

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086938.D
 Acq On : 10 Jun 2025 18:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 11 04:18:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/11/2025
 Supervised By : Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	176719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	308698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	98074	41.450	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.900%		
35) Dibromofluoromethane	8.177	113	87160	47.644	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.280%		
50) Toluene-d8	10.571	98	334058	46.127	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.260%		
62) 4-Bromofluorobenzene	12.847	95	125834	46.767	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	90452	51.335	ug/l	98
3) Chloromethane	2.395	50	101034	44.405	ug/l	98
4) Vinyl Chloride	2.554	62	121371	51.711	ug/l	99
5) Bromomethane	3.001	94	46198	35.173	ug/l	100
6) Chloroethane	3.159	64	78079	51.500	ug/l	97
7) Trichlorofluoromethane	3.530	101	157218	51.268	ug/l	100
8) Diethyl Ether	3.983	74	69342	51.899	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.400	101	98032	50.883	ug/l	98
10) Methyl Iodide	4.618	142	88226	35.325	ug/l	97
11) Tert butyl alcohol	5.536	59	143421	223.394	ug/l	99
12) 1,1-Dichloroethene	4.365	96	104047	52.898	ug/l	93
13) Acrolein	4.200	56	11481	56.496	ug/l	95
14) Allyl chloride	5.047	41	146046	44.771	ug/l	95
15) Acrylonitrile	5.736	53	346563	230.949	ug/l	100
16) Acetone	4.447	43	258365	205.910	ug/l	96
17) Carbon Disulfide	4.742	76	308599	56.720	ug/l	99
18) Methyl Acetate	5.042	43	133291	36.453	ug/l	94
19) Methyl tert-butyl Ether	5.818	73	345648	48.534	ug/l	100
20) Methylene Chloride	5.300	84	114593	48.781	ug/l	92
21) trans-1,2-Dichloroethene	5.806	96	110123	50.322	ug/l	98
22) Diisopropyl ether	6.683	45	311728	45.335	ug/l	95
23) Vinyl Acetate	6.618	43	1397734	240.591	ug/l	96
24) 1,1-Dichloroethane	6.583	63	193464	48.891	ug/l	99
25) 2-Butanone	7.494	43	437923	214.715	ug/l	94
26) 2,2-Dichloropropane	7.500	77	149604	48.602	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	132603	50.666	ug/l	95
28) Bromochloromethane	7.824	49	73339	37.695	ug/l	88
29) Tetrahydrofuran	7.847	42	290520	218.662	ug/l	93
30) Chloroform	7.977	83	189838	48.039	ug/l	95
31) Cyclohexane	8.265	56	175800	45.811	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	163721	48.711	ug/l	98
36) 1,1-Dichloropropene	8.377	75	144891	53.151	ug/l	98
37) Ethyl Acetate	7.571	43	169435	48.826	ug/l	98
38) Carbon Tetrachloride	8.371	117	138285	51.670	ug/l	98
39) Methylcyclohexane	9.606	83	181379	48.565	ug/l	95
40) Benzene	8.612	78	459444	51.541	ug/l	99

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Manual Integrations
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Reviewed By : John Carlone 06/11/2025
 Supervised By : Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	85278	43.757	ug/l	90
42) 1,2-Dichloroethane	8.677	62	134489	49.742	ug/l	99
43) Isopropyl Acetate	8.694	43	257199	46.178	ug/l	96
44) Trichloroethene	9.359	130	116889	55.301	ug/l	95
45) 1,2-Dichloropropane	9.624	63	108258	49.919	ug/l	98
46) Dibromomethane	9.712	93	76994	53.450	ug/l	97
47) Bromodichloromethane	9.888	83	149176	50.334	ug/l	97
48) Methyl methacrylate	9.682	41	119559	46.638	ug/l	94
49) 1,4-Dioxane	9.700	88	50710	1087.344	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	791040	235.919	ug/l	96
52) Toluene	10.629	92	287508	52.776	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	172844	52.155	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	184125	51.925	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	106701	50.903	ug/l	99
56) Ethyl methacrylate	10.876	69	181431	54.342	ug/l	92
57) 1,3-Dichloropropane	11.165	76	184198	50.656	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	236277	118.651	ug/l	97
59) 2-Hexanone	11.200	43	518664	240.145	ug/l	90
60) Dibromochloromethane	11.359	129	116659	53.416	ug/l	100
61) 1,2-Dibromoethane	11.471	107	114780	53.422	ug/l	98
64) Tetrachloroethene	11.106	164	91874	53.850	ug/l	95
65) Chlorobenzene	11.894	112	316696	53.264	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	98580	51.578	ug/l	99
67) Ethyl Benzene	11.965	91	536714	52.405	ug/l	99
68) m/p-Xylenes	12.071	106	418936	106.858	ug/l	98
69) o-Xylene	12.394	106	201312	53.615	ug/l	96
70) Styrene	12.412	104	343422	53.450	ug/l	99
71) Bromoform	12.576	173	78819	55.657	ug/l #	99
73) Isopropylbenzene	12.694	105	489897	50.649	ug/l	100
74) N-amyl acetate	12.512	43	153120	45.303	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	166262	50.740	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	140564m	44.539	ug/l	
77) Bromobenzene	12.982	156	121326	54.696	ug/l	94
78) n-propylbenzene	13.035	91	582741	49.576	ug/l	99
79) 2-Chlorotoluene	13.123	91	355375	50.413	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	398214	49.866	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	65200m	47.557	ug/l	
82) 4-Chlorotoluene	13.218	91	362142	50.772	ug/l	99
83) tert-Butylbenzene	13.435	119	355100	48.578	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	411074	51.335	ug/l	99
85) sec-Butylbenzene	13.612	105	495817	46.707	ug/l	99
86) p-Isopropyltoluene	13.729	119	422980	48.202	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	227571	52.144	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	233049	52.377	ug/l	100
89) n-Butylbenzene	14.053	91	379576	44.658	ug/l	99
90) Hexachloroethane	14.329	117	69822	46.941	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	215670	51.437	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36585	46.685	ug/l	88
93) 1,2,4-Trichlorobenzene	15.388	180	128889	48.139	ug/l	99
94) Hexachlorobutadiene	15.494	225	42093	42.197	ug/l	98
95) Naphthalene	15.635	128	531584	53.340	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	121156	45.544	ug/l	99

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ClientSampleId :
VSTDCCC050EC

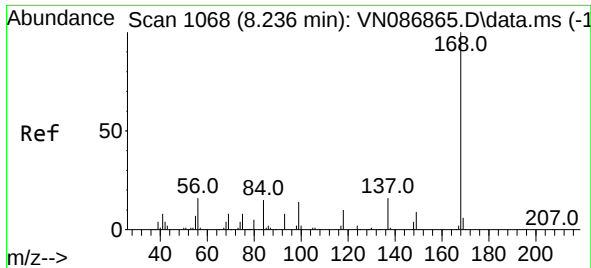
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 04:18:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



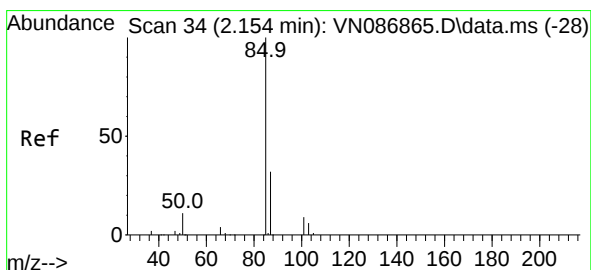
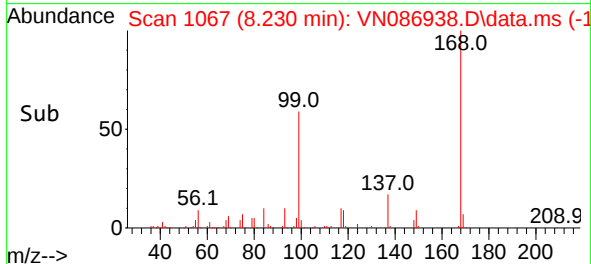
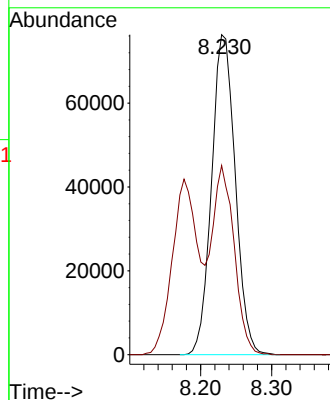
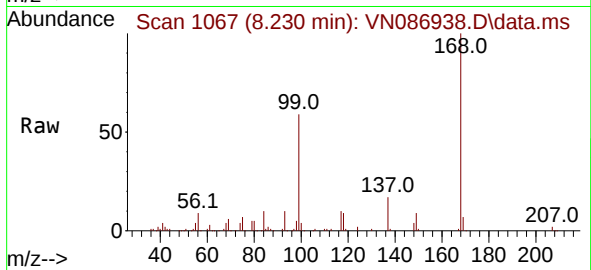
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 176719
Ion Ratio Lower Upper
168 100
99 59.1 49.1 73.7

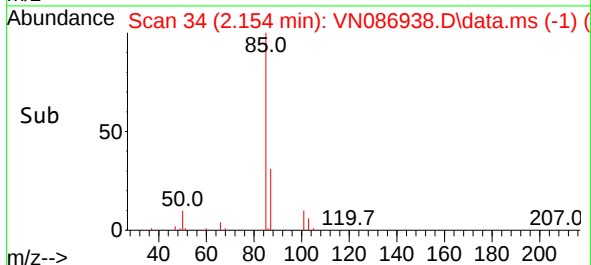
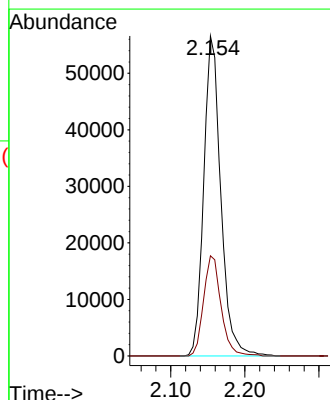
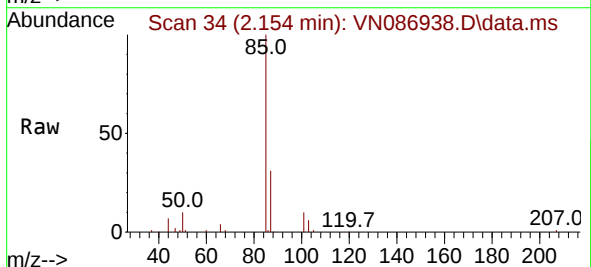
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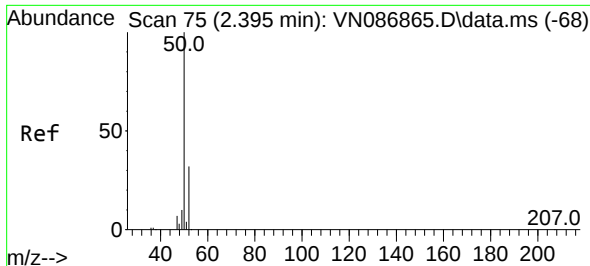
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#2
Dichlorodifluoromethane
Concen: 51.335 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

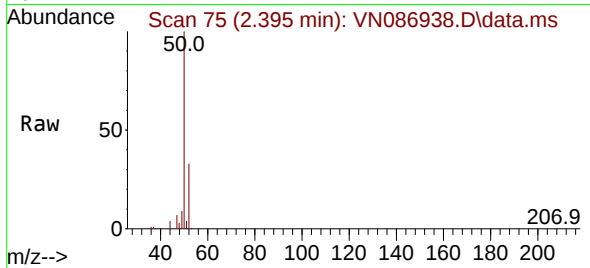
Tgt Ion: 85 Resp: 90452
Ion Ratio Lower Upper
85 100
87 31.3 16.2 48.6





#3
Chloromethane
Concen: 44.405 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

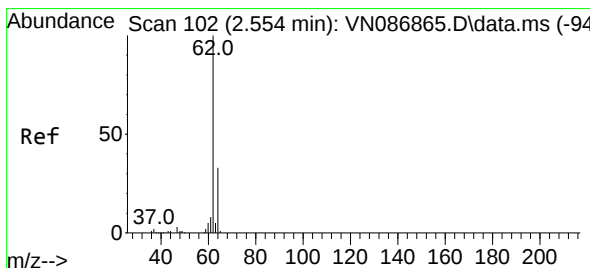
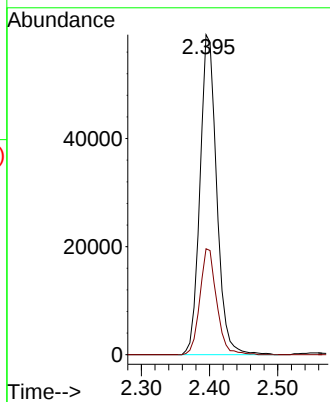
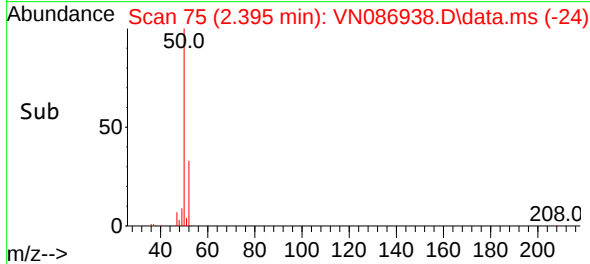
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 101034
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5

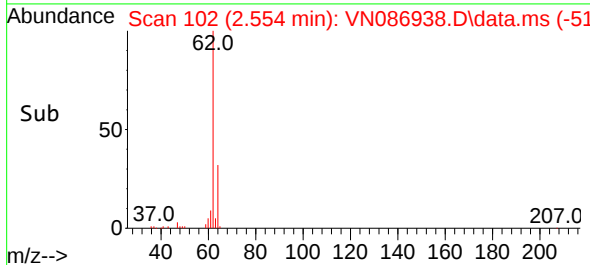
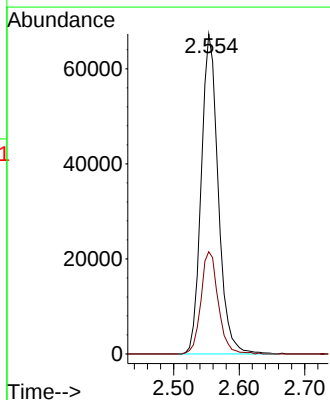
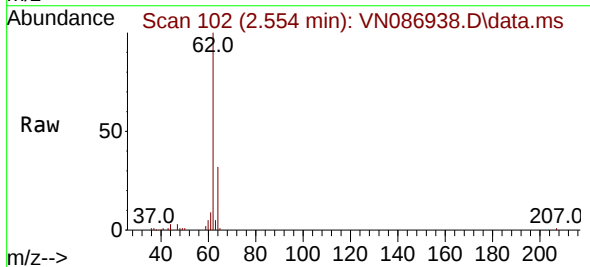
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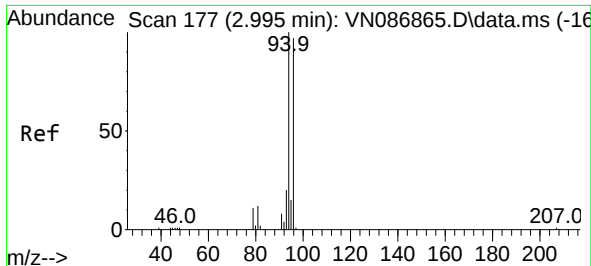
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#4
Vinyl Chloride
Concen: 51.711 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

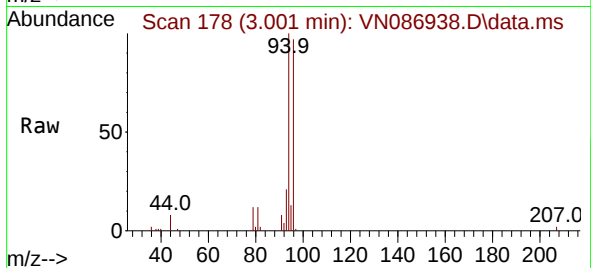
Tgt Ion: 62 Resp: 121371
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





#5
Bromomethane
Concen: 35.173 ug/l
RT: 3.001 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

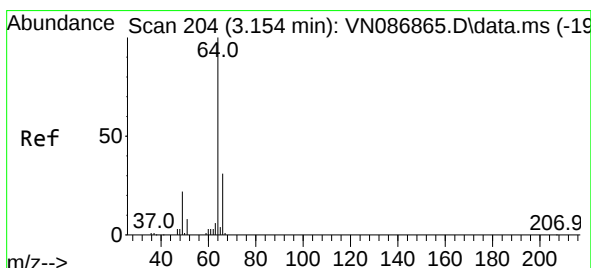
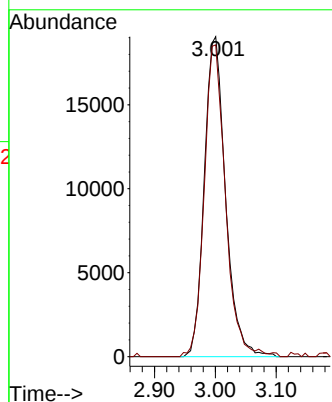
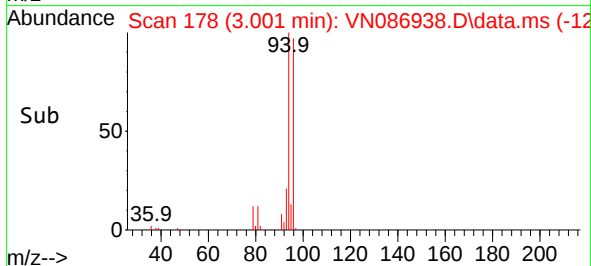
Instrument :
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Tgt Ion: 94 Resp: 46198
Ion Ratio Lower Upper
94 100
96 97.4 77.9 116.9

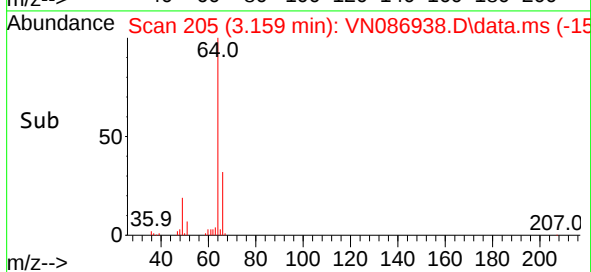
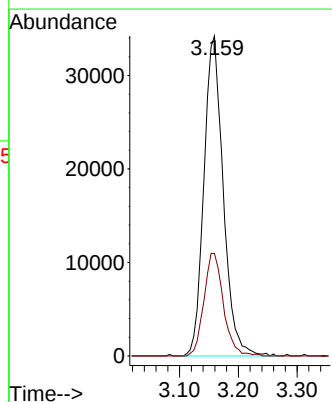
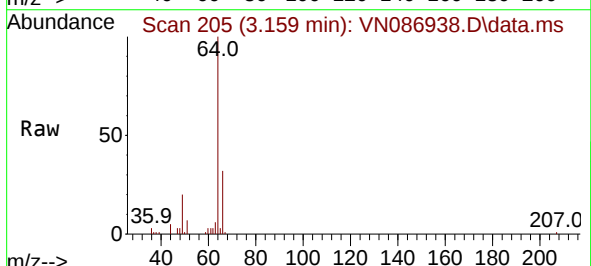
Manual Integrations
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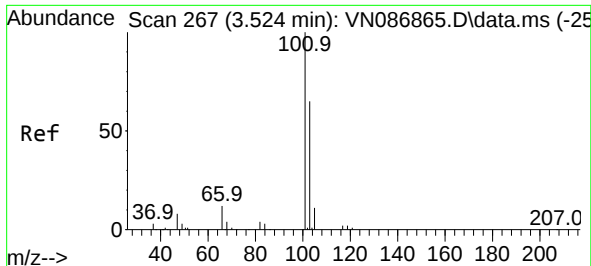
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#6
Chloroethane
Concen: 51.500 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN086938.D
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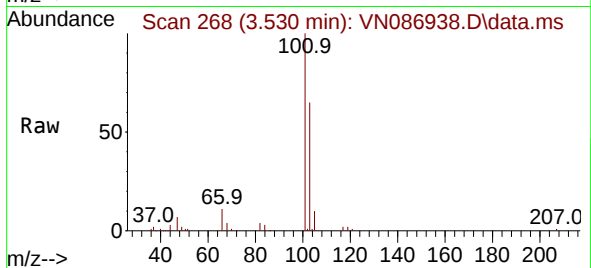
Tgt Ion: 64 Resp: 78079
Ion Ratio Lower Upper
64 100
66 32.1 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 51.268 ug/l
 RT: 3.530 min Scan# 267
 Delta R.T. 0.006 min
 Lab File: VN086938.D
 Acq: 10 Jun 2025 18:57

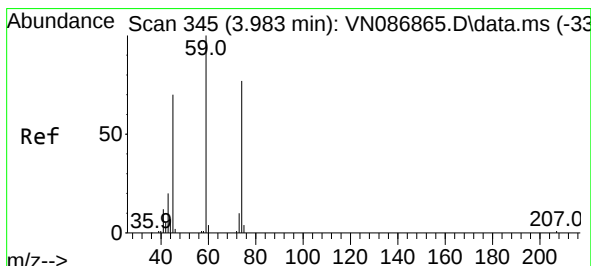
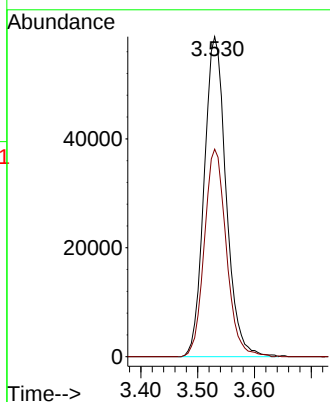
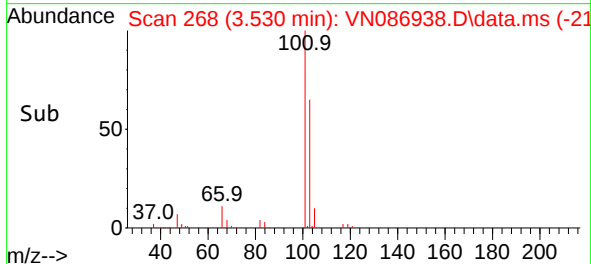
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 157218
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.2 78.2

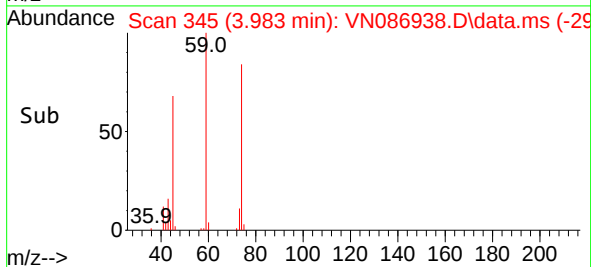
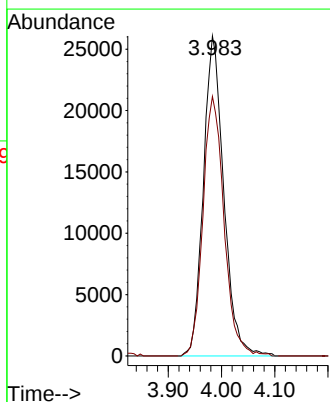
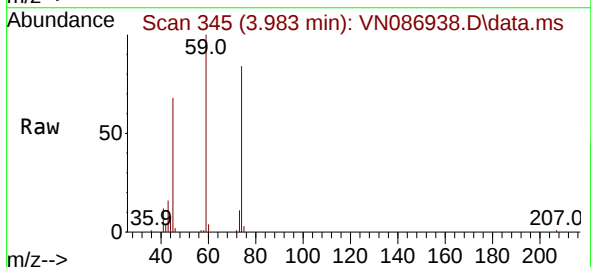
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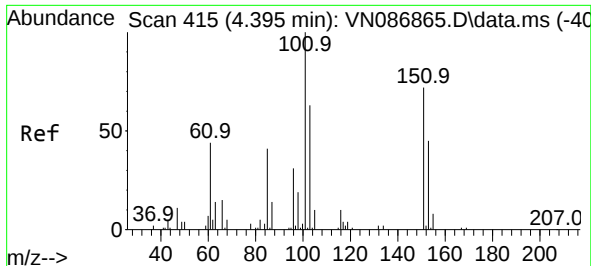
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#8
 Diethyl Ether
 Concen: 51.899 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN086938.D
 Acq: 10 Jun 2025 18:57

Tgt Ion: 74 Resp: 69342
 Ion Ratio Lower Upper
 74 100
 45 83.9 45.5 136.5





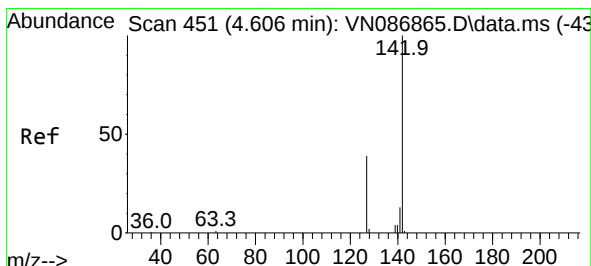
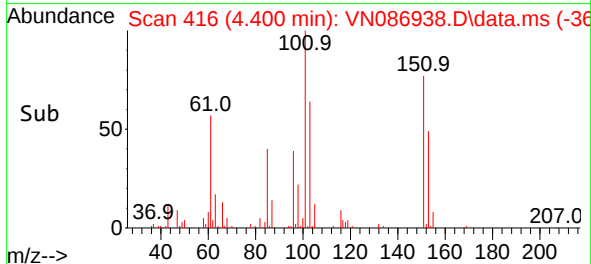
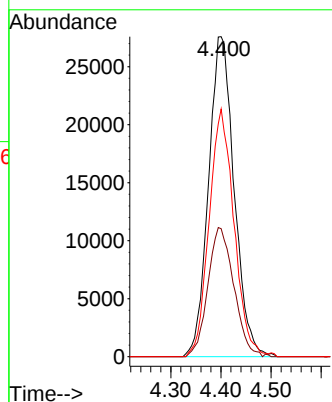
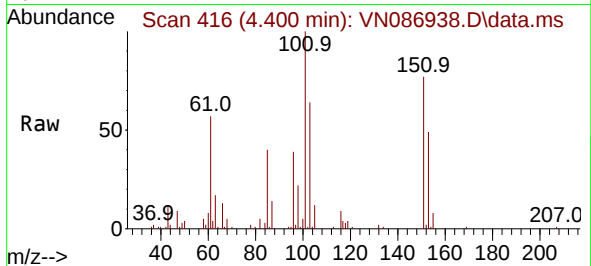
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.883 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9803
Ion Ratio Lower Upper
101 100
85 40.9 33.8 50.8
151 75.3 58.7 88.1

