

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086888.D
 Acq On : 09 Jun 2025 08:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2025
 Supervised By : Mahesh Dadoda 06/10/2025

Quant Time: Jun 10 03:26:22 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)

Internal Standards						
1) Pentafluorobenzene	8.229	168	261450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	451735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	380922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	178512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	151401	43.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.500%		
35) Dibromofluoromethane	8.171	113	133059	49.703	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.400%		
50) Toluene-d8	10.565	98	508186	47.952	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.900%		
62) 4-Bromofluorobenzene	12.847	95	183178	46.522	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	131431	50.418	ug/l	100
3) Chloromethane	2.395	50	142334	42.283	ug/l	100
4) Vinyl Chloride	2.553	62	165927	47.784	ug/l	100
5) Bromomethane	2.995	94	85311	43.902	ug/l	97
6) Chloroethane	3.153	64	108042	48.168	ug/l	97
7) Trichlorofluoromethane	3.530	101	219379	48.355	ug/l	98
8) Diethyl Ether	3.983	74	100884	51.036	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.394	101	136423	47.861	ug/l	98
10) Methyl Iodide	4.612	142	158675	42.943	ug/l	99
11) Tert butyl alcohol	5.536	59	189595	199.609	ug/l	100
12) 1,1-Dichloroethene	4.365	96	145286	49.926	ug/l	93
13) Acrolein	4.200	56	58499	194.571	ug/l	99
14) Allyl chloride	5.047	41	208266	43.154	ug/l	94
15) Acrylonitrile	5.730	53	500417	225.403	ug/l	99
16) Acetone	4.442	43	400746	215.878	ug/l	97
17) Carbon Disulfide	4.736	76	371521	46.155	ug/l	100
18) Methyl Acetate	5.041	43	233967	43.249	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	517229	49.089	ug/l	100
20) Methylene Chloride	5.300	84	161828	46.563	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	152734	47.175	ug/l	94
22) Diisopropyl ether	6.683	45	463864	45.597	ug/l	96
23) Vinyl Acetate	6.618	43	1964382	228.547	ug/l	97
24) 1,1-Dichloroethane	6.588	63	275601	47.076	ug/l	99
25) 2-Butanone	7.488	43	622664	206.354	ug/l	96
26) 2,2-Dichloropropane	7.500	77	242583	53.268	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	188349	48.643	ug/l	97
28) Bromochloromethane	7.824	49	118085	41.024	ug/l	89
29) Tetrahydrofuran	7.847	42	407833	207.479	ug/l	94
30) Chloroform	7.977	83	275806	47.175	ug/l	97
31) Cyclohexane	8.265	56	231271	40.735	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	228902	46.033	ug/l	96
36) 1,1-Dichloropropene	8.377	75	196210	49.186	ug/l	98
37) Ethyl Acetate	7.571	43	233388	45.959	ug/l	99
38) Carbon Tetrachloride	8.371	117	194527	49.670	ug/l	99
39) Methylcyclohexane	9.606	83	243701	44.591	ug/l	95
40) Benzene	8.612	78	642732	49.272	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	127571	44.731	ug/l	93
42) 1,2-Dichloroethane	8.677	62	189921	48.002	ug/l	98
43) Isopropyl Acetate	8.694	43	373849	45.868	ug/l	96
44) Trichloroethene	9.353	130	159166	51.458	ug/l	98
45) 1,2-Dichloropropane	9.624	63	156517	49.319	ug/l	99
46) Dibromomethane	9.712	93	109794	52.086	ug/l	96
47) Bromodichloromethane	9.888	83	216561	49.933	ug/l	99
48) Methyl methacrylate	9.682	41	170025	45.323	ug/l	95
49) 1,4-Dioxane	9.700	88	61836	906.076	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	1145420	233.442	ug/l	96
52) Toluene	10.629	92	396562	49.745	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	252866	52.141	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	269095	51.859	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	153943	50.186	ug/l	99
56) Ethyl methacrylate	10.876	69	265661	54.375	ug/l	92
57) 1,3-Dichloropropane	11.165	76	265229	49.844	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	673133	230.994	ug/l	96
59) 2-Hexanone	11.200	43	772443	244.401	ug/l	96
60) Dibromochloromethane	11.359	129	169362	52.993	ug/l	99
61) 1,2-Dibromoethane	11.470	107	160398	51.016	ug/l	100
64) Tetrachloroethene	11.106	164	121144	50.252	ug/l	95
65) Chlorobenzene	11.888	112	434126	51.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	142266	52.679	ug/l	99
67) Ethyl Benzene	11.965	91	716652	49.523	ug/l	100
68) m/p-Xylenes	12.070	106	565069	102.006	ug/l	97
69) o-Xylene	12.394	106	274597	51.757	ug/l	96
70) Styrene	12.412	104	475772	52.406	ug/l	99
71) Bromoform	12.576	173	114286	57.115	ug/l #	99
73) Isopropylbenzene	12.694	105	664595	51.104	ug/l	99
74) N-amyl acetate	12.506	43	251426	55.326	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	234561	53.240	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	198486m	46.776	ug/l	
77) Bromobenzene	12.982	156	168142	56.377	ug/l	94
78) n-propylbenzene	13.035	91	787597	49.835	ug/l	98
79) 2-Chlorotoluene	13.123	91	476012	50.223	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	544603	50.722	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	106090	57.553	ug/l	89
82) 4-Chlorotoluene	13.217	91	488581	50.946	ug/l	98
83) tert-Butylbenzene	13.435	119	499574	50.830	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	553058	51.368	ug/l	100
85) sec-Butylbenzene	13.612	105	691815	48.470	ug/l	99
86) p-Isopropyltoluene	13.729	119	588262	49.859	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	306195	52.181	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	313266	52.364	ug/l	99
89) n-Butylbenzene	14.053	91	525720	46.003	ug/l	98
90) Hexachloroethane	14.329	117	98638	49.322	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	294253	52.195	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	49360	46.847	ug/l	87
93) 1,2,4-Trichlorobenzene	15.388	180	175725	48.814	ug/l	99
94) Hexachlorobutadiene	15.500	225	57205	42.652	ug/l	98
95) Naphthalene	15.635	128	668022	49.854	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	167447	46.816	ug/l	100

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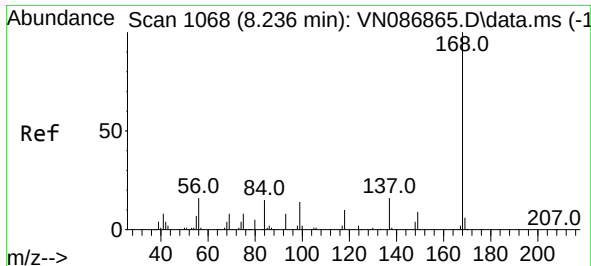
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/10/2025

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Response via : Initial Calibration

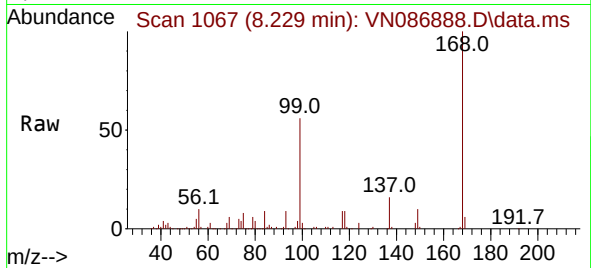
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.007 min
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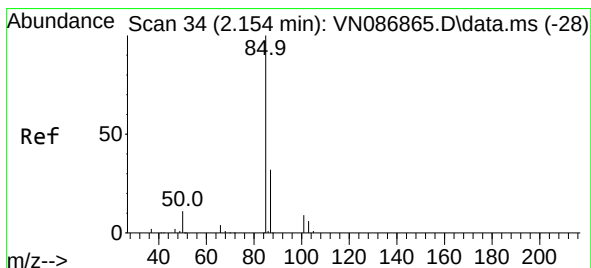
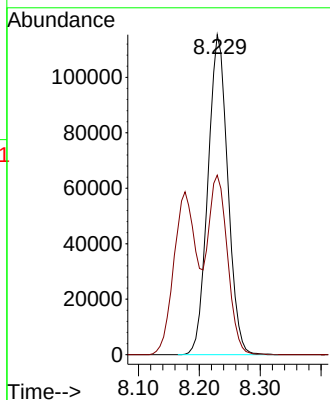
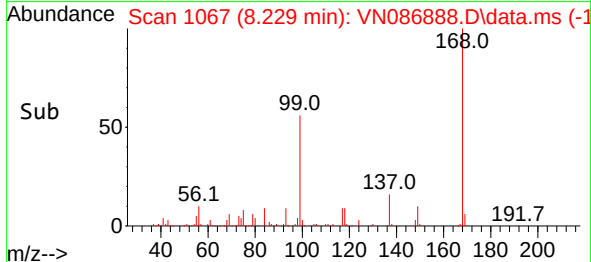
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 261450
Ion Ratio Lower Upper
168 100
99 56.1 49.1 73.7

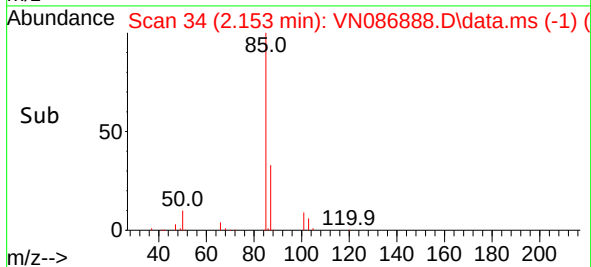
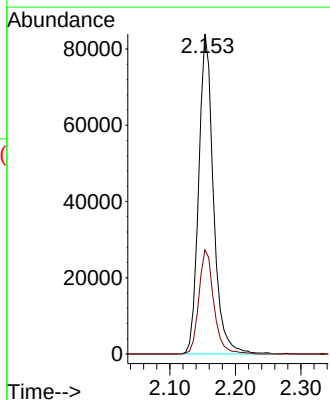
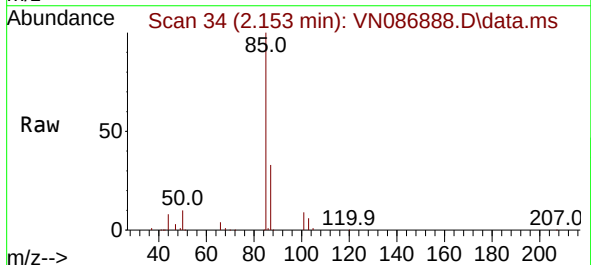
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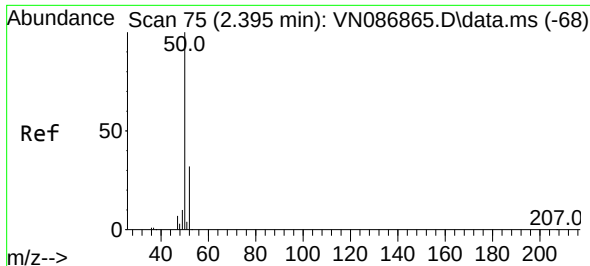
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#2
Dichlorodifluoromethane
Concen: 50.418 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

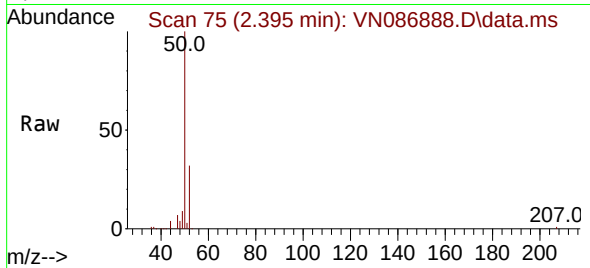
Tgt Ion: 85 Resp: 131431
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6





#3
Chloromethane
Concen: 42.283 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

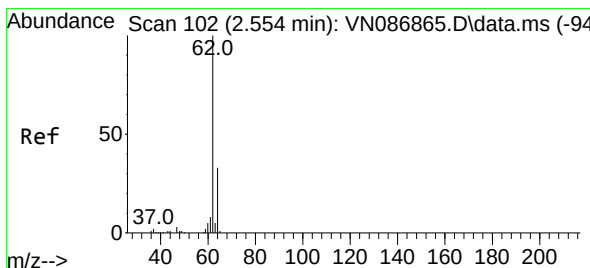
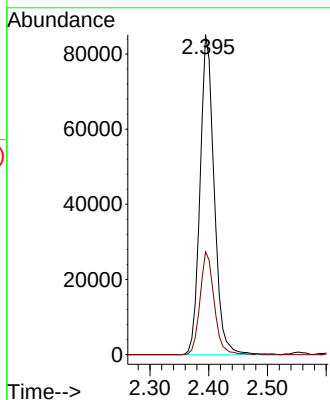
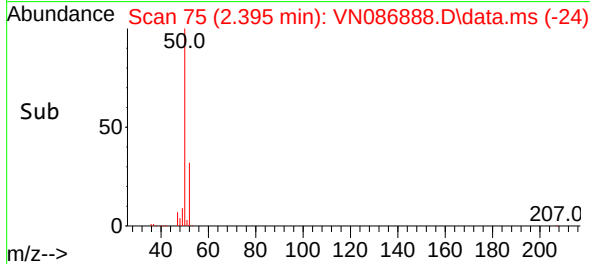
Instrument :
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Tgt Ion: 50 Resp: 142334
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5

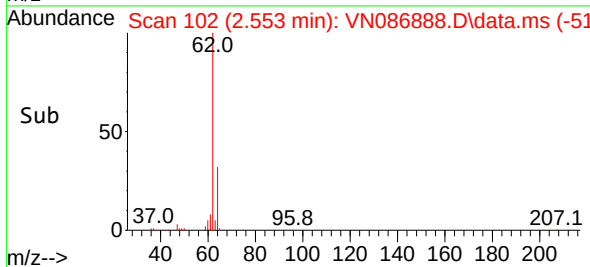
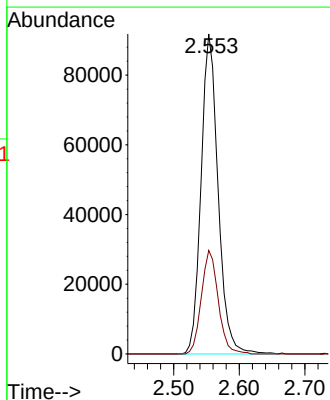
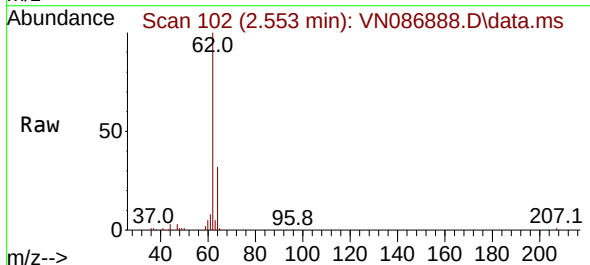
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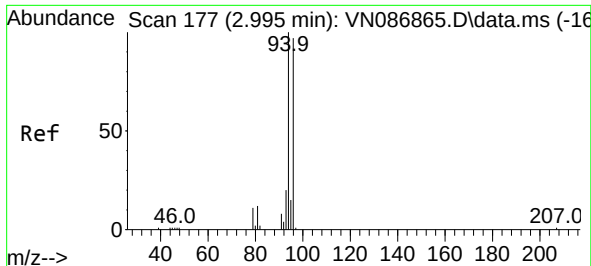
Reviewed By :John Carlone 06/10/2025
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#4
Vinyl Chloride
Concen: 47.784 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086888.D
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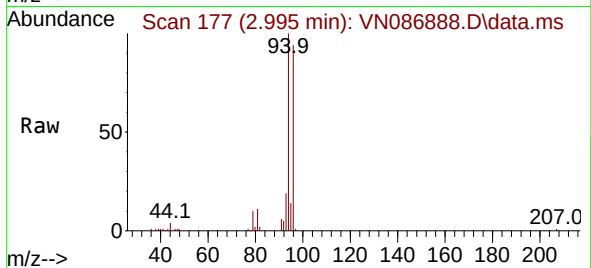
Tgt Ion: 62 Resp: 165927
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0





#5
Bromomethane
Concen: 43.902 ug/l
RT: 2.995 min Scan# 177
Delta R.T. -0.000 min
Lab File: VN086888.D
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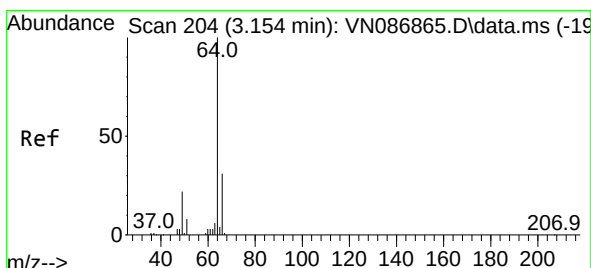
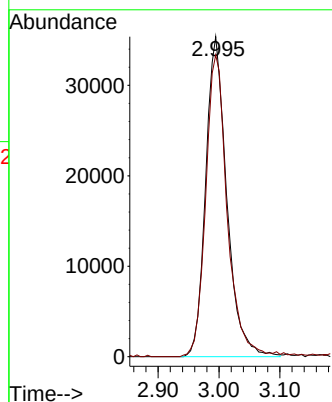
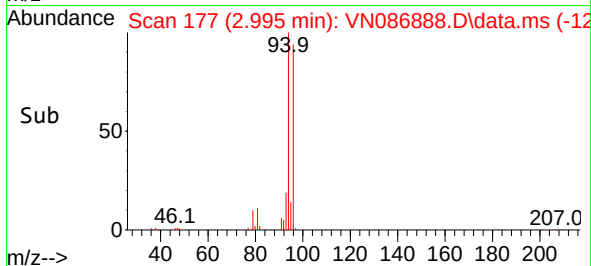
Instrument :
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Tgt Ion: 94 Resp: 8531
Ion Ratio Lower Upper
94 100
96 94.3 77.9 116.9

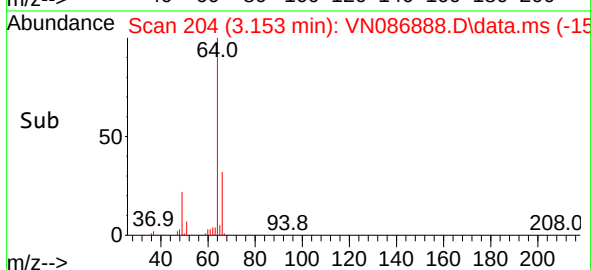
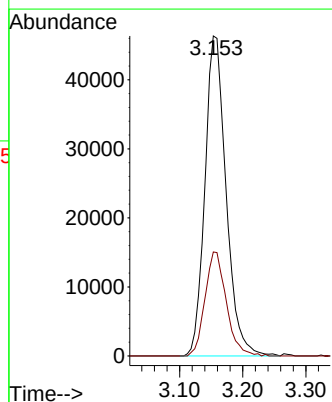
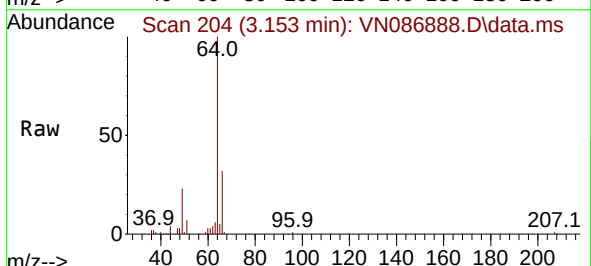
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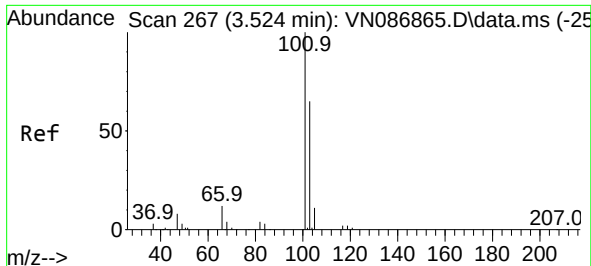
Reviewed By :John Carlone 06/10/2025
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#6
Chloroethane
Concen: 48.168 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086888.D
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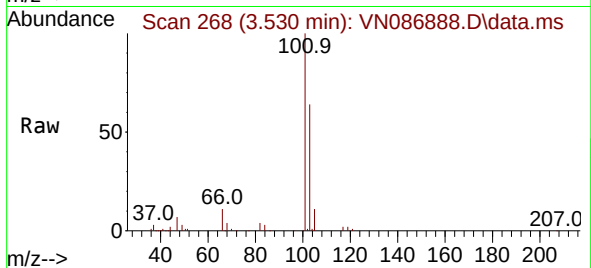
Tgt Ion: 64 Resp: 108042
Ion Ratio Lower Upper
64 100
66 32.5 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 48.355 ug/l
 RT: 3.530 min Scan# 268
 Delta R.T. 0.006 min
 Lab File: VN086888.D
 Acq: 09 Jun 2025 08:37

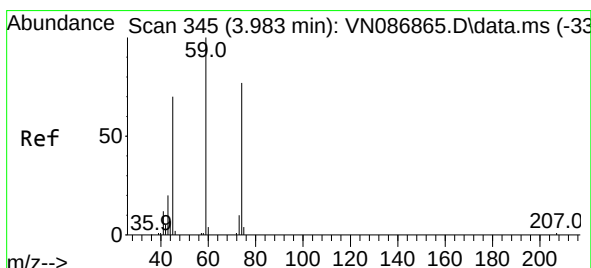
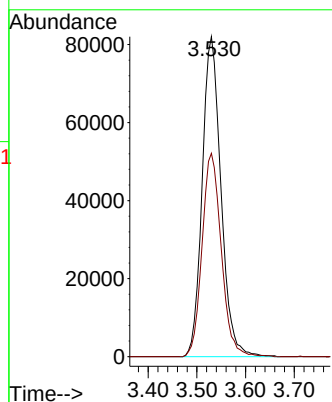
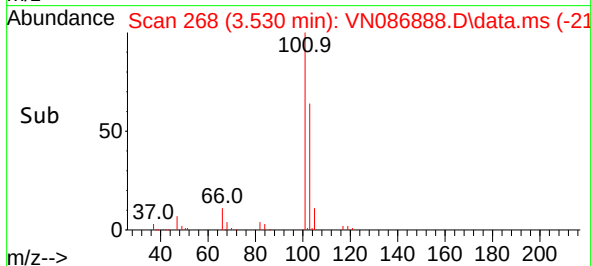
Instrument :
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 VSTDCCC050



Tgt Ion:101 Resp: 219379
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.2 78.2

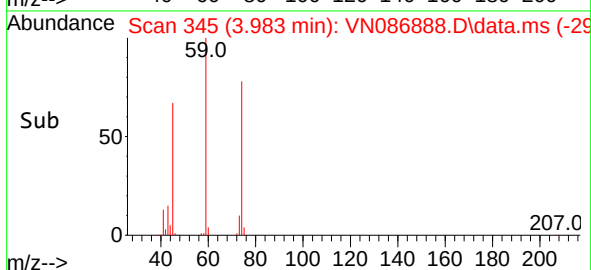
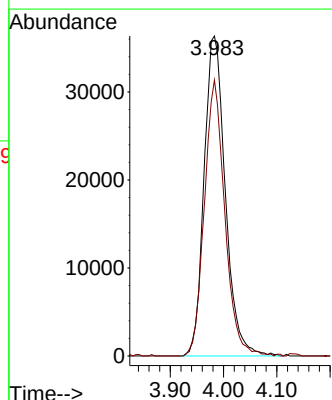
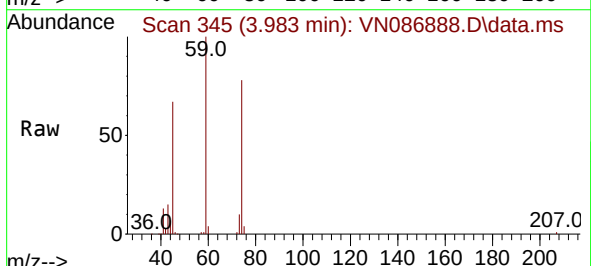
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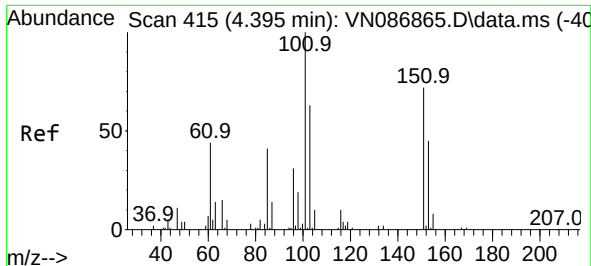
Reviewed By :John Carlone 06/10/2025
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#8
 Diethyl Ether
 Concen: 51.036 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 100884
 Ion Ratio Lower Upper
 74 100
 45 83.0 45.5 136.5





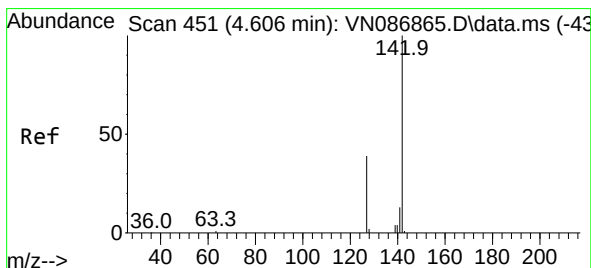
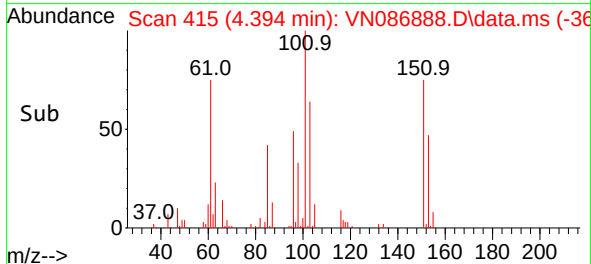
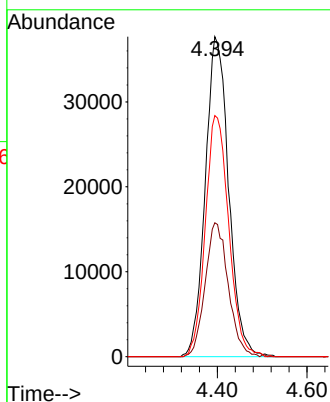
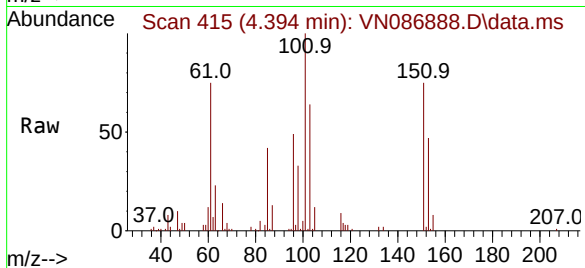
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.861 ug/l
RT: 4.394 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN086888.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13642
Ion Ratio Lower Upper
101 100
85 41.3 33.8 50.8
151 75.5 58.7 88.1