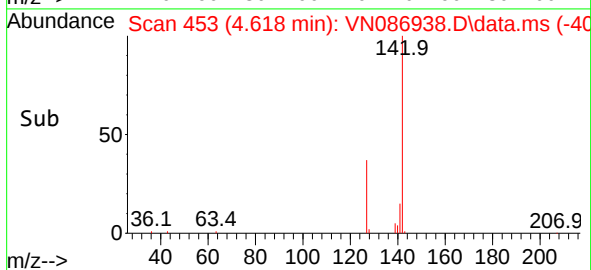
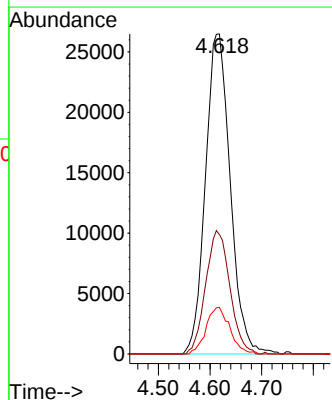
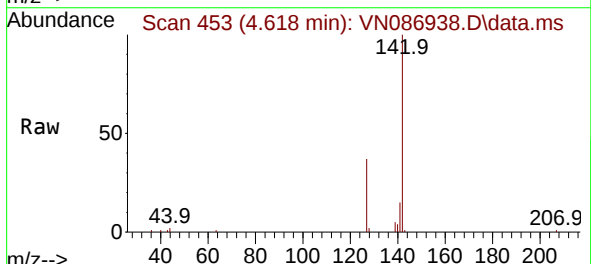
Manual Integrations
APPROVED

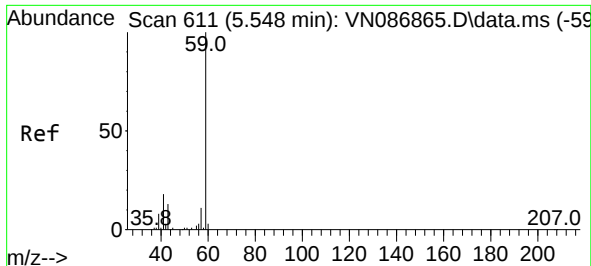
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#10
Methyl Iodide
Concen: 35.325 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

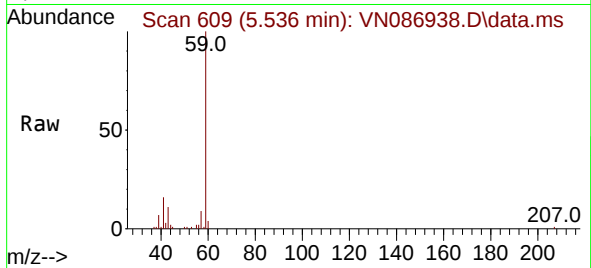
Tgt Ion:142 Resp: 88226
Ion Ratio Lower Upper
142 100
127 37.3 30.9 46.3
141 14.5 10.4 15.6





#11
Tert butyl alcohol
Concen: 223.394 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

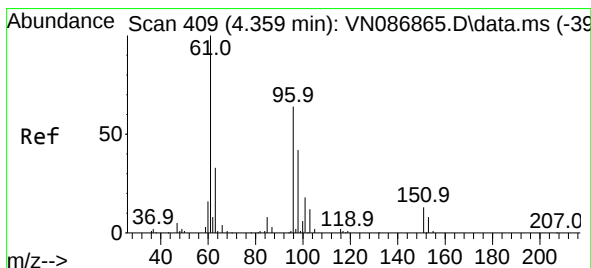
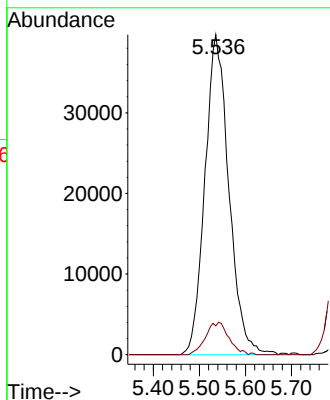
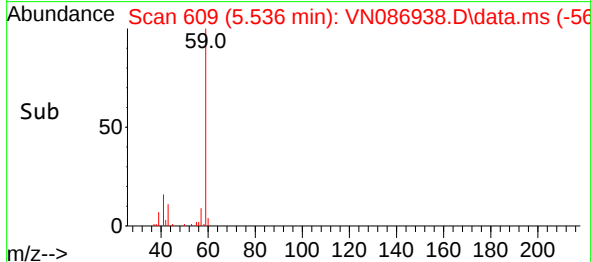
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



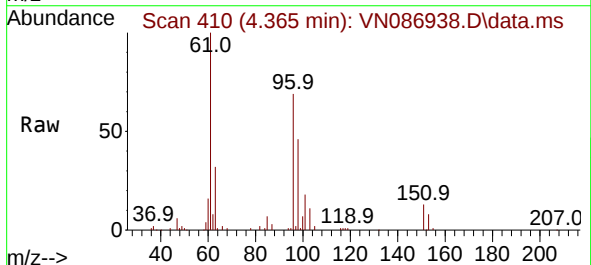
Tgt Ion: 59 Resp: 14342
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

Manual Integrations
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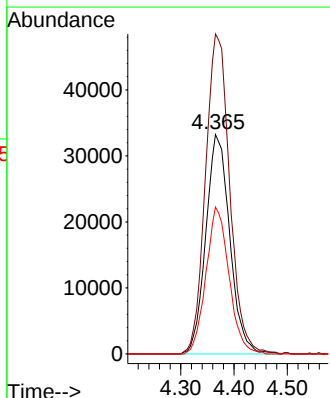
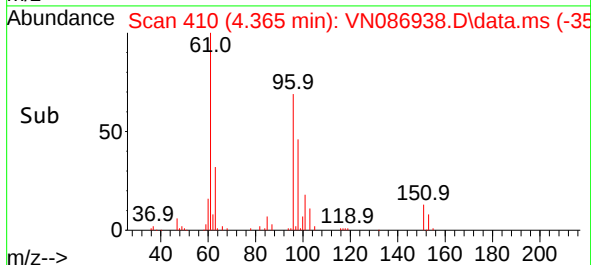
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

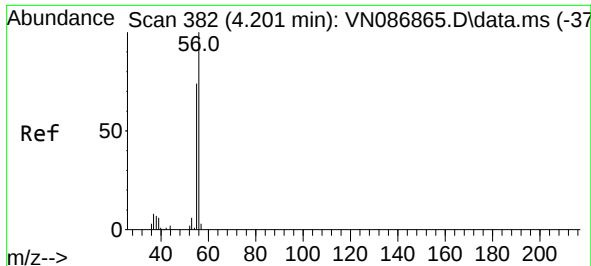


#12
1,1-Dichloroethene
Concen: 52.898 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57



Tgt Ion: 96 Resp: 104047
Ion Ratio Lower Upper
96 100
61 145.8 125.8 188.6
98 66.9 52.5 78.7





#13

Acrolein

Concen: 56.496 ug/l

RT: 4.200 min Scan# 382

Delta R.T. -0.000 min

Lab File: VN086938.D

Acq: 10 Jun 2025 18:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 1148

Ion Ratio Lower Upper

56 100

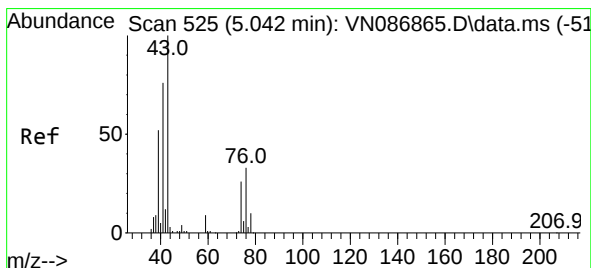
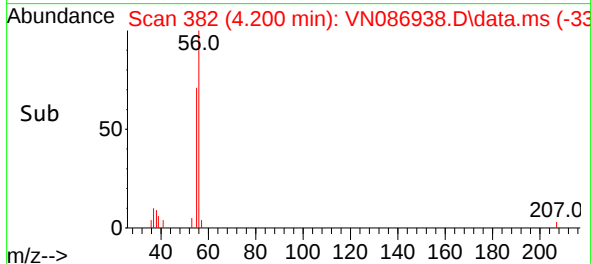
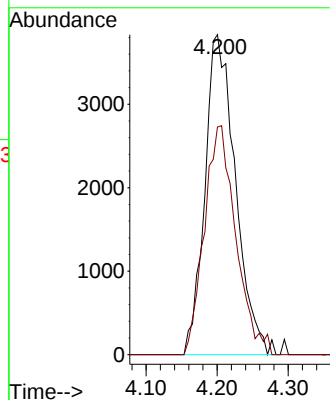
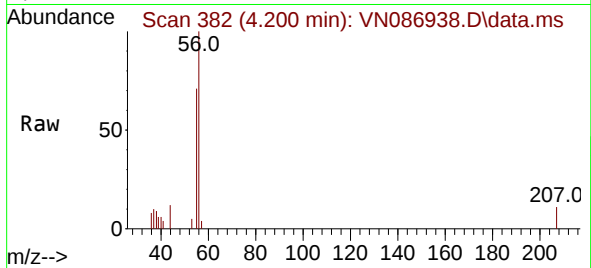
55 73.7 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#14

Allyl chloride

Concen: 44.771 ug/l

RT: 5.047 min Scan# 526

Delta R.T. 0.006 min

Lab File: VN086938.D

Acq: 10 Jun 2025 18:57

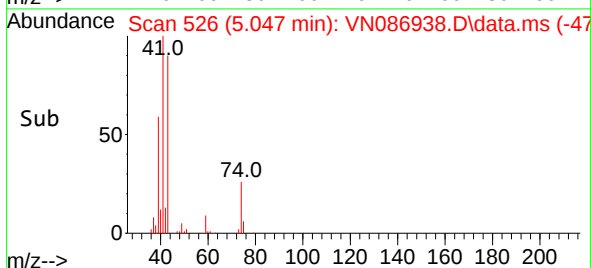
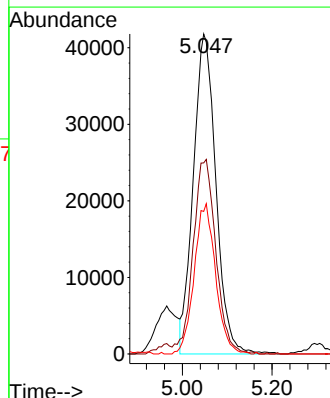
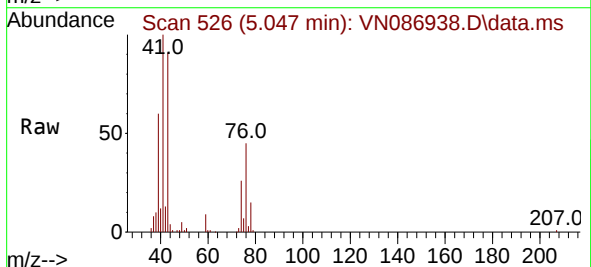
Tgt Ion: 41 Resp: 146046

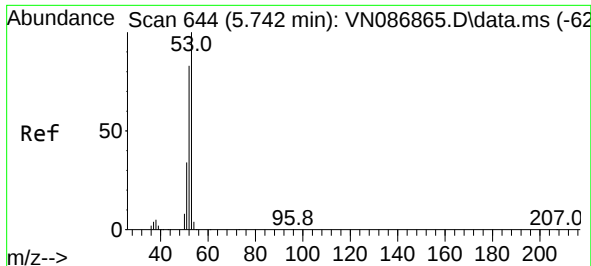
Ion Ratio Lower Upper

41 100

39 61.5 51.3 76.9

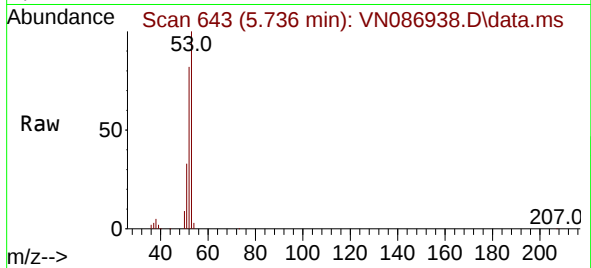
76 44.6 31.4 47.0





#15
Acrylonitrile
Concen: 230.949 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

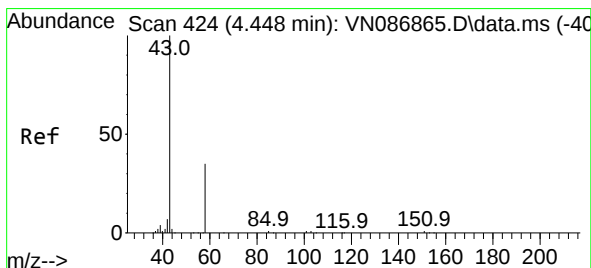
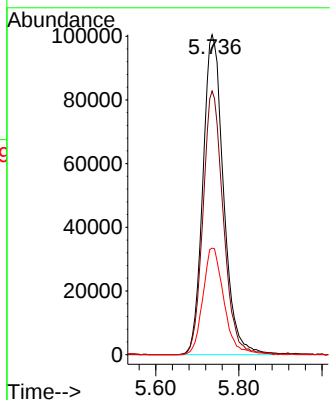
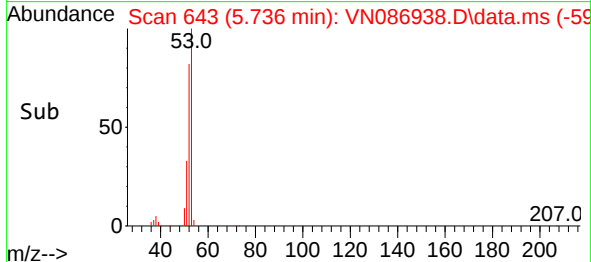
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 34656
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.6
51 34.0 27.2 40.8

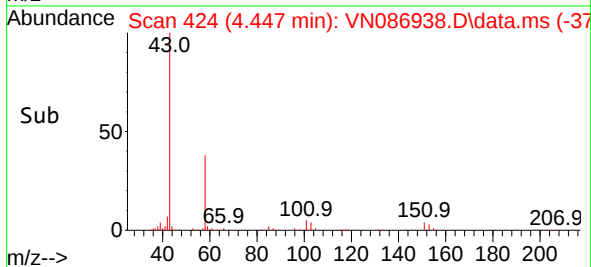
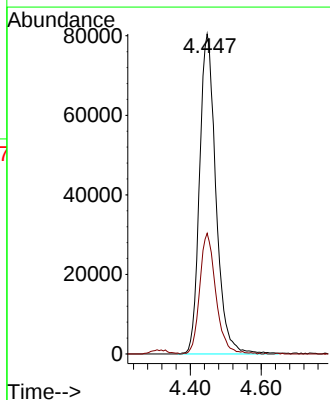
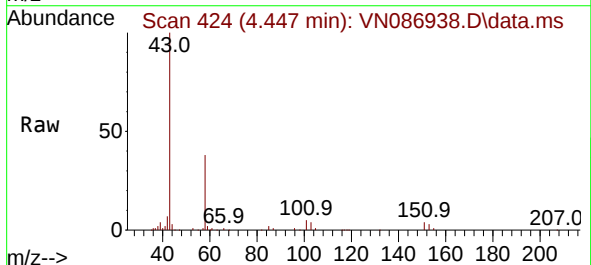
Manual Integrations
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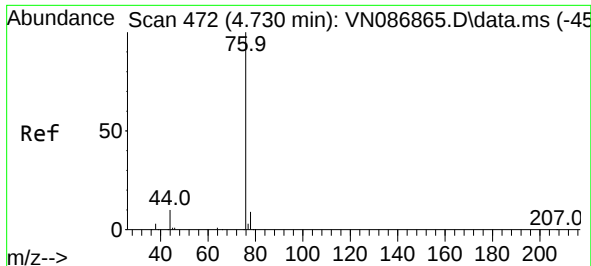
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#16
Acetone
Concen: 205.910 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

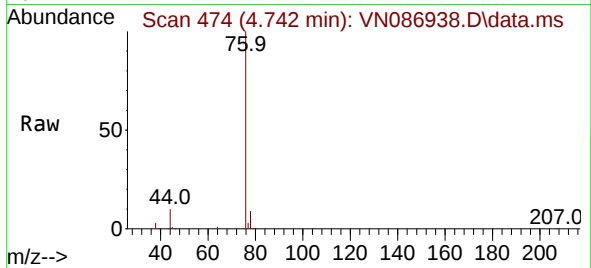
Tgt Ion: 43 Resp: 258365
Ion Ratio Lower Upper
43 100
58 37.5 28.0 42.0





#17
Carbon Disulfide
Concen: 56.720 ug/l
RT: 4.742 min Scan# 472
Delta R.T. 0.012 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

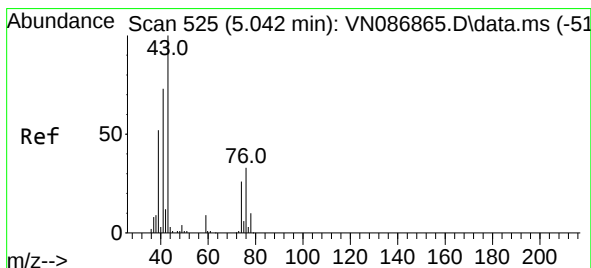
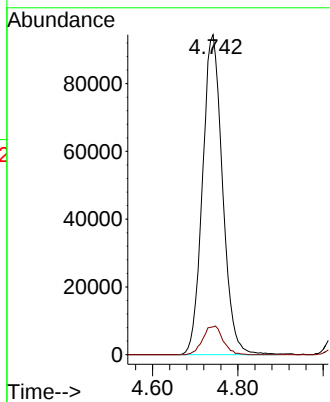
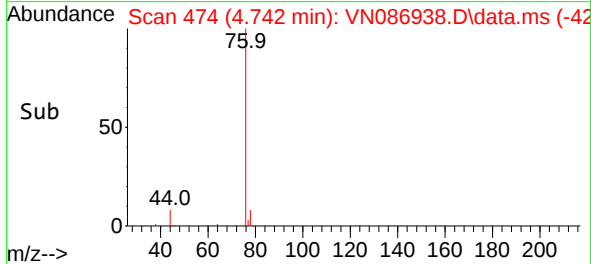
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 308599
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

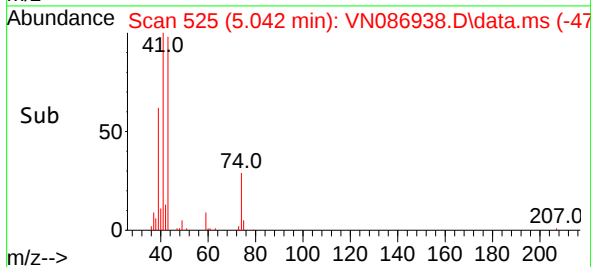
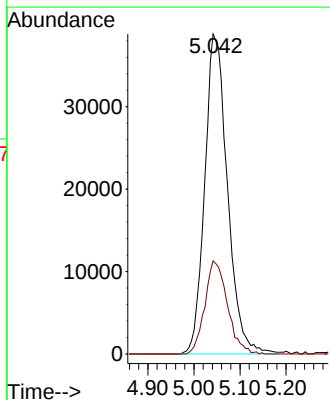
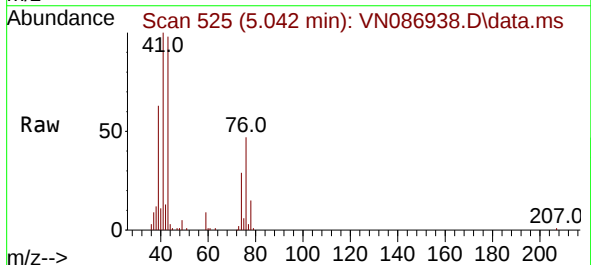
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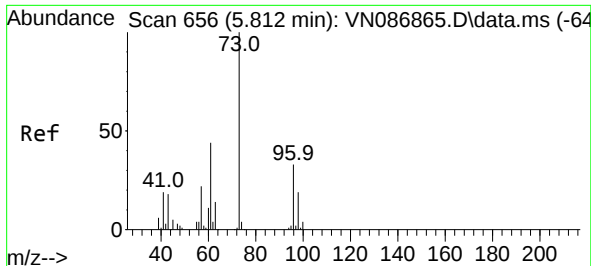
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#18
Methyl Acetate
Concen: 36.453 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

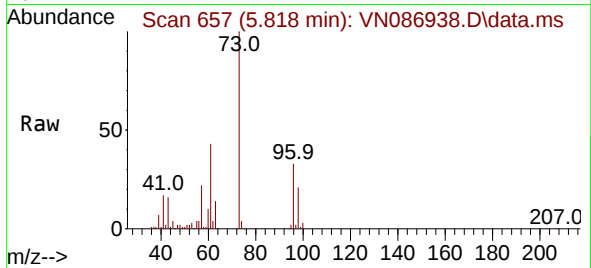
Tgt Ion: 43 Resp: 133291
Ion Ratio Lower Upper
43 100
74 28.9 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 48.534 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

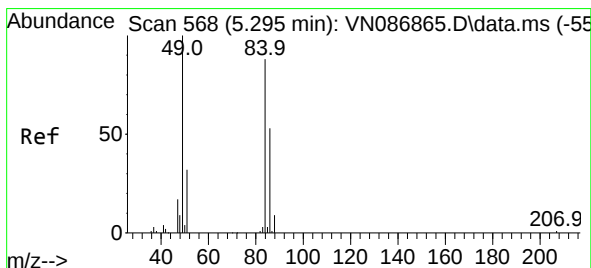
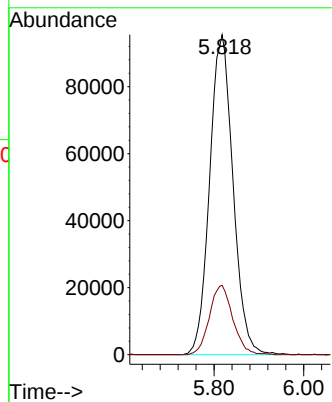
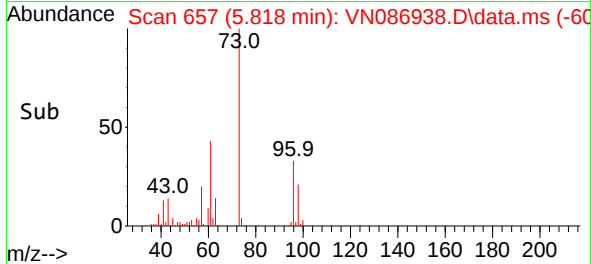
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 345648
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2

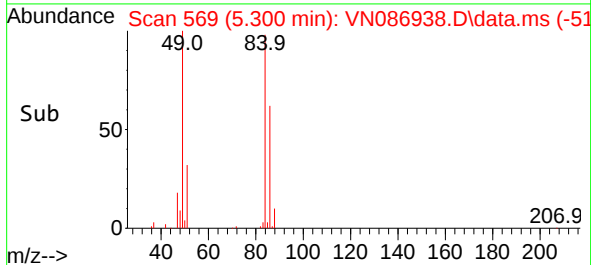
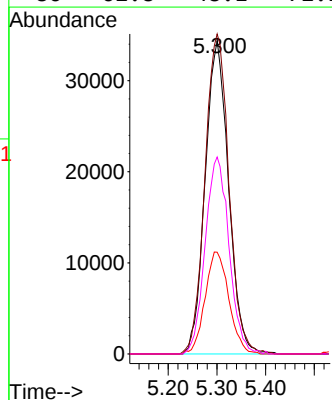
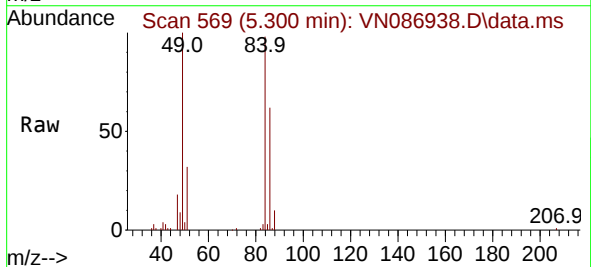
Manual Integrations
APPROVED

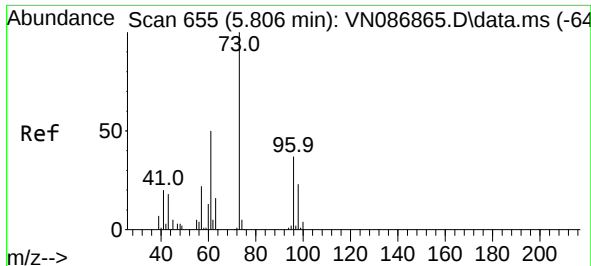
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#20
Methylene Chloride
Concen: 48.781 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

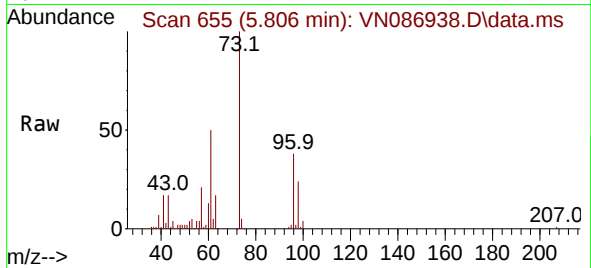
Tgt Ion: 84 Resp: 114593
Ion Ratio Lower Upper
84 100
49 102.1 90.5 135.7
51 32.5 28.5 42.7
86 62.8 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 50.322 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

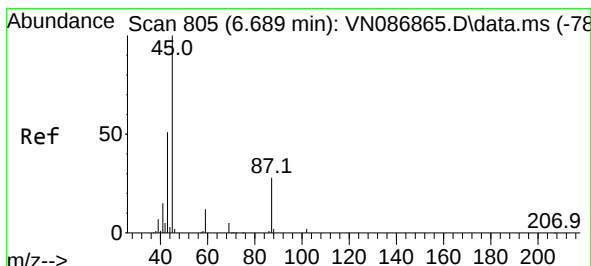
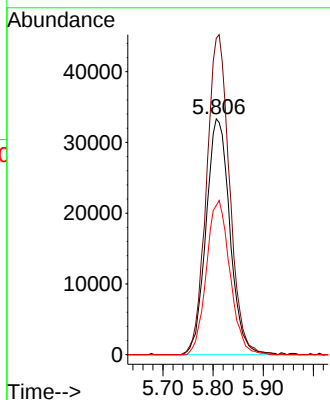
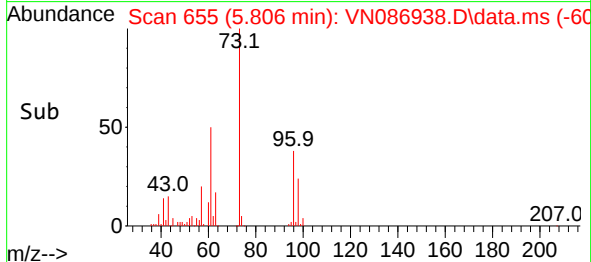
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 11012
Ion Ratio Lower Upper
96 100
61 134.2 109.2 163.8
98 63.2 49.8 74.8

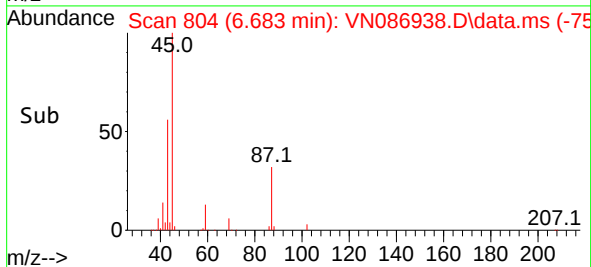
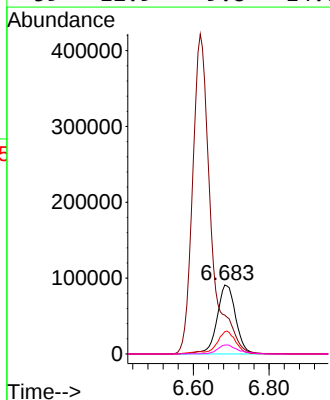
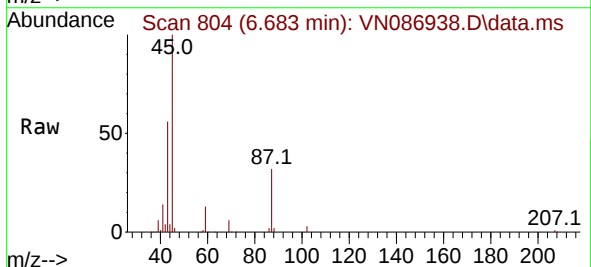
Manual Integrations
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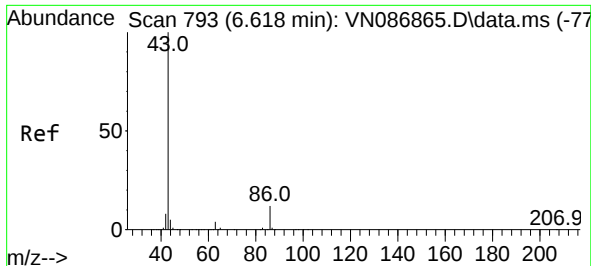
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#22
Diisopropyl ether
Concen: 45.335 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

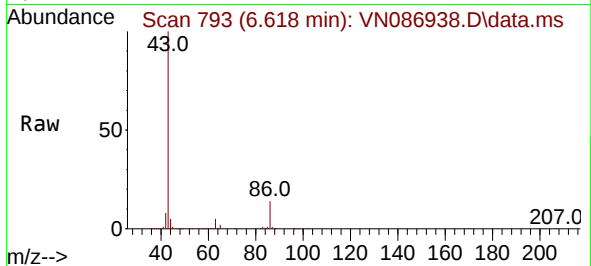
Tgt Ion: 45 Resp: 311728
Ion Ratio Lower Upper
45 100
43 55.8 41.9 62.9
87 32.2 22.4 33.6
59 12.9 9.8 14.6





#23
 Vinyl Acetate
 Concen: 240.591 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086938.D
 Acq: 10 Jun 2025 18:57

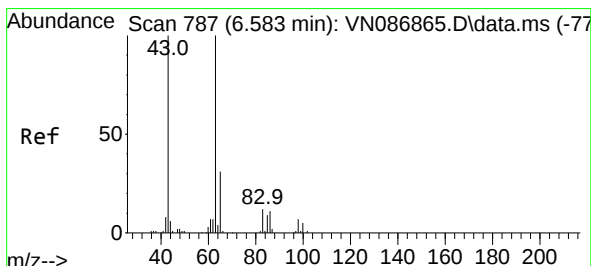
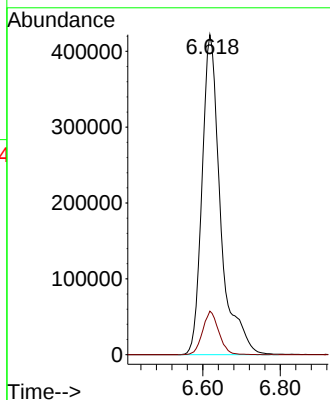
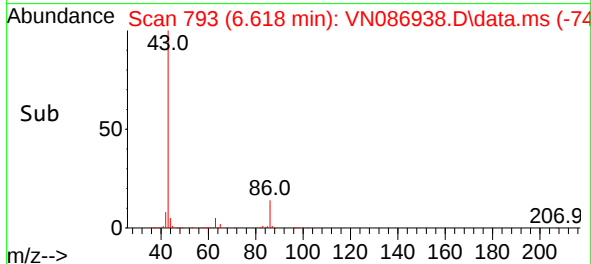
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1397734
 Ion Ratio Lower Upper
 43 100
 86 13.6 9.5 14.3

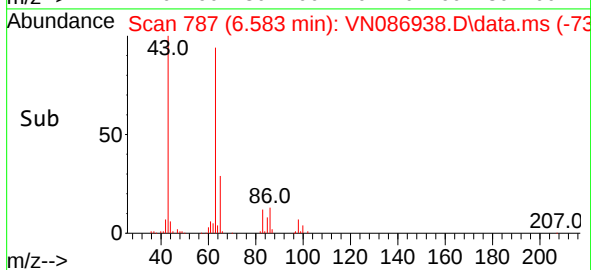
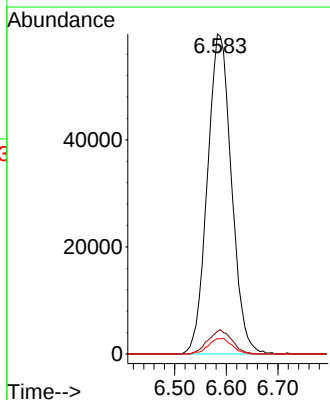
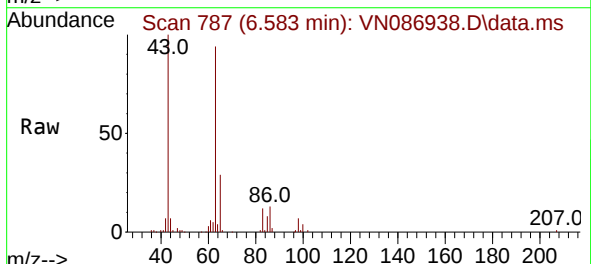
Manual Integrations
 APPROVED

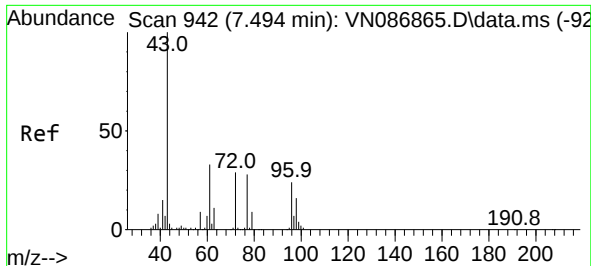
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#24
 1,1-Dichloroethane
 Concen: 48.891 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN086938.D
 Acq: 10 Jun 2025 18:57

Tgt Ion: 63 Resp: 193464
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.8 2.6 7.8





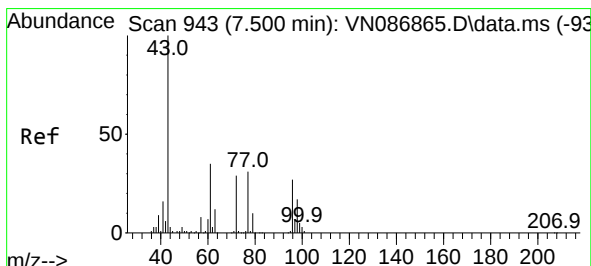
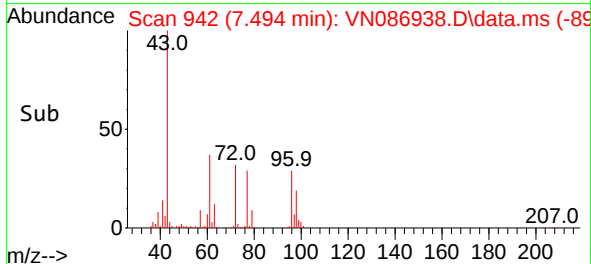
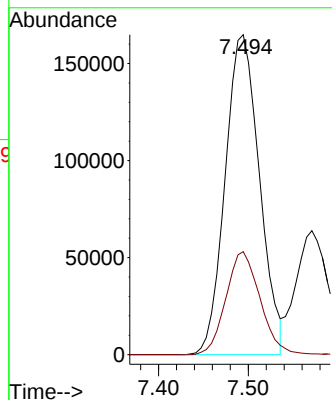
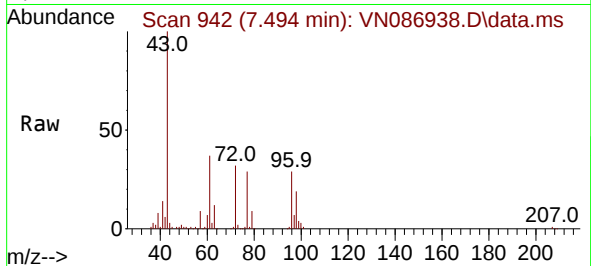
#25
2-Butanone
Concen: 214.715 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 437923
Ion Ratio Lower Upper
43 100
72 32.2 23.0 34.6

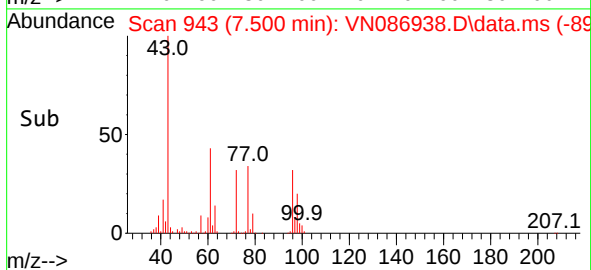
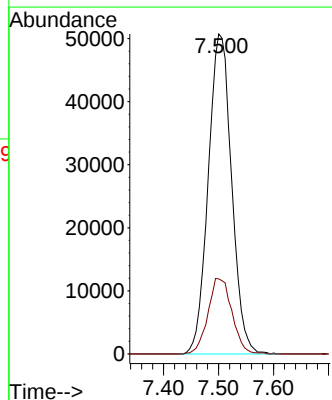
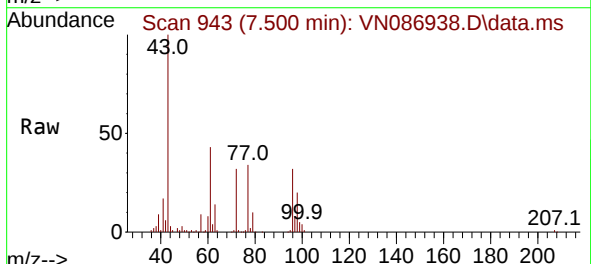
Manual Integrations
APPROVED

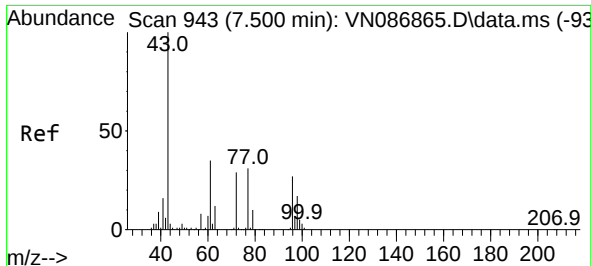
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#26
2,2-Dichloropropane
Concen: 48.602 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

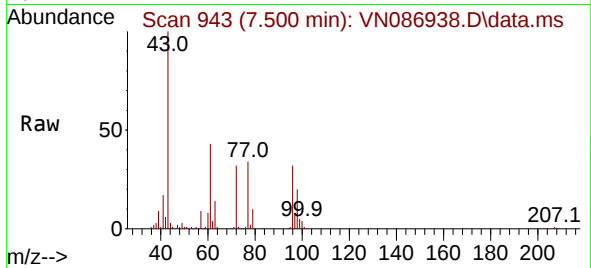
Tgt Ion: 77 Resp: 149604
Ion Ratio Lower Upper
77 100
97 24.3 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 50.666 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086938.D
 Acq: 10 Jun 2025 18:57

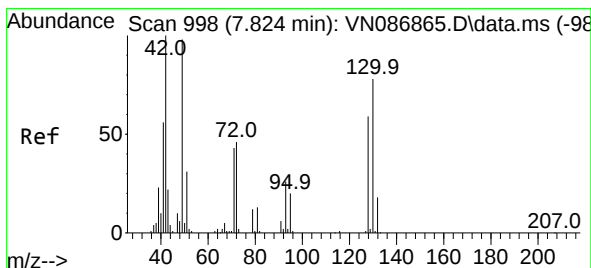
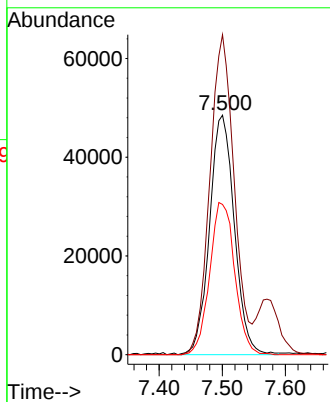
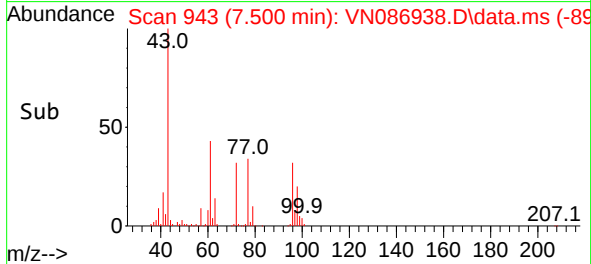
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 13260
 Ion Ratio Lower Upper
 96 100
 61 130.9 0.0 278.0
 98 64.0 0.0 128.2

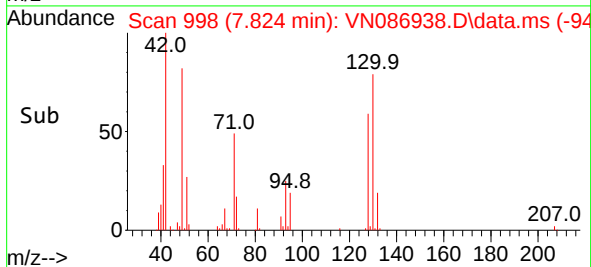
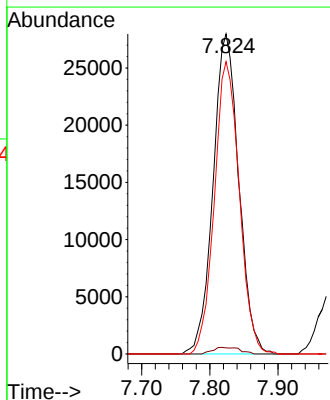
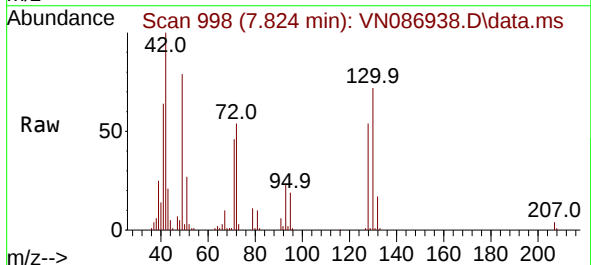
Manual Integrations
 APPROVED

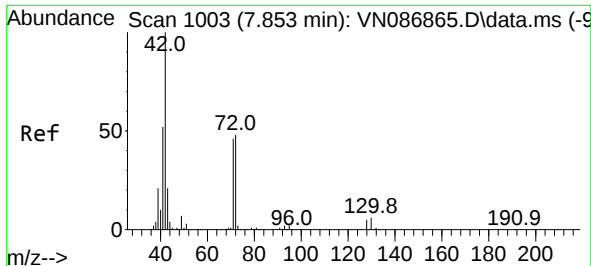
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#28
 Bromochloromethane
 Concen: 37.695 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086938.D
 Acq: 10 Jun 2025 18:57

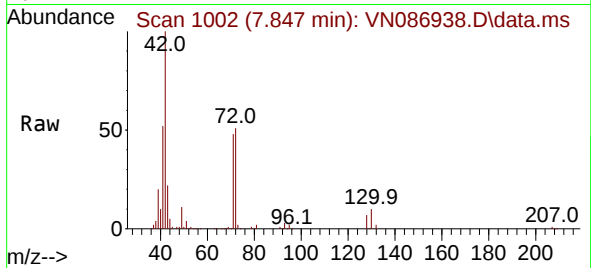
Tgt Ion: 49 Resp: 73339
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 88.5 62.2 93.2





#29
Tetrahydrofuran
Concen: 218.662 ug/l
RT: 7.847 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

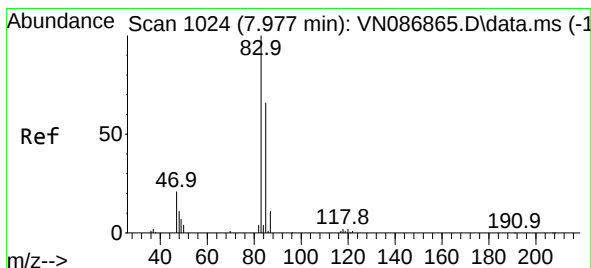
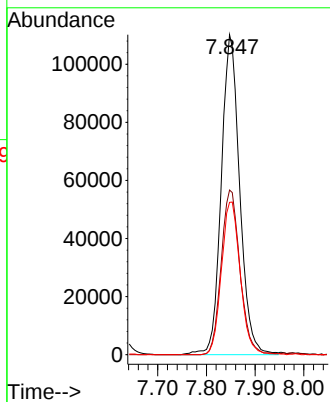
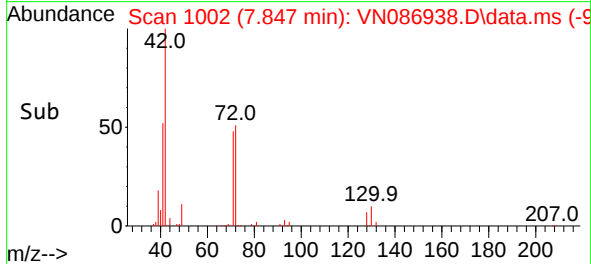
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 290520
Ion Ratio Lower Upper
42 100
72 52.4 37.8 56.6
71 48.7 35.6 53.4

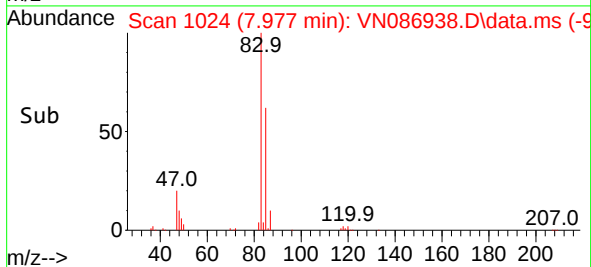
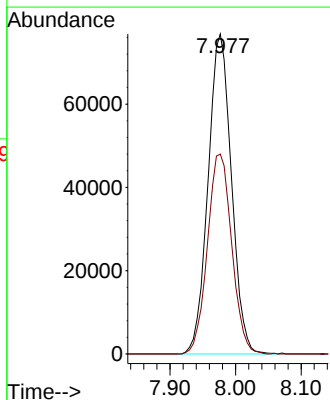
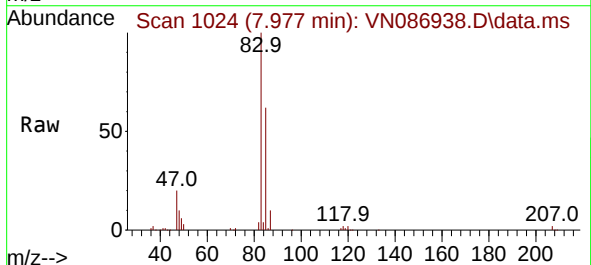
Manual Integrations
APPROVED

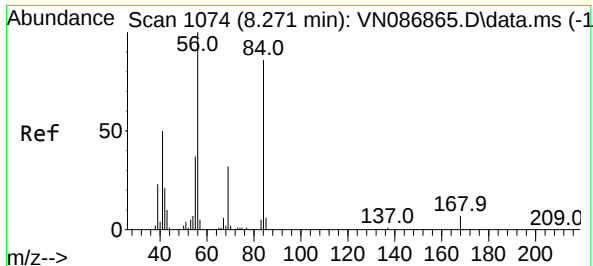
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#30
Chloroform
Concen: 48.039 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

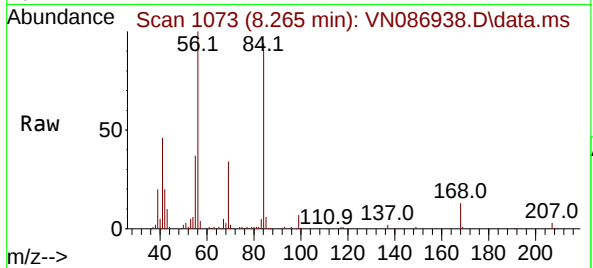
Tgt Ion: 83 Resp: 189838
Ion Ratio Lower Upper
83 100
85 62.5 52.9 79.3





#31
Cyclohexane
Concen: 45.811 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

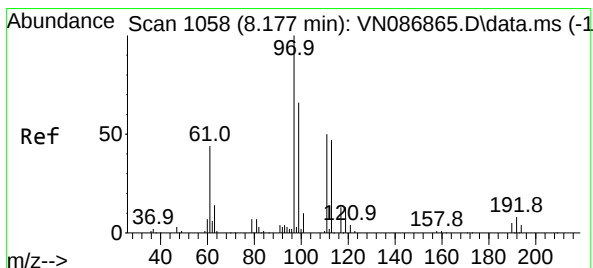
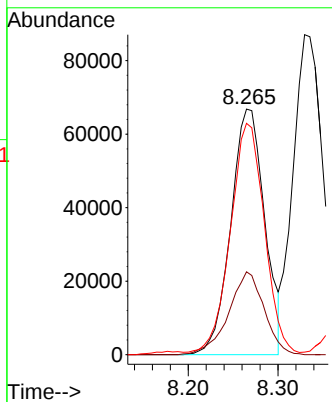
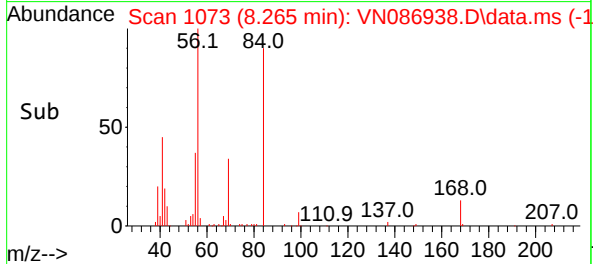
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 175800
Ion Ratio Lower Upper
56 100
69 33.4 25.4 38.0
84 93.0 68.8 103.2

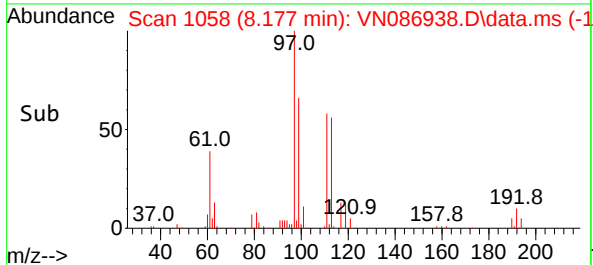
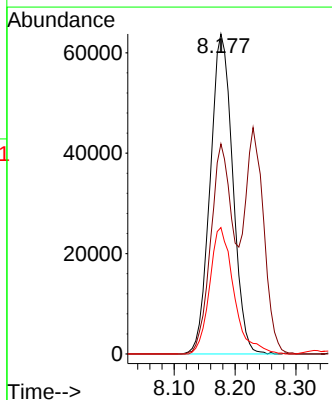
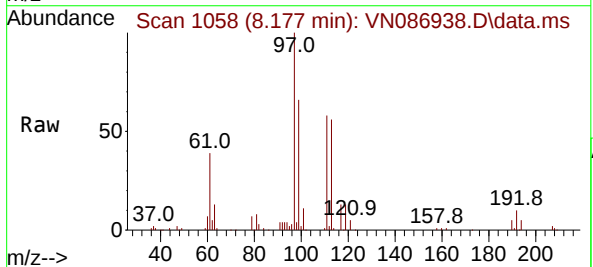
Manual Integrations
APPROVED

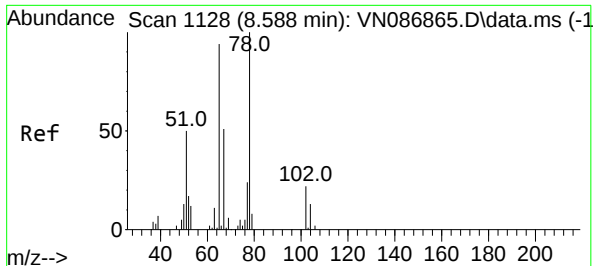
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#32
1,1,1-Trichloroethane
Concen: 48.711 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 97 Resp: 163721
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 42.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 41.450 ug/l

RT: 8.583 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN086938.D

Acq: 10 Jun 2025 18:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 98074

Ion Ratio Lower Upper

65 100

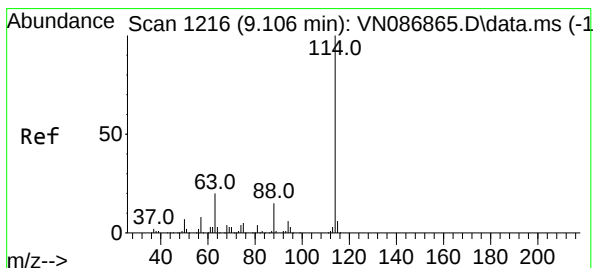
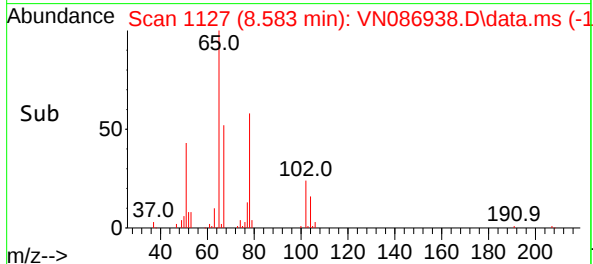
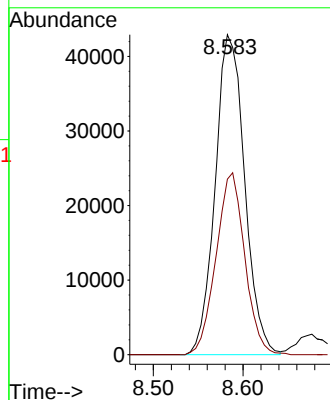
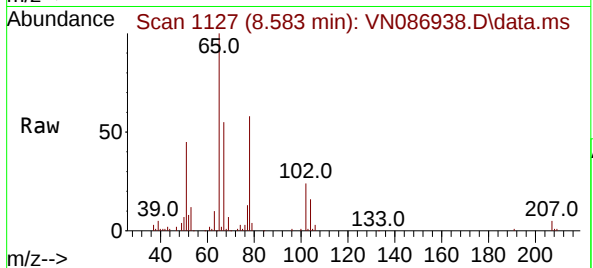
67 55.3 0.0 105.6

Manual Integrations

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Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086938.D

Acq: 10 Jun 2025 18:57

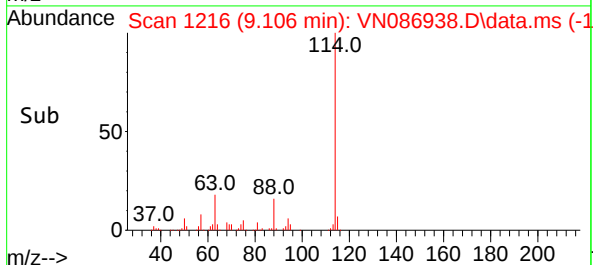
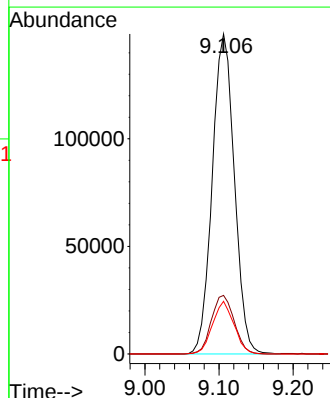
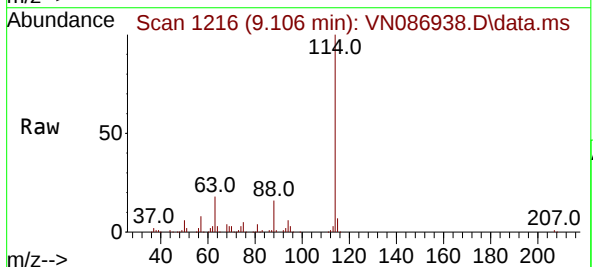
Tgt Ion:114 Resp: 308698