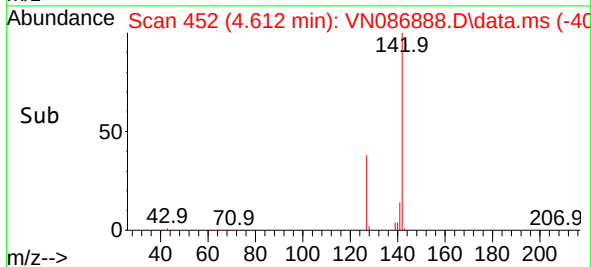
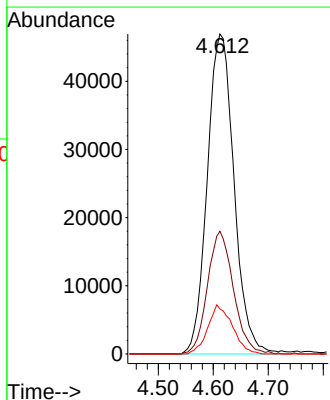
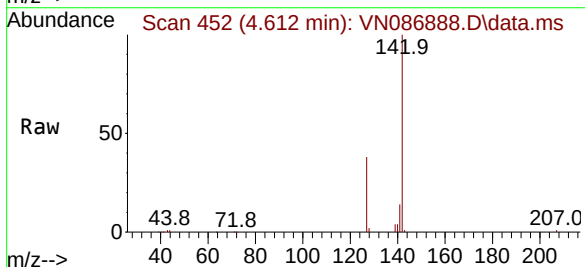
Manual Integrations
APPROVED

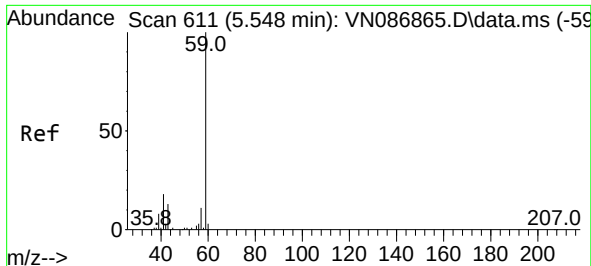
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#10
Methyl Iodide
Concen: 42.943 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

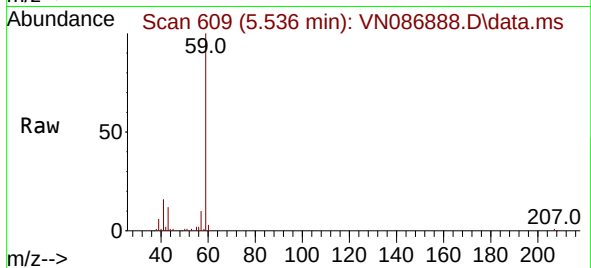
Tgt Ion:142 Resp: 158675
Ion Ratio Lower Upper
142 100
127 38.4 30.9 46.3
141 14.1 10.4 15.6





#11
Tert butyl alcohol
Concen: 199.609 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

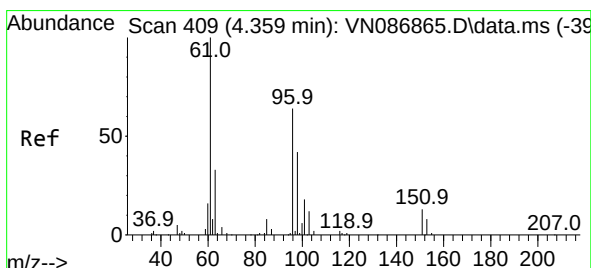
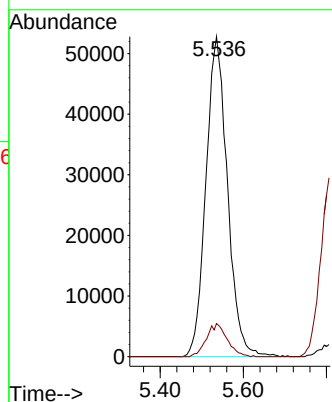
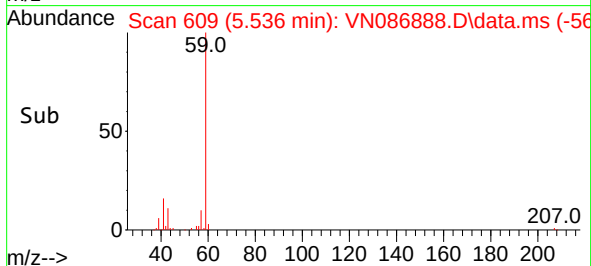
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 18959
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

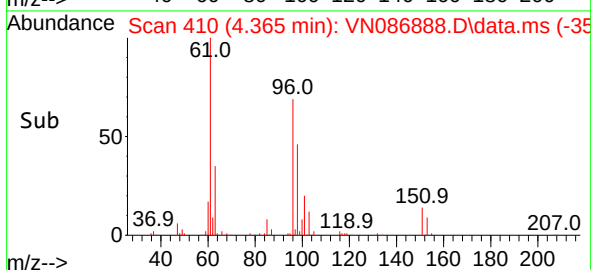
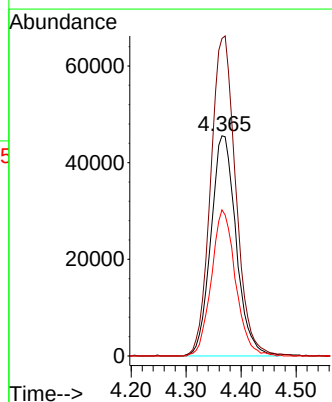
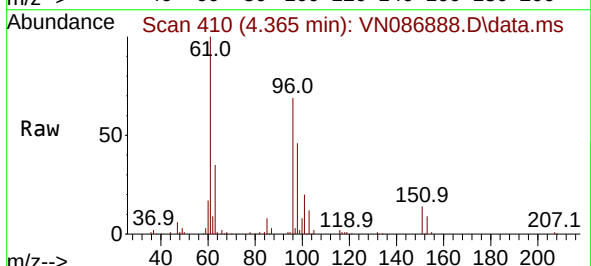
Manual Integrations
APPROVED

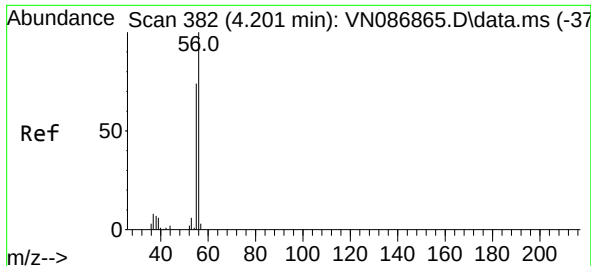
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#12
1,1-Dichloroethene
Concen: 49.926 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

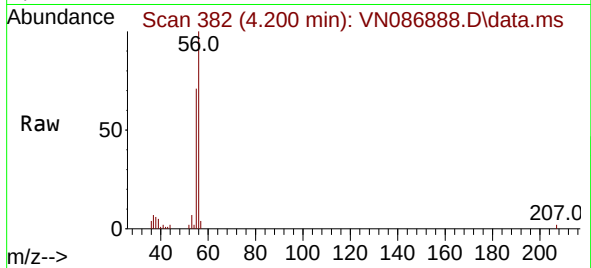
Tgt Ion: 96 Resp: 145286
Ion Ratio Lower Upper
96 100
61 144.2 125.8 188.6
98 66.3 52.5 78.7





#13
Acrolein
Concen: 194.571 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

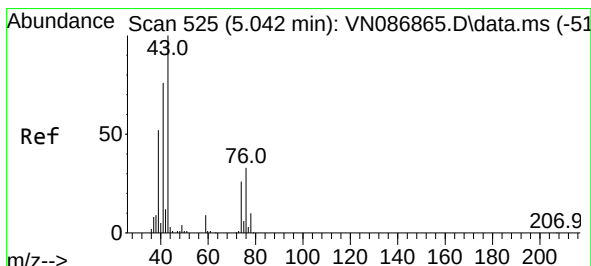
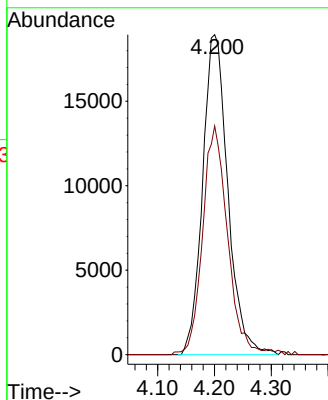
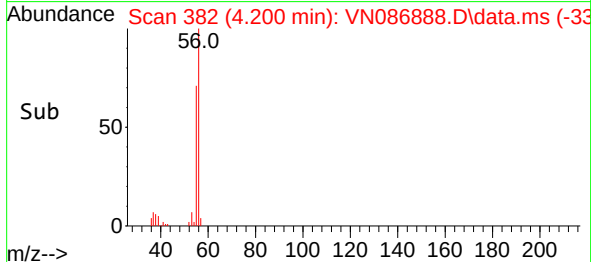
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



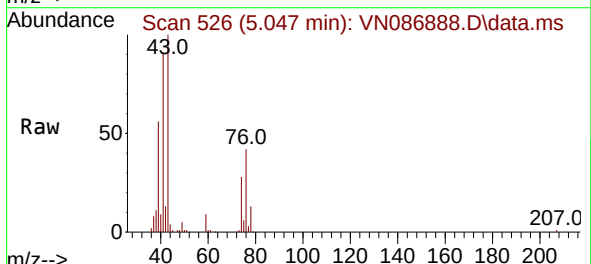
Tgt Ion: 56 Resp: 58499
Ion Ratio Lower Upper
56 100
55 70.0 55.6 83.4

Manual Integrations
APPROVED

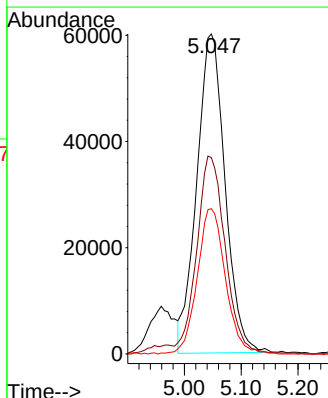
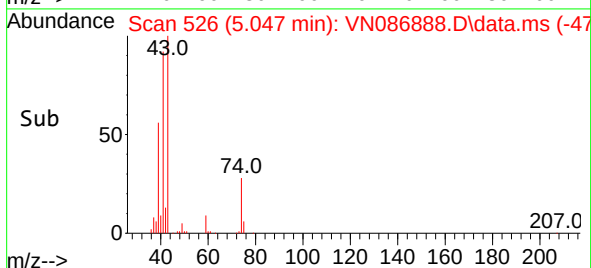
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

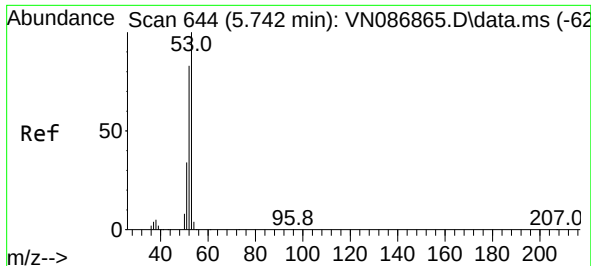


#14
Allyl chloride
Concen: 43.154 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37



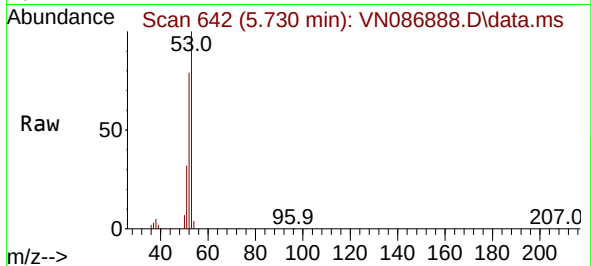
Tgt Ion: 41 Resp: 208266
Ion Ratio Lower Upper
41 100
39 61.7 51.3 76.9
76 45.2 31.4 47.0





#15
Acrylonitrile
Concen: 225.403 ug/l
RT: 5.730 min Scan# 644
Delta R.T. -0.012 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

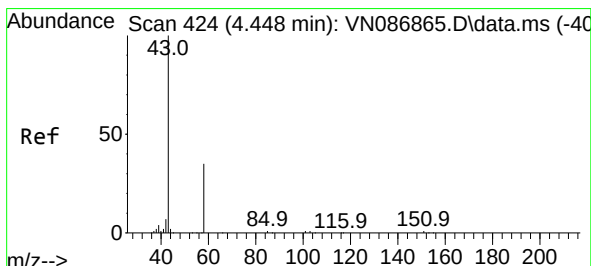
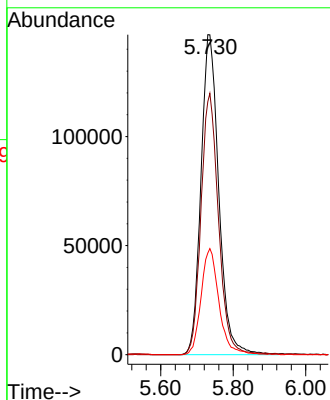
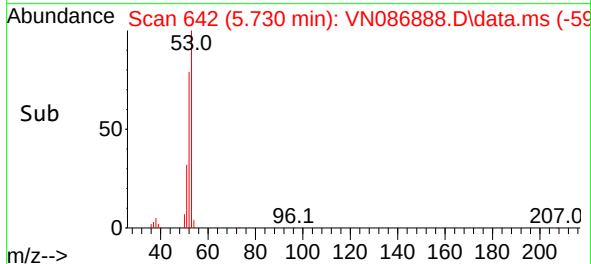
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 500417
Ion Ratio Lower Upper
53 100
52 80.1 65.0 97.6
51 33.3 27.2 40.8

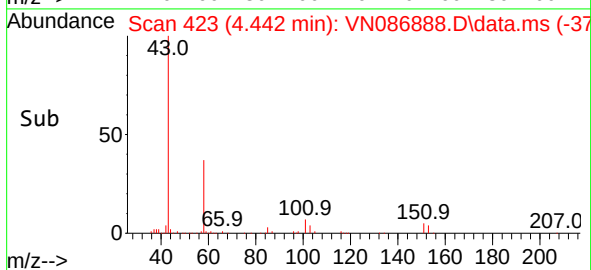
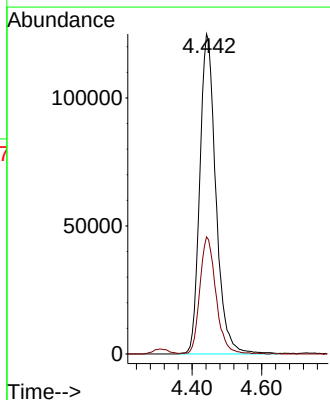
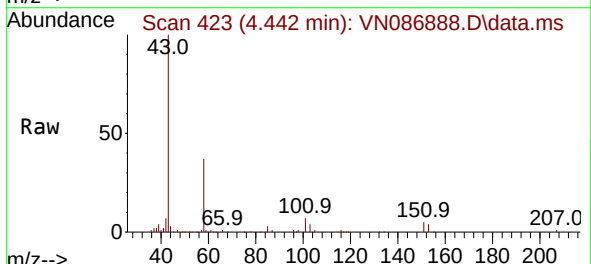
Manual Integrations
APPROVED

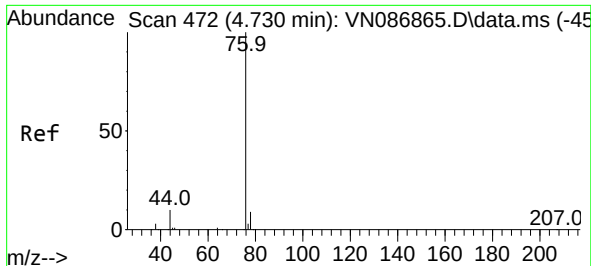
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#16
Acetone
Concen: 215.878 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

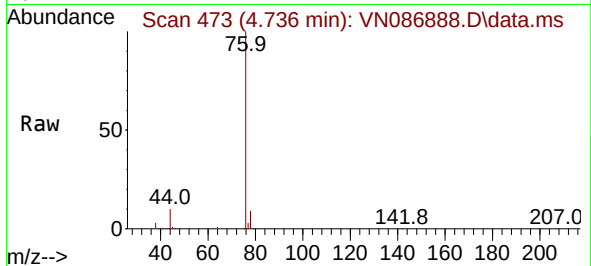
Tgt Ion: 43 Resp: 400746
Ion Ratio Lower Upper
43 100
58 36.5 28.0 42.0





#17
Carbon Disulfide
Concen: 46.155 ug/l
RT: 4.736 min Scan# 472
Delta R.T. 0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

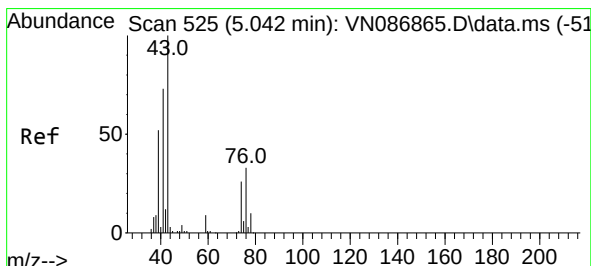
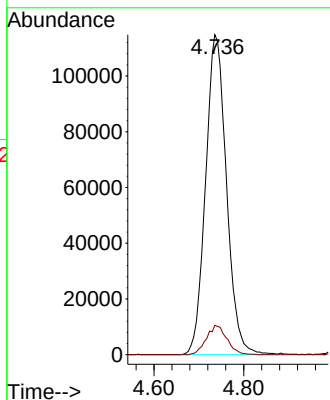
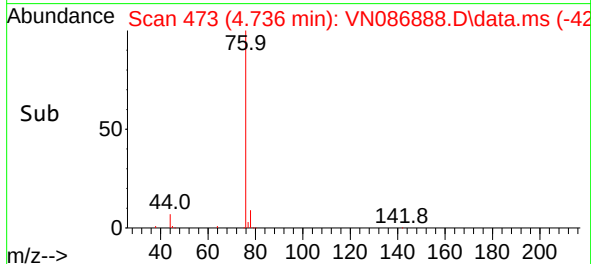
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 37152
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

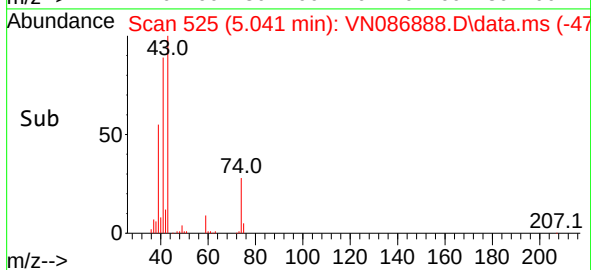
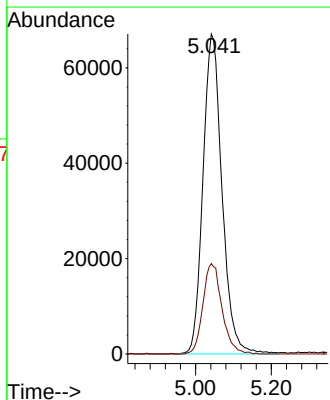
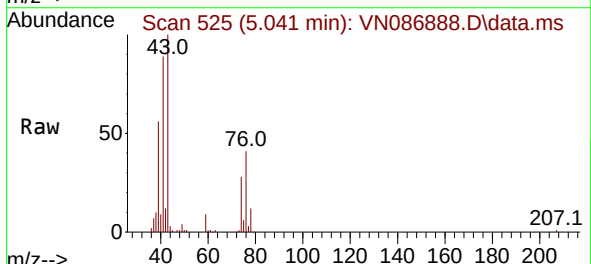
Manual Integrations
APPROVED

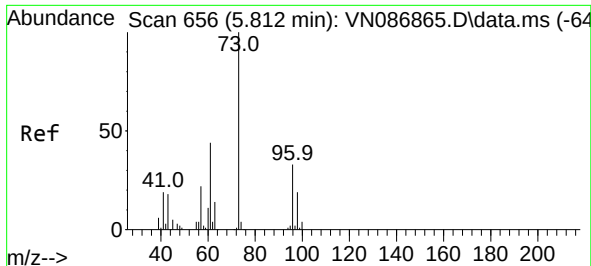
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#18
Methyl Acetate
Concen: 43.249 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

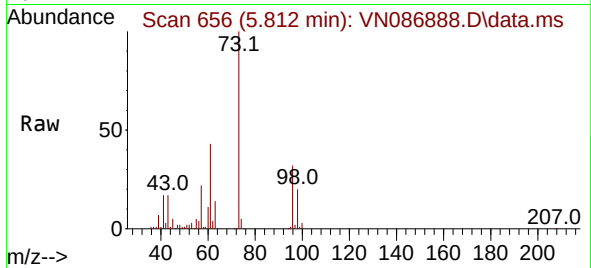
Tgt Ion: 43 Resp: 233967
Ion Ratio Lower Upper
43 100
74 28.1 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 49.089 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

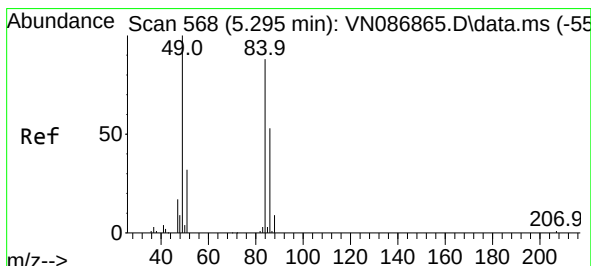
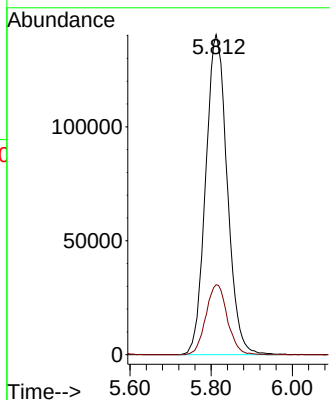
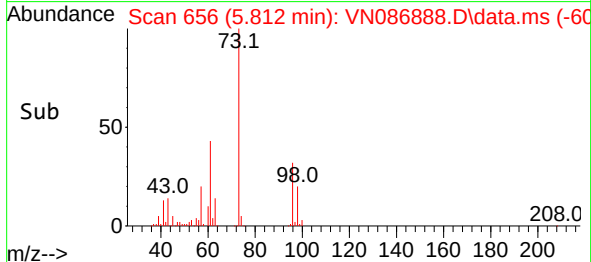
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



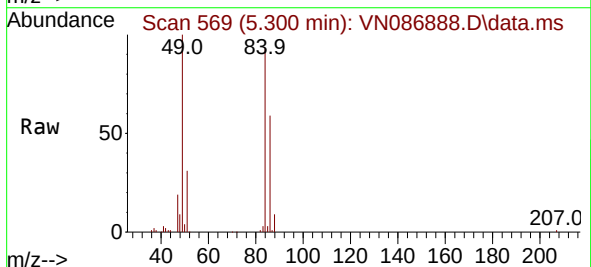
Tgt Ion: 73 Resp: 517229
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

Manual Integrations
APPROVED

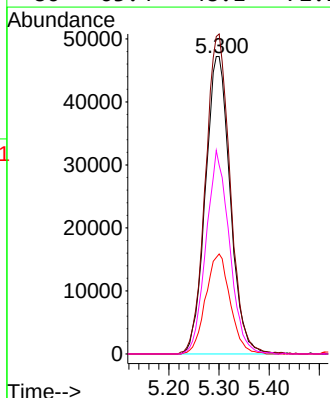
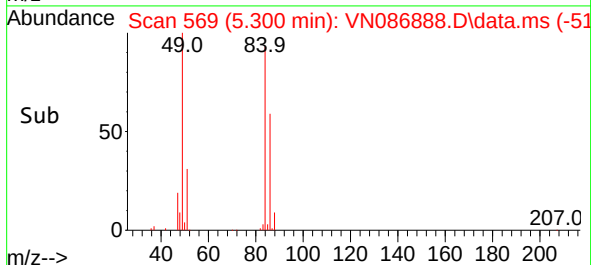
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

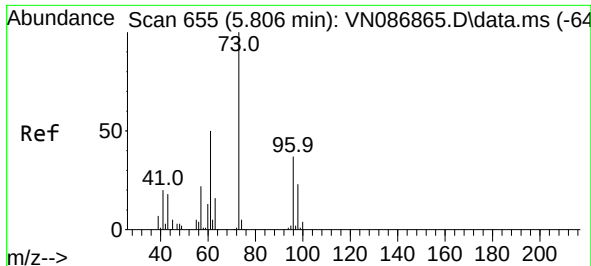


#20
Methylene Chloride
Concen: 46.563 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37



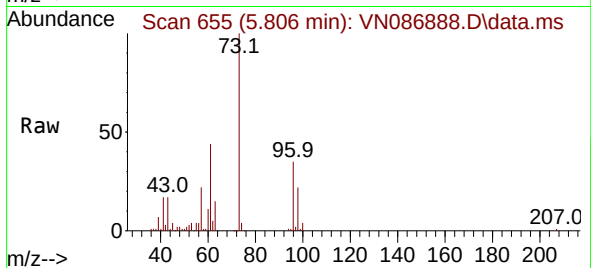
Tgt Ion: 84 Resp: 161828
Ion Ratio Lower Upper
84 100
49 107.6 90.5 135.7
51 33.6 28.5 42.7
86 63.4 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 47.175 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

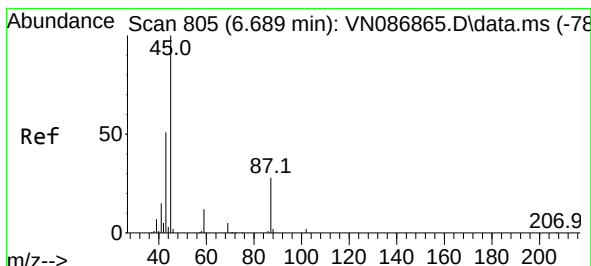
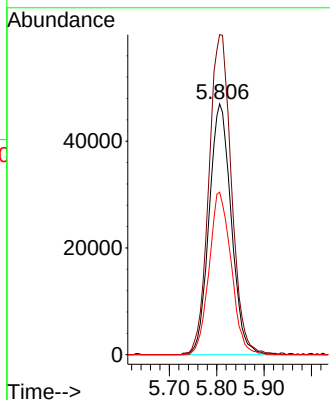
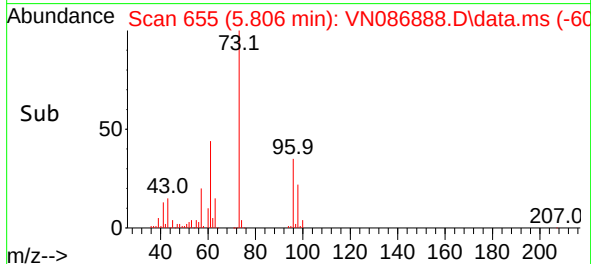
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 152734
Ion Ratio Lower Upper
96 100
61 127.6 109.2 163.8
98 64.8 49.8 74.8

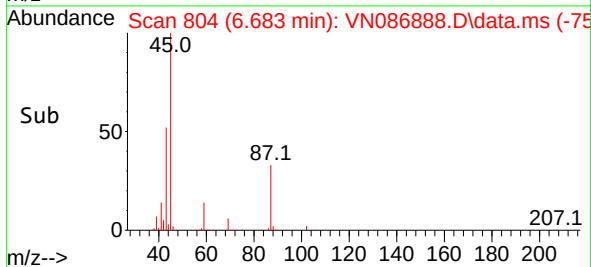
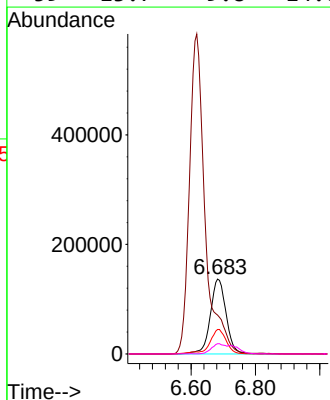
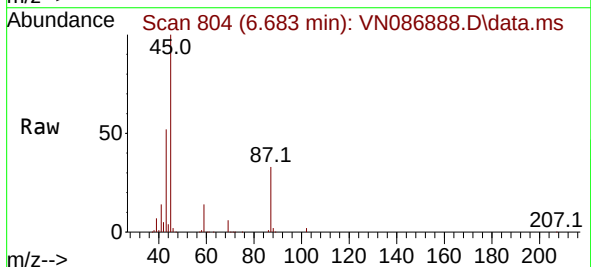
Manual Integrations
APPROVED