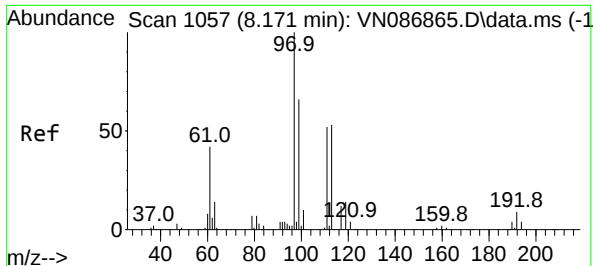
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 16.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.644 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN086938.D

Acq: 10 Jun 2025 18:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 87160

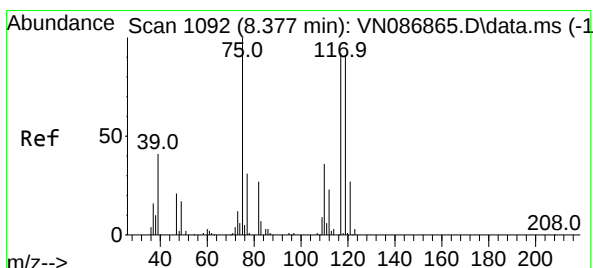
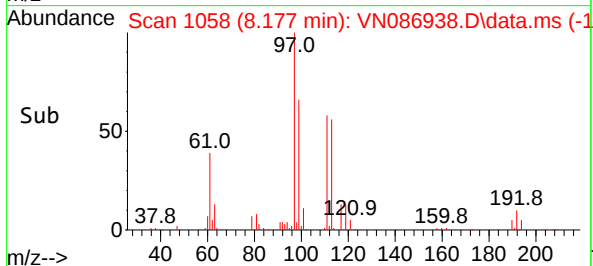
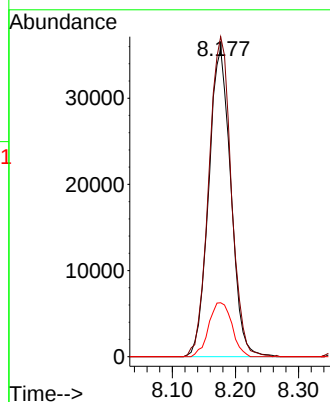
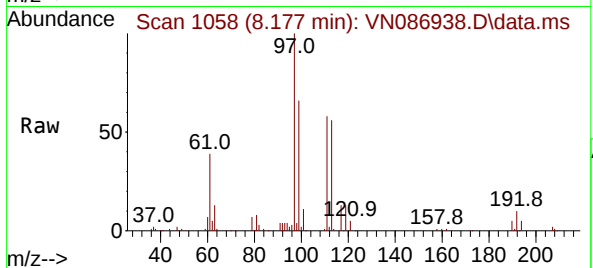
Ion	Ratio	Lower	Upper
113	100		
111	105.4	84.2	126.2
192	18.3	14.2	21.4

Manual Integrations

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Reviewed By : John Carlone 06/11/2025

Supervised By : Mahesh Dadoda 06/11/2025



#36

1,1-Dichloropropene

Concen: 53.151 ug/l

RT: 8.377 min Scan# 1092

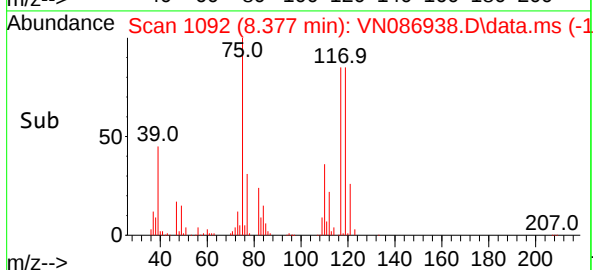
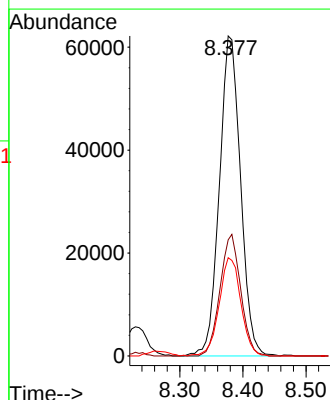
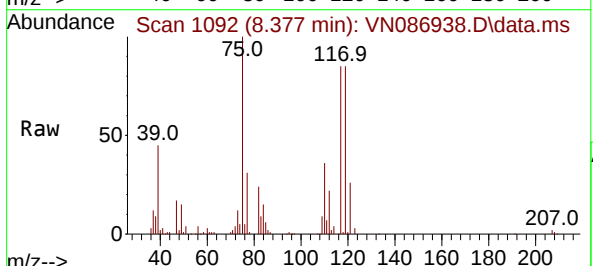
Delta R.T. -0.000 min

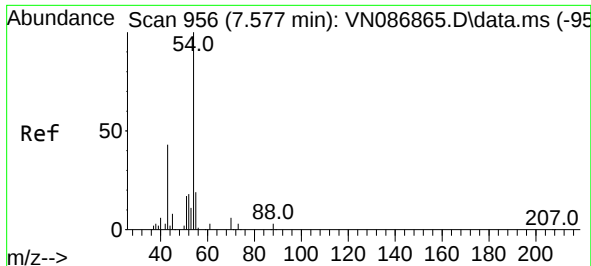
Lab File: VN086938.D

Acq: 10 Jun 2025 18:57

Tgt Ion: 75 Resp: 144891

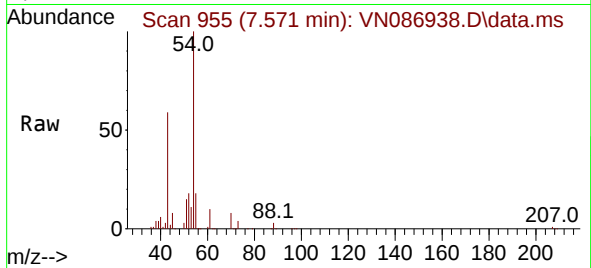
Ion	Ratio	Lower	Upper
75	100		
110	37.1	17.6	52.9
77	31.4	25.3	37.9





#37
Ethyl Acetate
Concen: 48.826 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

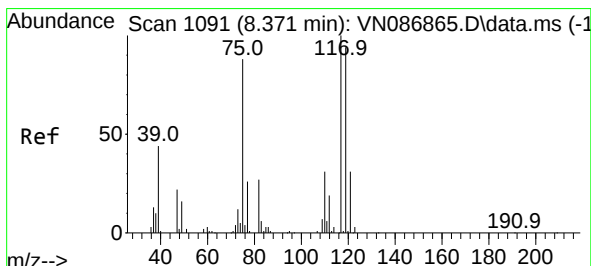
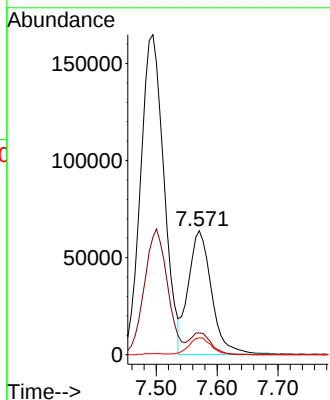
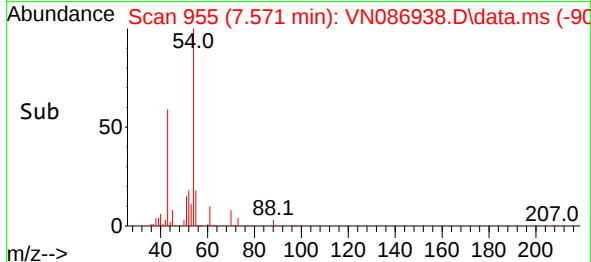
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 16943
Ion Ratio Lower Upper
43 100
61 16.1 12.1 18.1
70 13.3 9.8 14.6

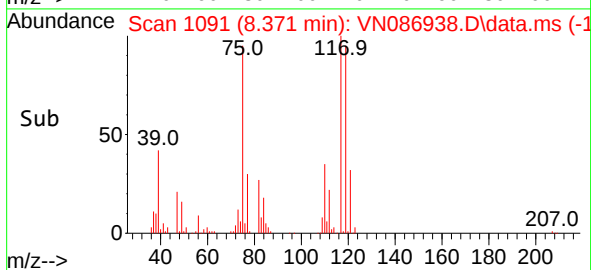
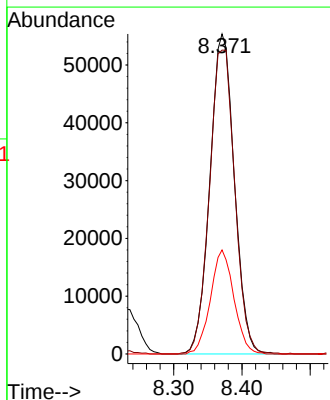
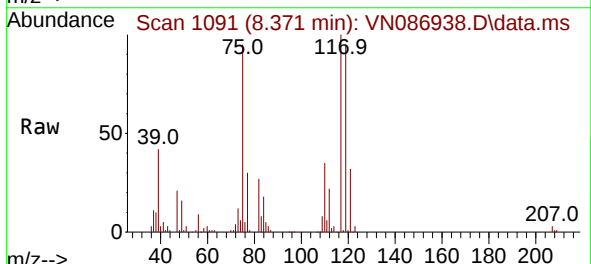
Manual Integrations
APPROVED

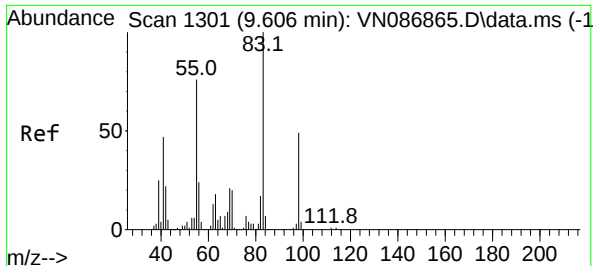
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#38
Carbon Tetrachloride
Concen: 51.670 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

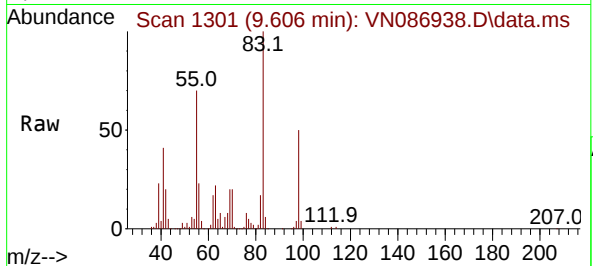
Tgt Ion:117 Resp: 138285
Ion Ratio Lower Upper
117 100
119 95.0 75.0 112.6
121 32.5 24.9 37.3





#39
Methylcyclohexane
Concen: 48.565 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

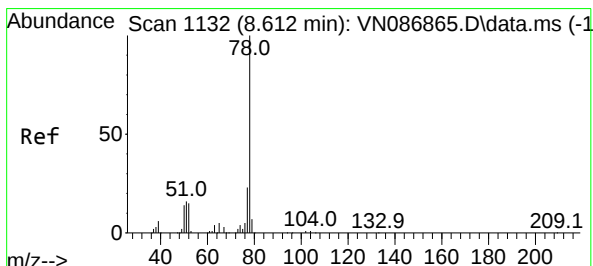
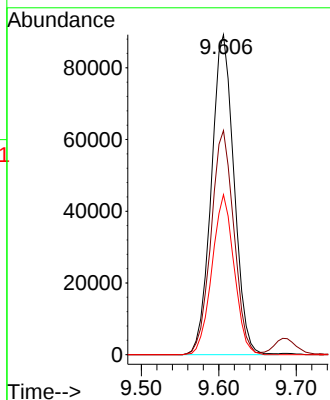
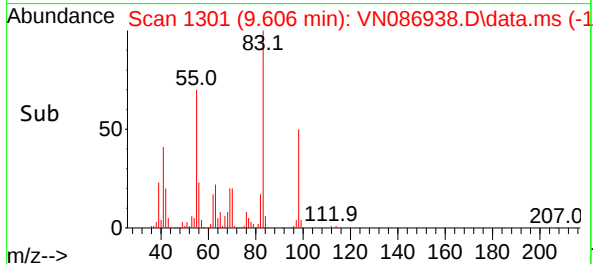
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 181379
Ion Ratio Lower Upper
83 100
55 70.0 61.0 91.6
98 50.0 38.9 58.3

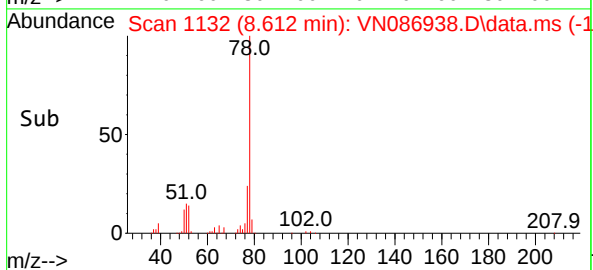
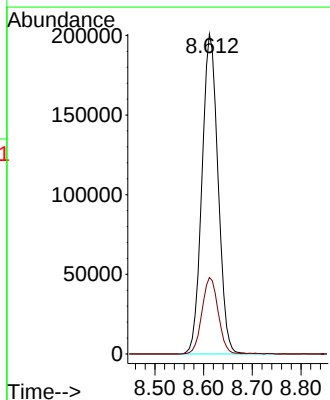
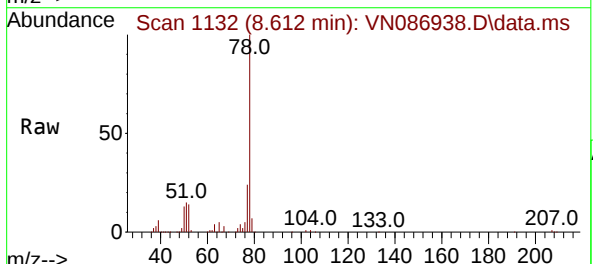
Manual Integrations
APPROVED

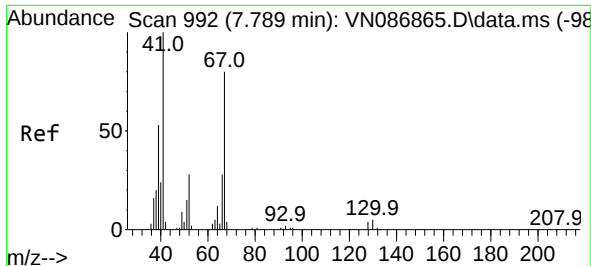
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#40
Benzene
Concen: 51.541 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 78 Resp: 459444
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1





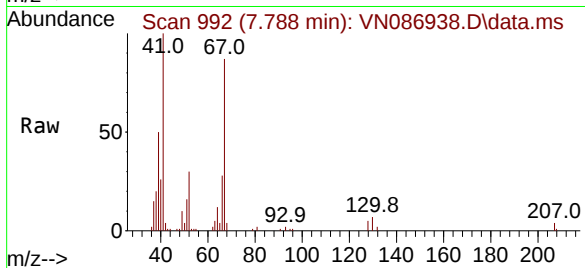
#41
Methacrylonitrile
Concen: 43.757 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



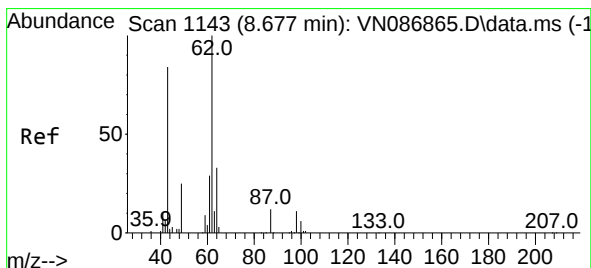
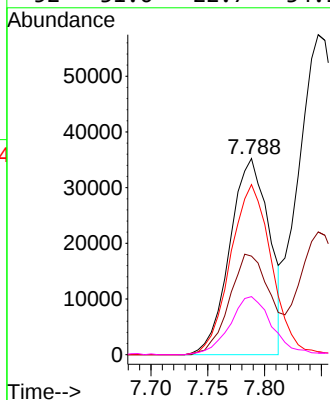
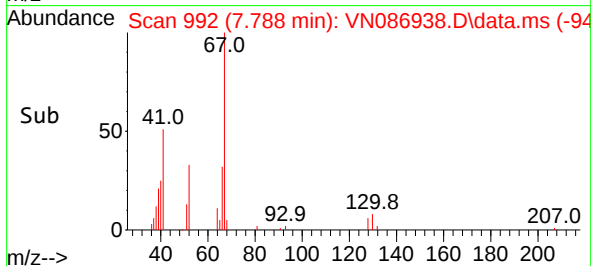
Tgt Ion:	41	Resp:	85278
Ion Ratio	100	Lower	Upper
39	54.3	41.2	61.8
67	90.6	61.4	92.2
52	31.6	22.7	34.1

Manual Integrations

APPROVED

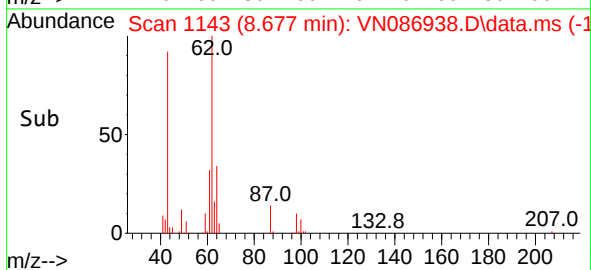
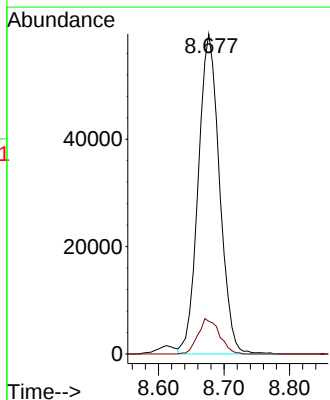
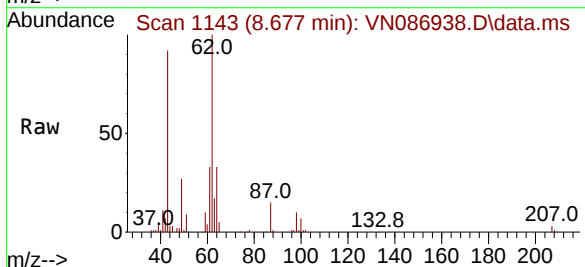
Reviewed By :John Carlone 06/11/2025

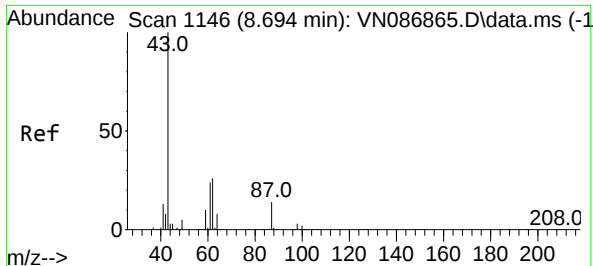
Supervised By :Mahesh Dadoda 06/11/2025



#42
1,2-Dichloroethane
Concen: 49.742 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

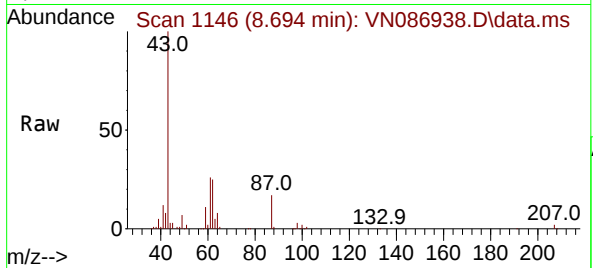
Tgt Ion:	62	Resp:	134489
Ion Ratio	100	Lower	Upper
98	11.1	0.0	21.2





#43
Isopropyl Acetate
Concen: 46.178 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

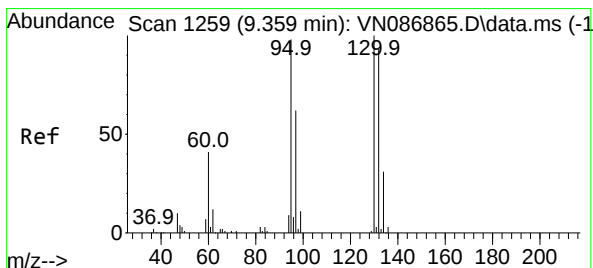
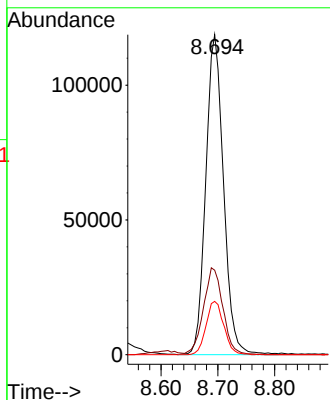
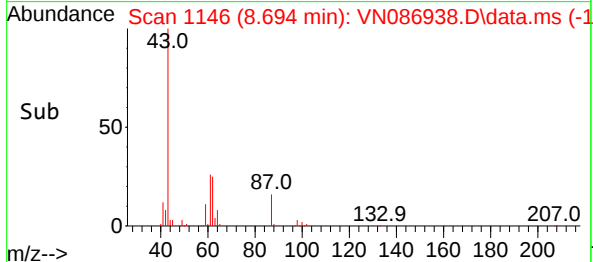
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 257199
Ion Ratio Lower Upper
43 100
61 29.7 22.1 33.1
87 16.6 11.8 17.6

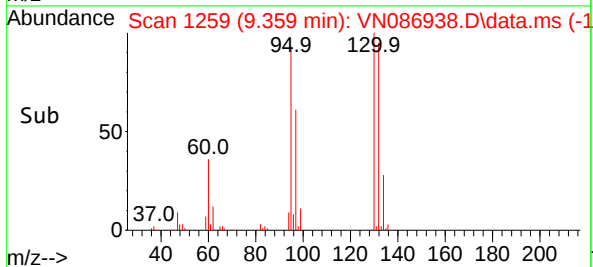
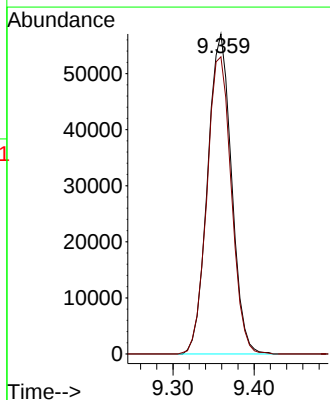
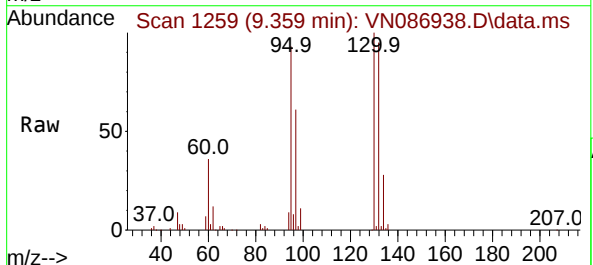
Manual Integrations
APPROVED

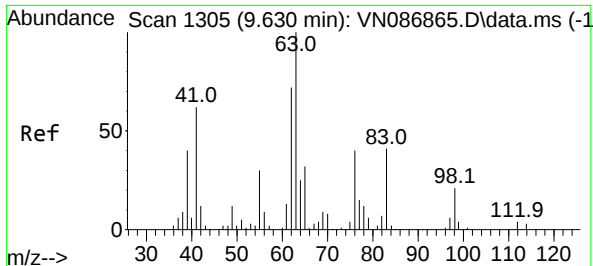
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#44
Trichloroethene
Concen: 55.301 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

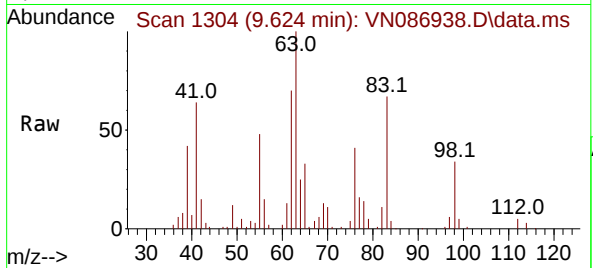
Tgt Ion:130 Resp: 116889
Ion Ratio Lower Upper
130 100
95 92.8 0.0 196.2





#45
1,2-Dichloropropane
Concen: 49.919 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

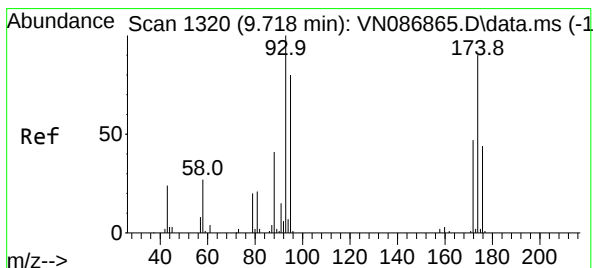
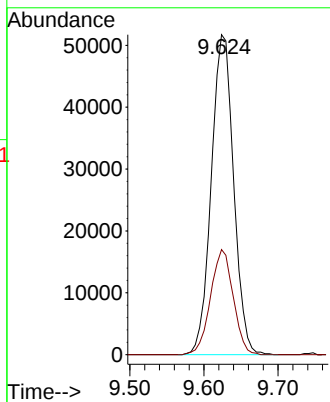
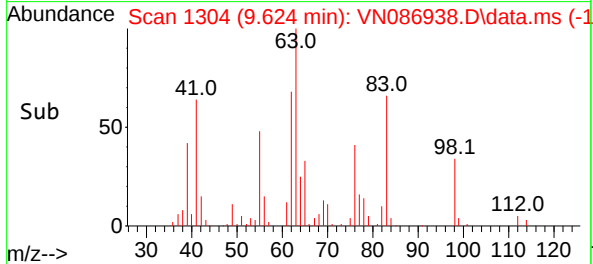
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 108258
Ion Ratio Lower Upper
63 100
65 32.8 25.5 38.3

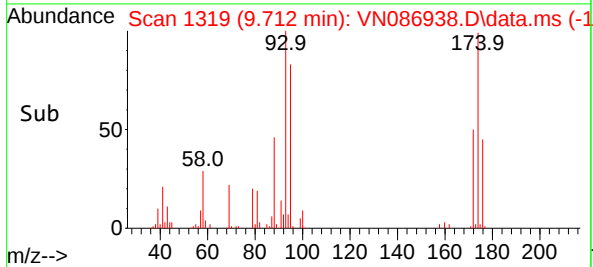
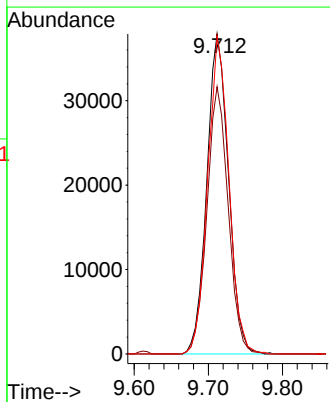
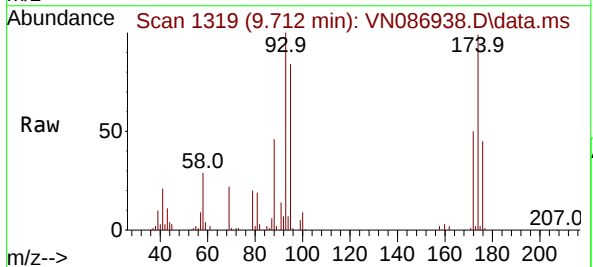
Manual Integrations
APPROVED

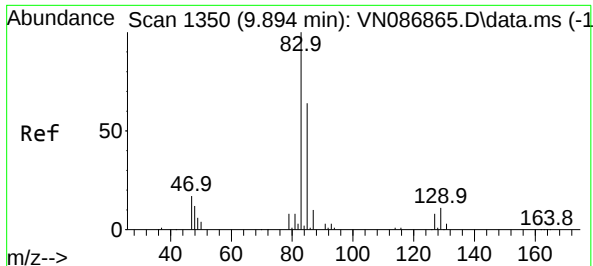
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#46
Dibromomethane
Concen: 53.450 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

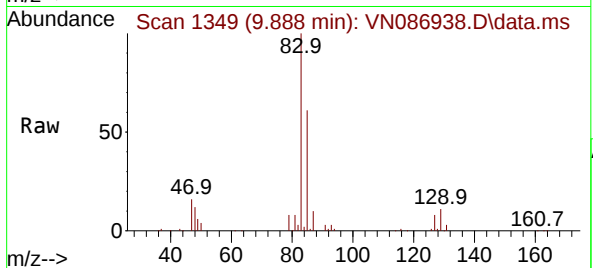
Tgt Ion: 93 Resp: 76994
Ion Ratio Lower Upper
93 100
95 82.2 67.1 100.7
174 97.2 74.2 111.4





#47
Bromodichloromethane
Concen: 50.334 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

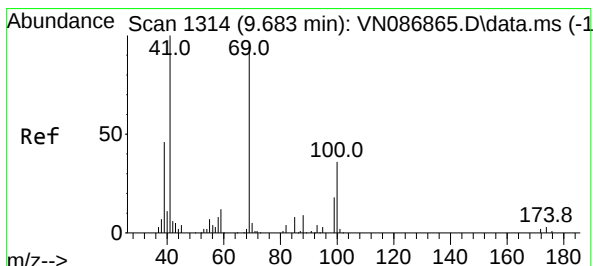
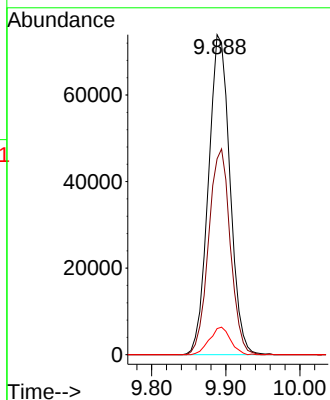
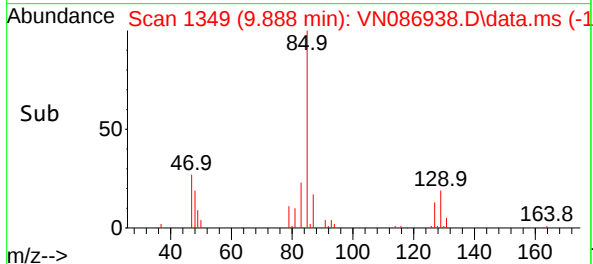
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



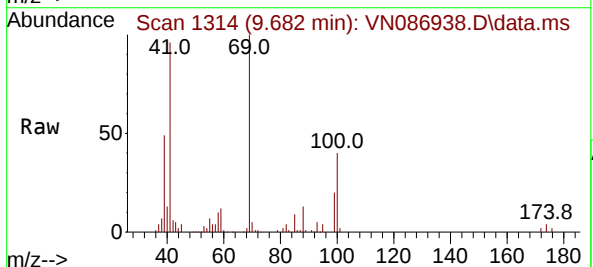
Tgt Ion: 83 Resp: 149170
Ion Ratio Lower Upper
83 100
85 61.2 50.9 76.3
127 8.1 6.6 10.0

Manual Integrations
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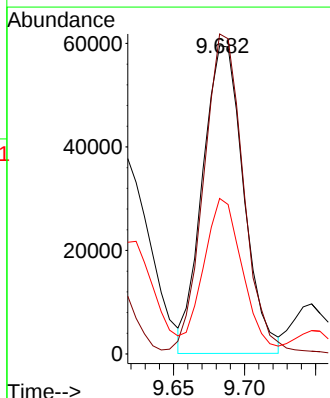
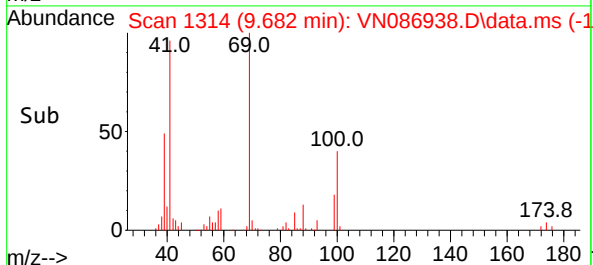
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

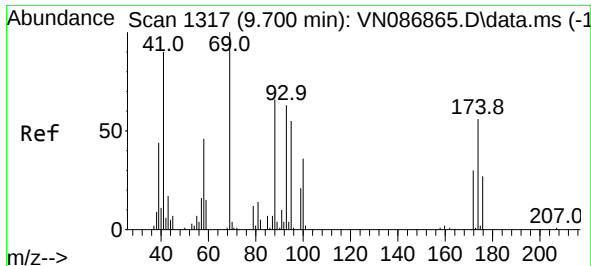


#48
Methyl methacrylate
Concen: 46.638 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57



Tgt Ion: 41 Resp: 119559
Ion Ratio Lower Upper
41 100
69 101.1 74.6 112.0
39 48.6 40.2 60.4





#49

1,4-Dioxane

Concen: 1087.344 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN086938.D

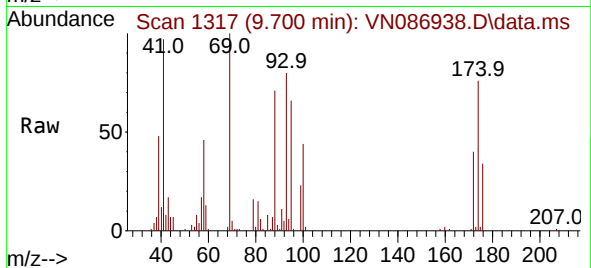
Acq: 10 Jun 2025 18:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



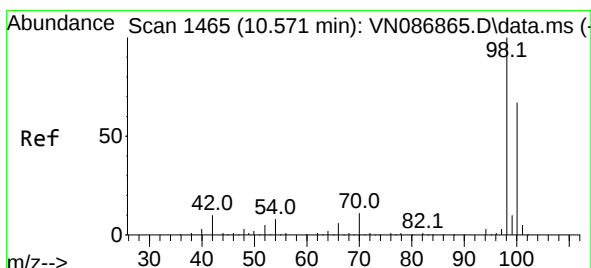
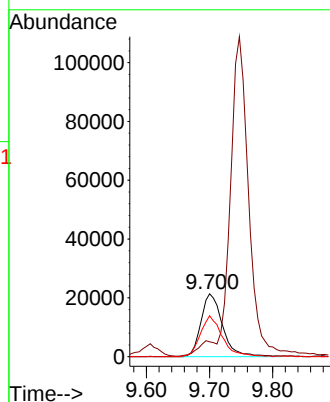
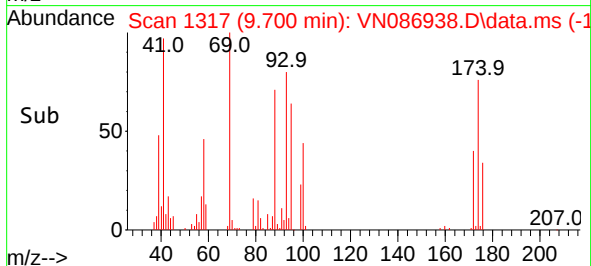
Tgt Ion:	88	Resp:	50710
Ion Ratio	Lower	Upper	
88	100		
43	17.7	0.0	0.0
58	66.1	57.7	86.5

Manual Integrations

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Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#50

Toluene-d8

Concen: 46.127 ug/l

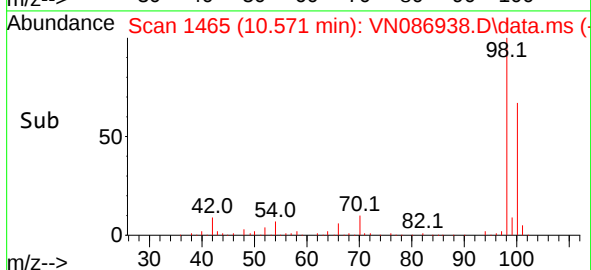
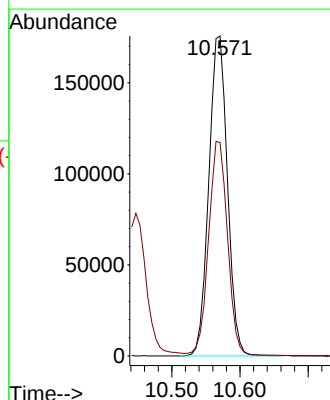
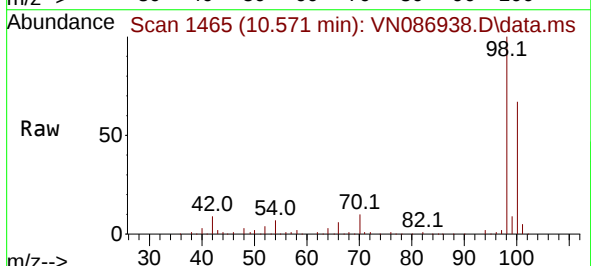
RT: 10.571 min Scan# 1465

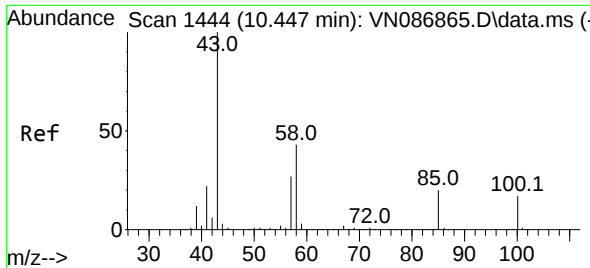
Delta R.T. -0.000 min

Lab File: VN086938.D

Acq: 10 Jun 2025 18:57

Tgt Ion:	98	Resp:	334058
Ion Ratio	Lower	Upper	
98	100		
100	68.3	53.4	80.0





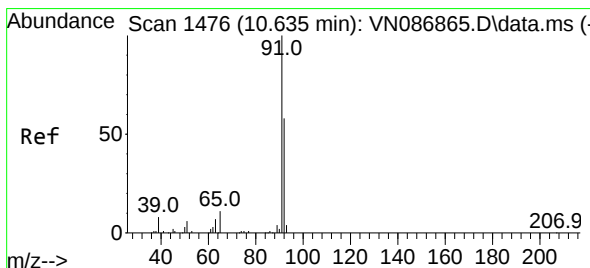
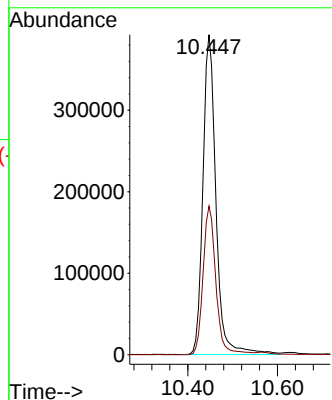
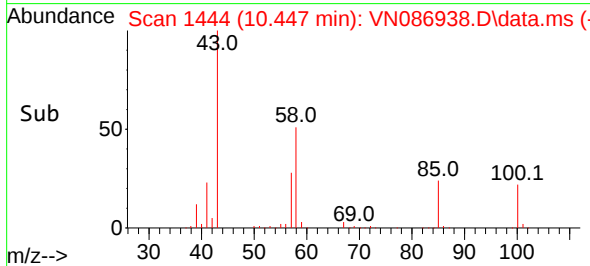
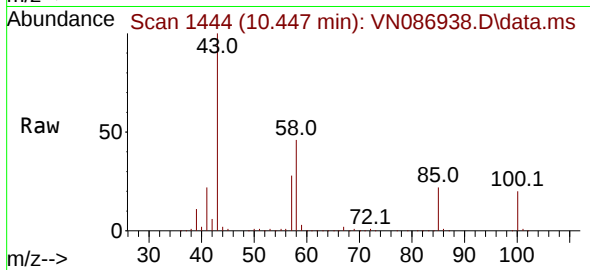
#51
4-Methyl-2-Pentanone
Concen: 235.919 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 791040
Ion Ratio Lower Upper
43 100
58 45.6 34.2 51.4

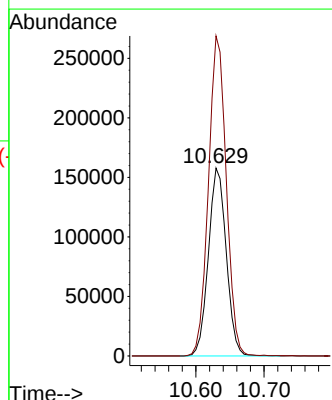
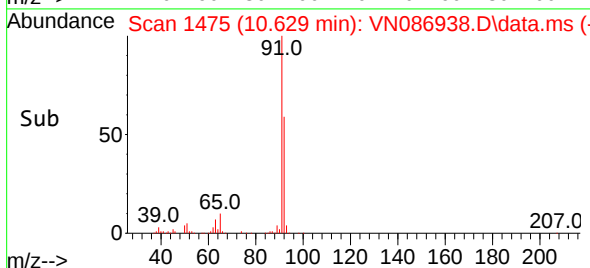
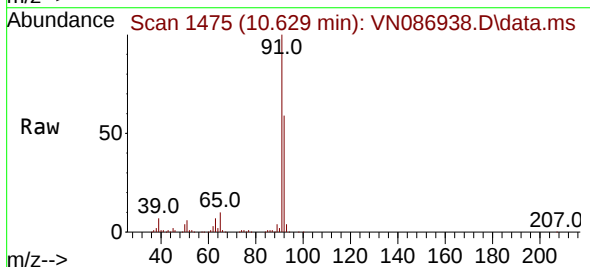
Manual Integrations
APPROVED

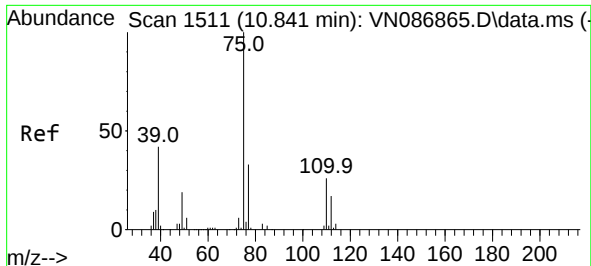
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#52
Toluene
Concen: 52.776 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 92 Resp: 287508
Ion Ratio Lower Upper
92 100
91 170.4 136.5 204.7





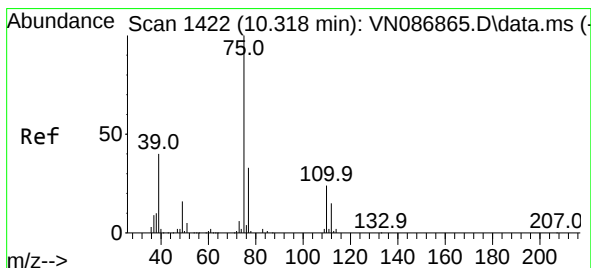
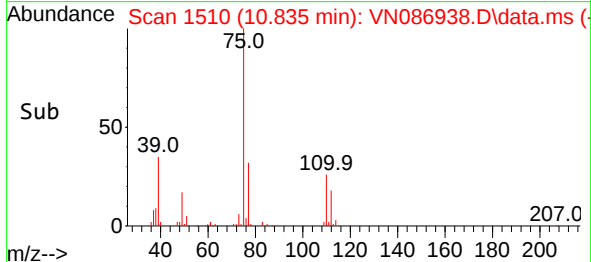
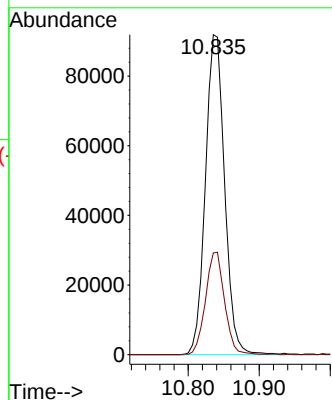
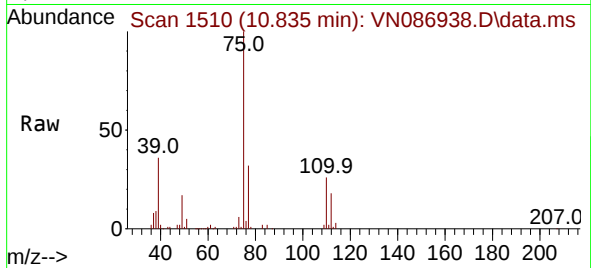
#53
t-1,3-Dichloropropene
Concen: 52.155 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 172844
Ion Ratio Lower Upper
75 100
77 31.8 26.4 39.6

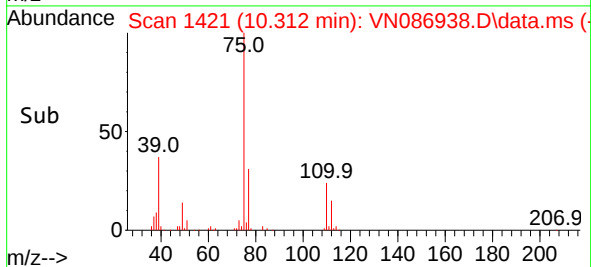
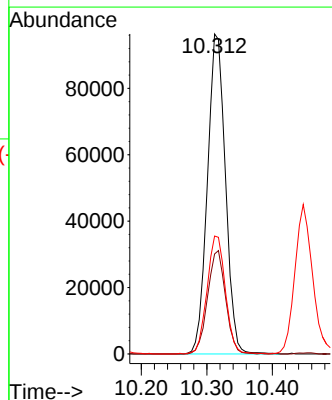
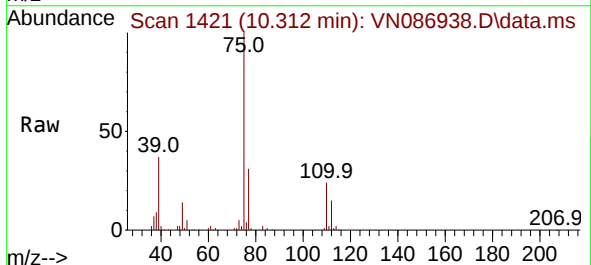
Manual Integrations
APPROVED

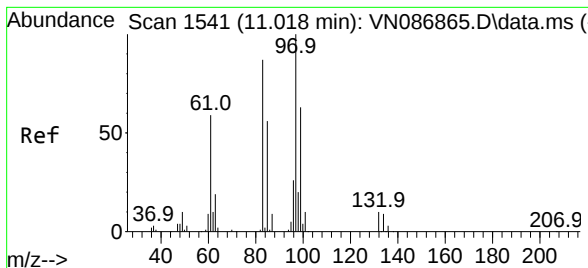
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#54
cis-1,3-Dichloropropene
Concen: 51.925 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

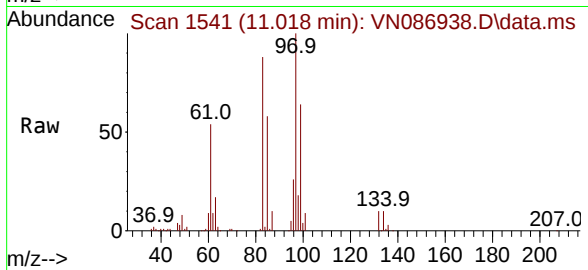
Tgt Ion: 75 Resp: 184125
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.4
39 36.7 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 50.903 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

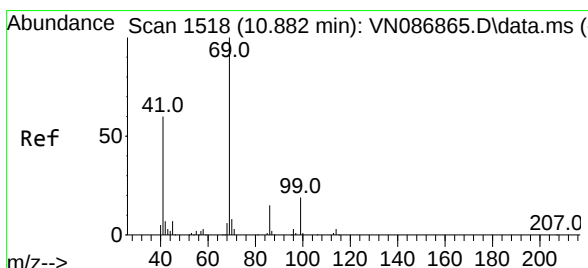
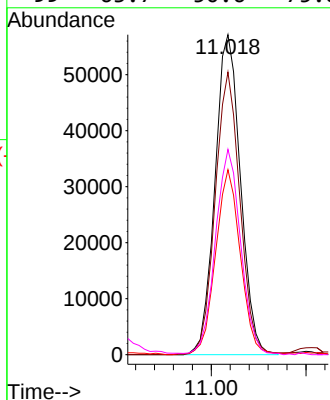
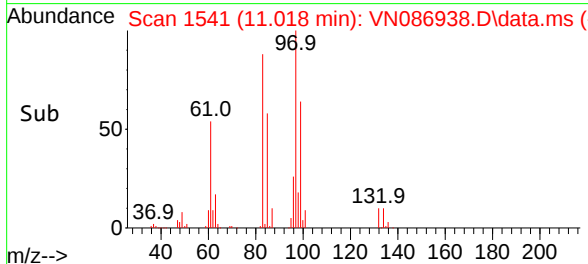
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



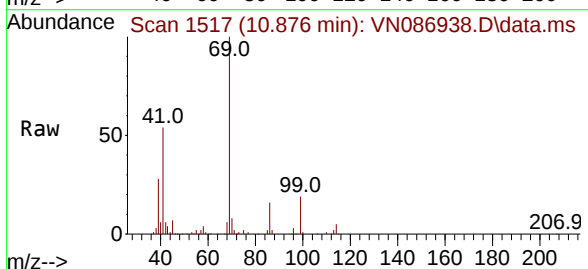
Tgt Ion: 97 Resp: 10670
Ion Ratio Lower Upper
97 100
83 88.3 69.7 104.5
85 57.5 45.1 67.7
99 63.7 50.6 75.8

Manual Integrations
APPROVED

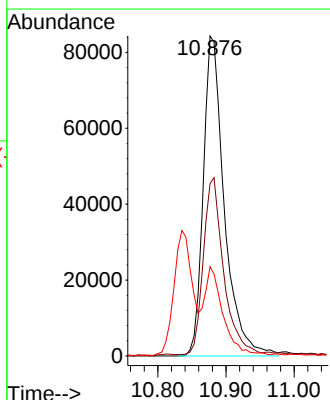
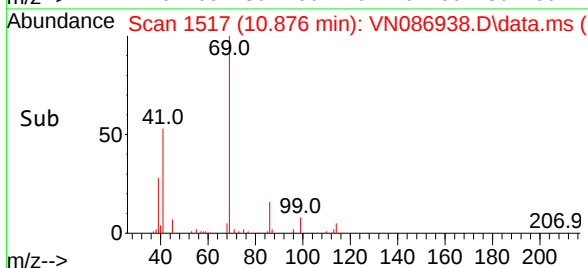
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

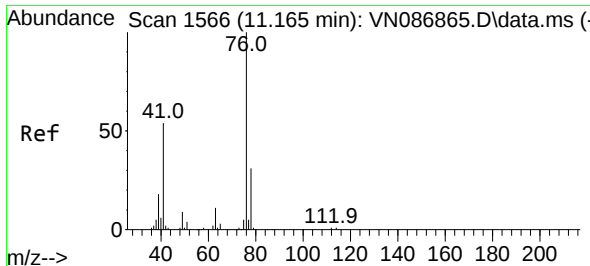


#56
Ethyl methacrylate
Concen: 54.342 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57



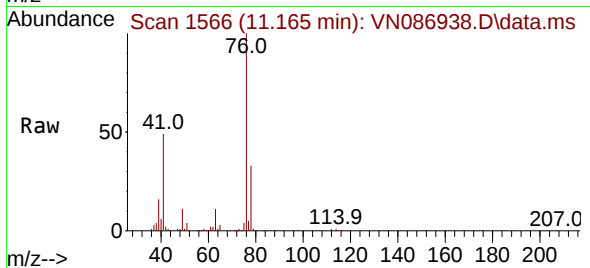
Tgt Ion: 69 Resp: 181431
Ion Ratio Lower Upper
69 100
41 53.1 47.2 70.8
39 24.7 23.0 34.6





#57
1,3-Dichloropropane
Concen: 50.656 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

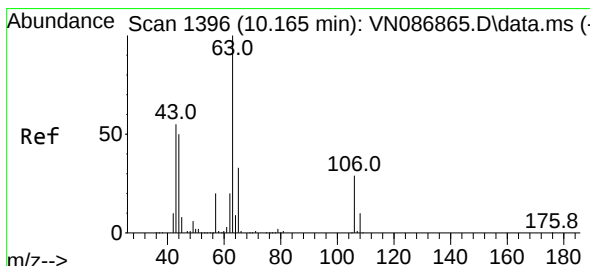
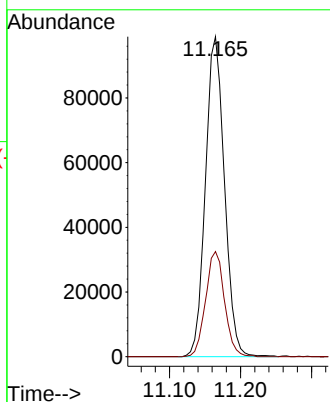
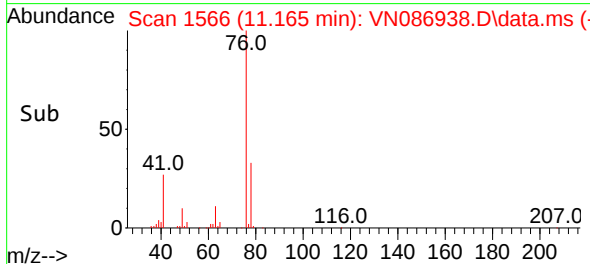
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



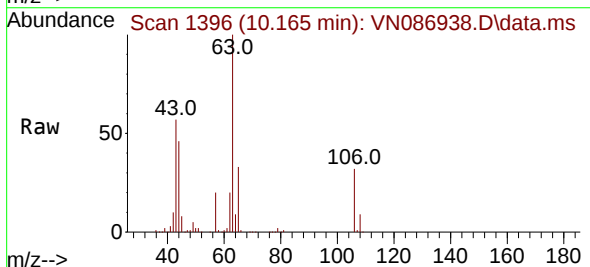
Tgt Ion: 76 Resp: 184198
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9

Manual Integrations
APPROVED

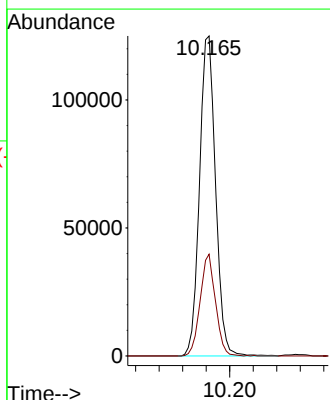
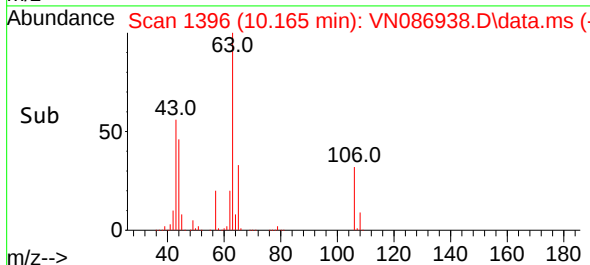
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

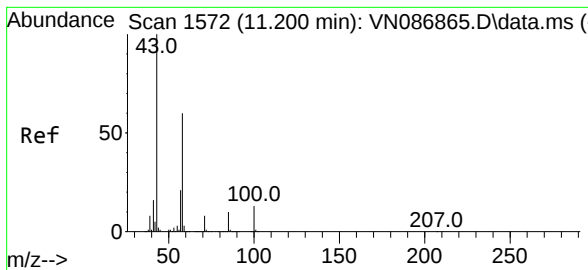


#58
2-Chloroethyl Vinyl ether
Concen: 118.651 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57