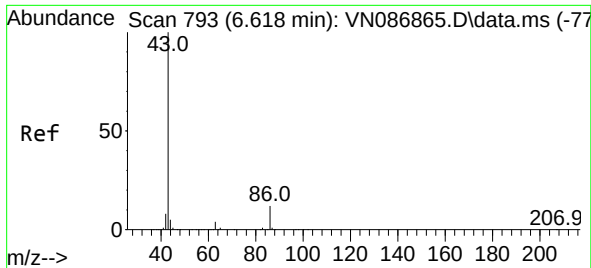
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#22
Diisopropyl ether
Concen: 45.597 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

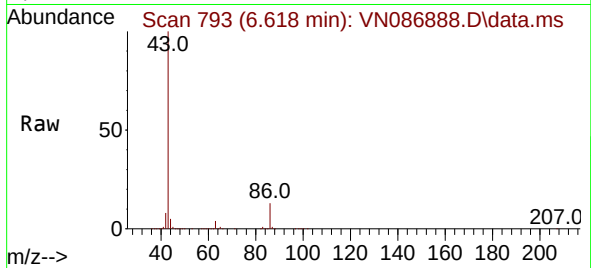
Tgt Ion: 45 Resp: 463864
Ion Ratio Lower Upper
45 100
43 51.6 41.9 62.9
87 32.7 22.4 33.6
59 13.7 9.8 14.6





#23
 Vinyl Acetate
 Concen: 228.547 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086888.D
 Acq: 09 Jun 2025 08:37

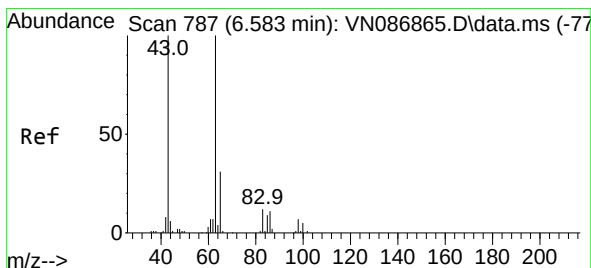
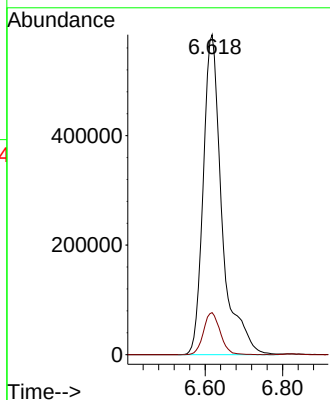
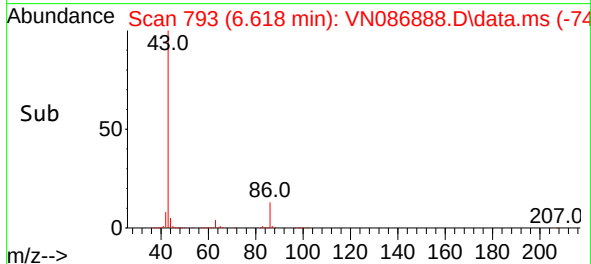
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



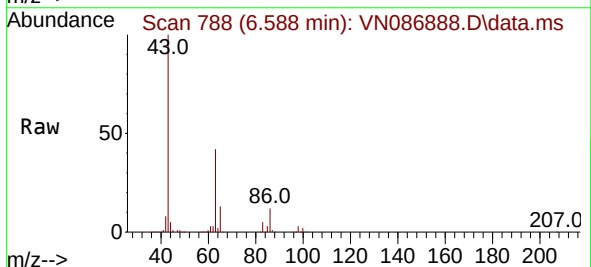
Tgt Ion: 43 Resp: 196438
 Ion Ratio Lower Upper
 43 100
 86 13.2 9.5 14.3

Manual Integrations
 APPROVED

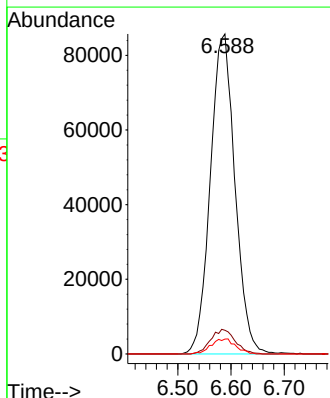
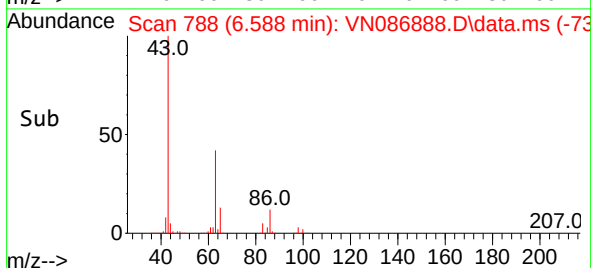
Reviewed By :John Carlone 06/10/2025
 Supervised By :Mahesh Dadoda 06/10/2025

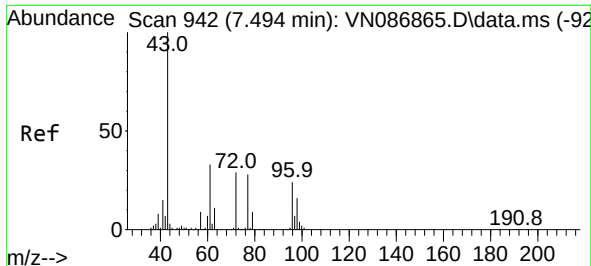


#24
 1,1-Dichloroethane
 Concen: 47.076 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN086888.D
 Acq: 09 Jun 2025 08:37



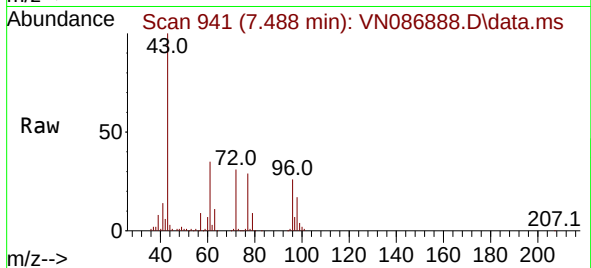
Tgt Ion: 63 Resp: 275601
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.6 2.6 7.8





#25
2-Butanone
Concen: 206.354 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

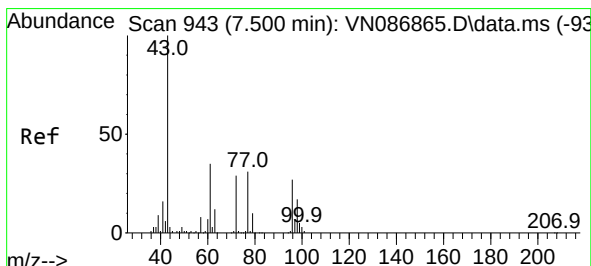
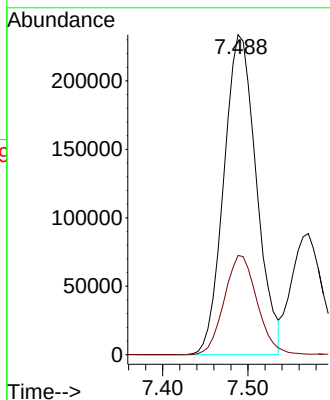
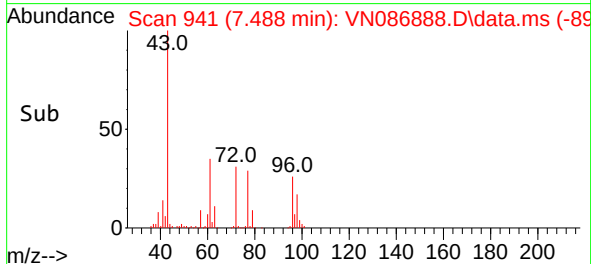
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 622664
Ion Ratio Lower Upper
43 100
72 31.0 23.0 34.6

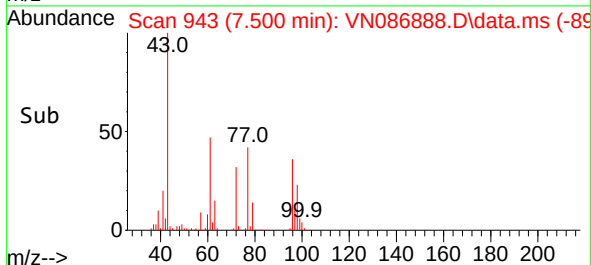
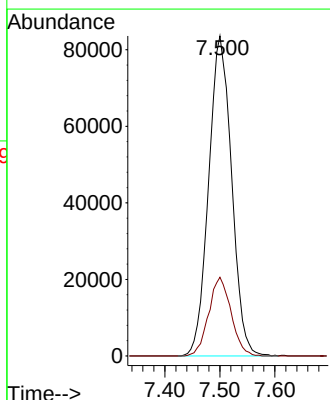
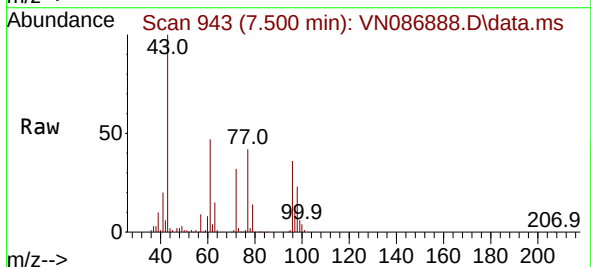
Manual Integrations
APPROVED

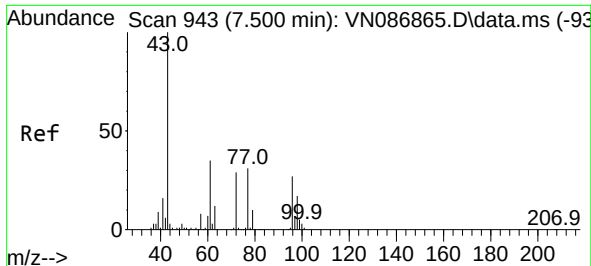
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#26
2,2-Dichloropropane
Concen: 53.268 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

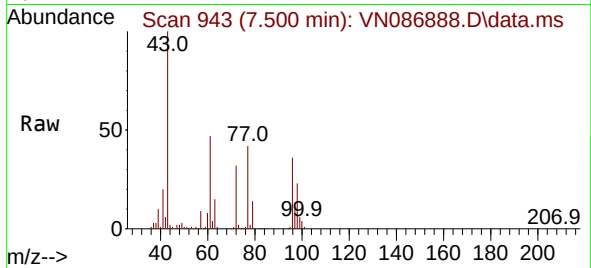
Tgt Ion: 77 Resp: 242583
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 48.643 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086888.D
 Acq: 09 Jun 2025 08:37

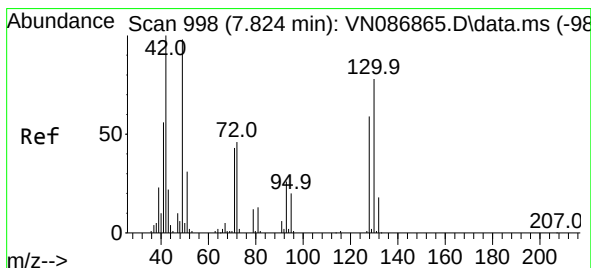
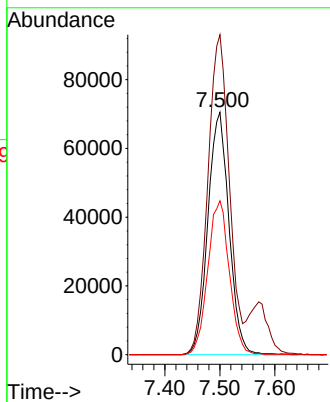
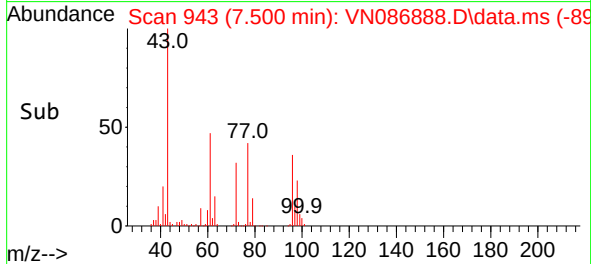
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 188349
 Ion Ratio Lower Upper
 96 100
 61 133.3 0.0 278.0
 98 64.7 0.0 128.2

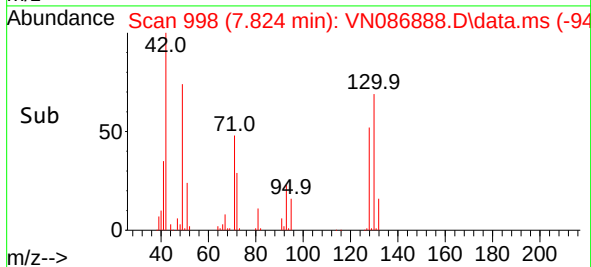
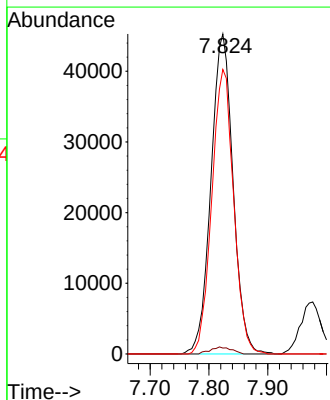
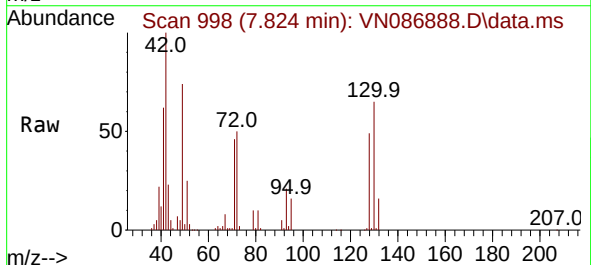
Manual Integrations
 APPROVED

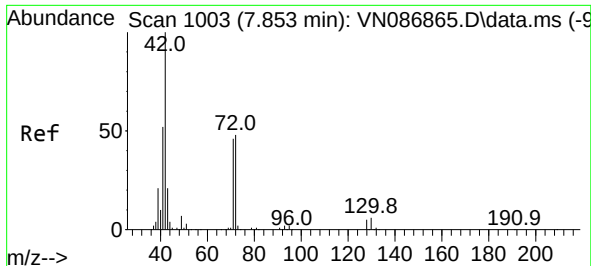
Reviewed By :John Carlone 06/10/2025
 Supervised By :Mahesh Dadoda 06/10/2025



#28
 Bromochloromethane
 Concen: 41.024 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086888.D
 Acq: 09 Jun 2025 08:37

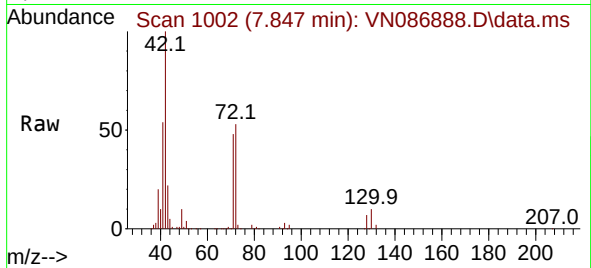
Tgt Ion: 49 Resp: 118085
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 87.9 62.2 93.2





#29
Tetrahydrofuran
Concen: 207.479 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

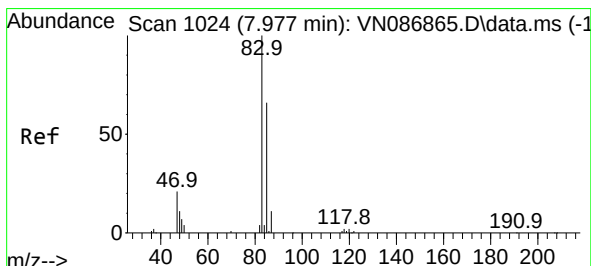
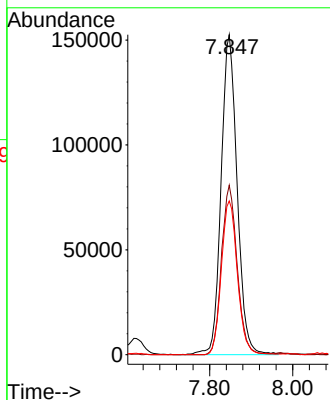
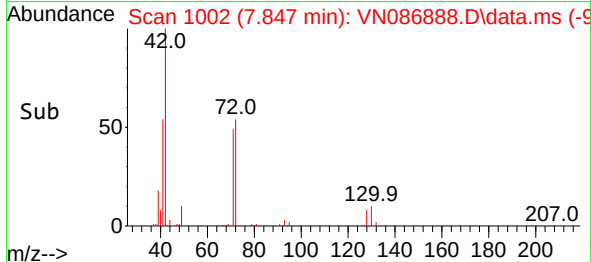
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



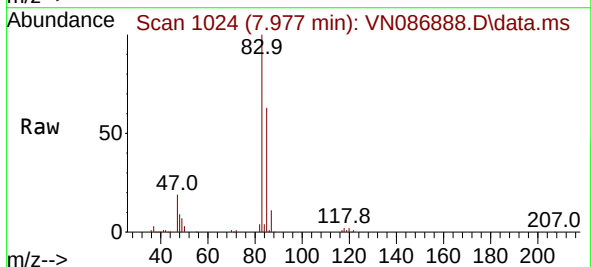
Tgt Ion: 42 Resp: 40783
Ion Ratio Lower Upper
42 100
72 51.7 37.8 56.6
71 48.1 35.6 53.4

Manual Integrations
APPROVED

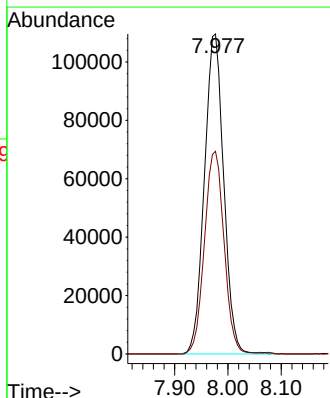
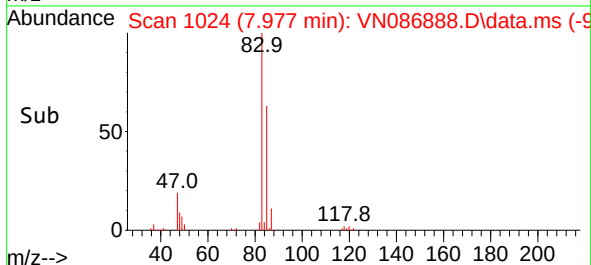
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

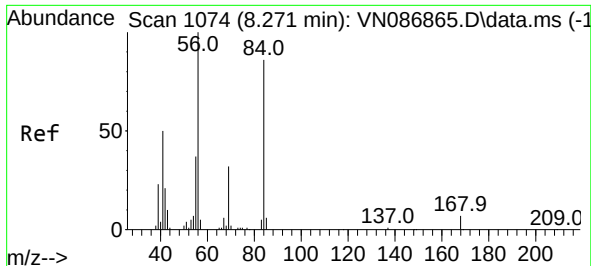


#30
Chloroform
Concen: 47.175 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37



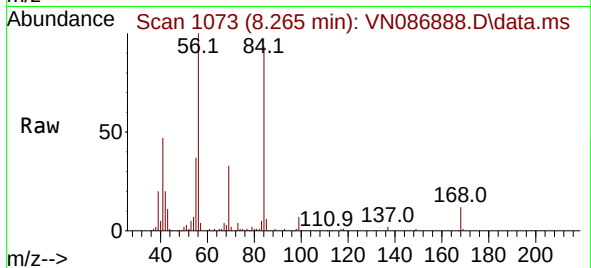
Tgt Ion: 83 Resp: 275806
Ion Ratio Lower Upper
83 100
85 63.3 52.9 79.3





#31
Cyclohexane
Concen: 40.735 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

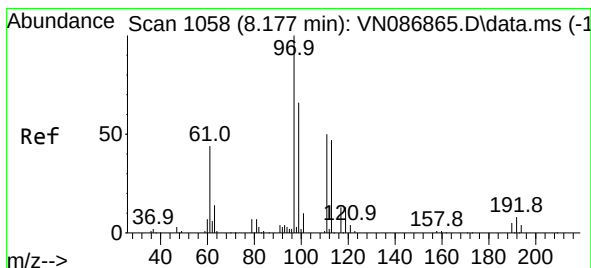
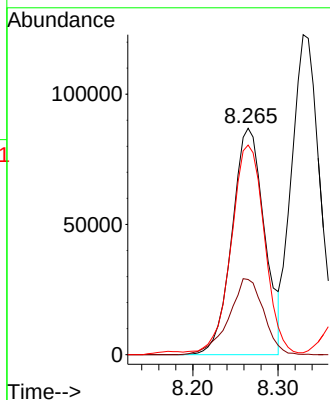
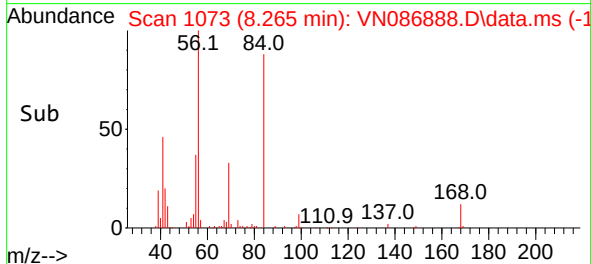
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



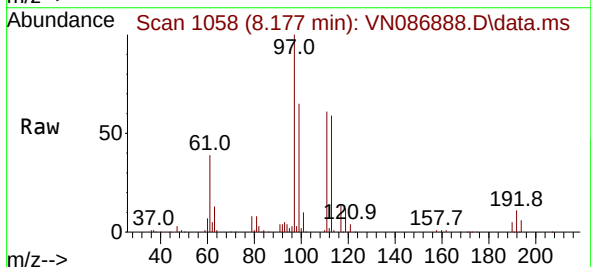
Tgt Ion: 56 Resp: 23127
Ion Ratio Lower Upper
56 100
69 33.2 25.4 38.0
84 91.2 68.8 103.2

Manual Integrations
APPROVED

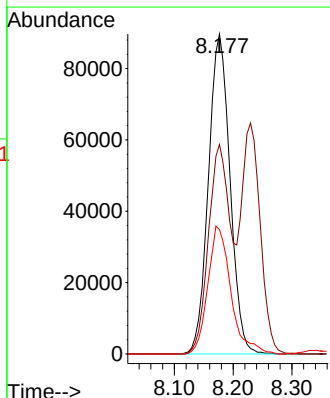
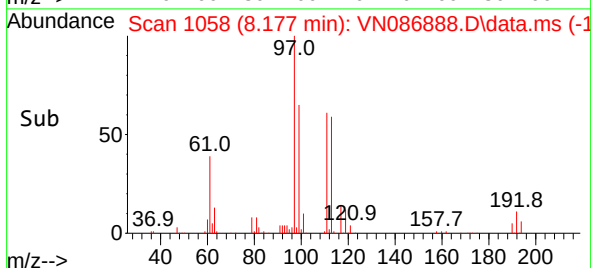
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

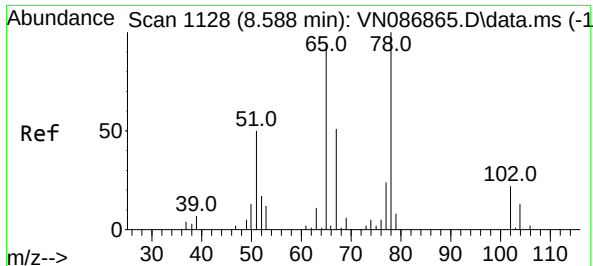


#32
1,1,1-Trichloroethane
Concen: 46.033 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37



Tgt Ion: 97 Resp: 228902
Ion Ratio Lower Upper
97 100
99 68.1 52.0 78.0
61 42.7 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 43.251 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN086888.D

Acq: 09 Jun 2025 08:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 15140

Ion Ratio Lower Upper

65 100

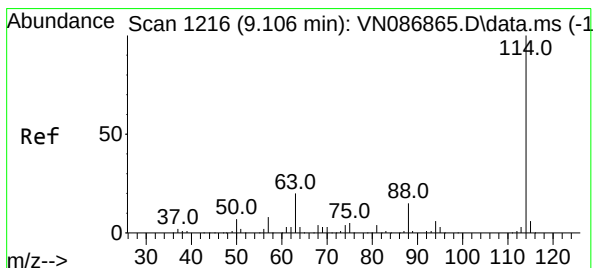
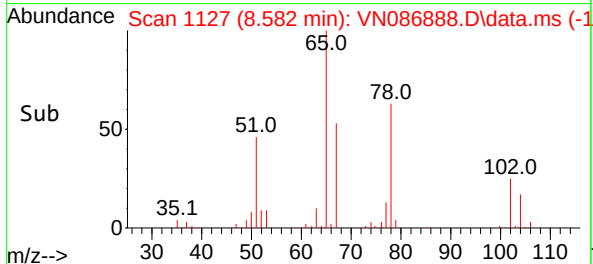
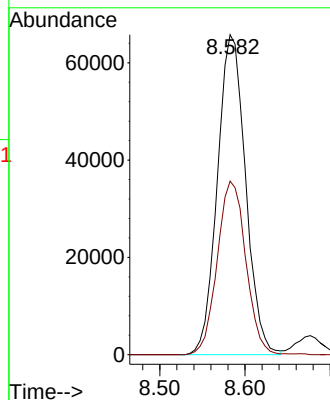
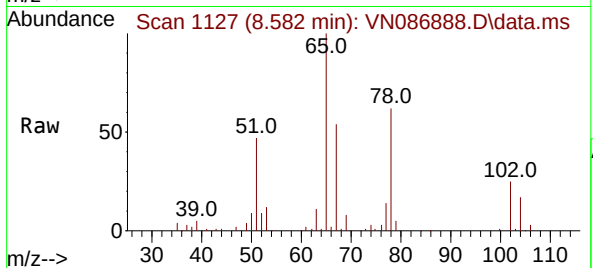
67 55.0 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086888.D

Acq: 09 Jun 2025 08:37

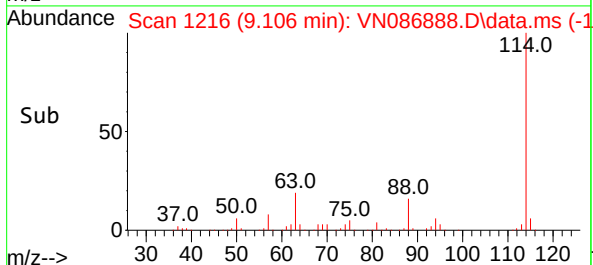
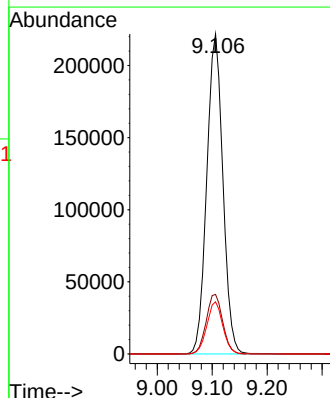
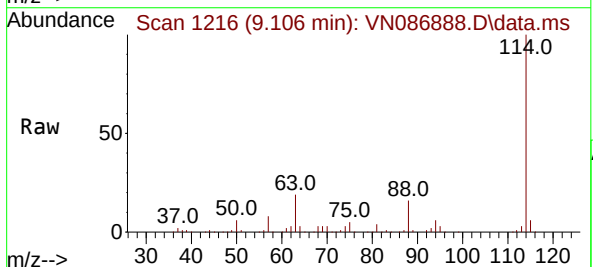
Tgt Ion:114 Resp: 451735