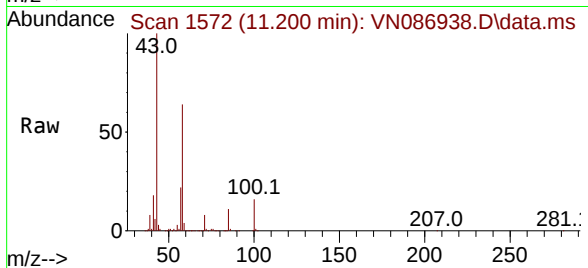
Tgt Ion: 63 Resp: 236277
Ion Ratio Lower Upper
63 100
106 30.3 23.0 34.6





#59
2-Hexanone
Concen: 240.145 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

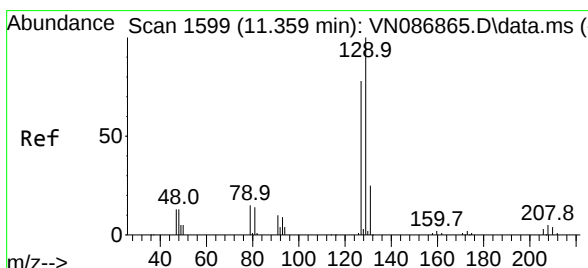
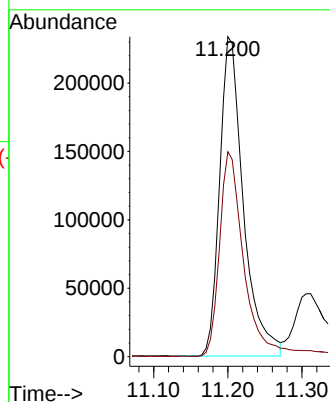
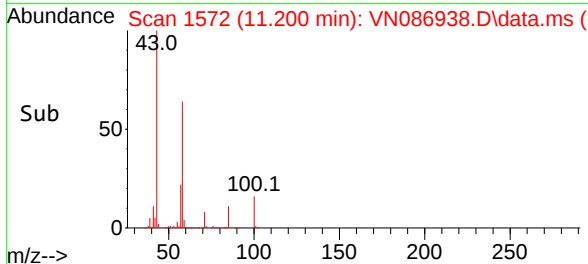
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



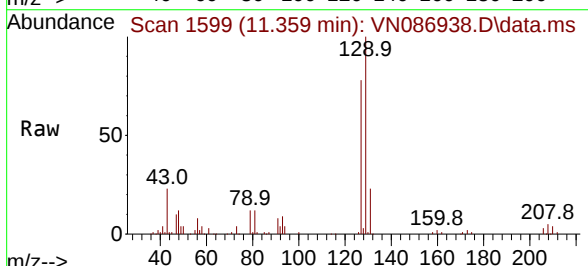
Tgt Ion: 43 Resp: 518664
Ion Ratio Lower Upper
43 100
58 68.3 30.4 91.3

Manual Integrations
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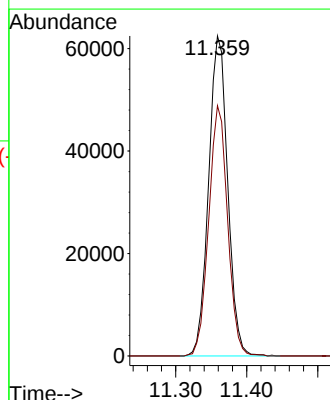
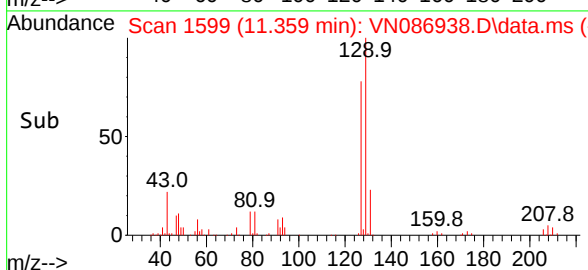
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

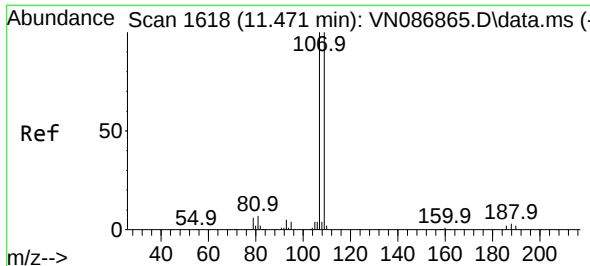


#60
Dibromochloromethane
Concen: 53.416 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57



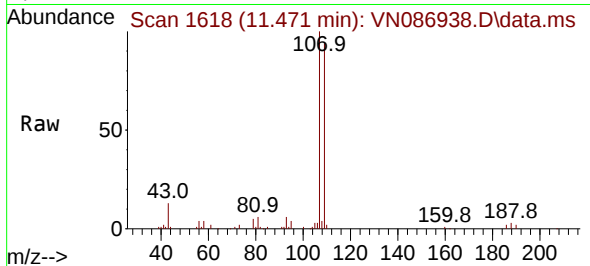
Tgt Ion:129 Resp: 116659
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 53.422 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

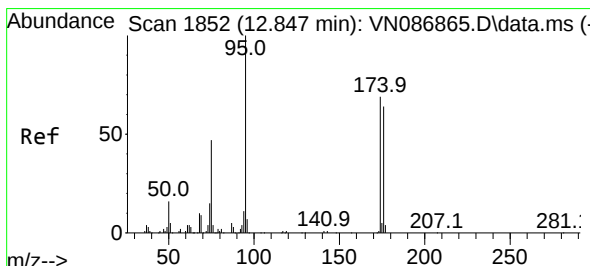
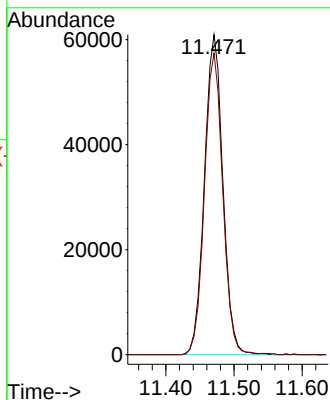
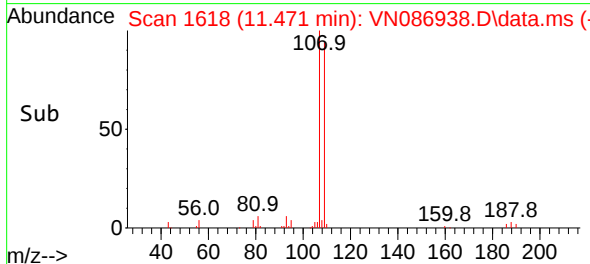
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



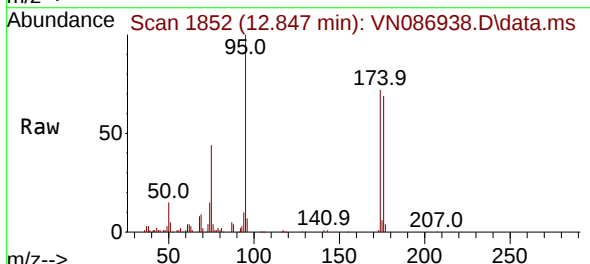
Tgt Ion:107 Resp: 114780
Ion Ratio Lower Upper
107 100
109 93.4 76.3 114.5

Manual Integrations
APPROVED

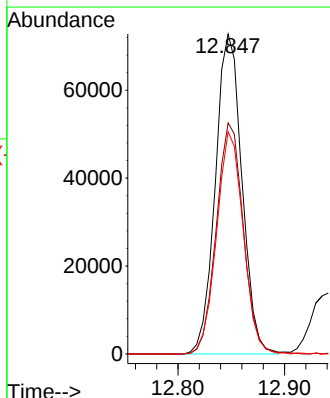
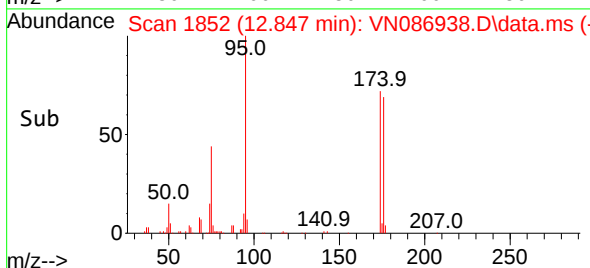
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

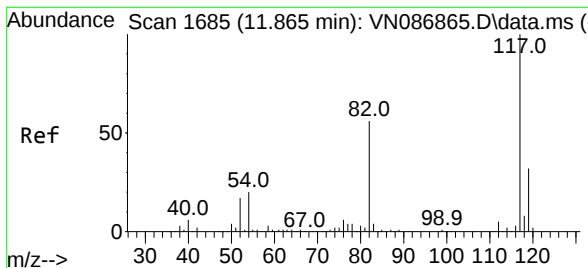


#62
4-Bromofluorobenzene
Concen: 46.767 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57



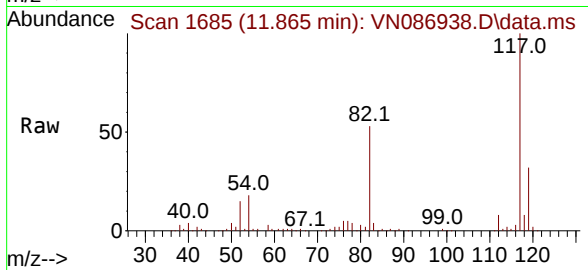
Tgt Ion: 95 Resp: 125834
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.8
176 69.6 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

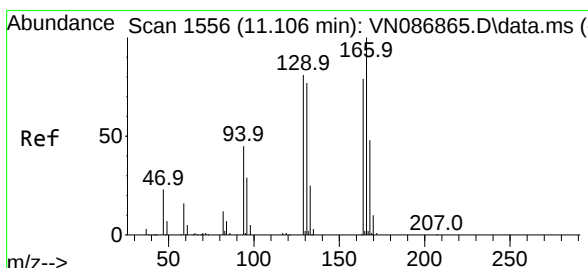
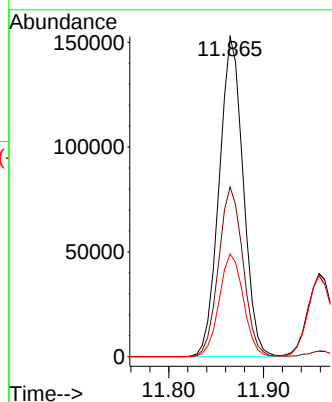
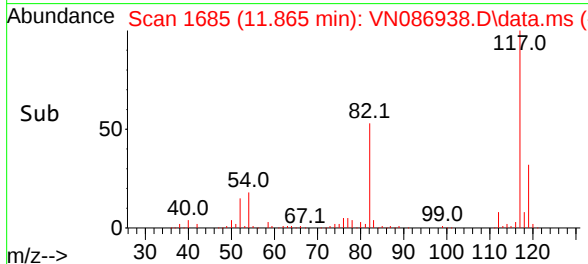
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 26958
Ion Ratio Lower Upper
117 100
82 53.0 44.6 67.0
119 32.1 25.5 38.3

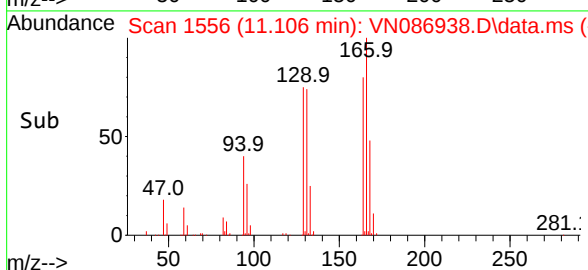
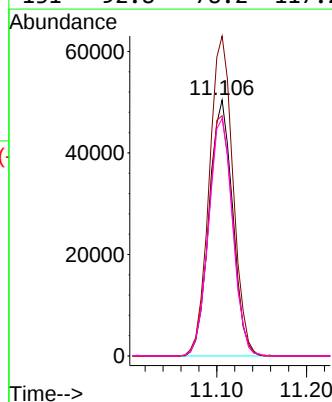
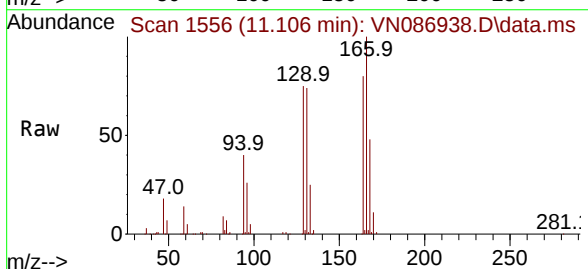
Manual Integrations
APPROVED

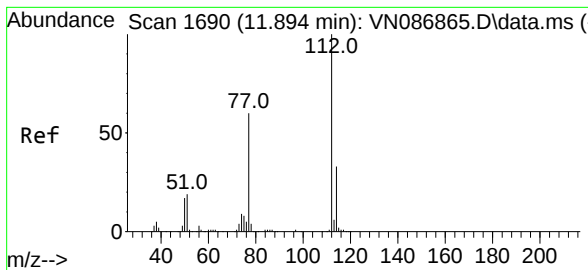
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#64
Tetrachloroethene
Concen: 53.850 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

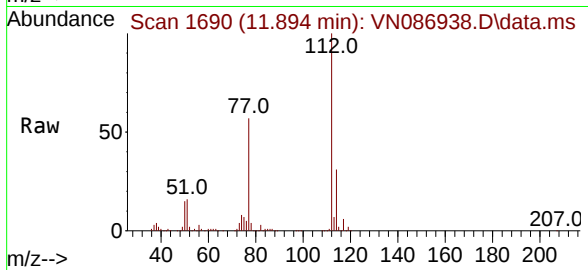
Tgt Ion:164 Resp: 91874
Ion Ratio Lower Upper
164 100
166 125.0 101.8 152.8
129 93.9 83.0 124.4
131 92.8 78.2 117.2





#65
Chlorobenzene
Concen: 53.264 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

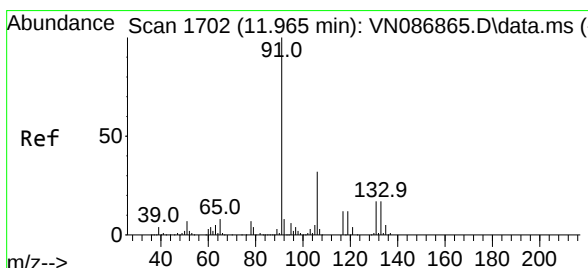
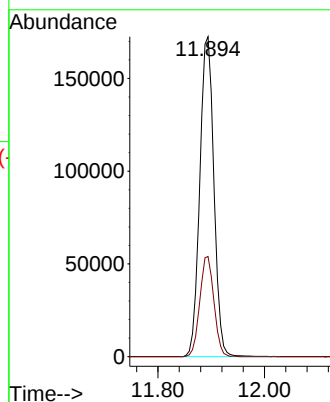
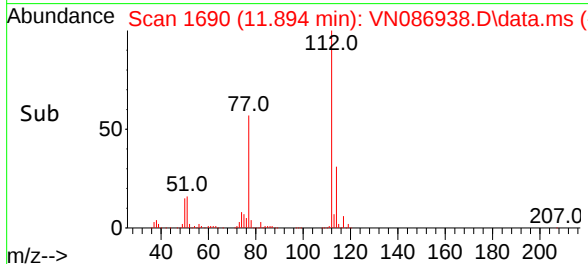
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



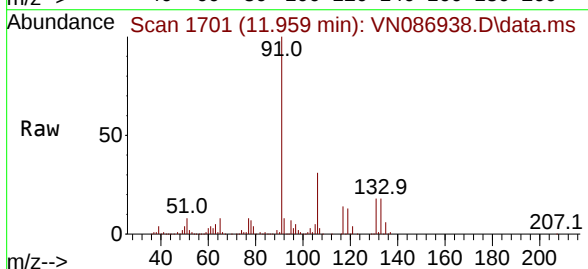
Tgt Ion:112 Resp: 316690
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2

Manual Integrations
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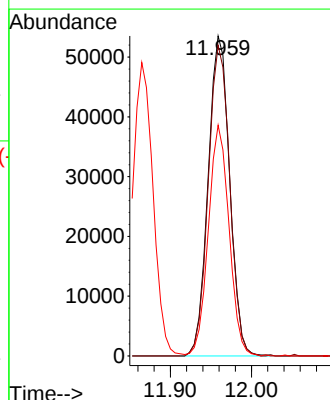
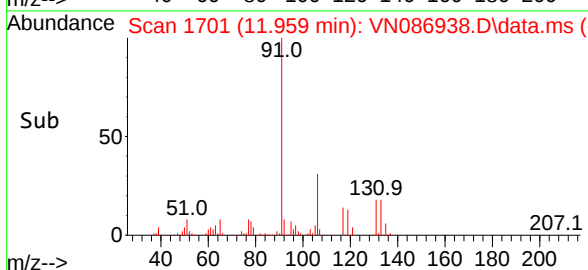
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

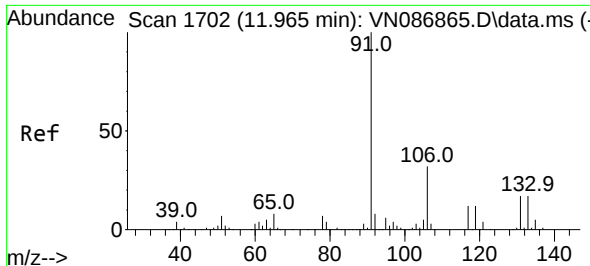


#66
1,1,1,2-Tetrachloroethane
Concen: 51.578 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57



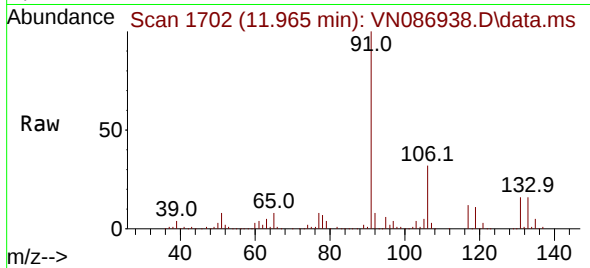
Tgt Ion:131 Resp: 98580
Ion Ratio Lower Upper
131 100
133 97.0 48.3 144.8
119 69.5 34.0 101.8





#67
Ethyl Benzene
Concen: 52.405 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

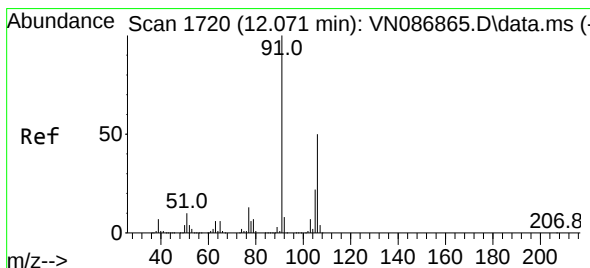
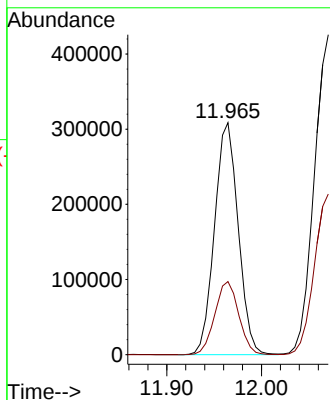
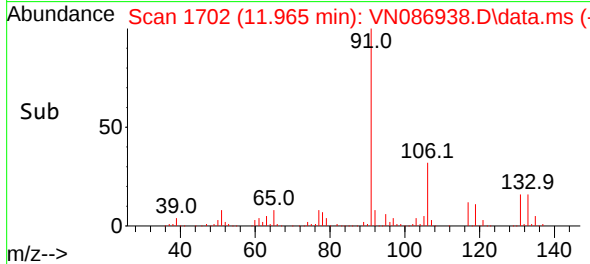
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



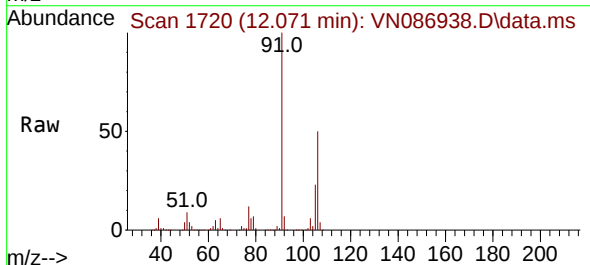
Tgt Ion: 91 Resp: 536714
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2

Manual Integrations
APPROVED

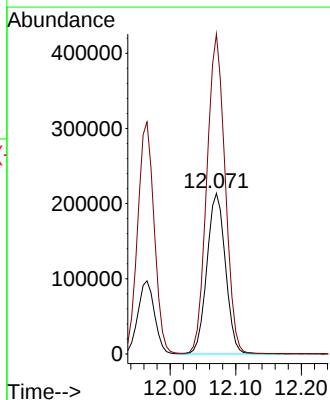
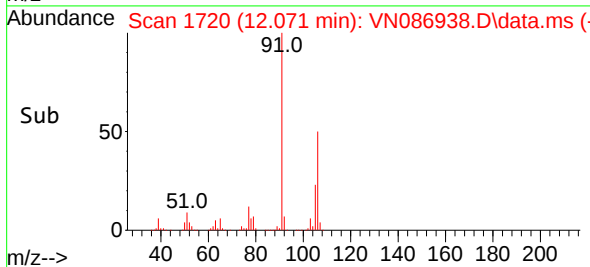
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

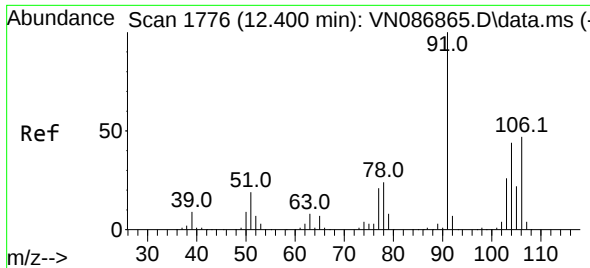


#68
m/p-Xylenes
Concen: 106.858 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57



Tgt Ion:106 Resp: 418936
Ion Ratio Lower Upper
106 100
91 196.5 159.4 239.0





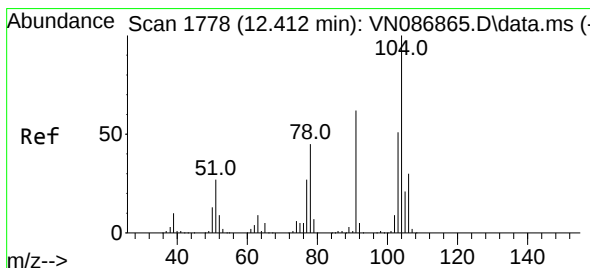
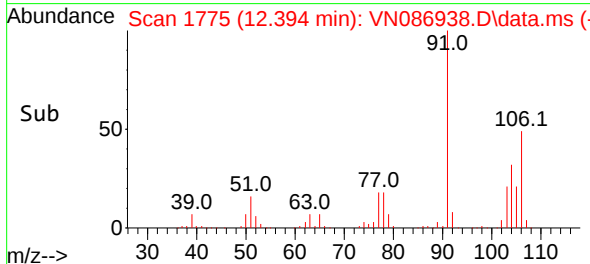
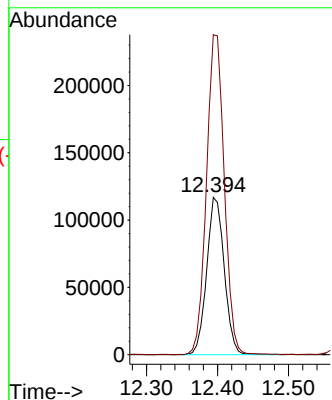
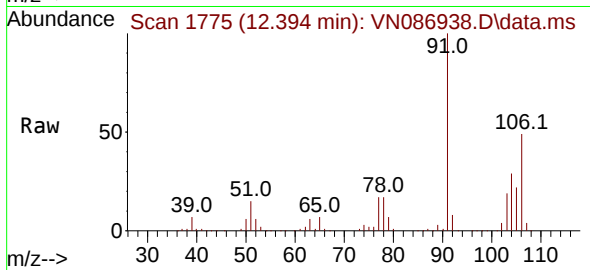
#69
o-Xylene
Concen: 53.615 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 20131
Ion Ratio Lower Upper
106 100
91 206.6 106.1 318.1

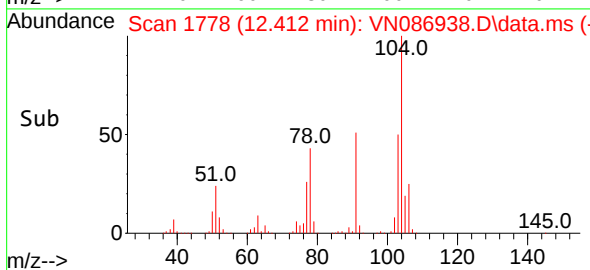
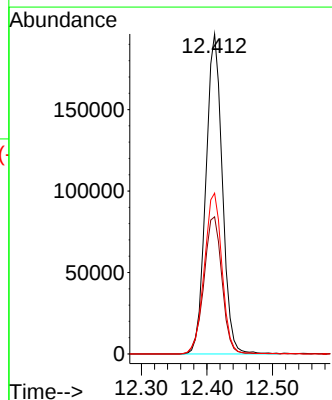
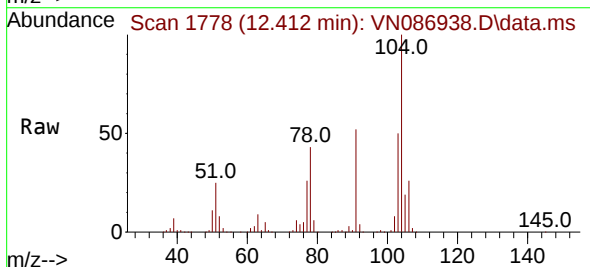
Manual Integrations
APPROVED

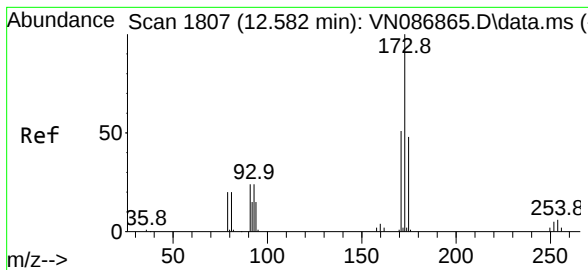
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#70
Styrene
Concen: 53.450 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

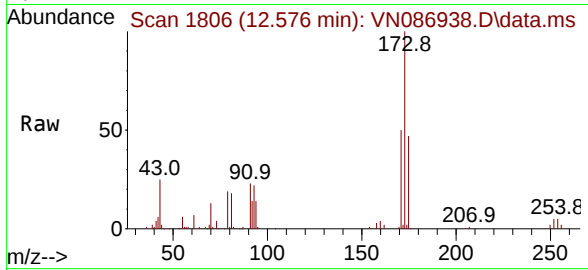
Tgt Ion:104 Resp: 343422
Ion Ratio Lower Upper
104 100
78 47.1 38.5 57.7
103 54.0 43.1 64.7





#71
Bromoform
Concen: 55.657 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

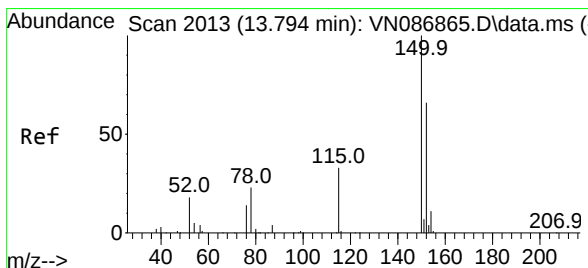
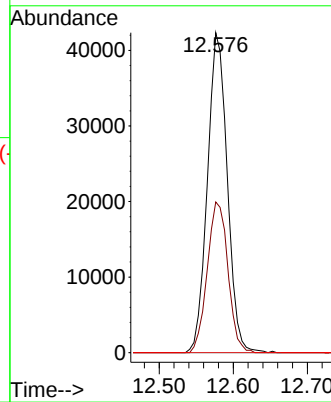
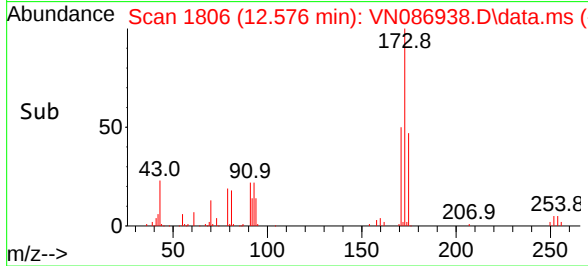
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



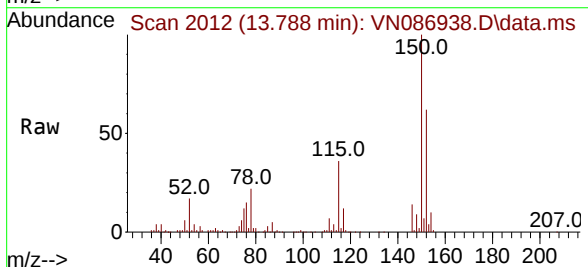
Tgt Ion:173 Resp: 78819
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

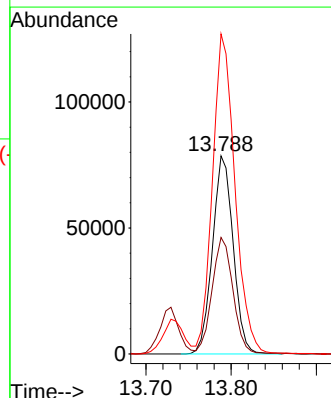
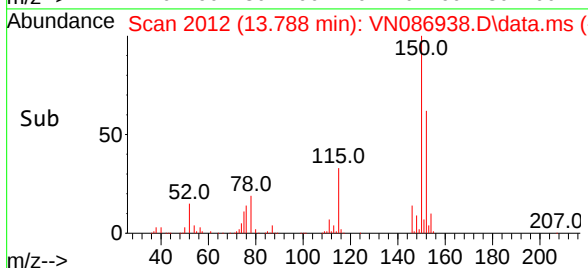
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

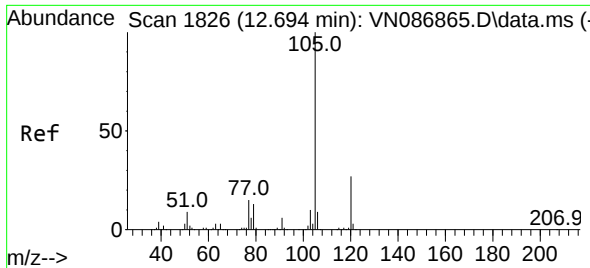


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57



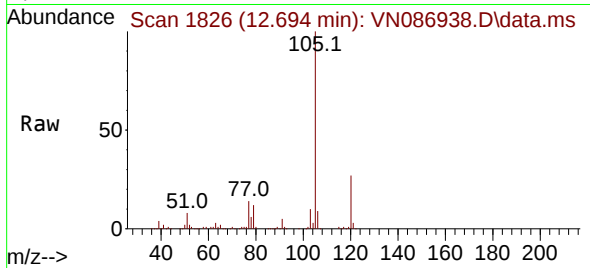
Tgt Ion:152 Resp: 132769
Ion Ratio Lower Upper
152 100
115 59.5 30.1 90.5
150 176.3 0.0 345.0





#73
Isopropylbenzene
Concen: 50.649 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

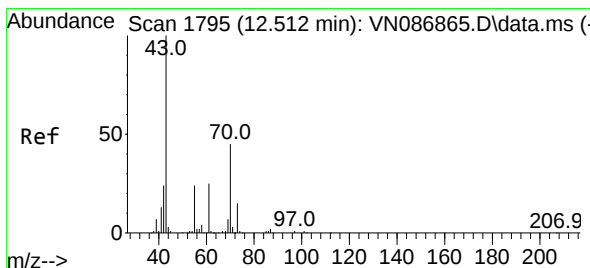
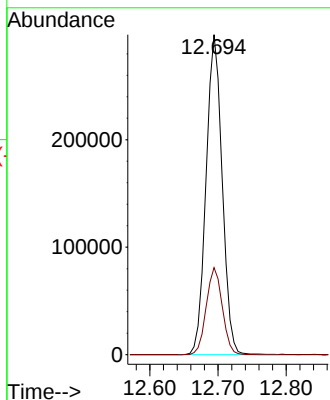
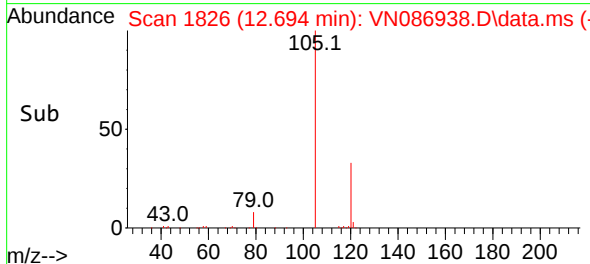
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 489897
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

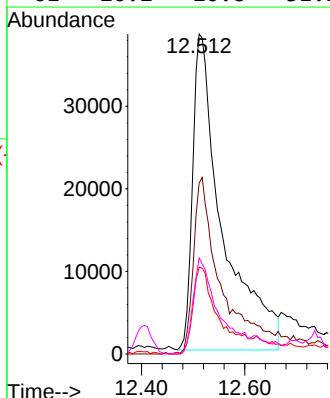
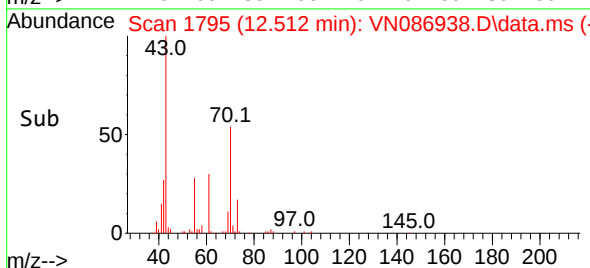
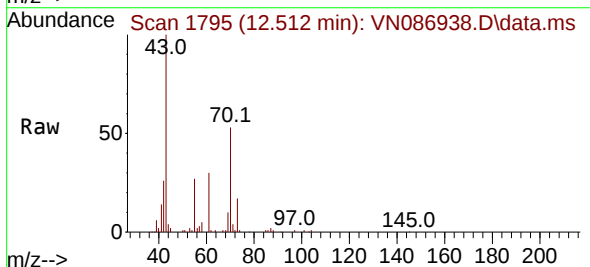
Manual Integrations
APPROVED

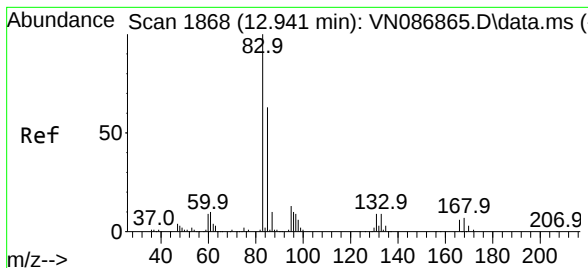
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#74
N-ethyl acetate
Concen: 45.303 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

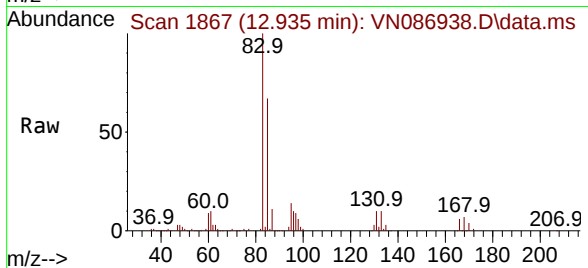
Tgt Ion: 43 Resp: 153120
Ion Ratio Lower Upper
43 100
70 55.0 37.6 56.4
55 23.8 19.0 28.6
61 26.2 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.740 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

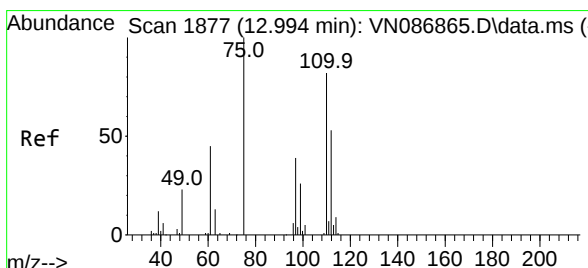
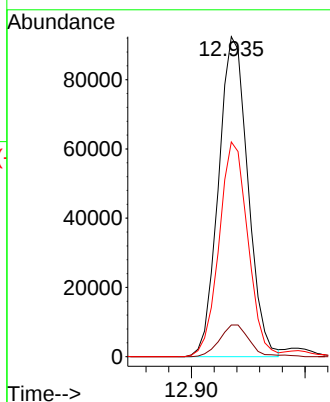
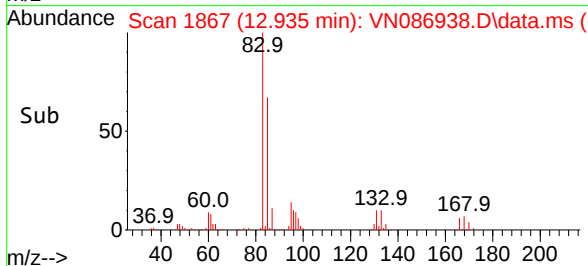
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 166262
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 65.7 32.0 96.0

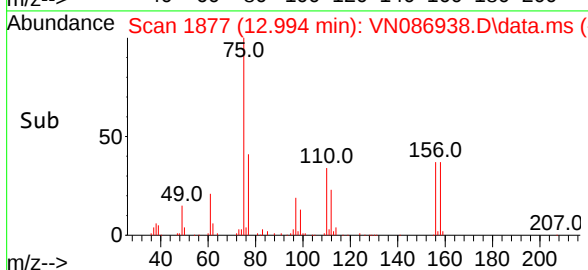
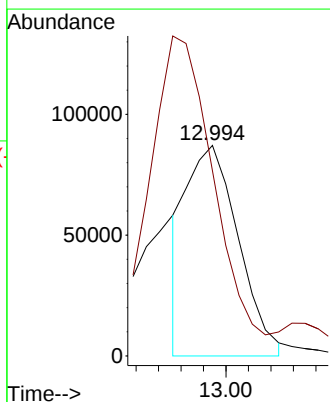
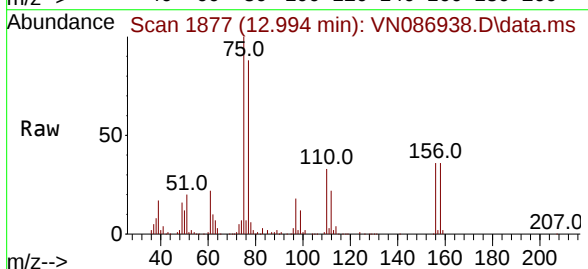
Manual Integrations
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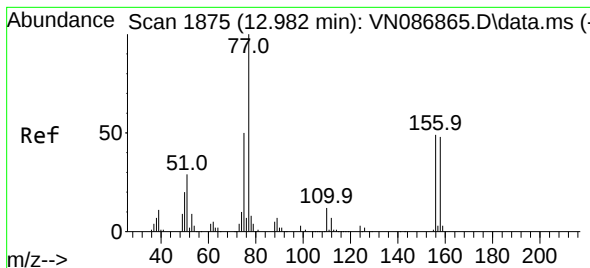
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#76
1,2,3-Trichloropropane
Concen: 44.539 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 75 Resp: 140564
Ion Ratio Lower Upper
75 100
77 191.1 79.3 237.9





#77

Bromobenzene

Concen: 54.696 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN086938.D

Acq: 10 Jun 2025 18:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

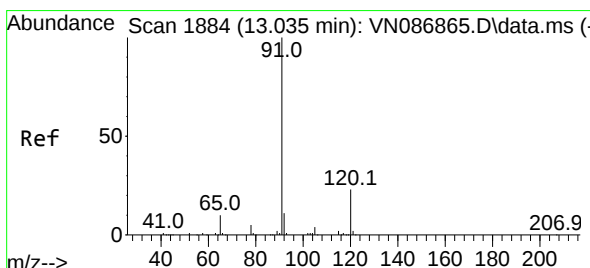
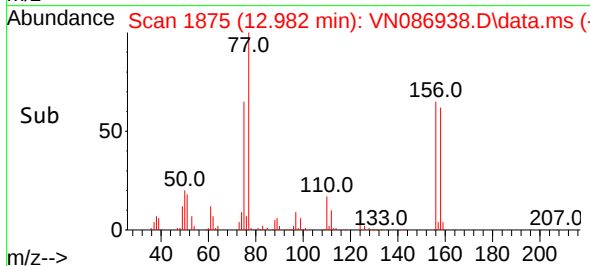
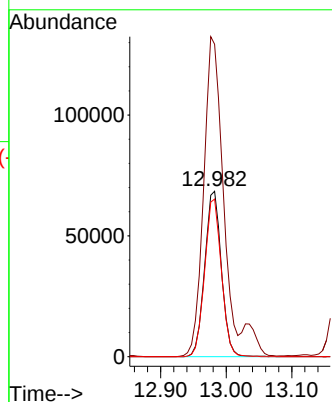
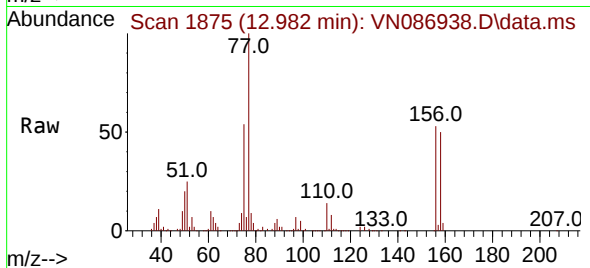
Tgt Ion:	156	Resp:	121320
Ion Ratio	Lower	Upper	
156	100		
77	221.4	117.7	353.1
158	95.5	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#78

n-propylbenzene

Concen: 49.576 ug/l

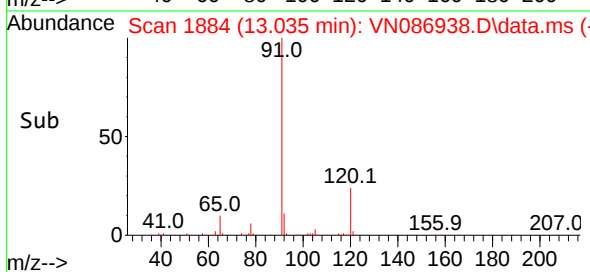
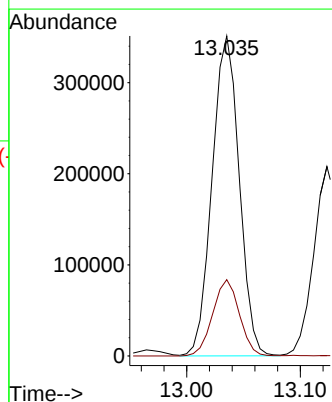
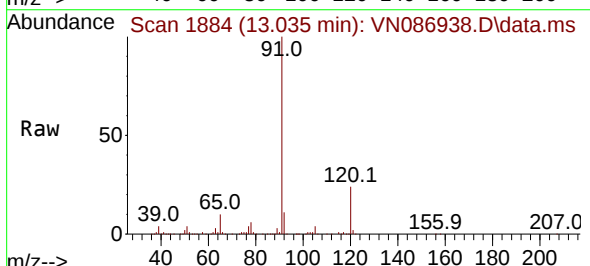
RT: 13.035 min Scan# 1884

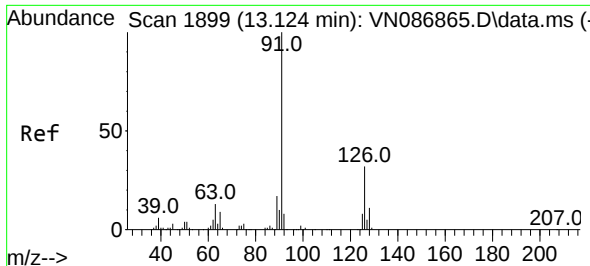
Delta R.T. -0.000 min

Lab File: VN086938.D

Acq: 10 Jun 2025 18:57

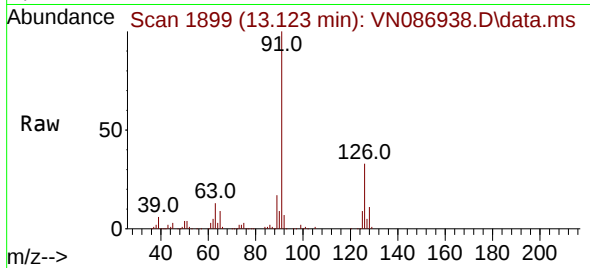
Tgt Ion:	91	Resp:	582741
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.4	34.2





#79
2-Chlorotoluene
Concen: 50.413 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

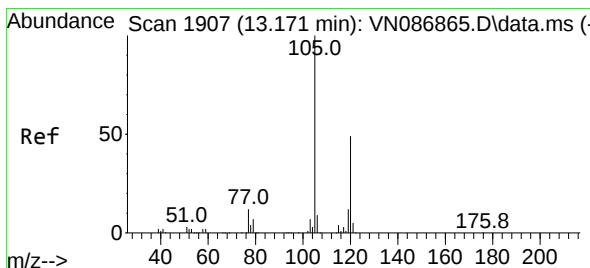
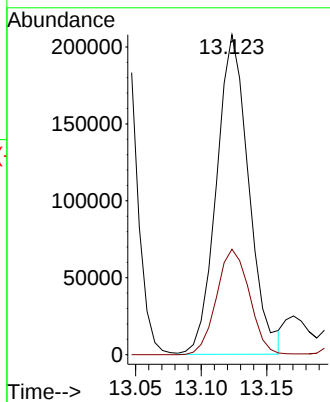
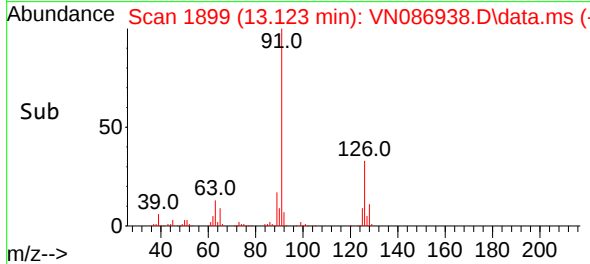
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 355379
Ion Ratio Lower Upper
91 100
126 33.6 16.2 48.5

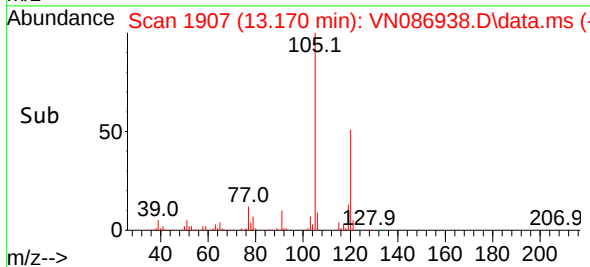
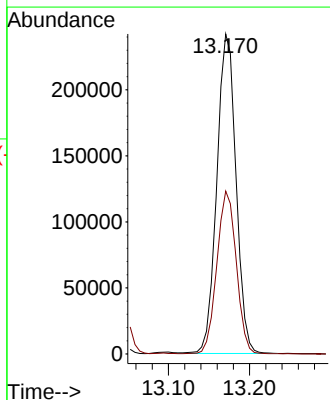
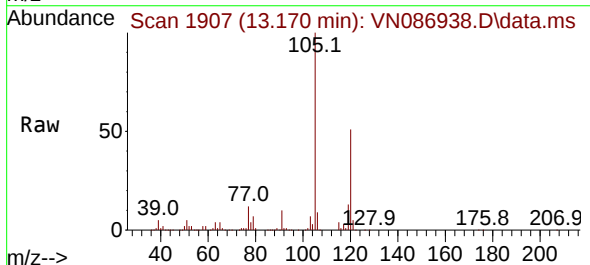
Manual Integrations
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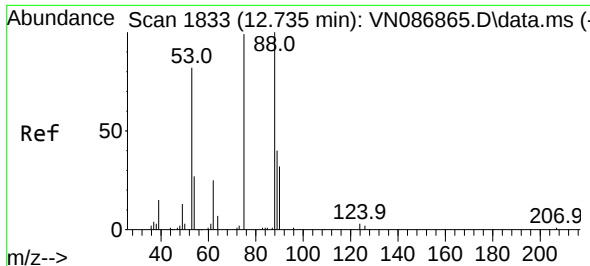
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.866 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

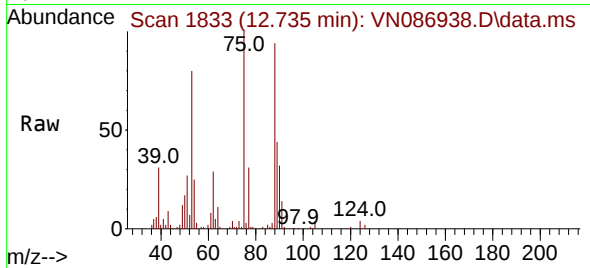
Tgt Ion:105 Resp: 398214
Ion Ratio Lower Upper
105 100
120 51.7 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.557 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

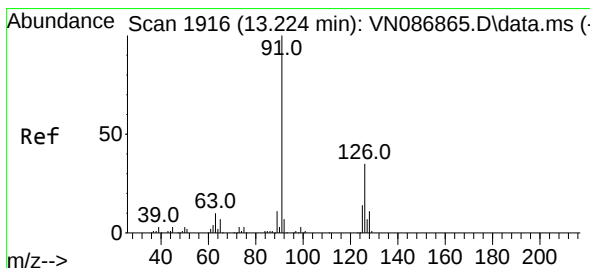
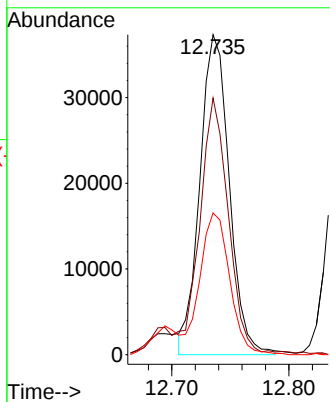
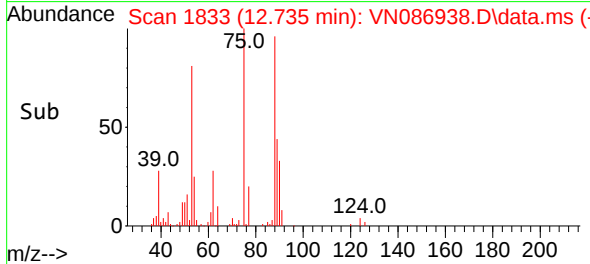
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 65200
Ion Ratio Lower Upper
75 100
53 79.5 66.6 99.8
89 45.3 36.7 55.1

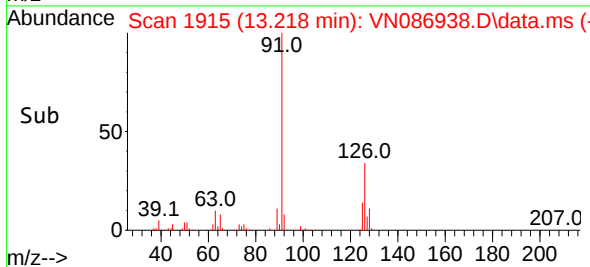
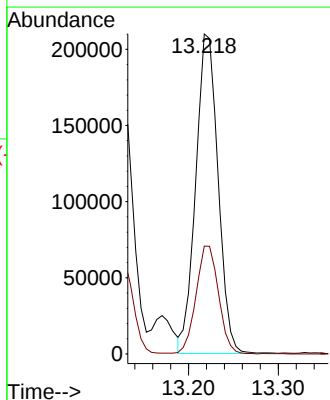
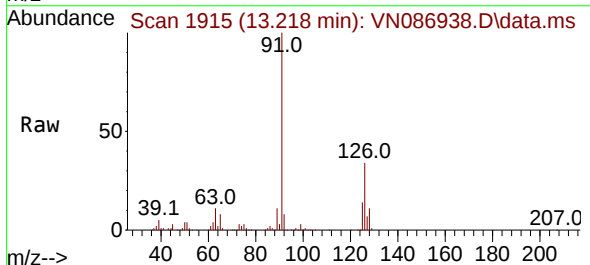
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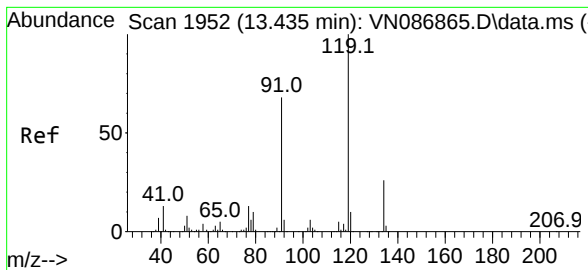
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#82
4-Chlorotoluene
Concen: 50.772 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

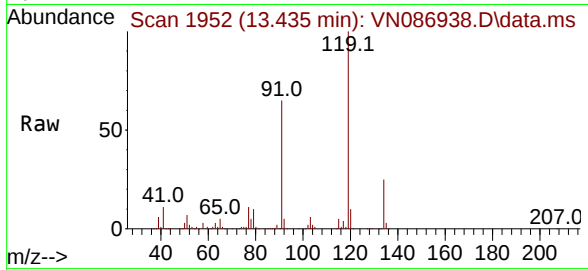
Tgt Ion: 91 Resp: 362142
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.1





#83
 tert-Butylbenzene
 Concen: 48.578 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086938.D
 Acq: 10 Jun 2025 18:57

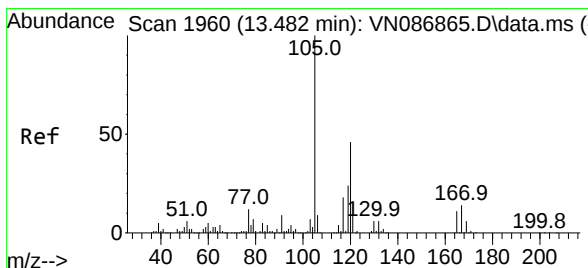
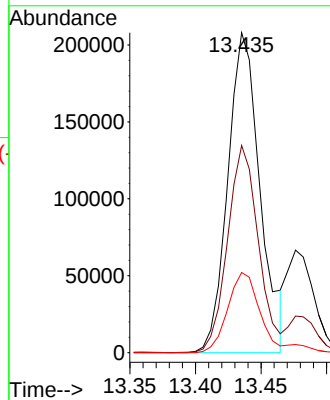
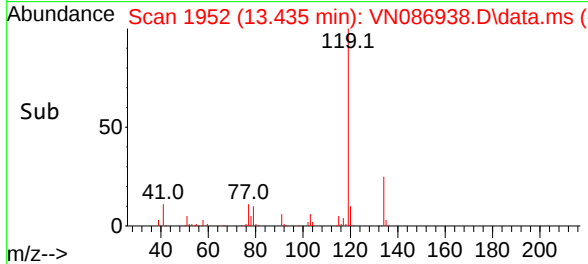
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