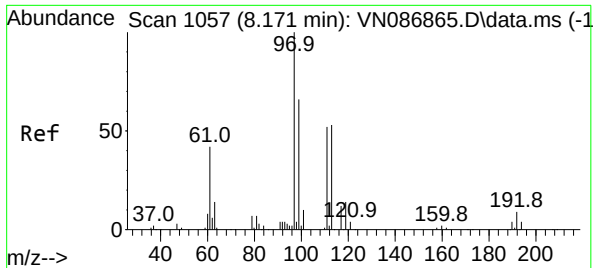
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

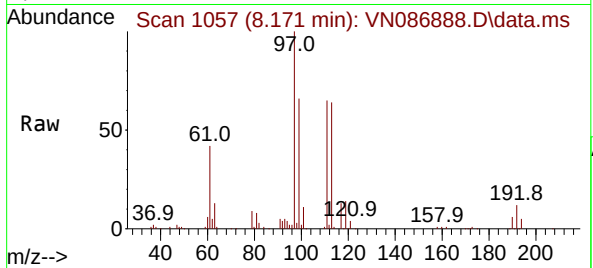
88 16.3 0.0 30.2





#35
Dibromofluoromethane
Concen: 49.703 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

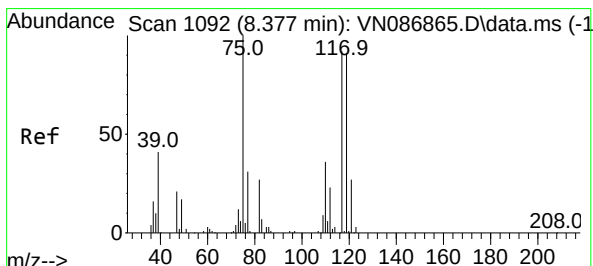
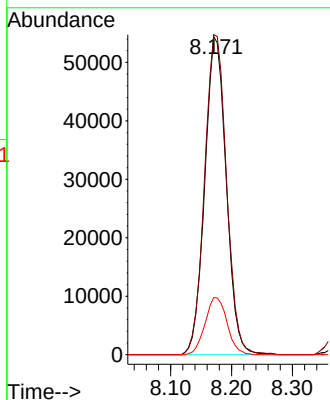
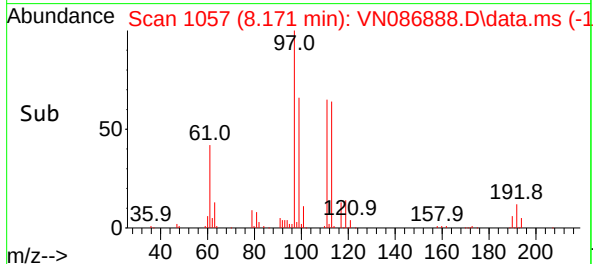
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



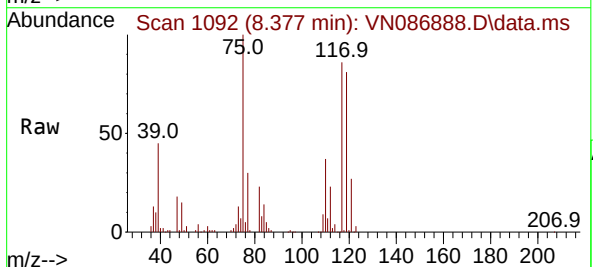
Tgt Ion: 113 Resp: 133059
Ion Ratio Lower Upper
113 100
111 103.3 84.2 126.2
192 18.4 14.2 21.4

Manual Integrations
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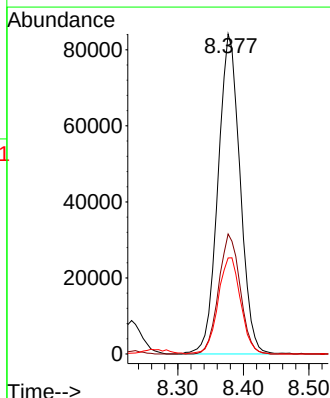
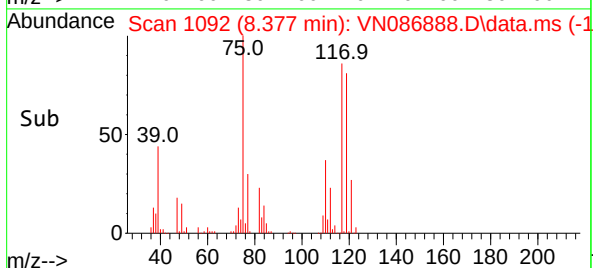
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

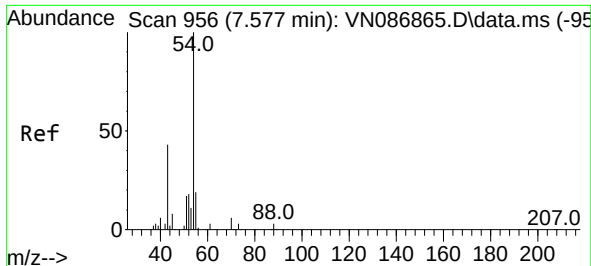


#36
1,1-Dichloropropene
Concen: 49.186 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37



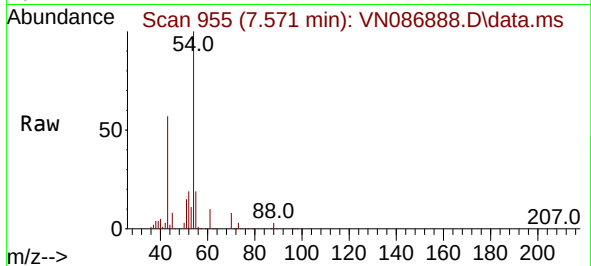
Tgt Ion: 75 Resp: 196210
Ion Ratio Lower Upper
75 100
110 36.6 17.6 52.9
77 30.9 25.3 37.9





#37
Ethyl Acetate
Concen: 45.959 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

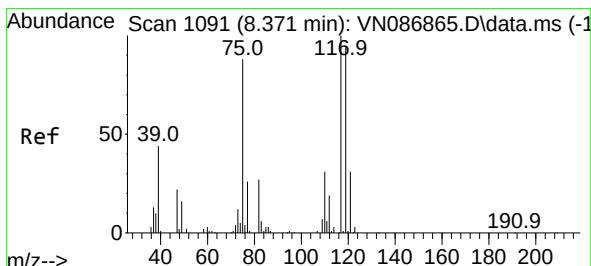
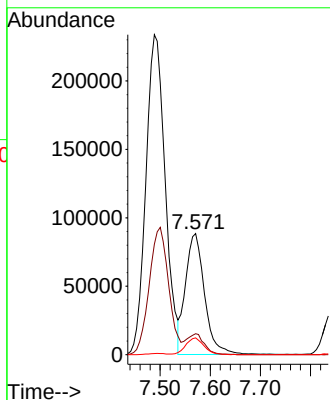
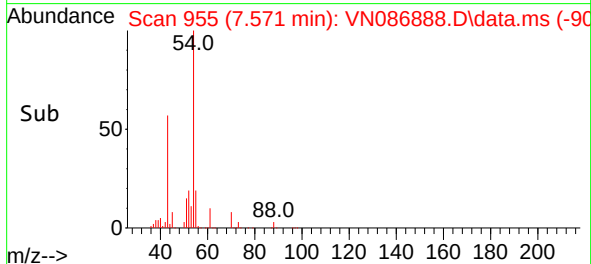
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 23338
Ion Ratio Lower Upper
43 100
61 15.1 12.1 18.1
70 13.3 9.8 14.6

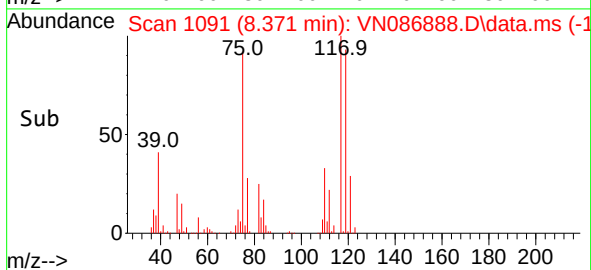
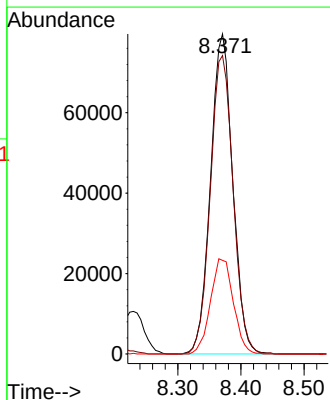
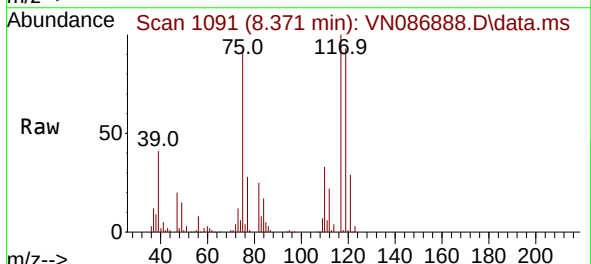
Manual Integrations
APPROVED

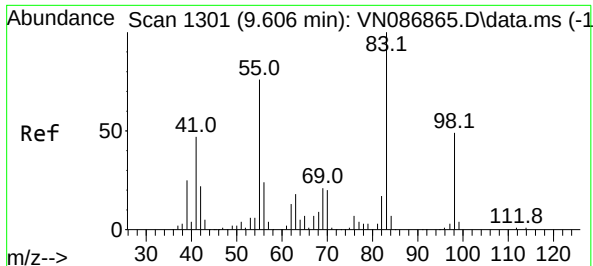
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#38
Carbon Tetrachloride
Concen: 49.670 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

Tgt Ion:117 Resp: 194527
Ion Ratio Lower Upper
117 100
119 93.2 75.0 112.6
121 29.3 24.9 37.3





#39

Methylcyclohexane

Concen: 44.591 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086888.D

Acq: 09 Jun 2025 08:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 24370

Ion Ratio Lower Upper

83 100

55 70.2 61.0 91.6

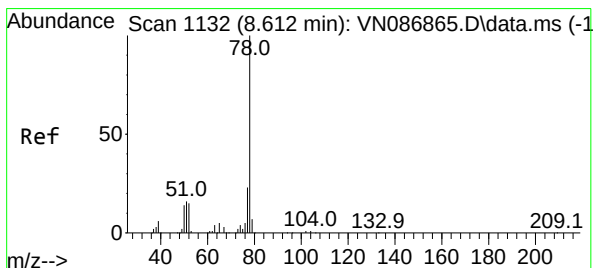
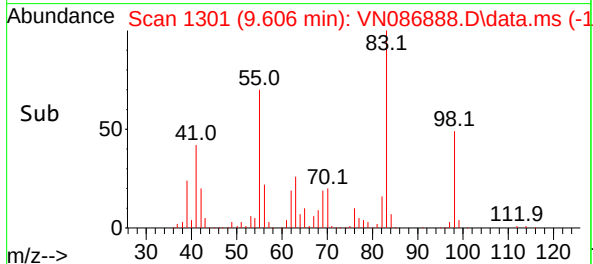
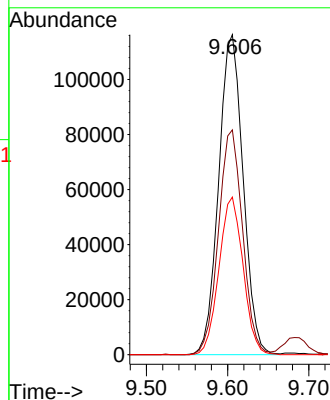
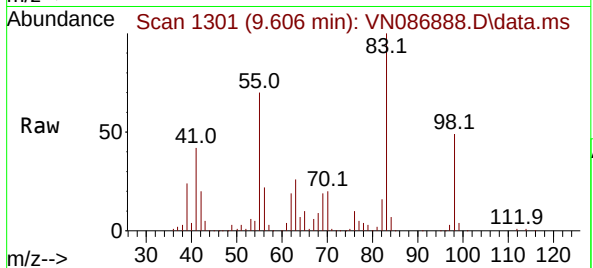
98 49.2 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#40

Benzene

Concen: 49.272 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN086888.D

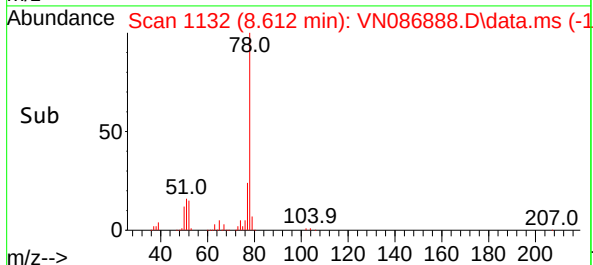
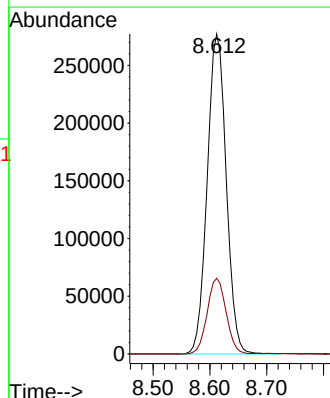
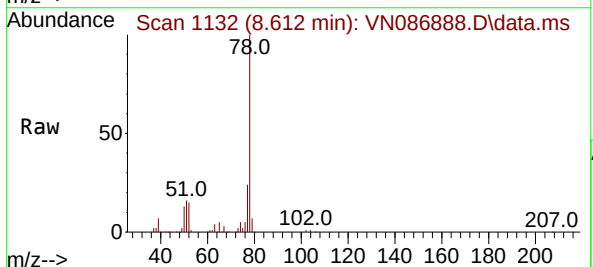
Acq: 09 Jun 2025 08:37

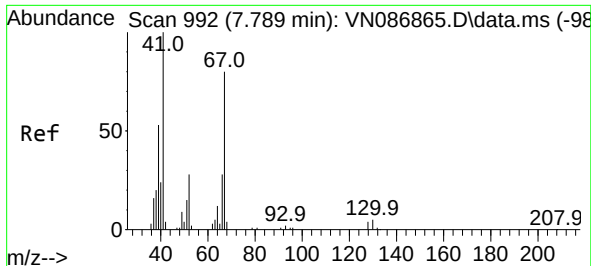
Tgt Ion: 78 Resp: 642732

Ion Ratio Lower Upper

78 100

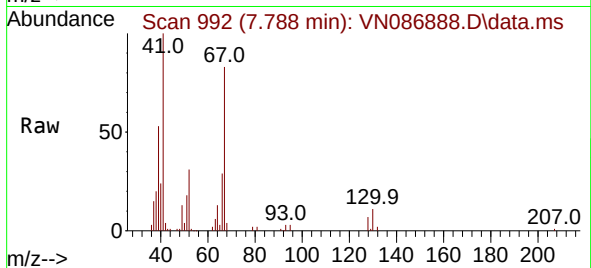
77 23.6 18.7 28.1





#41
Methacrylonitrile
Concen: 44.731 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

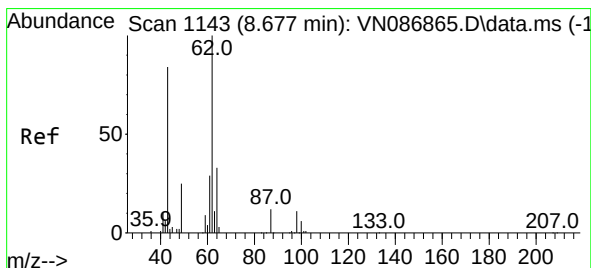
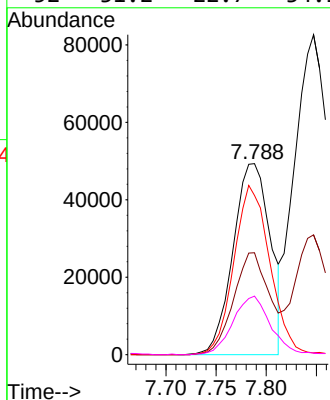
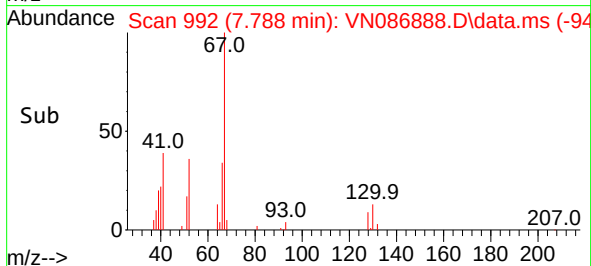
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



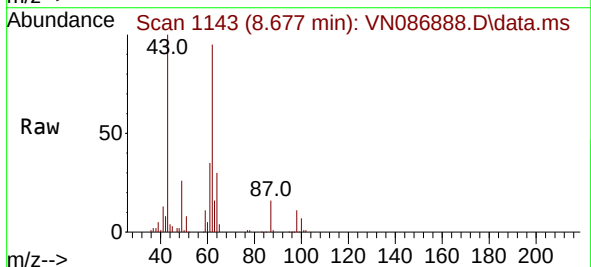
Tgt Ion: 41 Resp: 12757
Ion Ratio Lower Upper
41 100
39 50.6 41.2 61.8
67 86.2 61.4 92.2
52 31.2 22.7 34.1

Manual Integrations
APPROVED

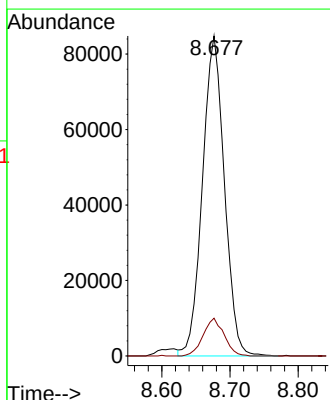
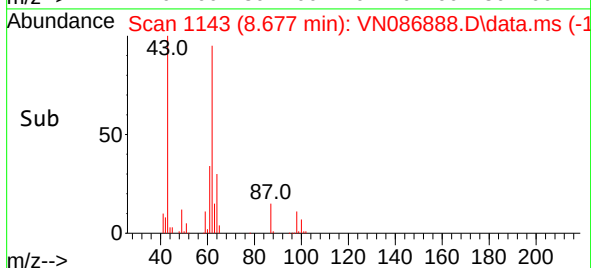
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

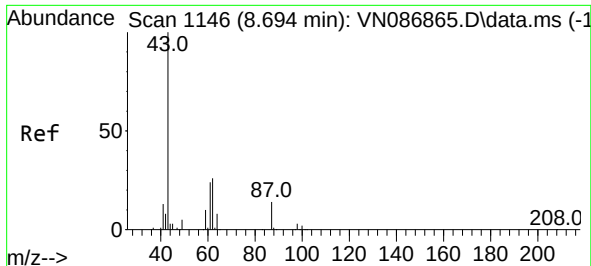


#42
1,2-Dichloroethane
Concen: 48.002 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37



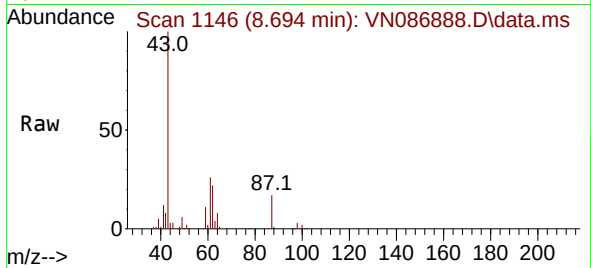
Tgt Ion: 62 Resp: 189921
Ion Ratio Lower Upper
62 100
98 11.3 0.0 21.2





#43
Isopropyl Acetate
Concen: 45.868 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

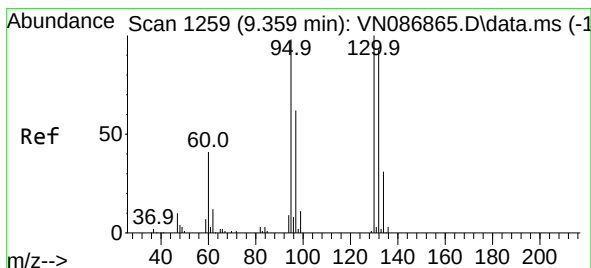
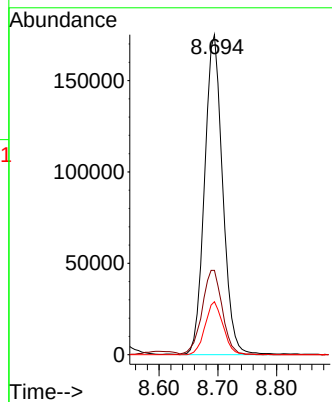
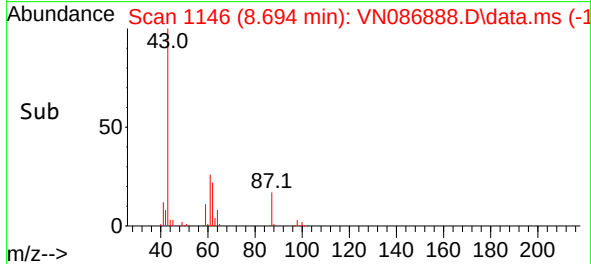
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 373849
Ion Ratio Lower Upper
43 100
61 29.6 22.1 33.1
87 16.5 11.8 17.6

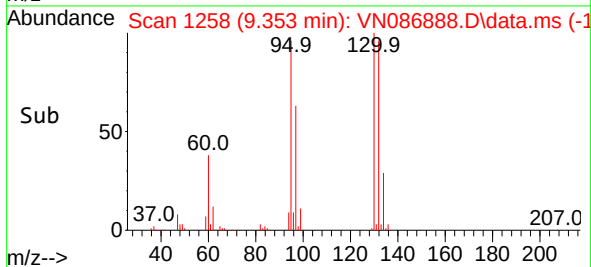
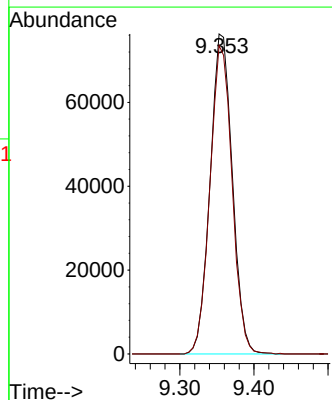
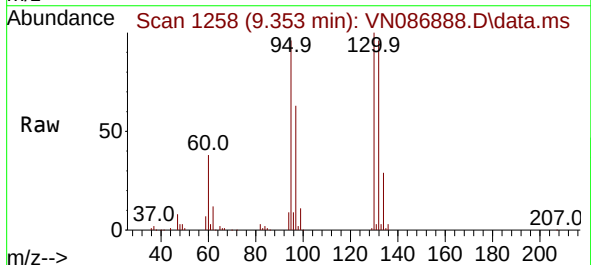
Manual Integrations
APPROVED

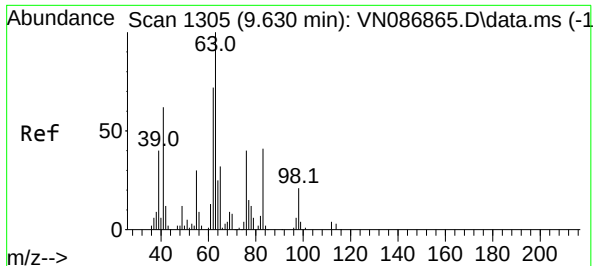
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#44
Trichloroethene
Concen: 51.458 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

Tgt Ion:130 Resp: 159166
Ion Ratio Lower Upper
130 100
95 96.3 0.0 196.2





#45

1,2-Dichloropropane

Concen: 49.319 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN086888.D

Acq: 09 Jun 2025 08:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15651

Ion Ratio Lower Upper

63 100

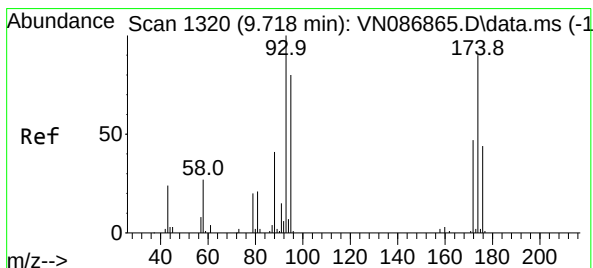
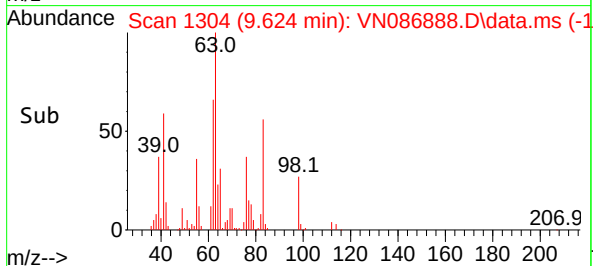
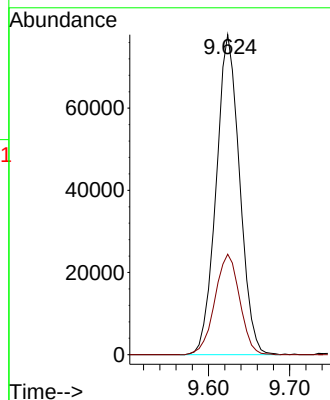
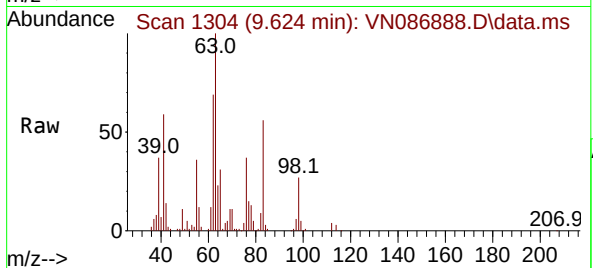
65 31.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#46

Dibromomethane

Concen: 52.086 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086888.D

Acq: 09 Jun 2025 08:37

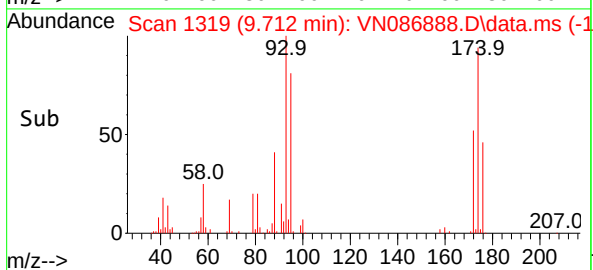
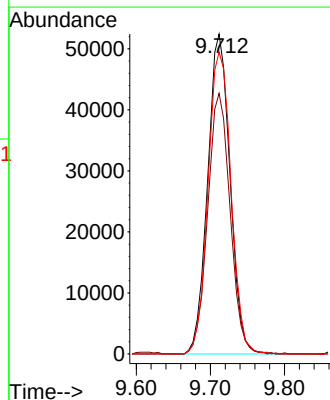
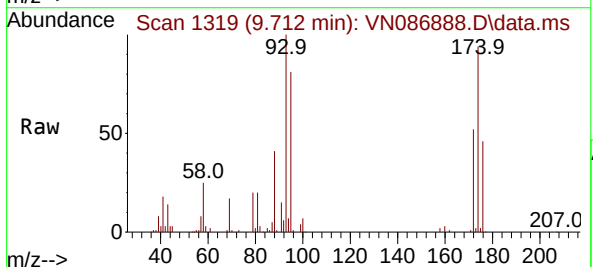
Tgt Ion: 93 Resp: 109794