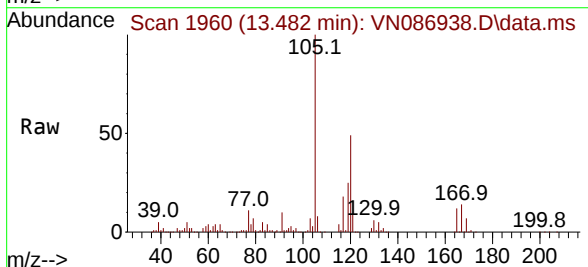
Tgt Ion:119 Resp: 355100
 Ion Ratio Lower Upper
 119 100
 91 62.1 32.1 96.5
 134 26.5 13.4 40.1

Manual Integrations
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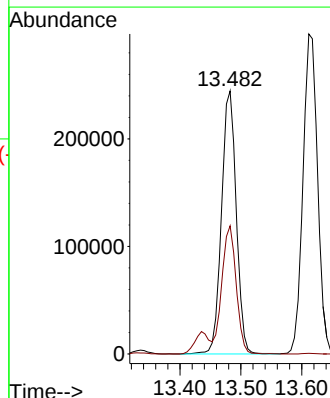
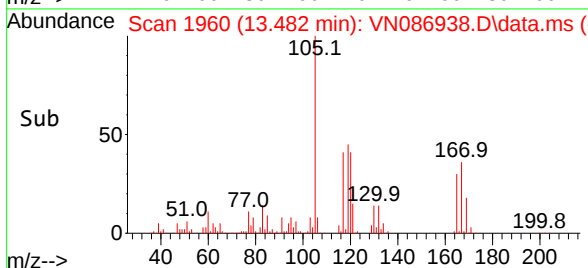
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025

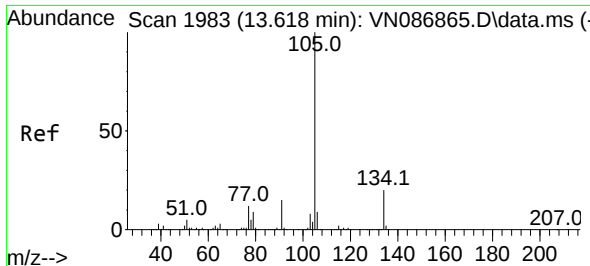


#84
 1,2,4-Trimethylbenzene
 Concen: 51.335 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN086938.D
 Acq: 10 Jun 2025 18:57



Tgt Ion:105 Resp: 411074
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.2 69.6





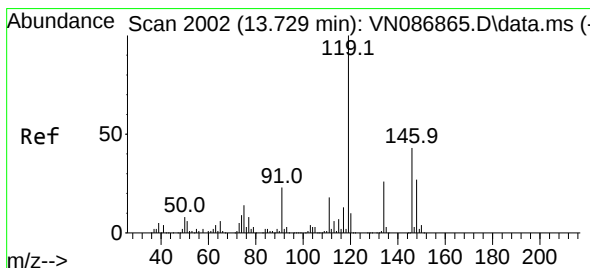
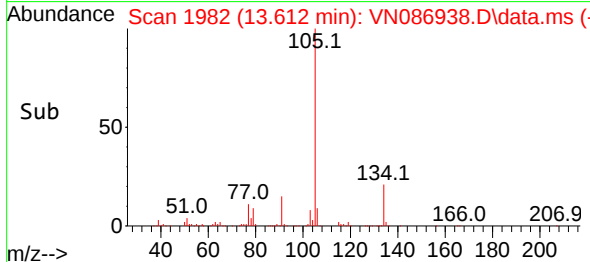
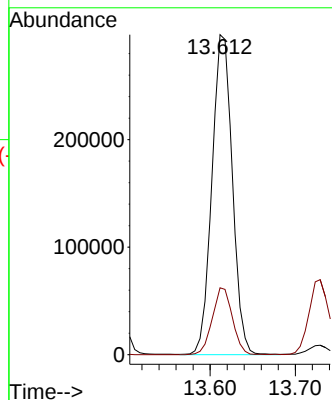
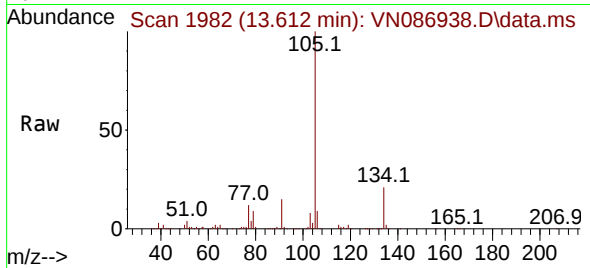
#85
 sec-Butylbenzene
 Concen: 46.707 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN086938.D
 Acq: 10 Jun 2025 18:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 49581
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 30.0

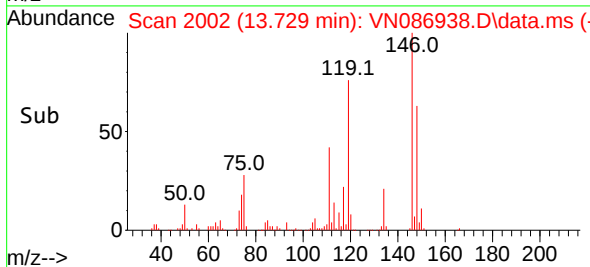
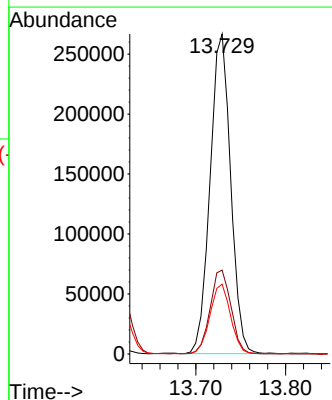
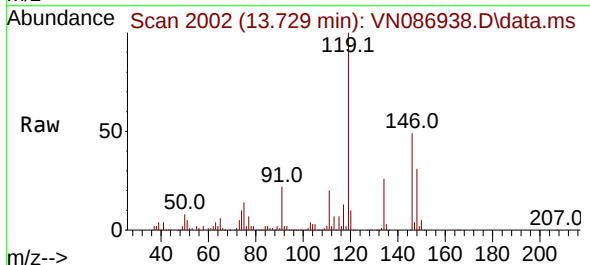
Manual Integrations
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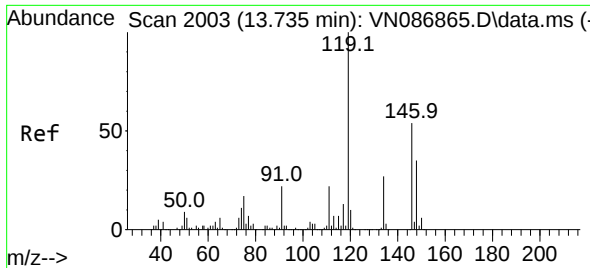
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#86
 p-Isopropyltoluene
 Concen: 48.202 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086938.D
 Acq: 10 Jun 2025 18:57

Tgt Ion:119 Resp: 422980
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.4
 91 21.7 11.5 34.4





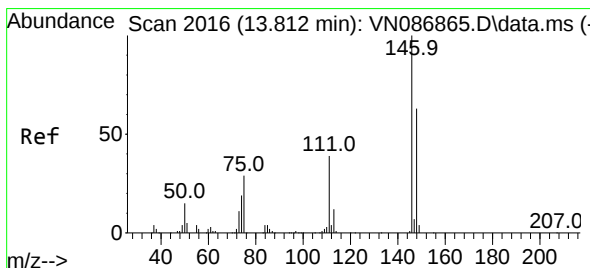
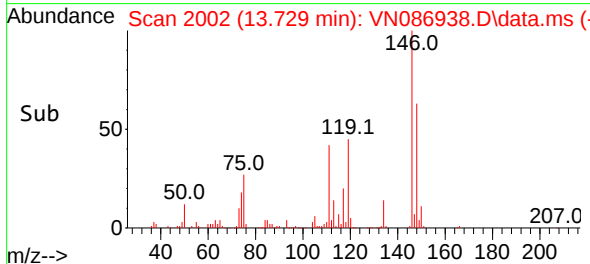
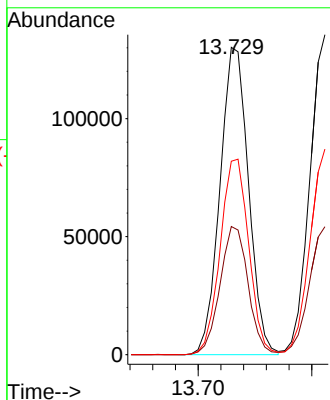
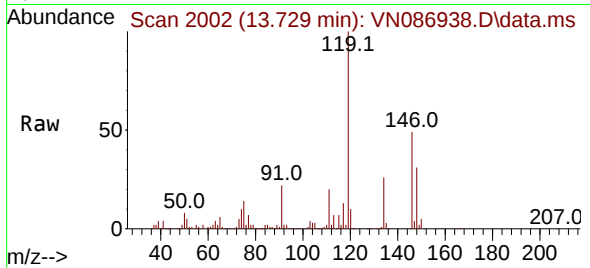
#87
 1,3-Dichlorobenzene
 Concen: 52.144 ug/l
 RT: 13.729 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN086938.D
 Acq: 10 Jun 2025 18:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 22757
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.9 62.8
 148 63.6 32.0 96.2

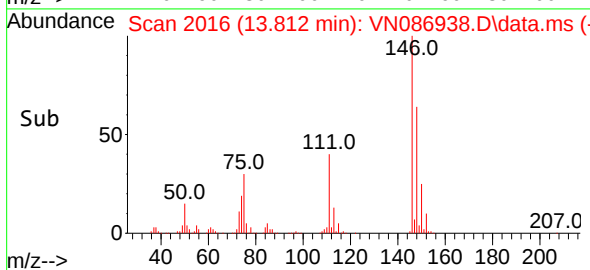
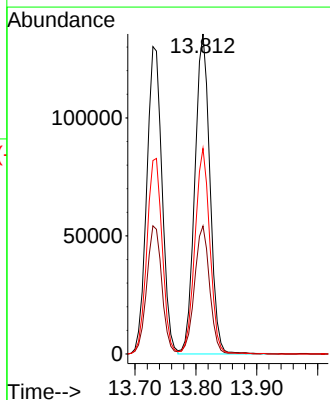
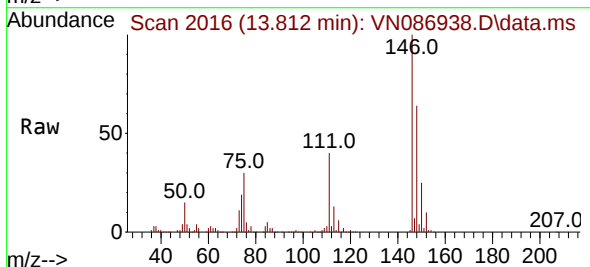
Manual Integrations
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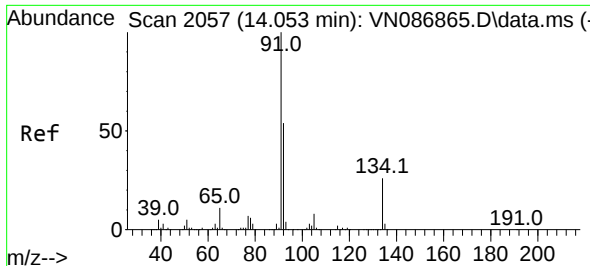
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#88
 1,4-Dichlorobenzene
 Concen: 52.377 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086938.D
 Acq: 10 Jun 2025 18:57

Tgt Ion:146 Resp: 233049
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.9 59.7
 148 63.5 31.8 95.4





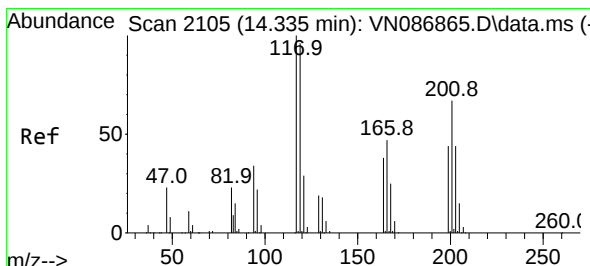
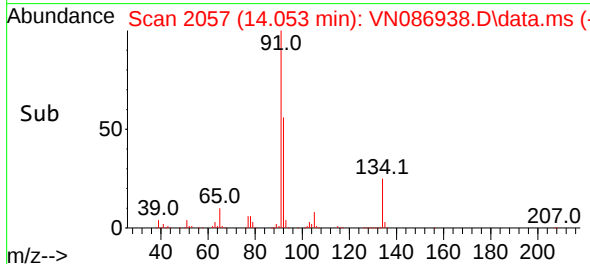
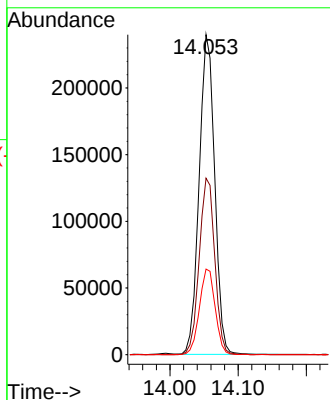
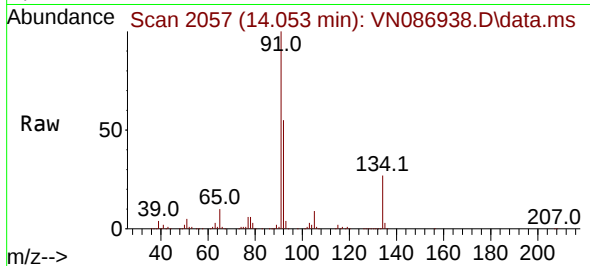
#89
n-Butylbenzene
Concen: 44.658 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 379570
Ion Ratio Lower Upper
91 100
92 55.4 27.5 82.4
134 27.2 13.0 39.0

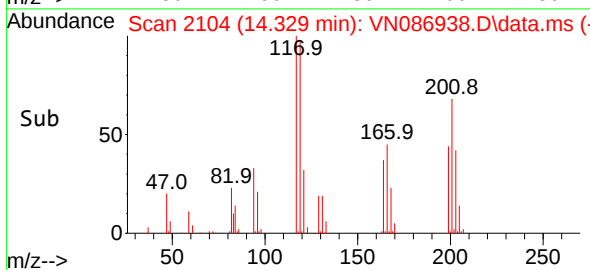
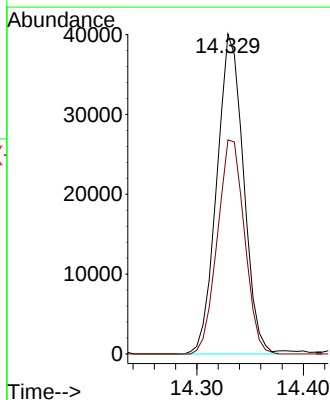
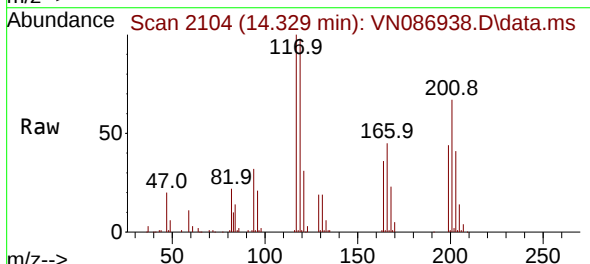
Manual Integrations
APPROVED

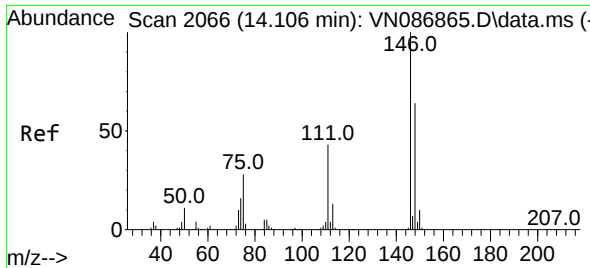
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#90
Hexachloroethane
Concen: 46.941 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:117 Resp: 69822
Ion Ratio Lower Upper
117 100
201 67.8 33.2 99.6





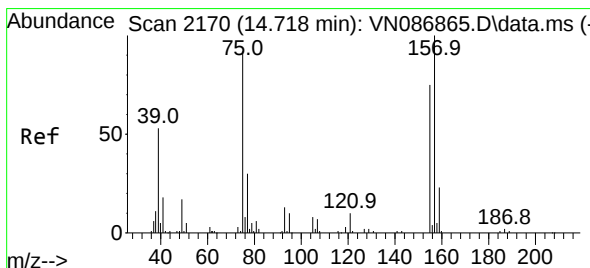
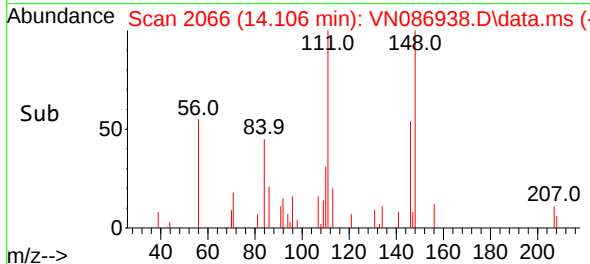
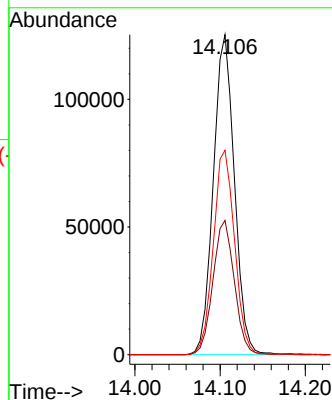
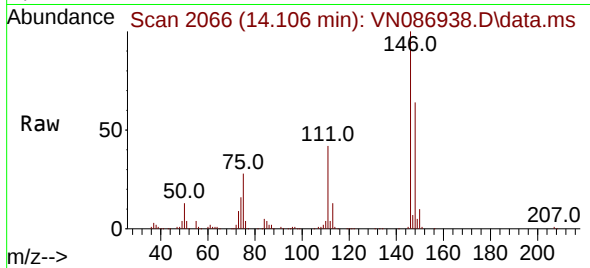
#91
1,2-Dichlorobenzene
Concen: 51.437 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 215670
Ion Ratio Lower Upper
146 100
111 42.6 21.6 64.6
148 64.8 31.7 95.1

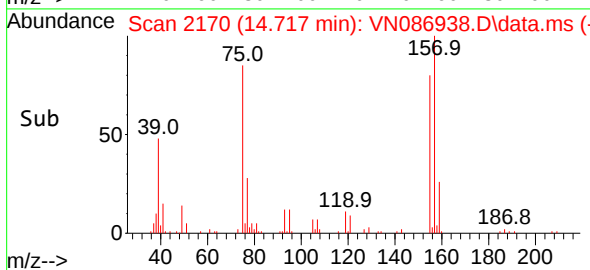
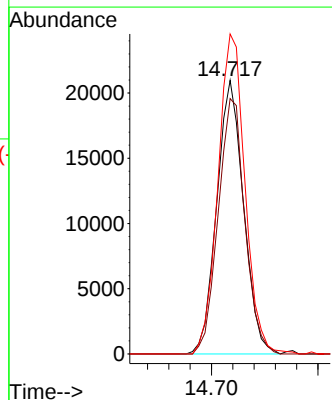
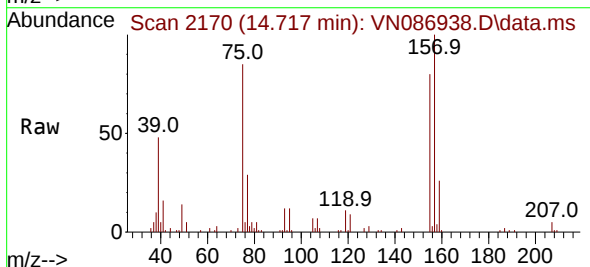
Manual Integrations
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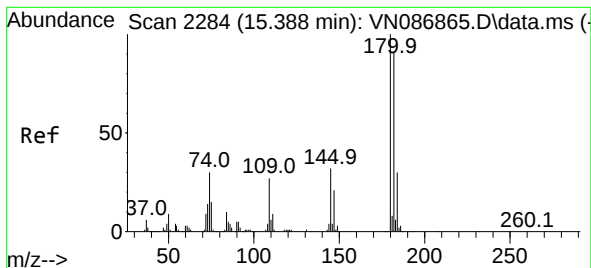
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.685 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion: 75 Resp: 36585
Ion Ratio Lower Upper
75 100
155 92.7 41.1 123.4
157 117.8 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 48.139 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086938.D

Acq: 10 Jun 2025 18:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 12888

Ion Ratio Lower Upper

180 100

182 93.7 46.9 140.7

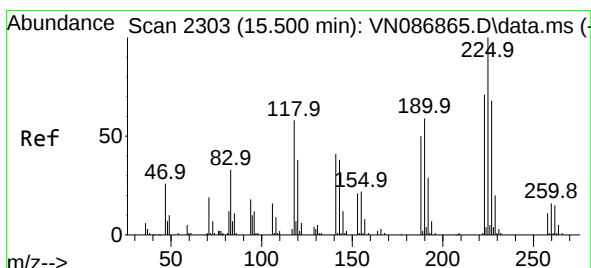
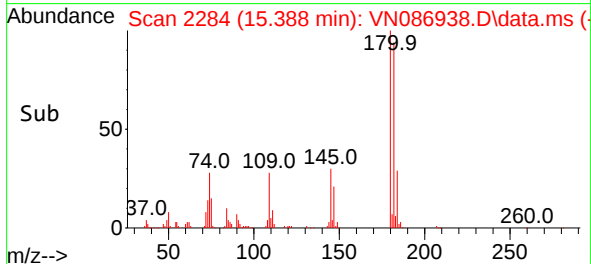
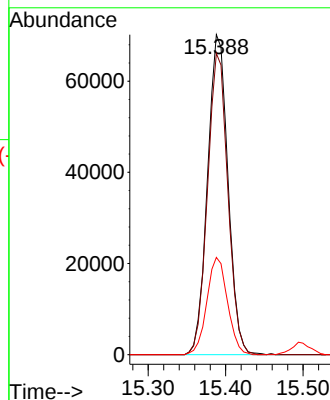
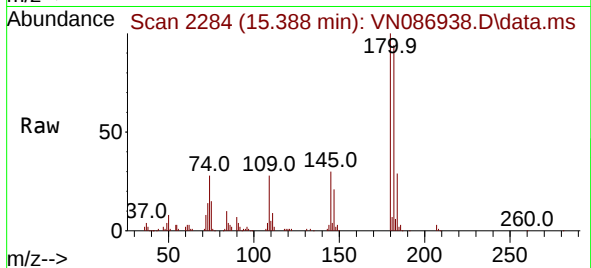
145 30.7 16.0 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#94

Hexachlorobutadiene

Concen: 42.197 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN086938.D

Acq: 10 Jun 2025 18:57

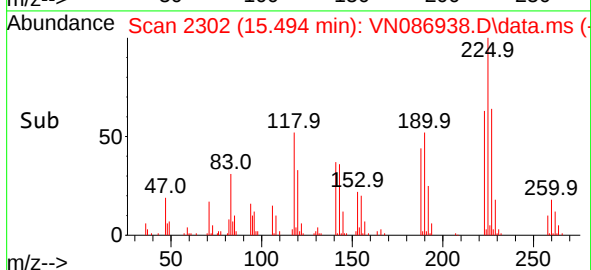
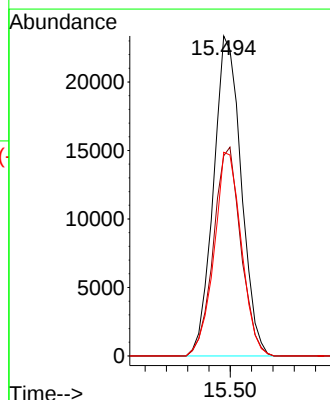
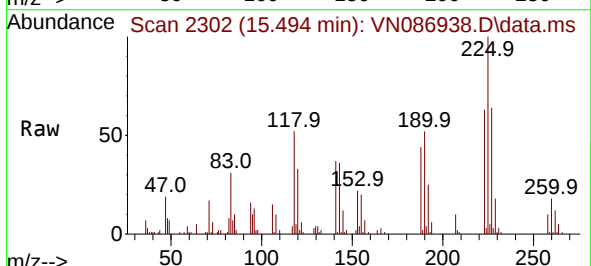
Tgt Ion:225 Resp: 42093

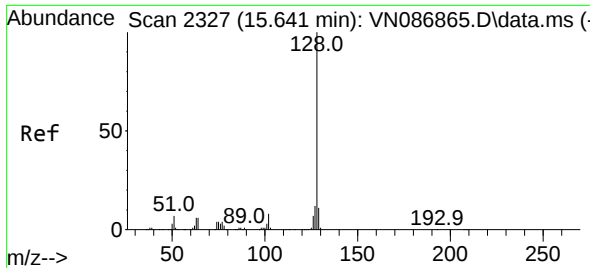
Ion Ratio Lower Upper

225 100

223 64.6 33.5 100.4

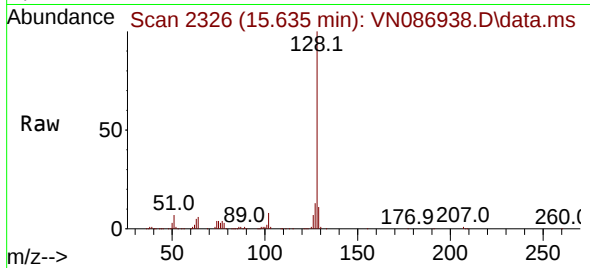
227 62.8 31.1 93.5





#95
Naphthalene
Concen: 53.340 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

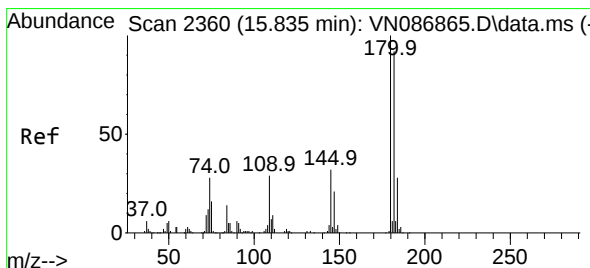
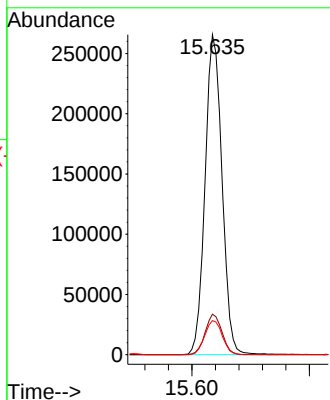
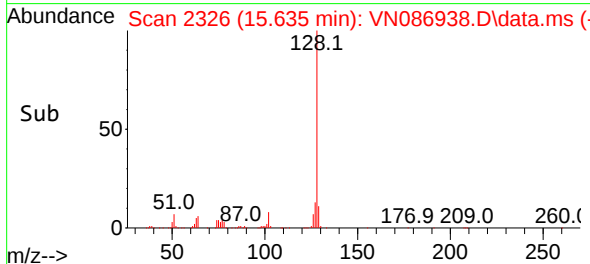
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 531584
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 45.544 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086938.D
Acq: 10 Jun 2025 18:57

Tgt Ion:180 Resp: 121156
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.0
145 34.0 16.6 49.8