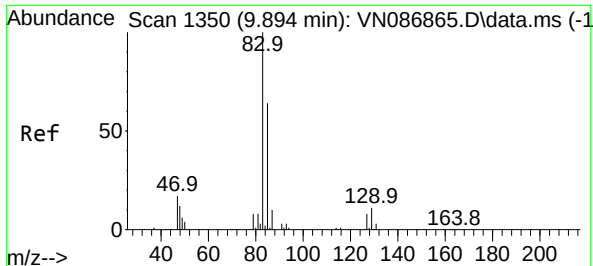
Ion Ratio Lower Upper

93 100

95 81.8 67.1 100.7

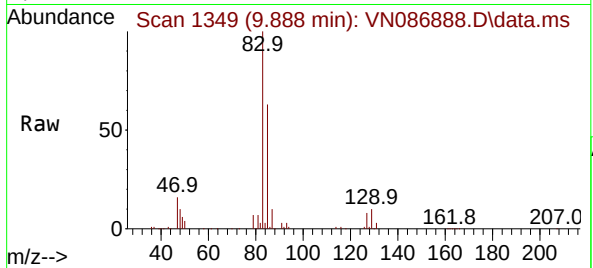
174 97.3 74.2 111.4





#47
Bromodichloromethane
Concen: 49.933 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

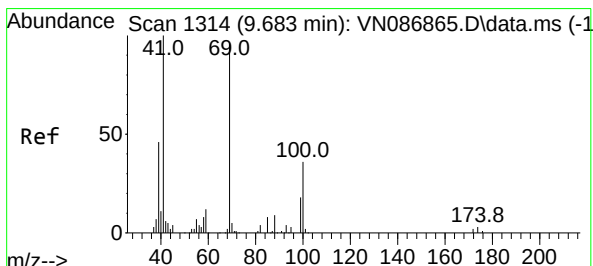
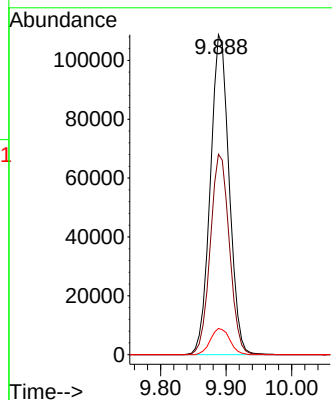
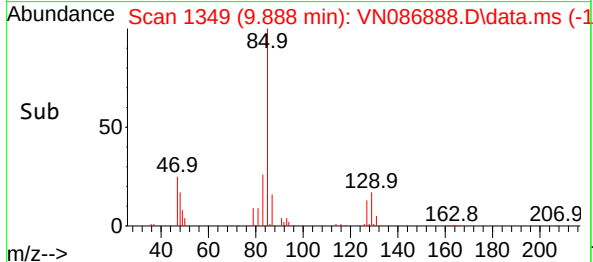
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 21656
Ion Ratio Lower Upper
83 100
85 62.6 50.9 76.3
127 8.2 6.6 10.0

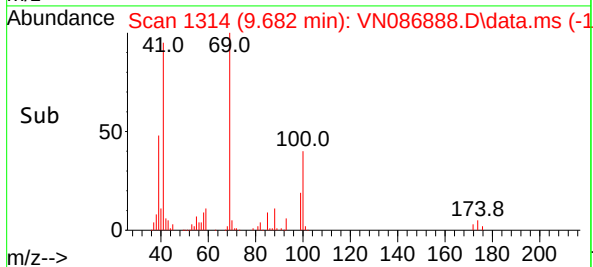
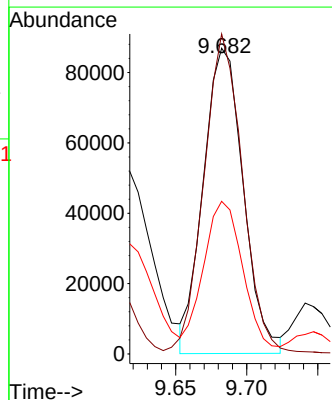
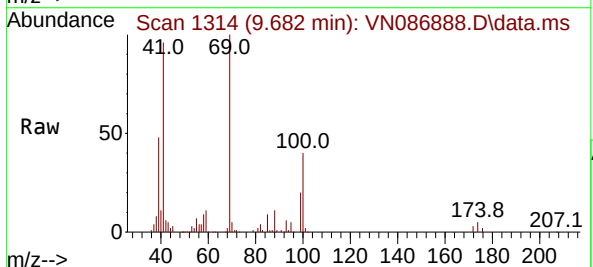
Manual Integrations
APPROVED

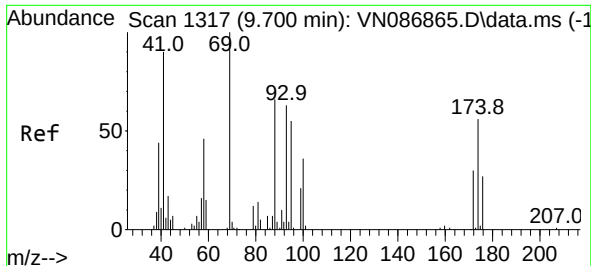
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#48
Methyl methacrylate
Concen: 45.323 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

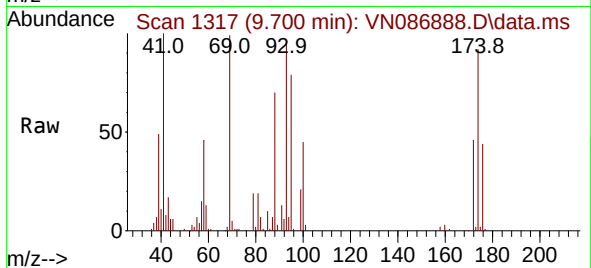
Tgt Ion: 41 Resp: 170025
Ion Ratio Lower Upper
41 100
69 101.2 74.6 112.0
39 50.1 40.2 60.4





#49
1,4-Dioxane
Concen: 906.076 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

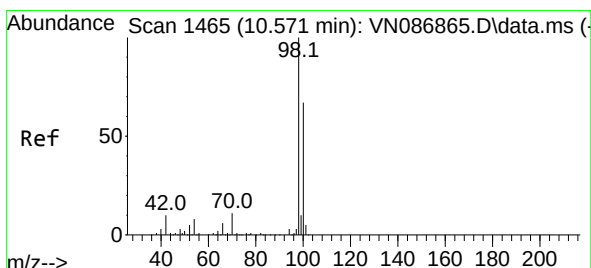
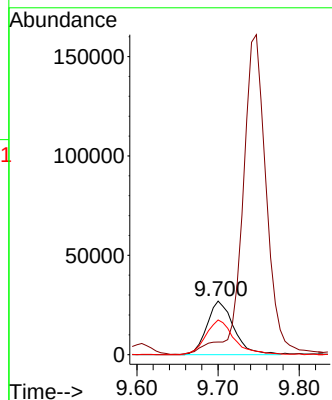
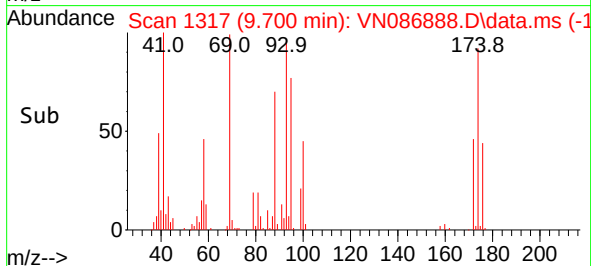
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 61830
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 68.9 57.7 86.5

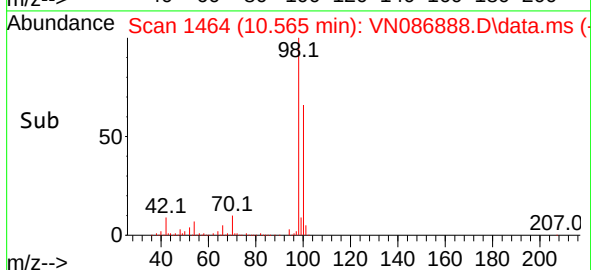
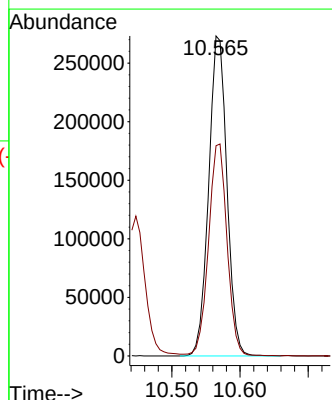
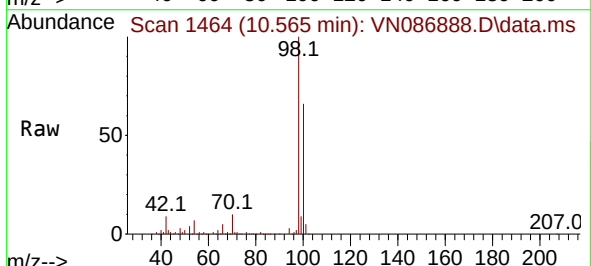
Manual Integrations
APPROVED

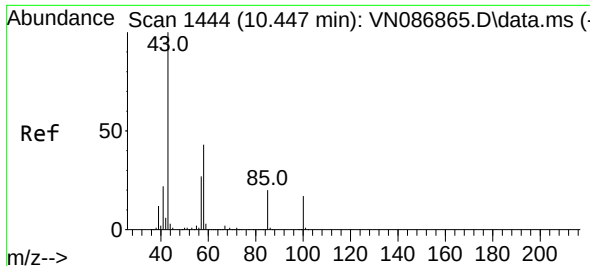
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#50
Toluene-d8
Concen: 47.952 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

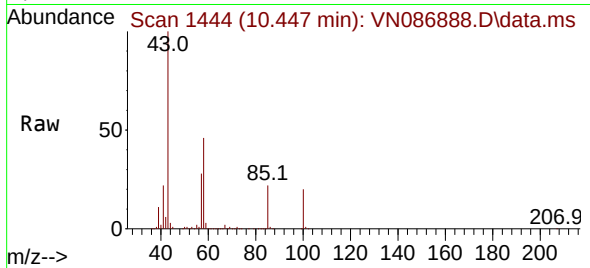
Tgt Ion: 98 Resp: 508186
Ion Ratio Lower Upper
98 100
100 67.2 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 233.442 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

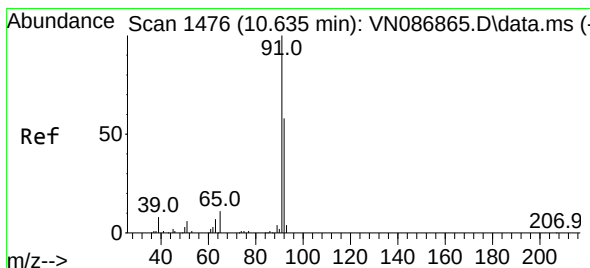
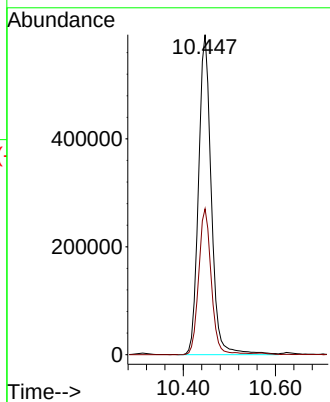
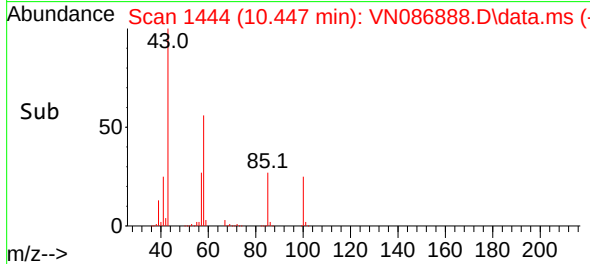
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



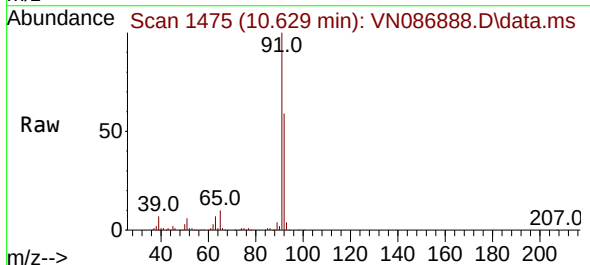
Tgt Ion: 43 Resp: 1145420
Ion Ratio Lower Upper
43 100
58 45.1 34.2 51.4

Manual Integrations
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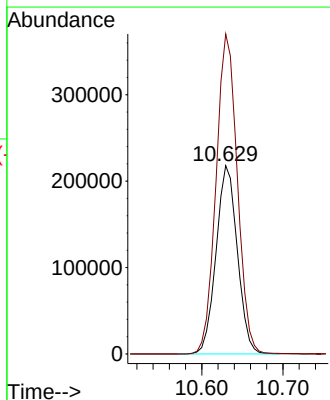
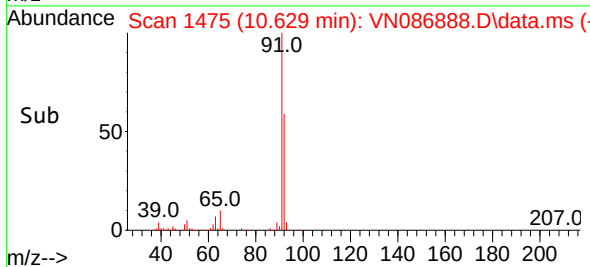
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

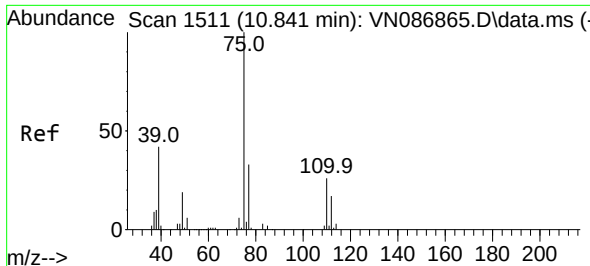


#52
Toluene
Concen: 49.745 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37



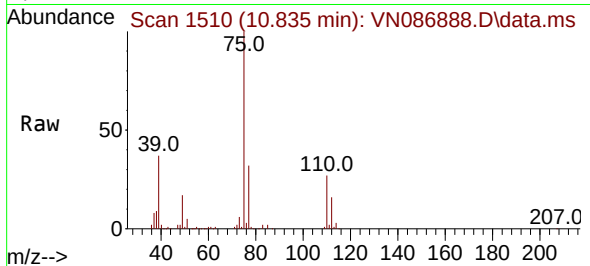
Tgt Ion: 92 Resp: 396562
Ion Ratio Lower Upper
92 100
91 170.4 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 52.141 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

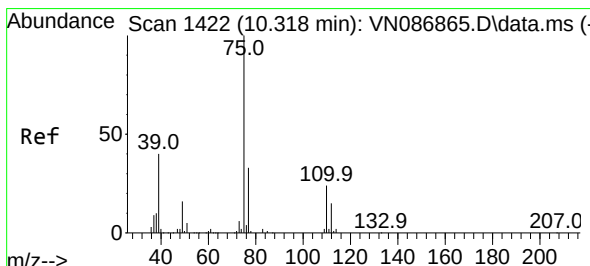
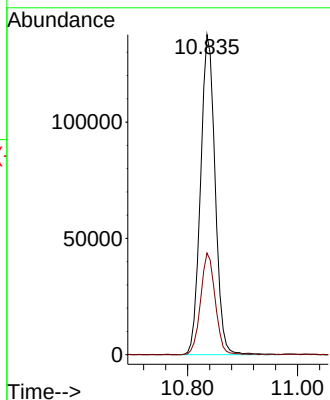
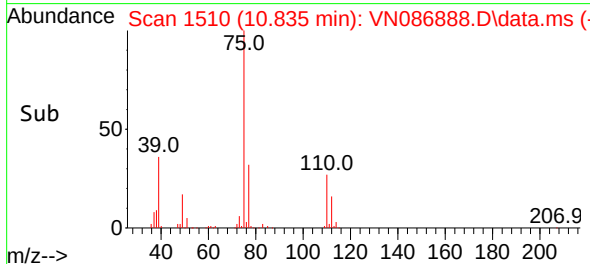
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 252860
Ion Ratio Lower Upper
75 100
77 31.8 26.4 39.6

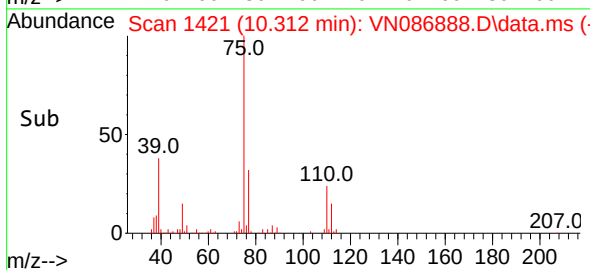
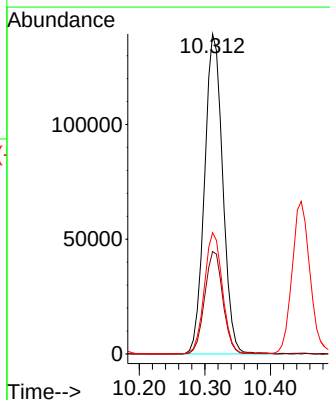
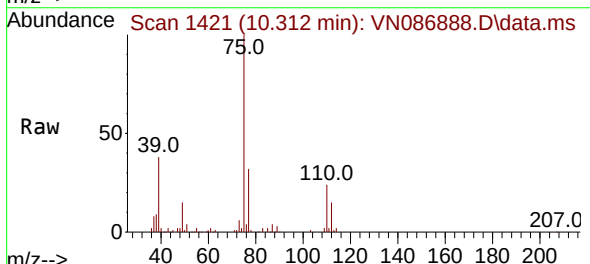
Manual Integrations
APPROVED

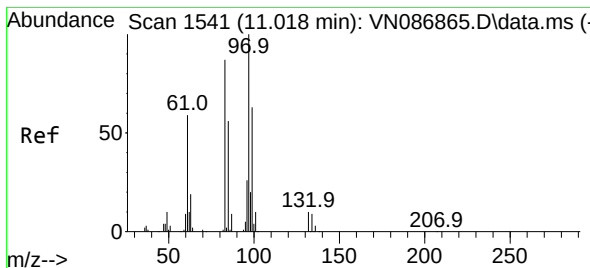
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#54
cis-1,3-Dichloropropene
Concen: 51.859 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

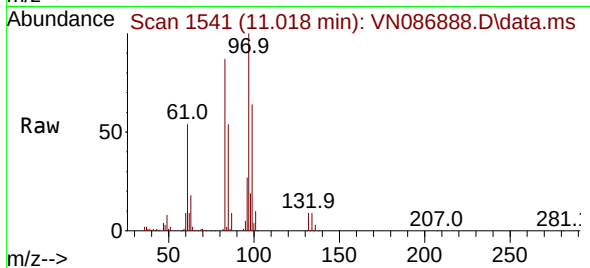
Tgt Ion: 75 Resp: 269095
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.4
39 37.8 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 50.186 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

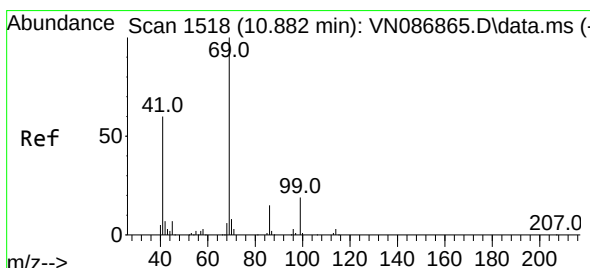
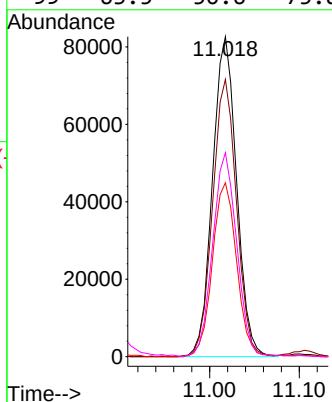
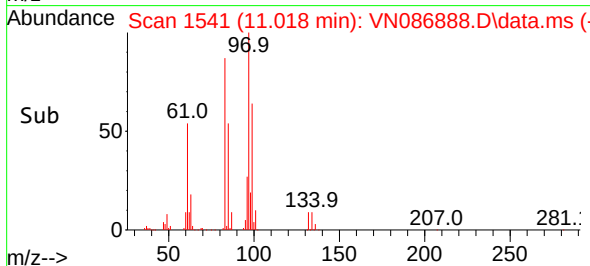
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



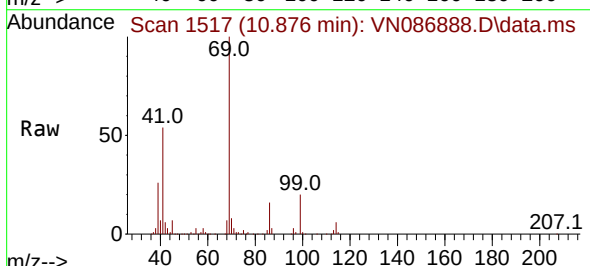
Tgt Ion: 97 Resp: 15394
Ion Ratio Lower Upper
97 100
83 86.7 69.7 104.5
85 54.4 45.1 67.7
99 63.5 50.6 75.8

Manual Integrations
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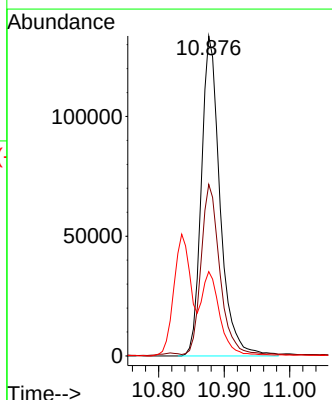
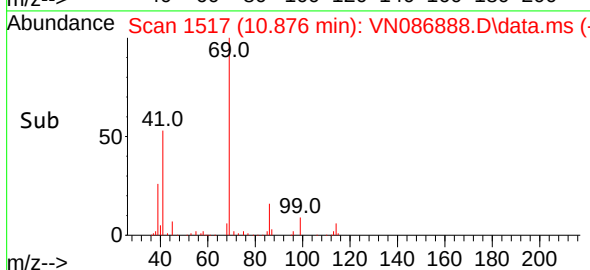
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

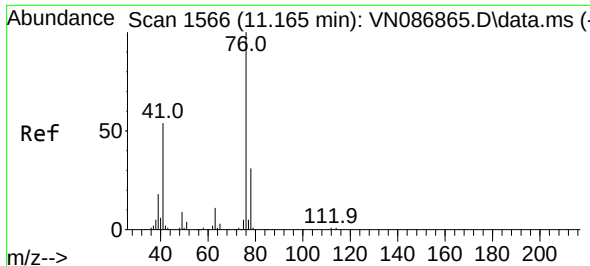


#56
Ethyl methacrylate
Concen: 54.375 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37



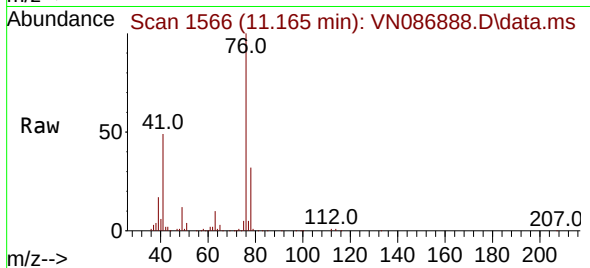
Tgt Ion: 69 Resp: 265661
Ion Ratio Lower Upper
69 100
41 52.9 47.2 70.8
39 24.9 23.0 34.6





#57
1,3-Dichloropropane
Concen: 49.844 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

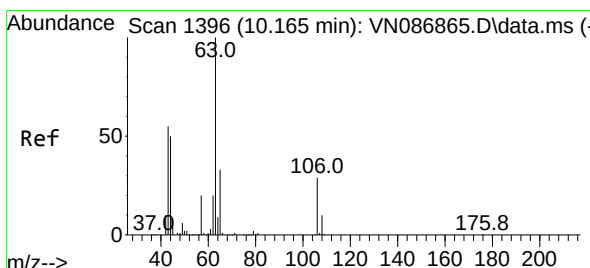
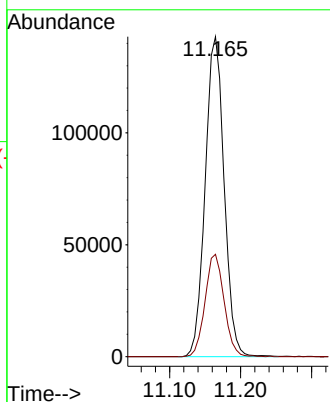
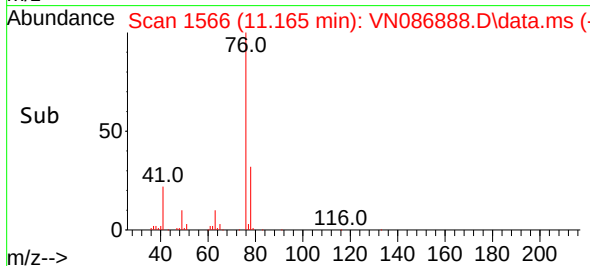
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 265229
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9

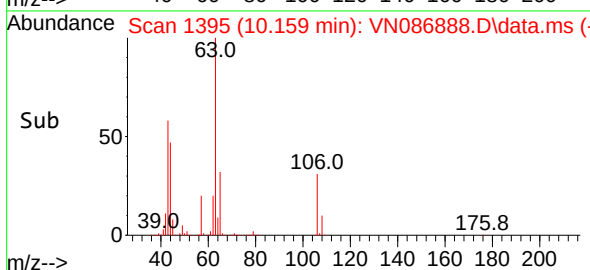
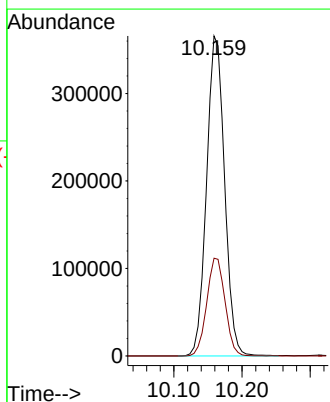
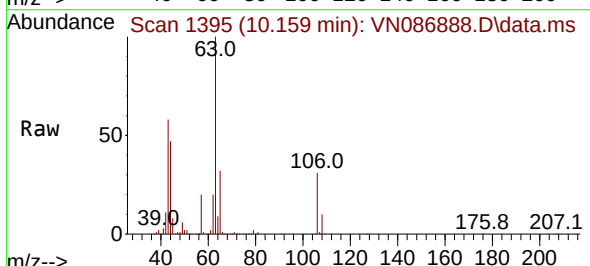
Manual Integrations
APPROVED

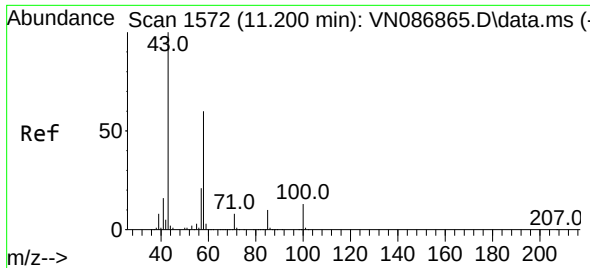
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#58
2-Chloroethyl Vinyl ether
Concen: 230.994 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

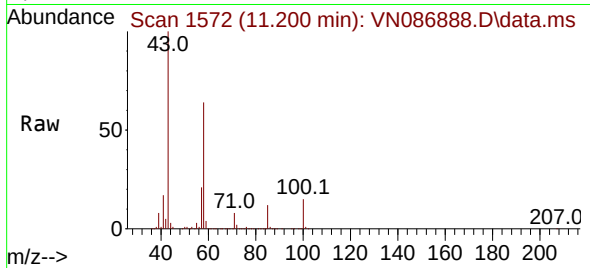
Tgt Ion: 63 Resp: 673133
Ion Ratio Lower Upper
63 100
106 31.0 23.0 34.6





#59
2-Hexanone
Concen: 244.401 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

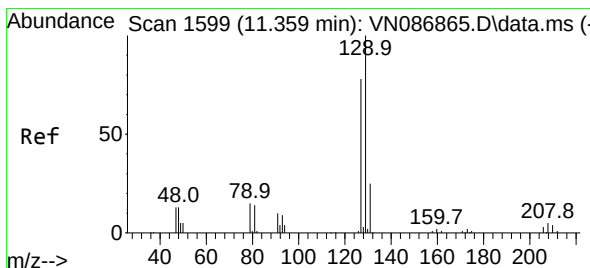
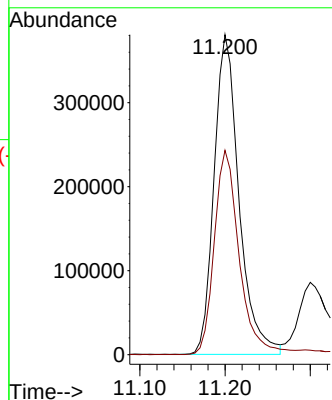
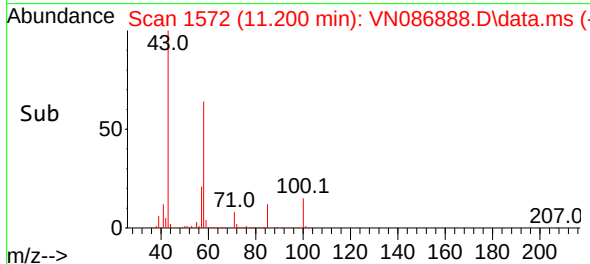
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 77244
Ion Ratio Lower Upper
43 100
58 64.3 30.4 91.3

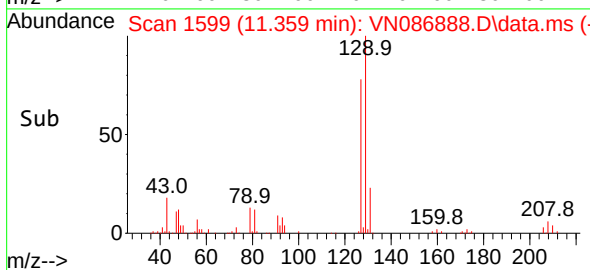
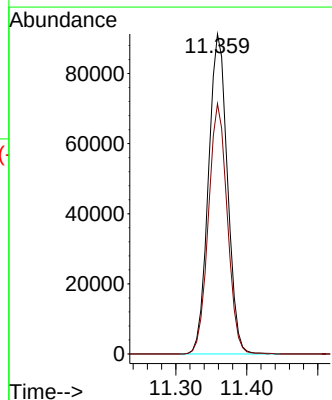
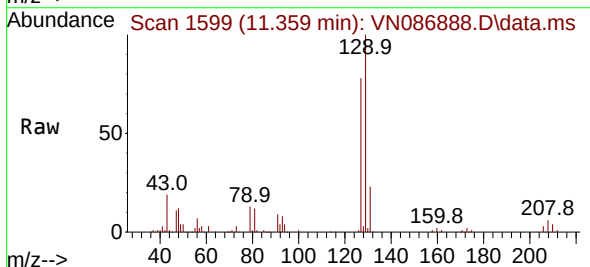
Manual Integrations
APPROVED

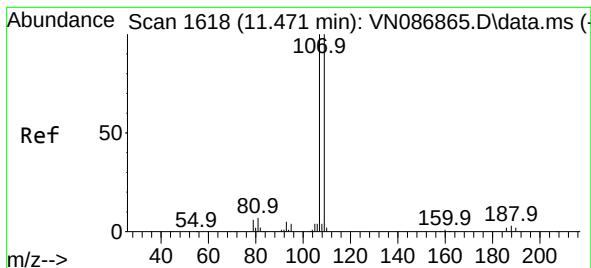
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#60
Dibromochloromethane
Concen: 52.993 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

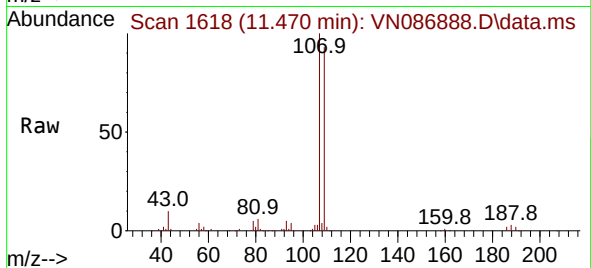
Tgt Ion:129 Resp: 169362
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 51.016 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

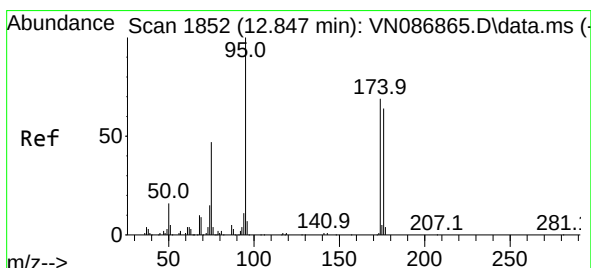
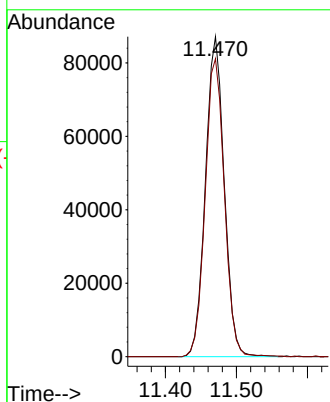
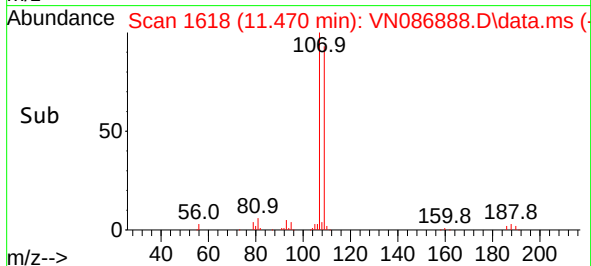
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



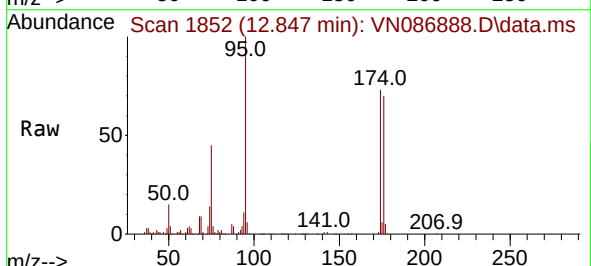
Tgt Ion:107 Resp: 160398
Ion Ratio Lower Upper
107 100
109 95.0 76.3 114.5

Manual Integrations
APPROVED

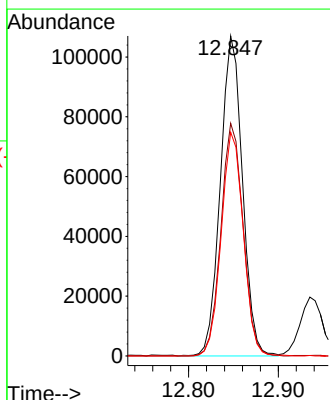
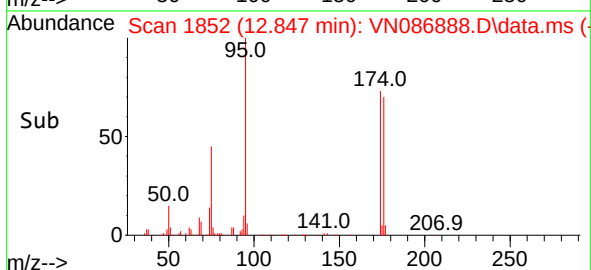
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

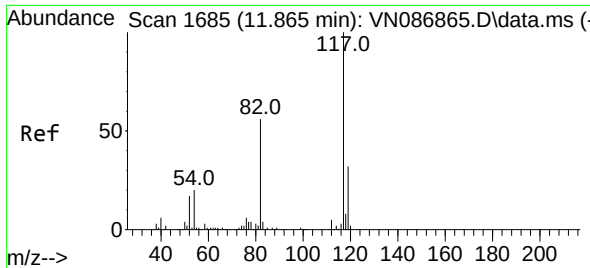


#62
4-Bromofluorobenzene
Concen: 46.522 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37



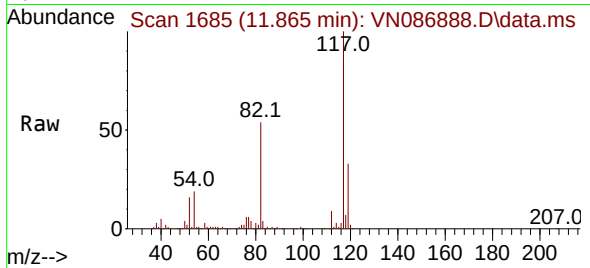
Tgt Ion: 95 Resp: 183178
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.8
176 69.7 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

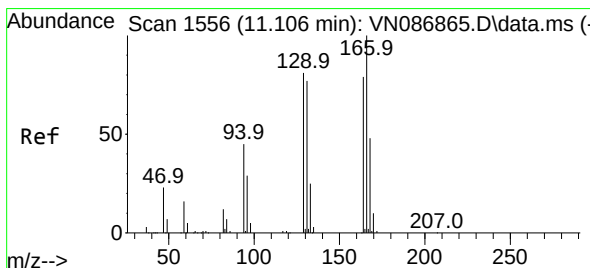
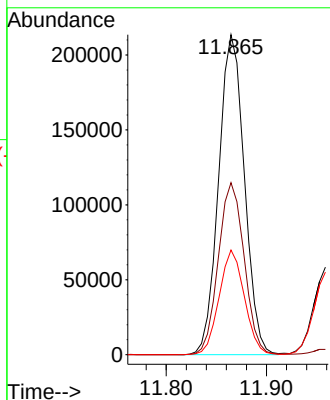
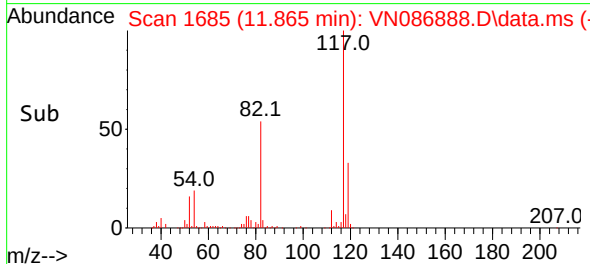
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 38092
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 32.7 25.5 38.3

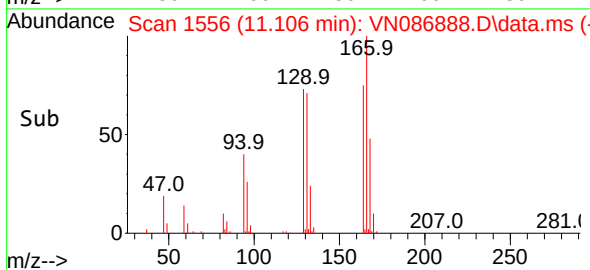
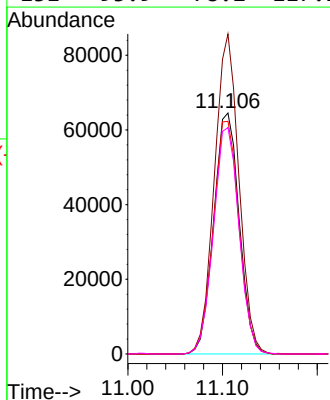
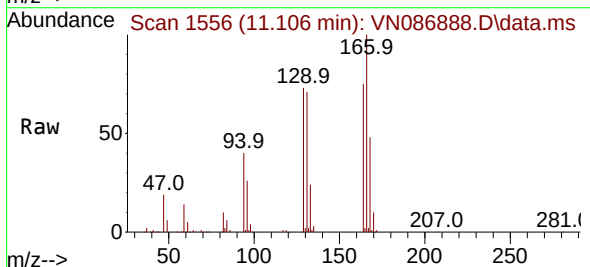
Manual Integrations
APPROVED

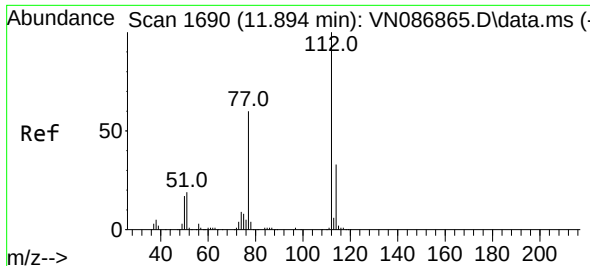
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#64
Tetrachloroethene
Concen: 50.252 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

Tgt Ion:164 Resp: 121144
Ion Ratio Lower Upper
164 100
166 132.8 101.8 152.8
129 96.5 83.0 124.4
131 93.9 78.2 117.2





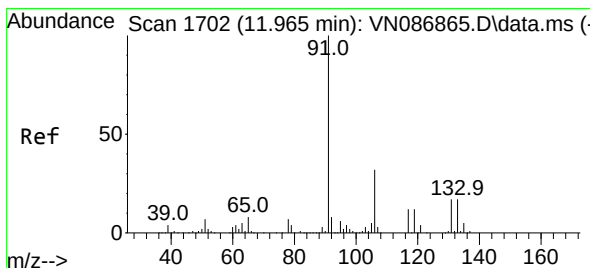
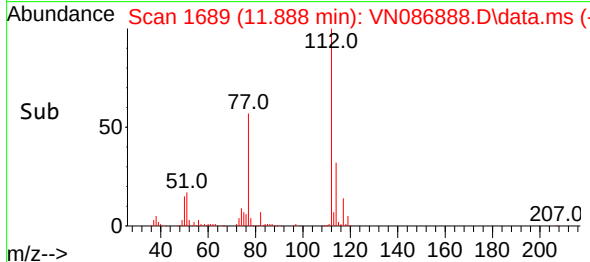
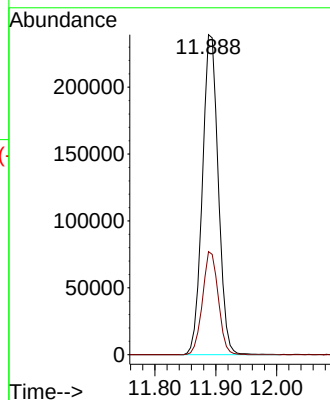
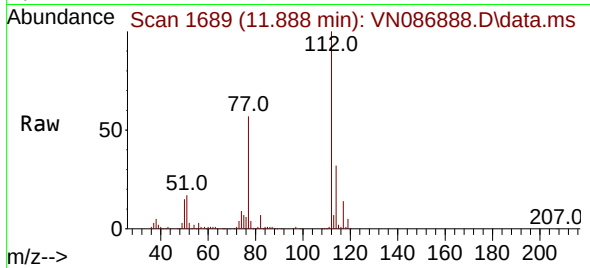
#65
Chlorobenzene
Concen: 51.673 ug/l
RT: 11.888 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 434120
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2

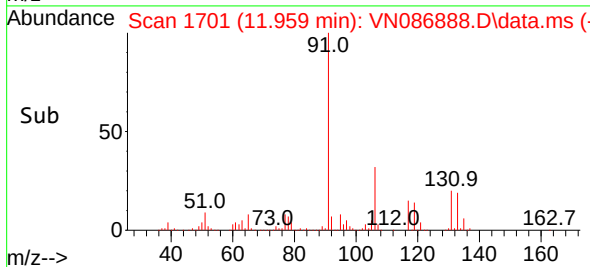
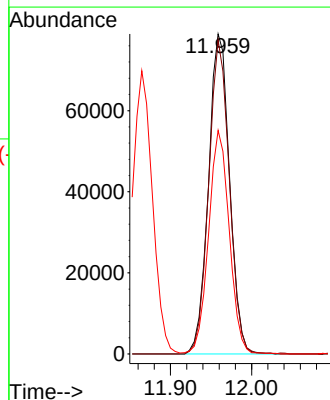
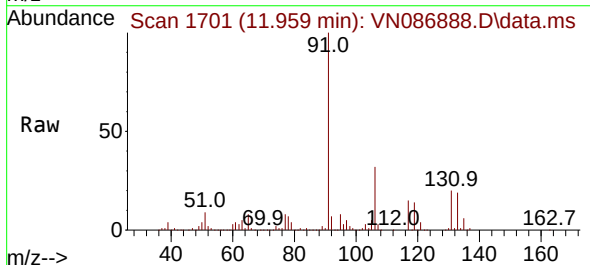
Manual Integrations
APPROVED

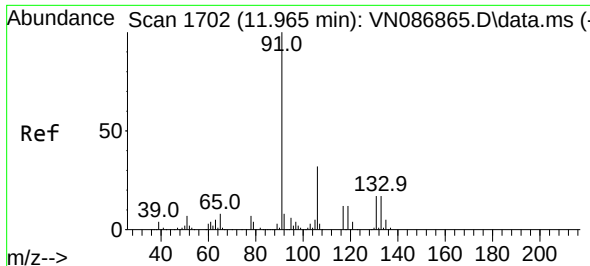
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.679 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

Tgt Ion:131 Resp: 142266
Ion Ratio Lower Upper
131 100
133 95.8 48.3 144.8
119 68.6 34.0 101.8





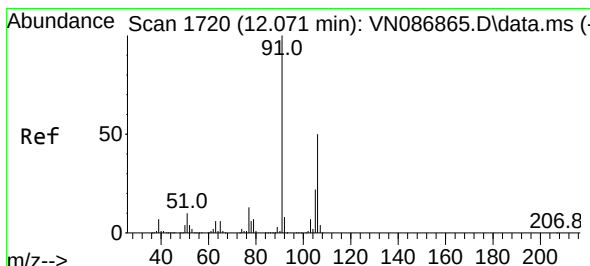
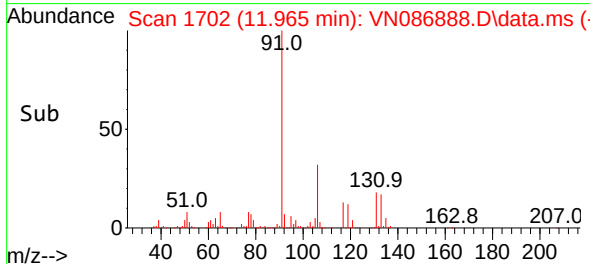
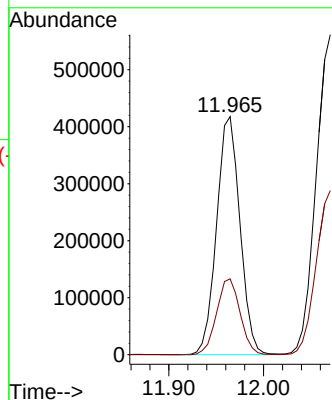
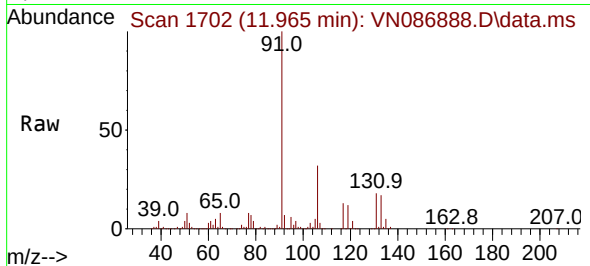
#67
Ethyl Benzene
Concen: 49.523 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 716652
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2

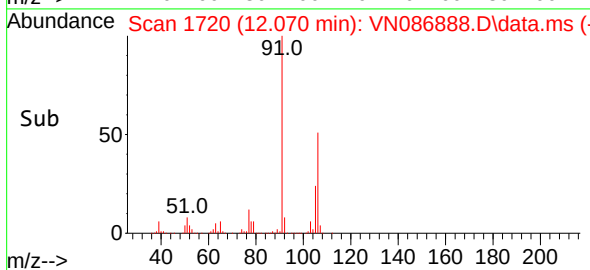
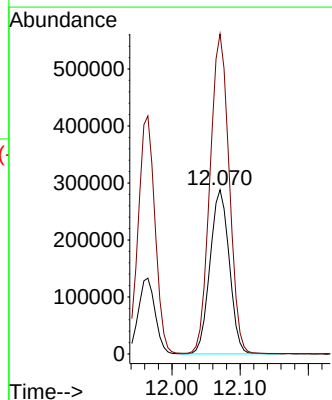
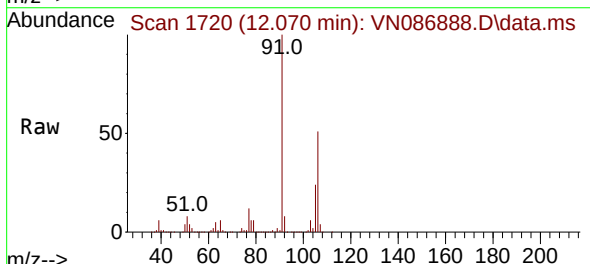
Manual Integrations
APPROVED

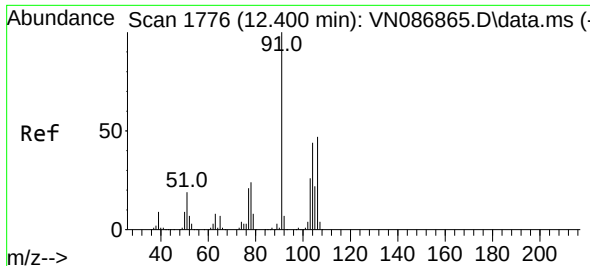
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#68
m/p-Xylenes
Concen: 102.006 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

Tgt Ion:106 Resp: 565069
Ion Ratio Lower Upper
106 100
91 194.8 159.4 239.0





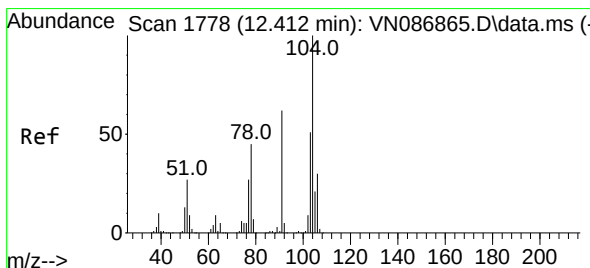
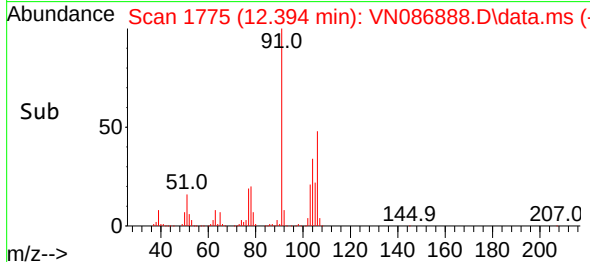
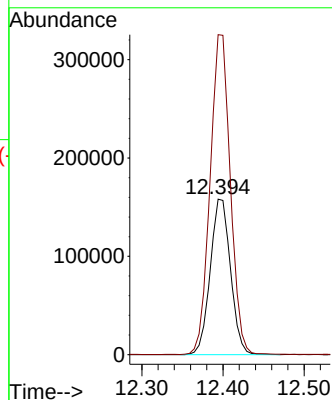
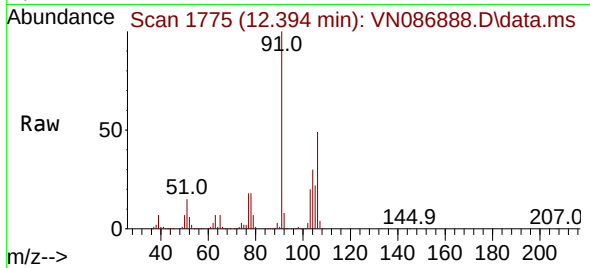
#69
o-Xylene
Concen: 51.757 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 274597
Ion Ratio Lower Upper
106 100
91 205.5 106.1 318.1

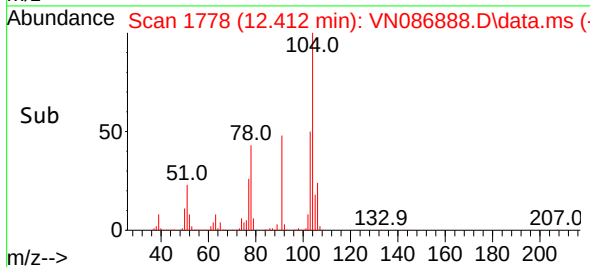
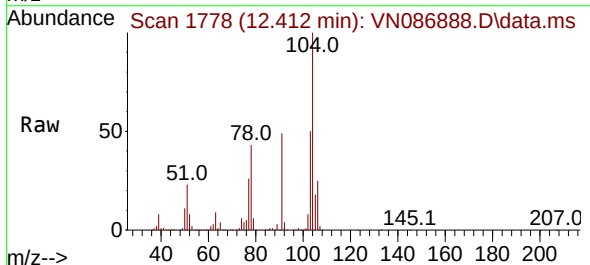
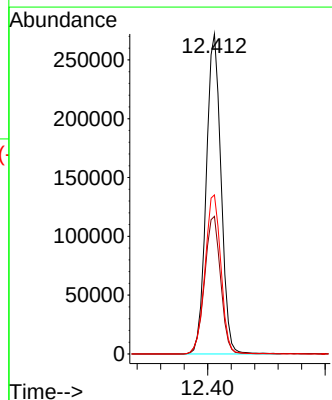
Manual Integrations
APPROVED

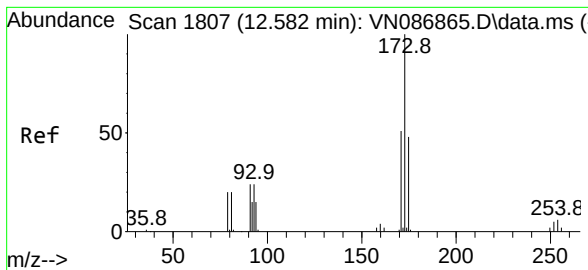
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#70
Styrene
Concen: 52.406 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

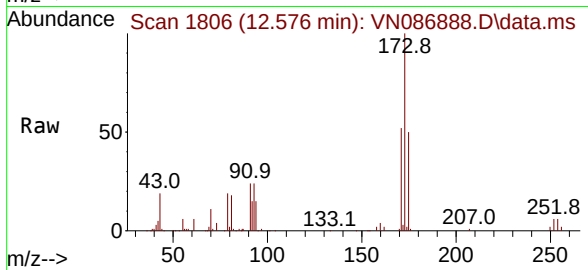
Tgt Ion:104 Resp: 475772
Ion Ratio Lower Upper
104 100
78 46.7 38.5 57.7
103 53.3 43.1 64.7





#71
Bromoform
Concen: 57.115 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

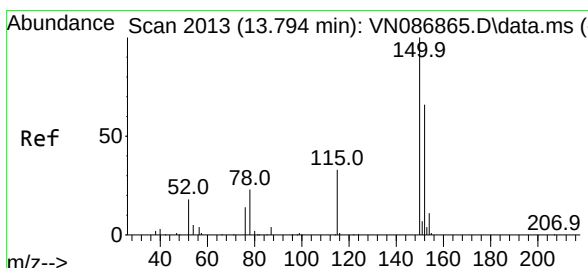
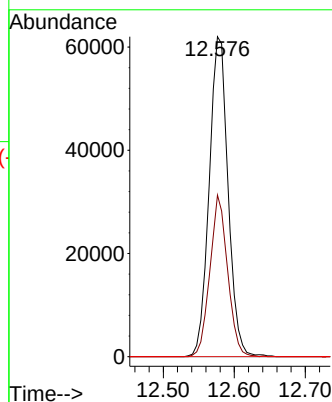
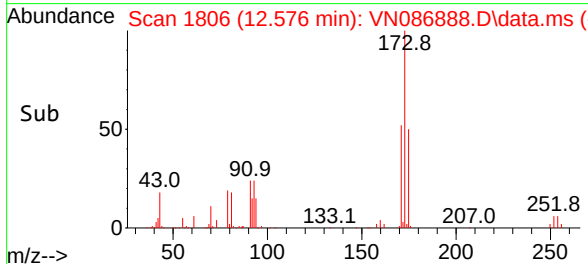
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



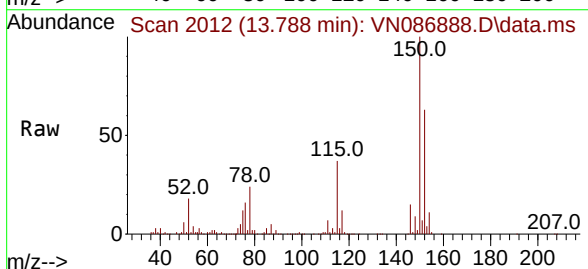
Tgt Ion:173 Resp: 114280
Ion Ratio Lower Upper
173 100
175 47.4 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

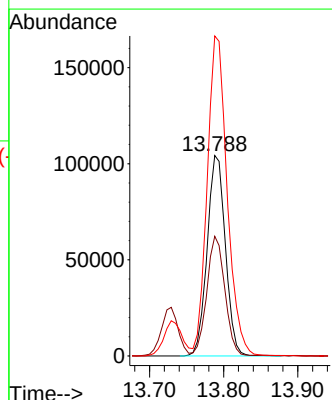
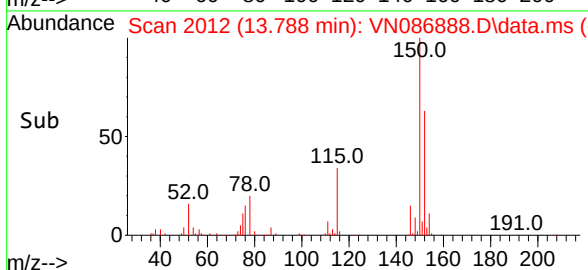
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

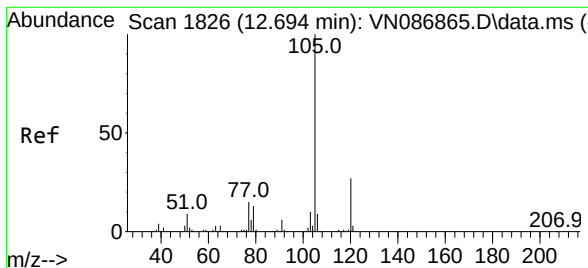


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37



Tgt Ion:152 Resp: 178512
Ion Ratio Lower Upper
152 100
115 58.6 30.1 90.5
150 174.5 0.0 345.0





#73

Isopropylbenzene

Concen: 51.104 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086888.D

Acq: 09 Jun 2025 08:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 66459

Ion Ratio Lower Upper

105 100

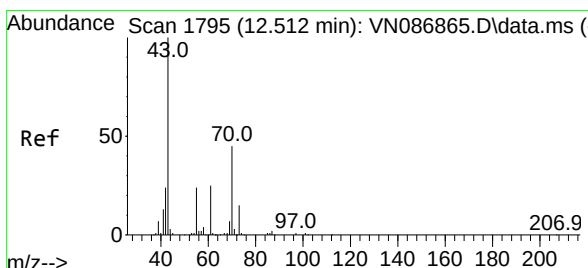
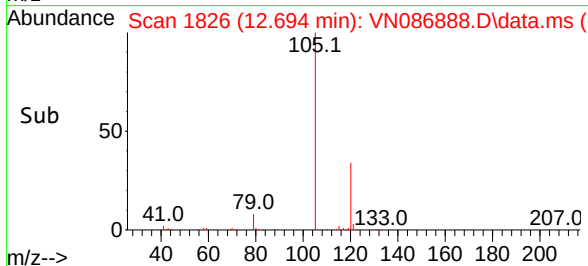
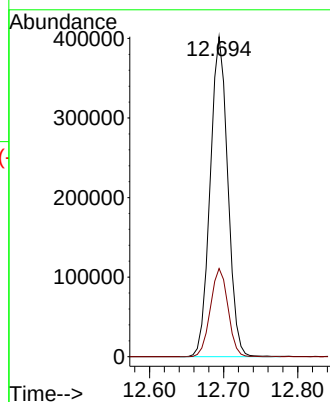
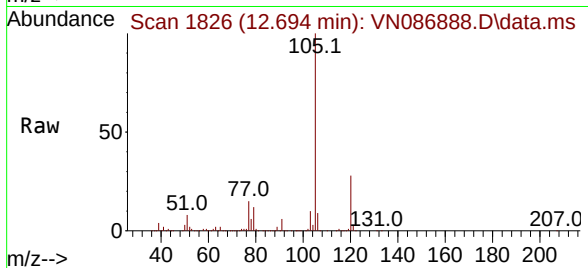
120 27.5 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#74

N-ethyl acetate

Concen: 55.326 ug/l

RT: 12.506 min Scan# 1794

Delta R.T. -0.006 min

Lab File: VN086888.D

Acq: 09 Jun 2025 08:37

Tgt Ion: 43 Resp: 251426

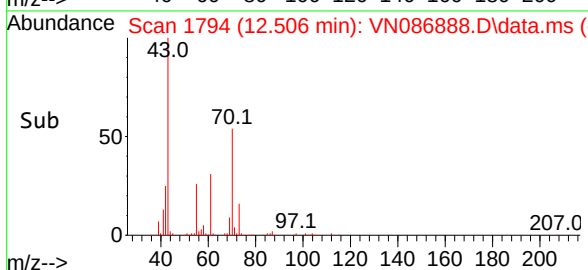
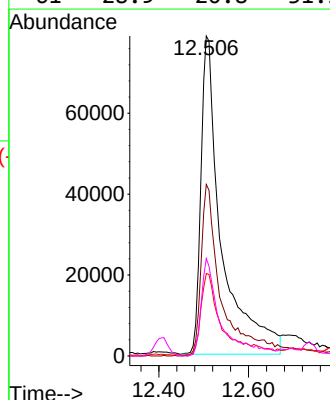
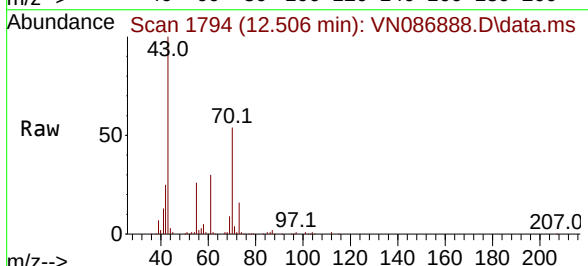
Ion Ratio Lower Upper

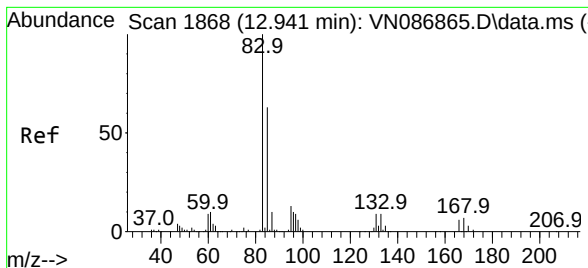
43 100

70 57.0 37.6 56.4

55 24.1 19.0 28.6

61 28.9 20.8 31.2





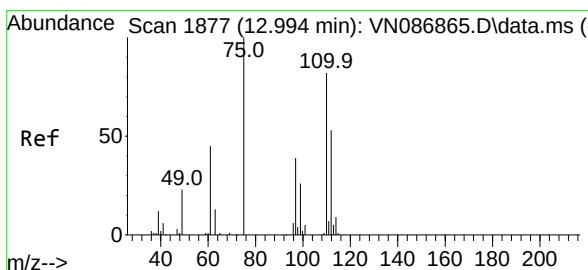
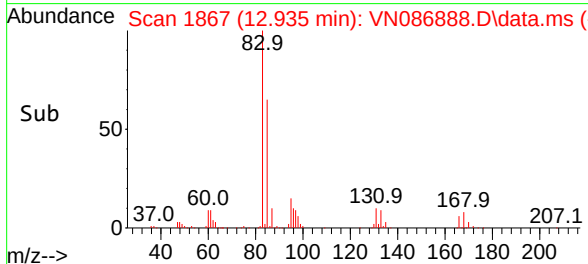
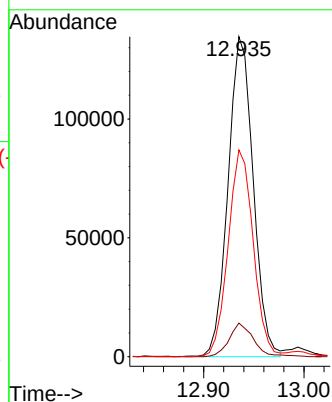
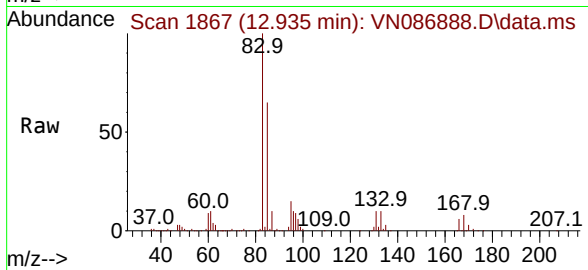
#75
1,1,2,2-Tetrachloroethane
Concen: 53.240 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 23456
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 64.4 32.0 96.0

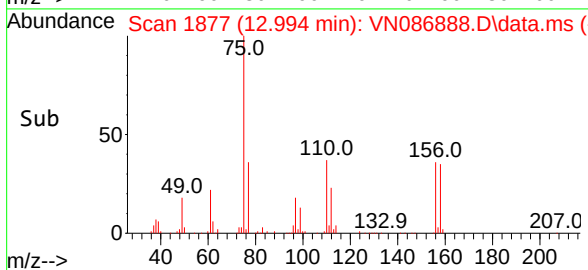
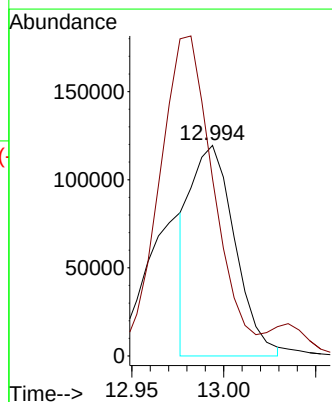
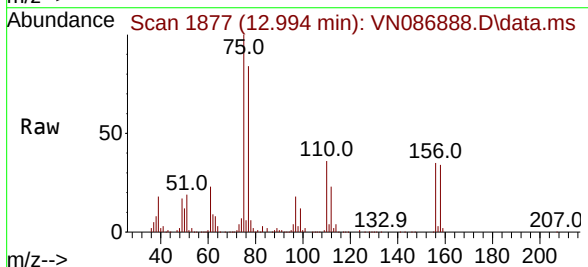
Manual Integrations
APPROVED

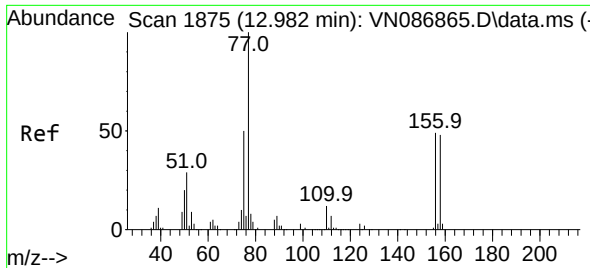
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#76
1,2,3-Trichloropropane
Concen: 46.776 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

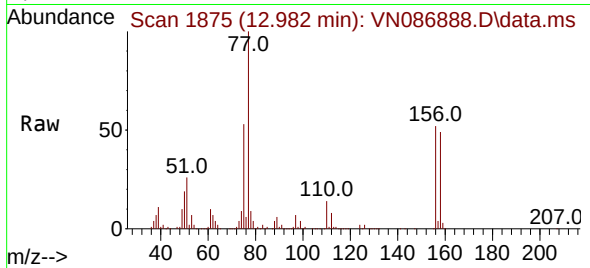
Tgt Ion: 75 Resp: 198486
Ion Ratio Lower Upper
75 100
77 188.2 79.3 237.9





#77
Bromobenzene
Concen: 56.377 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

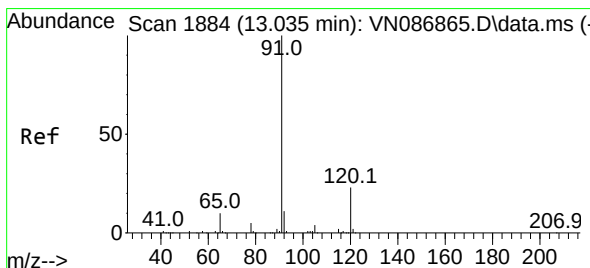
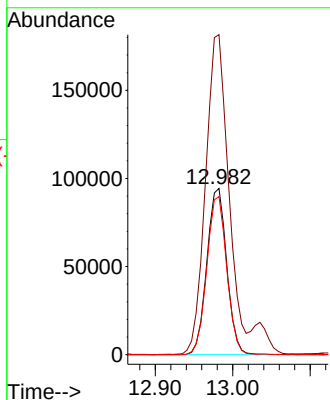
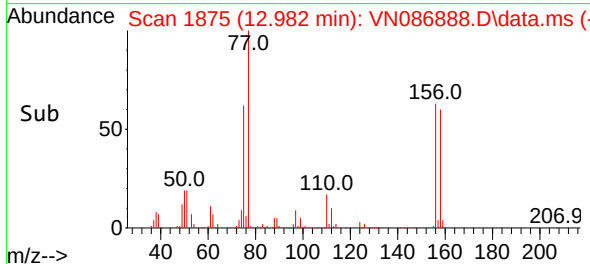
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



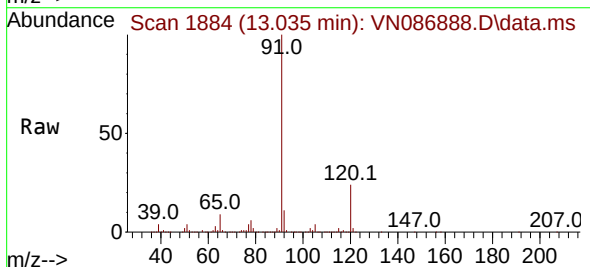
Tgt Ion:156 Resp: 16814
Ion Ratio Lower Upper
156 100
77 222.1 117.7 353.1
158 95.3 48.1 144.4

Manual Integrations
APPROVED

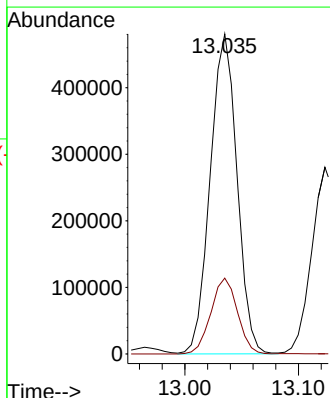
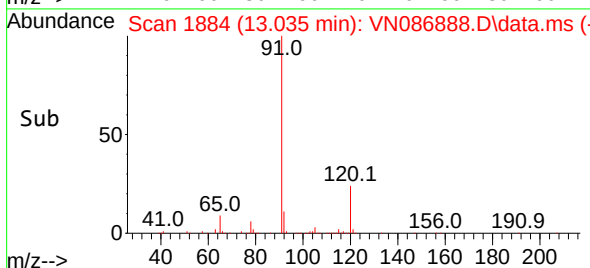
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

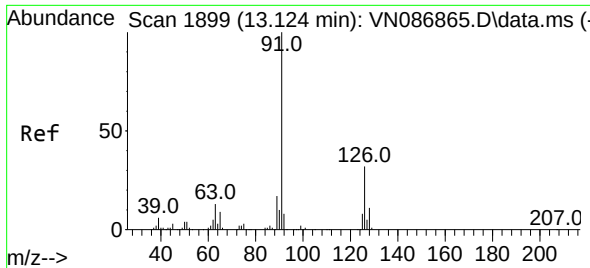


#78
n-propylbenzene
Concen: 49.835 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37



Tgt Ion: 91 Resp: 787597
Ion Ratio Lower Upper
91 100
120 23.5 11.4 34.2





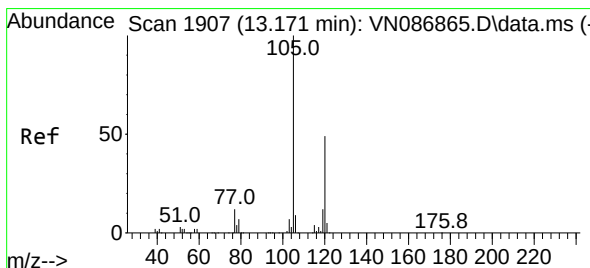
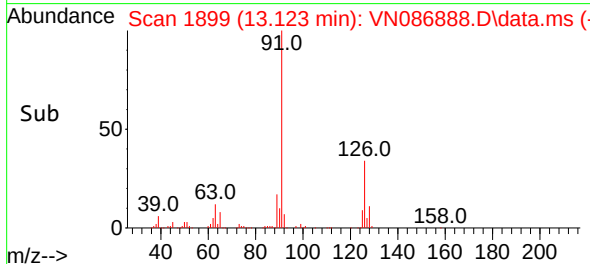
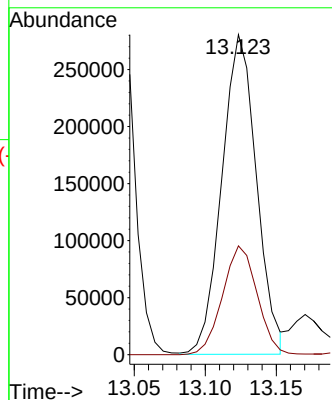
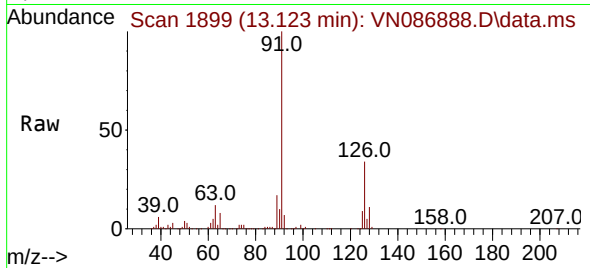
#79
2-Chlorotoluene
Concen: 50.223 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 476012
Ion Ratio Lower Upper
91 100
126 34.1 16.2 48.5

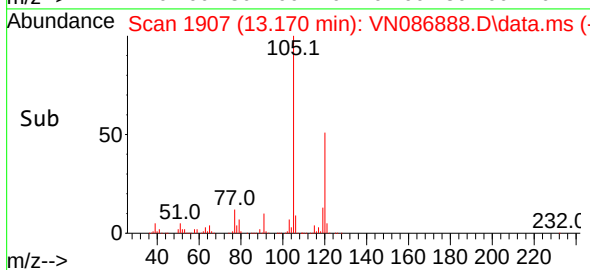
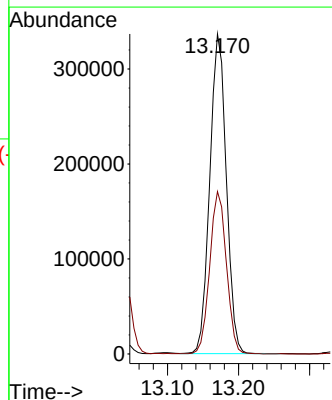
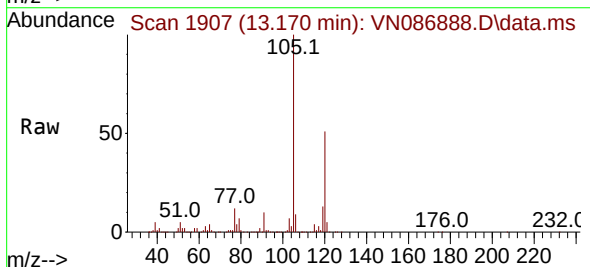
Manual Integrations
APPROVED

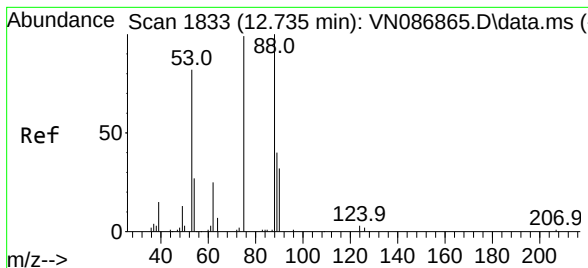
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.722 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

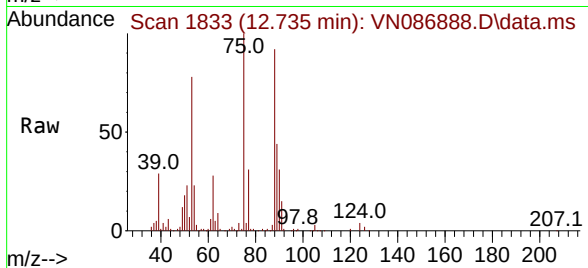
Tgt Ion:105 Resp: 544603
Ion Ratio Lower Upper
105 100
120 51.3 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 57.553 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

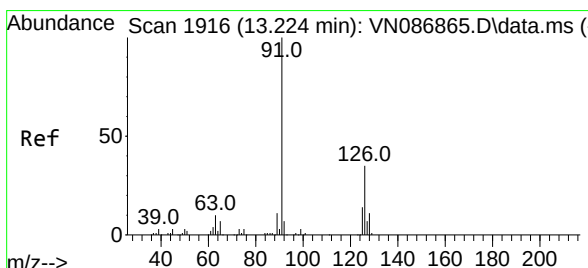
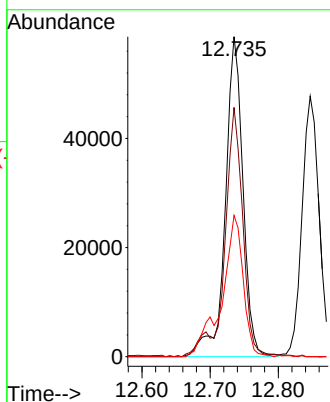
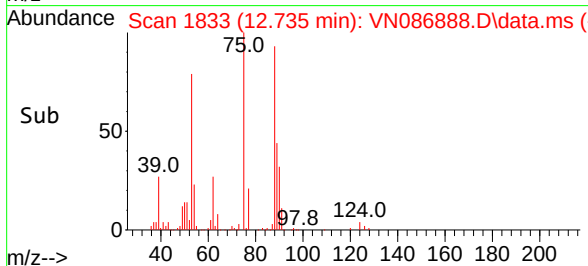
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 106090
Ion Ratio Lower Upper
75 100
53 73.7 66.6 99.8
89 53.6 36.7 55.1

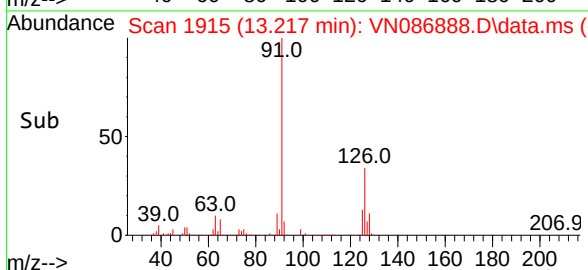
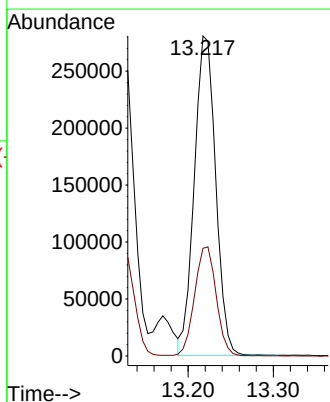
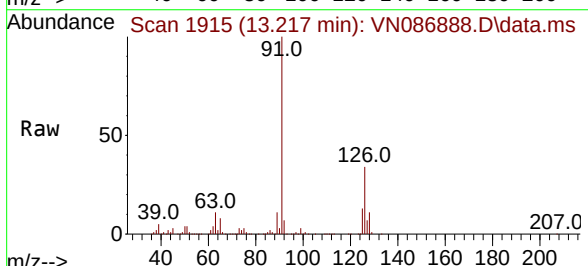
Manual Integrations
APPROVED

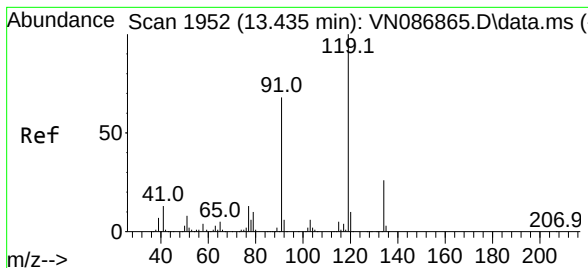
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#82
4-Chlorotoluene
Concen: 50.946 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

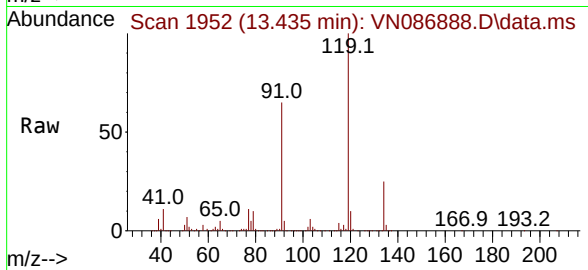
Tgt Ion: 91 Resp: 488581
Ion Ratio Lower Upper
91 100
126 34.5 16.7 50.1





#83
tert-Butylbenzene
Concen: 50.830 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

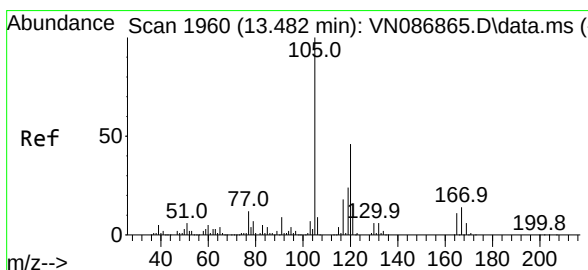
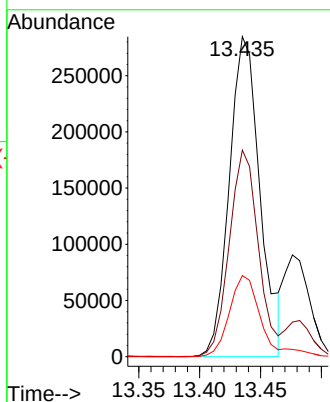
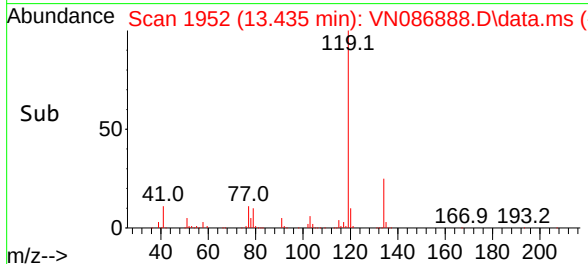
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



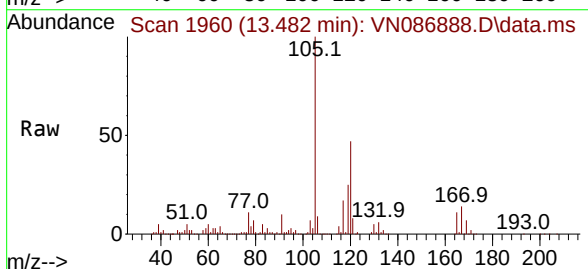
Tgt Ion:119 Resp: 499574
Ion Ratio Lower Upper
119 100
91 61.1 32.1 96.5
134 26.2 13.4 40.1

Manual Integrations
APPROVED

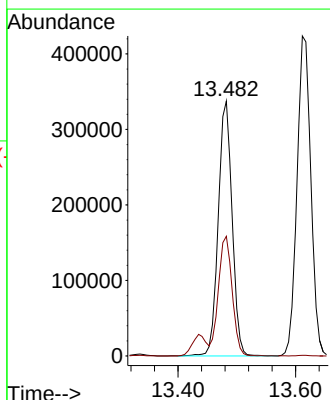
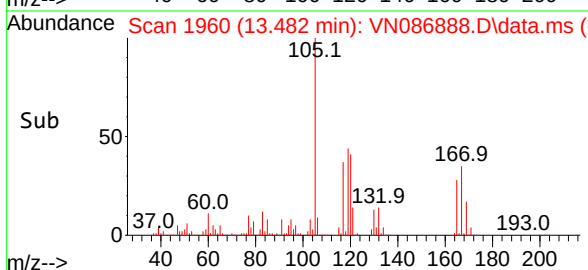
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

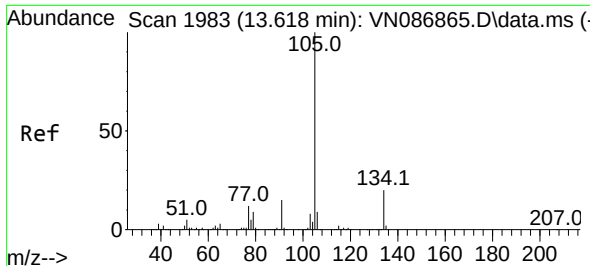


#84
1,2,4-Trimethylbenzene
Concen: 51.368 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37



Tgt Ion:105 Resp: 553058
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6





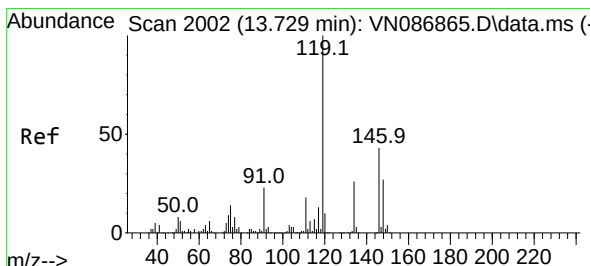
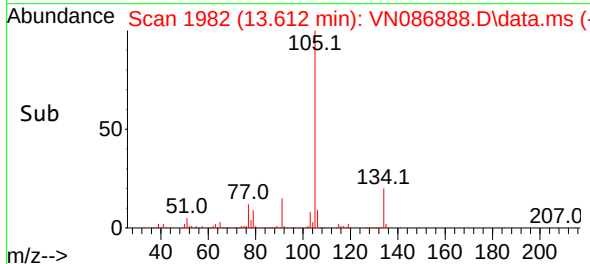
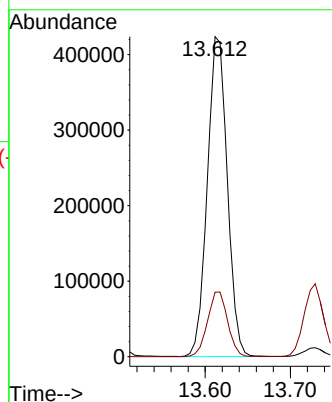
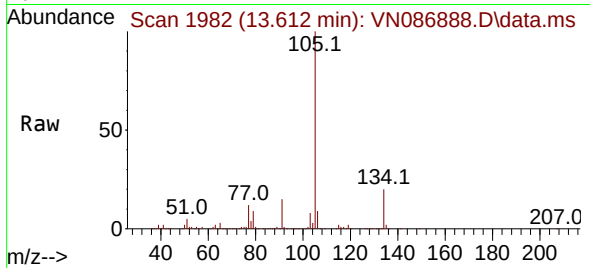
#85
 sec-Butylbenzene
 Concen: 48.470 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN086888.D
 Acq: 09 Jun 2025 08:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 691815
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.0 30.0

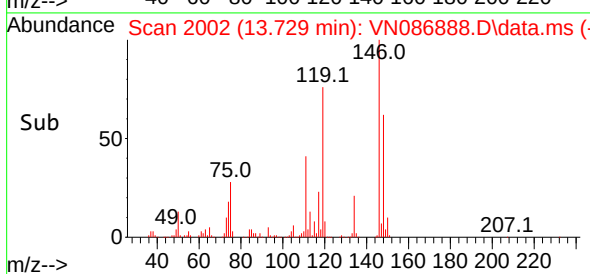
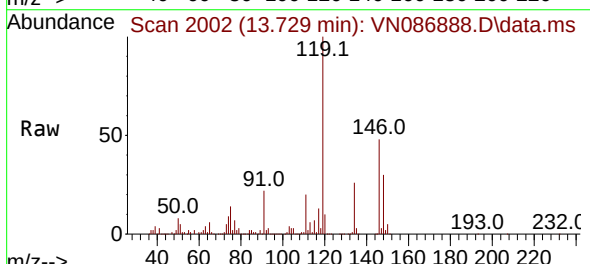
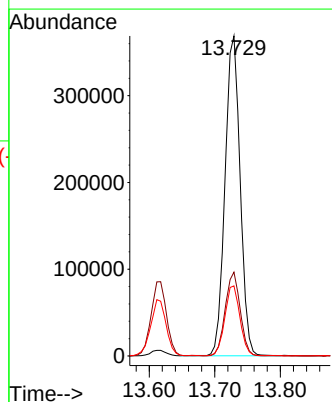
Manual Integrations
 APPROVED

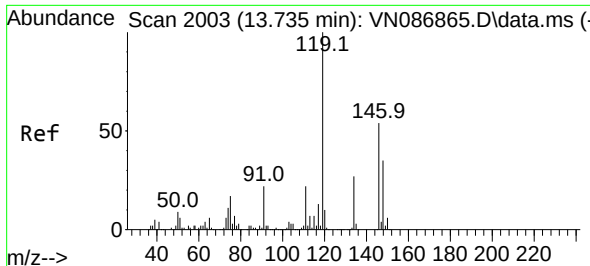
Reviewed By :John Carlone 06/10/2025
 Supervised By :Mahesh Dadoda 06/10/2025



#86
 p-Isopropyltoluene
 Concen: 49.859 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086888.D
 Acq: 09 Jun 2025 08:37

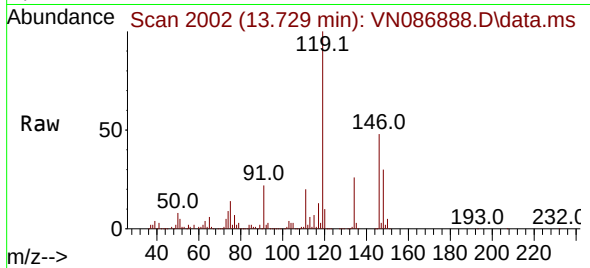
Tgt Ion:119 Resp: 588262
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.5 40.4
 91 22.1 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 52.181 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

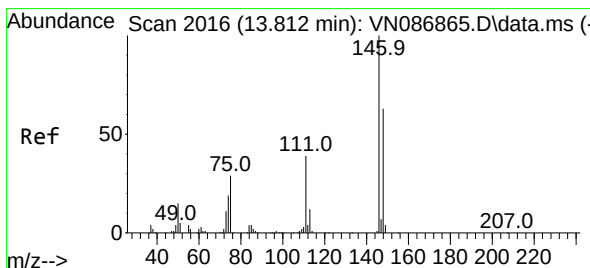
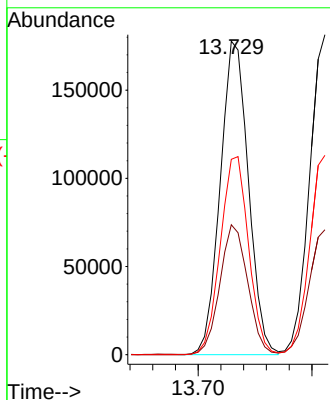
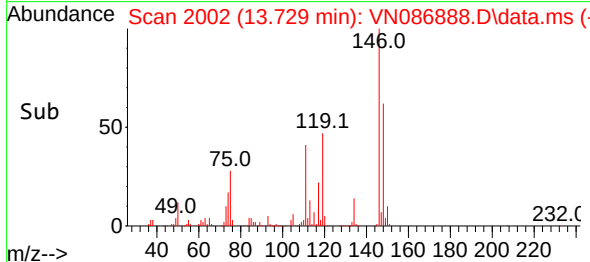
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



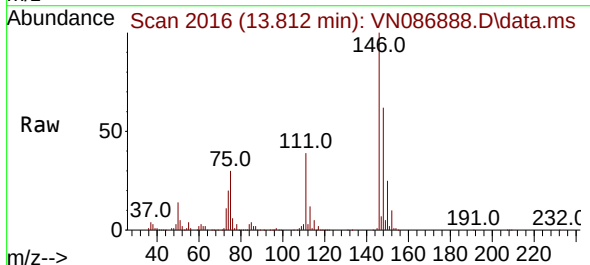
Tgt Ion:146 Resp: 30619
Ion Ratio Lower Upper
146 100
111 40.8 20.9 62.8
148 63.3 32.0 96.2

Manual Integrations
APPROVED

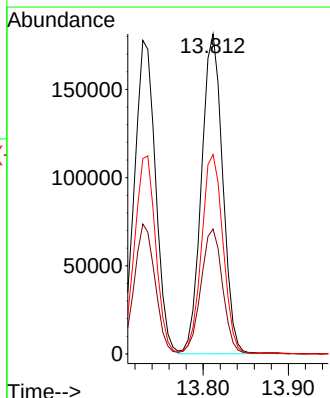
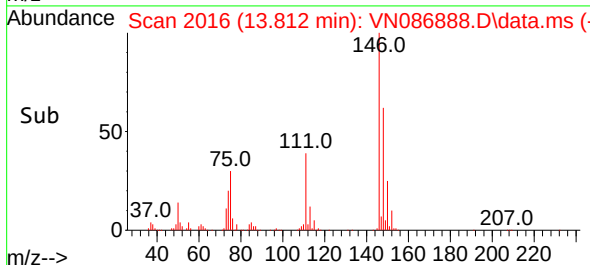
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

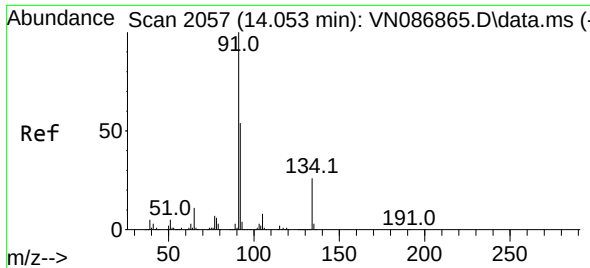


#88
1,4-Dichlorobenzene
Concen: 52.364 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37



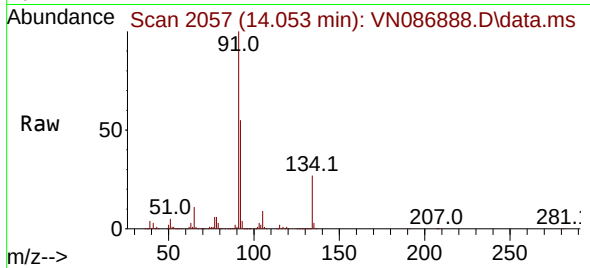
Tgt Ion:146 Resp: 313266
Ion Ratio Lower Upper
146 100
111 39.3 19.9 59.7
148 63.3 31.8 95.4





#89
n-Butylbenzene
Concen: 46.003 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

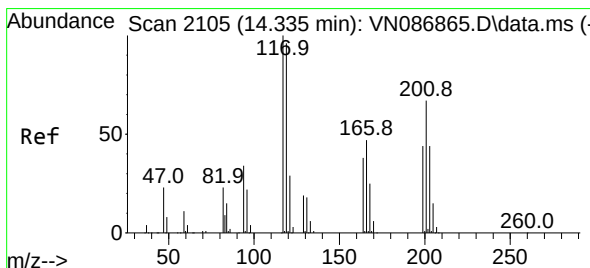
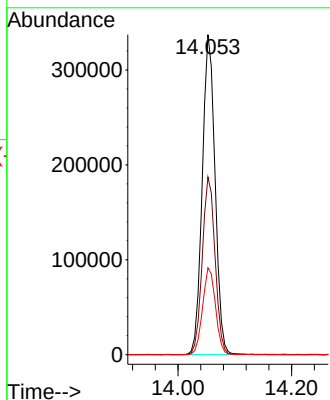
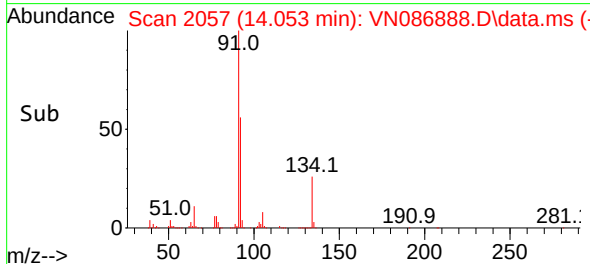
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 525720
Ion Ratio Lower Upper
91 100
92 55.7 27.5 82.4
134 27.4 13.0 39.0

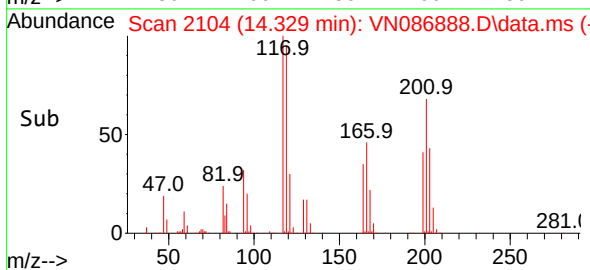
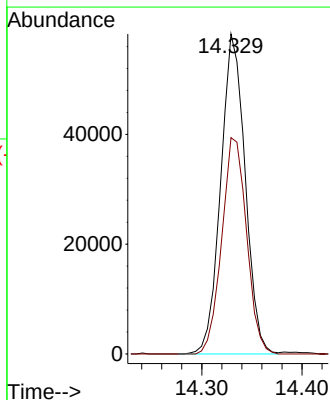
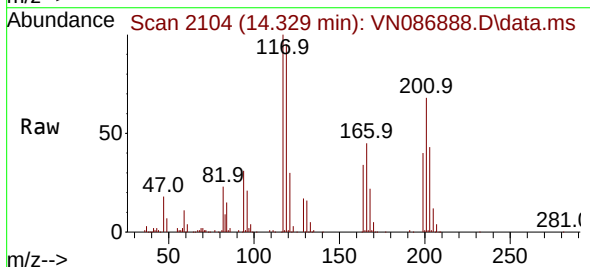
Manual Integrations
APPROVED

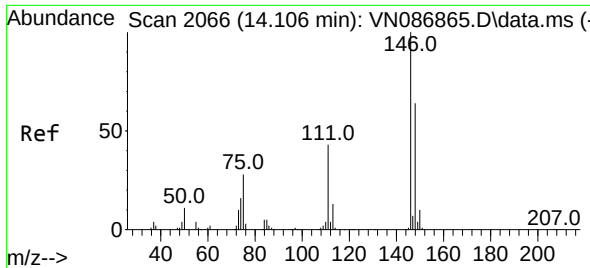
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#90
Hexachloroethane
Concen: 49.322 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

Tgt Ion:117 Resp: 98638
Ion Ratio Lower Upper
117 100
201 68.6 33.2 99.6





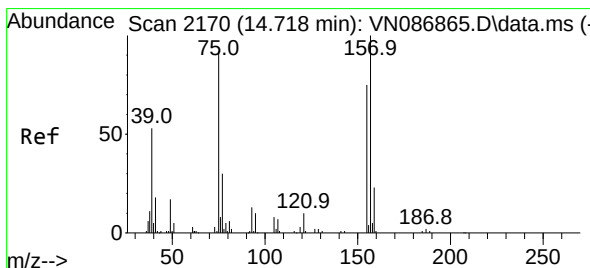
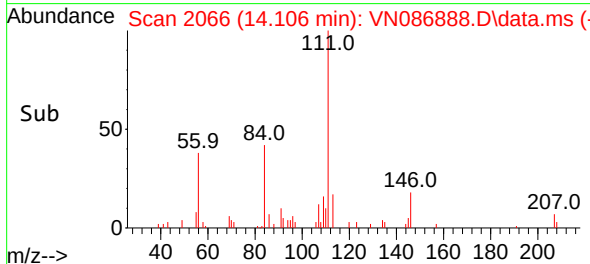
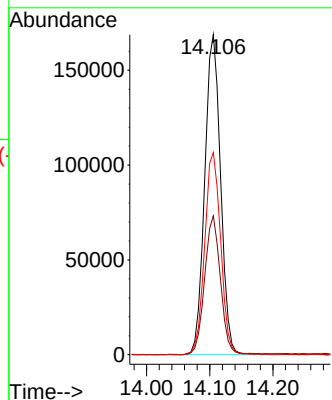
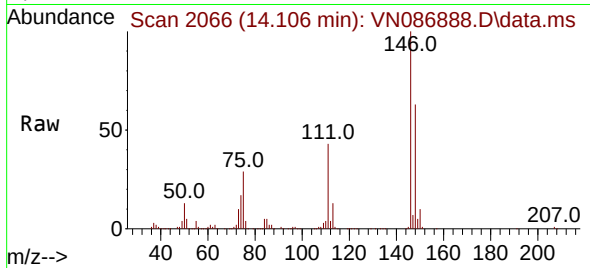
#91
1,2-Dichlorobenzene
Concen: 52.195 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 29425
Ion Ratio Lower Upper
146 100
111 43.2 21.6 64.6
148 63.6 31.7 95.1

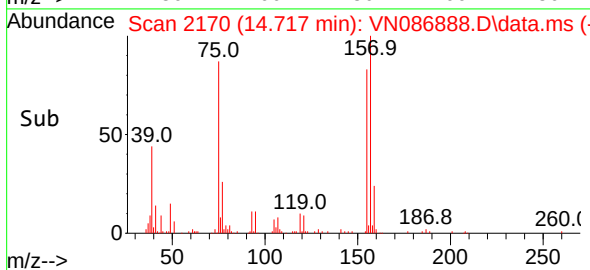
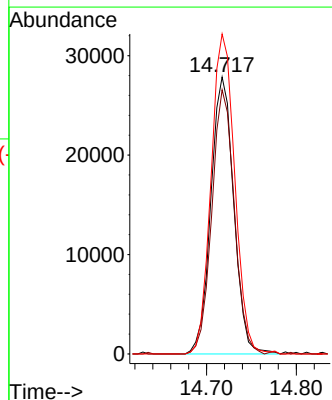
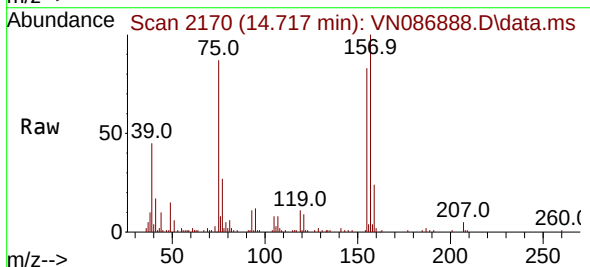
Manual Integrations
APPROVED

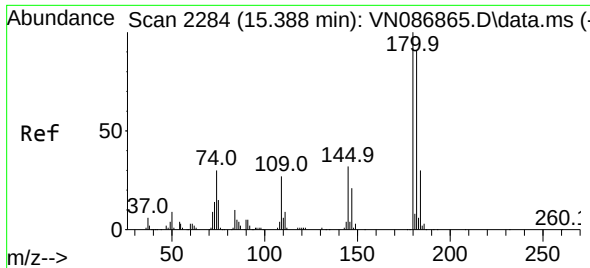
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.847 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

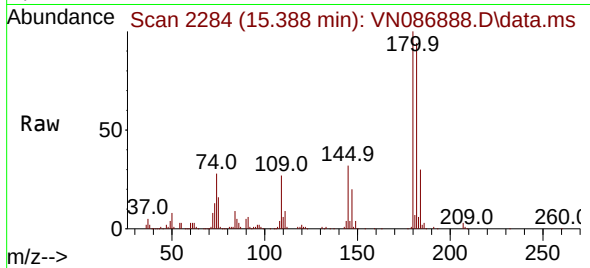
Tgt Ion: 75 Resp: 49360
Ion Ratio Lower Upper
75 100
155 93.3 41.1 123.4
157 119.3 52.7 158.1





#93
1,2,4-Trichlorobenzene
Concen: 48.814 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

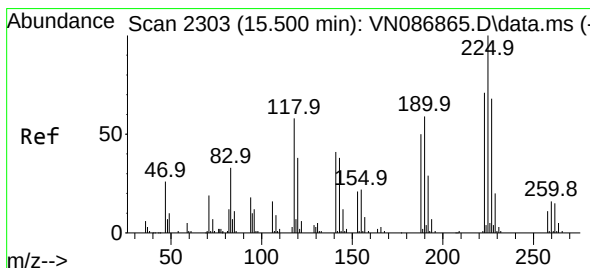
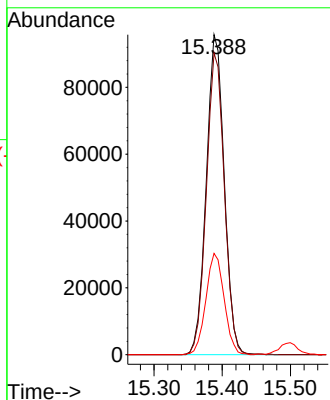
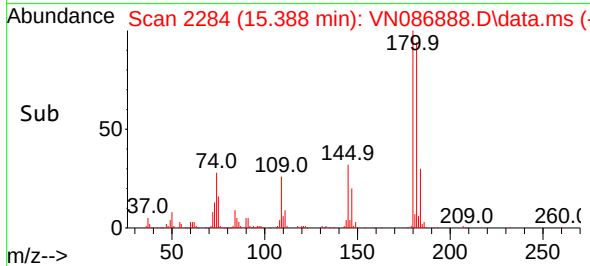
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



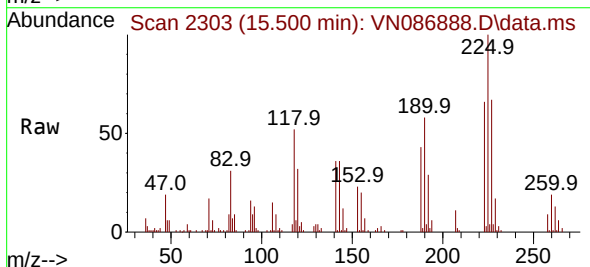
Tgt Ion:180 Resp: 175725
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.7
145 32.2 16.0 47.9

Manual Integrations
APPROVED

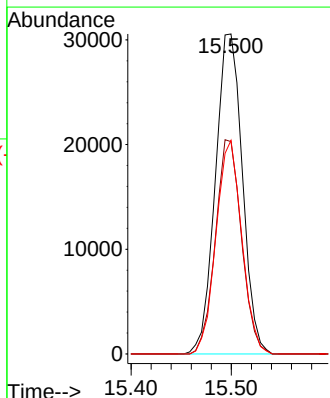
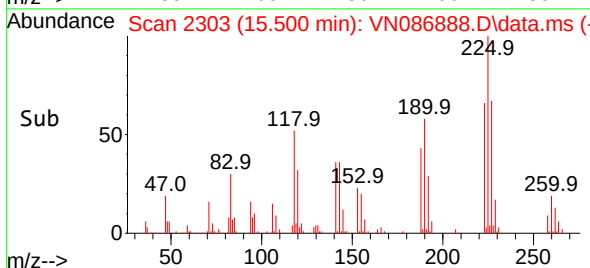
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

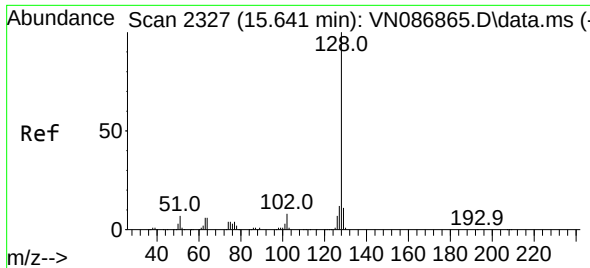


#94
Hexachlorobutadiene
Concen: 42.652 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37



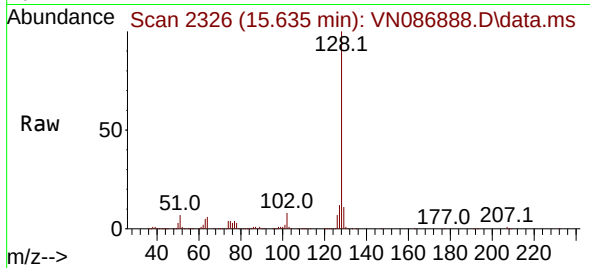
Tgt Ion:225 Resp: 57205
Ion Ratio Lower Upper
225 100
223 64.6 33.5 100.4
227 63.5 31.1 93.5





#95
Naphthalene
Concen: 49.854 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

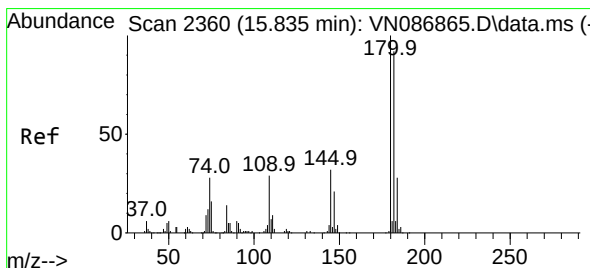
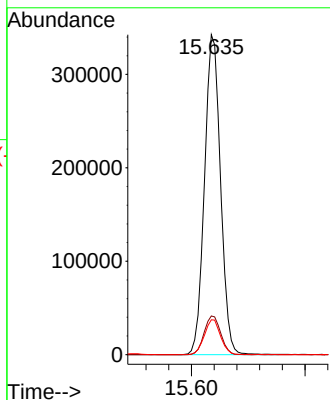
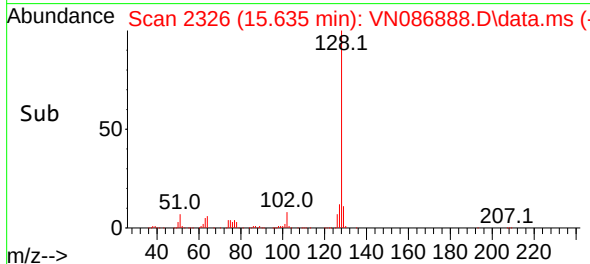
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 66802
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 46.816 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086888.D
Acq: 09 Jun 2025 08:37

Tgt Ion:180 Resp: 167447
Ion Ratio Lower Upper
180 100
182 94.0 47.0 141.0
145 33.8 16.6 49.8

