

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
 Data File : VN087160.D
 Acq On : 24 Jun 2025 16:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2025
 Supervised By : Mahesh Dadoda 06/25/2025

Quant Time: Jun 25 04:21:11 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	8.230	168	163777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	279531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	114915	52.406	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.820%			
35) Dibromofluoromethane	8.171	113	91896	55.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.940%			
50) Toluene-d8	10.565	98	317901	48.476	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.960%			
62) 4-Bromofluorobenzene	12.847	95	131281	53.882	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	86521	52.984	ug/l	100
3) Chloromethane	2.395	50	93005	44.106	ug/l	96
4) Vinyl Chloride	2.554	62	99884	45.919	ug/l	99
5) Bromomethane	2.983	94	52146	42.839	ug/l	97
6) Chloroethane	3.154	64	56231	40.020	ug/l	95
7) Trichlorofluoromethane	3.524	101	128580	45.243	ug/l	97
8) Diethyl Ether	3.983	74	66715	53.879	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.395	101	99651	55.810	ug/l	99
10) Methyl Iodide	4.612	142	86859	37.526	ug/l	100
11) Tert butyl alcohol	5.542	59	156668	263.311	ug/l	99
12) 1,1-Dichloroethene	4.365	96	98295	53.923	ug/l	96
13) Acrolein	4.200	56	45357	240.830	ug/l	96
14) Allyl chloride	5.053	41	165749	54.827	ug/l	96
15) Acrylonitrile	5.736	53	394564	283.714	ug/l	99
16) Acetone	4.448	43	322792	277.586	ug/l	93
17) Carbon Disulfide	4.736	76	266984	52.949	ug/l	98
18) Methyl Acetate	5.047	43	186119	54.923	ug/l	98
19) Methyl tert-butyl Ether	5.818	73	377094	57.133	ug/l	99
20) Methylene Chloride	5.300	84	117323	53.890	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	109083	53.785	ug/l	100
22) Diisopropyl ether	6.689	45	378748	59.434	ug/l	98
23) Vinyl Acetate	6.618	43	1623754	301.582	ug/l	99
24) 1,1-Dichloroethane	6.589	63	206183	56.222	ug/l	100
25) 2-Butanone	7.494	43	544957	288.309	ug/l	97
26) 2,2-Dichloropropane	7.500	77	166924	58.515	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	135343	55.800	ug/l	97
28) Bromochloromethane	7.824	49	88120	48.871	ug/l	98
29) Tetrahydrofuran	7.847	42	353270	286.903	ug/l	97
30) Chloroform	7.971	83	208664	56.976	ug/l	97
31) Cyclohexane	8.265	56	182078	51.196	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	174874	56.141	ug/l	97
36) 1,1-Dichloropropene	8.377	75	148731	60.253	ug/l	99
37) Ethyl Acetate	7.571	43	193860	61.693	ug/l	99
38) Carbon Tetrachloride	8.365	117	143526	59.224	ug/l	98
39) Methylcyclohexane	9.606	83	159096	47.044	ug/l	99
40) Benzene	8.612	78	477234	59.123	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	107186	60.737	ug/l	98
42) 1,2-Dichloroethane	8.677	62	153929	62.872	ug/l	98
43) Isopropyl Acetate	8.694	43	307565	60.983	ug/l	98
44) Trichloroethene	9.353	130	101941	53.261	ug/l	99
45) 1,2-Dichloropropane	9.624	63	112387	57.230	ug/l	100
46) Dibromomethane	9.712	93	76182	58.405	ug/l	98
47) Bromodichloromethane	9.888	83	158909	59.212	ug/l	99
48) Methyl methacrylate	9.682	41	135240	58.260	ug/l	92
49) 1,4-Dioxane	9.700	88	41672	986.783	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	972166	320.190	ug/l	97
52) Toluene	10.629	92	282682	57.305	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	179280	59.742	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	190332	59.276	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	111784	58.892	ug/l	95
56) Ethyl methacrylate	10.882	69	185275	61.283	ug/l	94
57) 1,3-Dichloropropane	11.165	76	200055	60.757	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	490454	271.989	ug/l	99
59) 2-Hexanone	11.200	43	647125	330.887	ug/l	99
60) Dibromochloromethane	11.359	129	123712	62.556	ug/l	99
61) 1,2-Dibromoethane	11.471	107	119698	61.524	ug/l	98
64) Tetrachloroethene	11.106	164	87585	50.709	ug/l	95
65) Chlorobenzene	11.894	112	323141	53.684	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	108201	55.920	ug/l	98
67) Ethyl Benzene	11.965	91	560344	54.044	ug/l	98
68) m/p-Xylenes	12.071	106	424782	107.026	ug/l	97
69) o-Xylene	12.400	106	205497	54.061	ug/l	99
70) Styrene	12.412	104	355944	54.722	ug/l	99
71) Bromoform	12.576	173	82611	57.622	ug/l #	100
73) Isopropylbenzene	12.694	105	520259	51.462	ug/l	99
74) N-amyl acetate	12.518	43	174307	49.341	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	184787	53.954	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	158107m	47.931	ug/l	
77) Bromobenzene	12.976	156	122815	52.973	ug/l	98
78) n-propylbenzene	13.035	91	636780	51.831	ug/l	98
79) 2-Chlorotoluene	13.123	91	381251	51.745	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	429000	51.398	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	69324	48.378	ug/l	96
82) 4-Chlorotoluene	13.218	91	394024	52.853	ug/l	100
83) tert-Butylbenzene	13.435	119	364892	47.759	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	433263	51.766	ug/l	100
85) sec-Butylbenzene	13.612	105	529208	47.696	ug/l	100
86) p-Isopropyltoluene	13.729	119	441344	48.120	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	240638	52.754	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	245113	52.706	ug/l	100
89) n-Butylbenzene	14.053	91	405290	45.621	ug/l	99
90) Hexachloroethane	14.329	117	80197	51.585	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	231459	52.815	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	43251	52.805	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	132105	47.206	ug/l	98
94) Hexachlorobutadiene	15.500	225	38464	36.892	ug/l	98
95) Naphthalene	15.635	128	526277	50.524	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	128834	46.336	ug/l	99

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

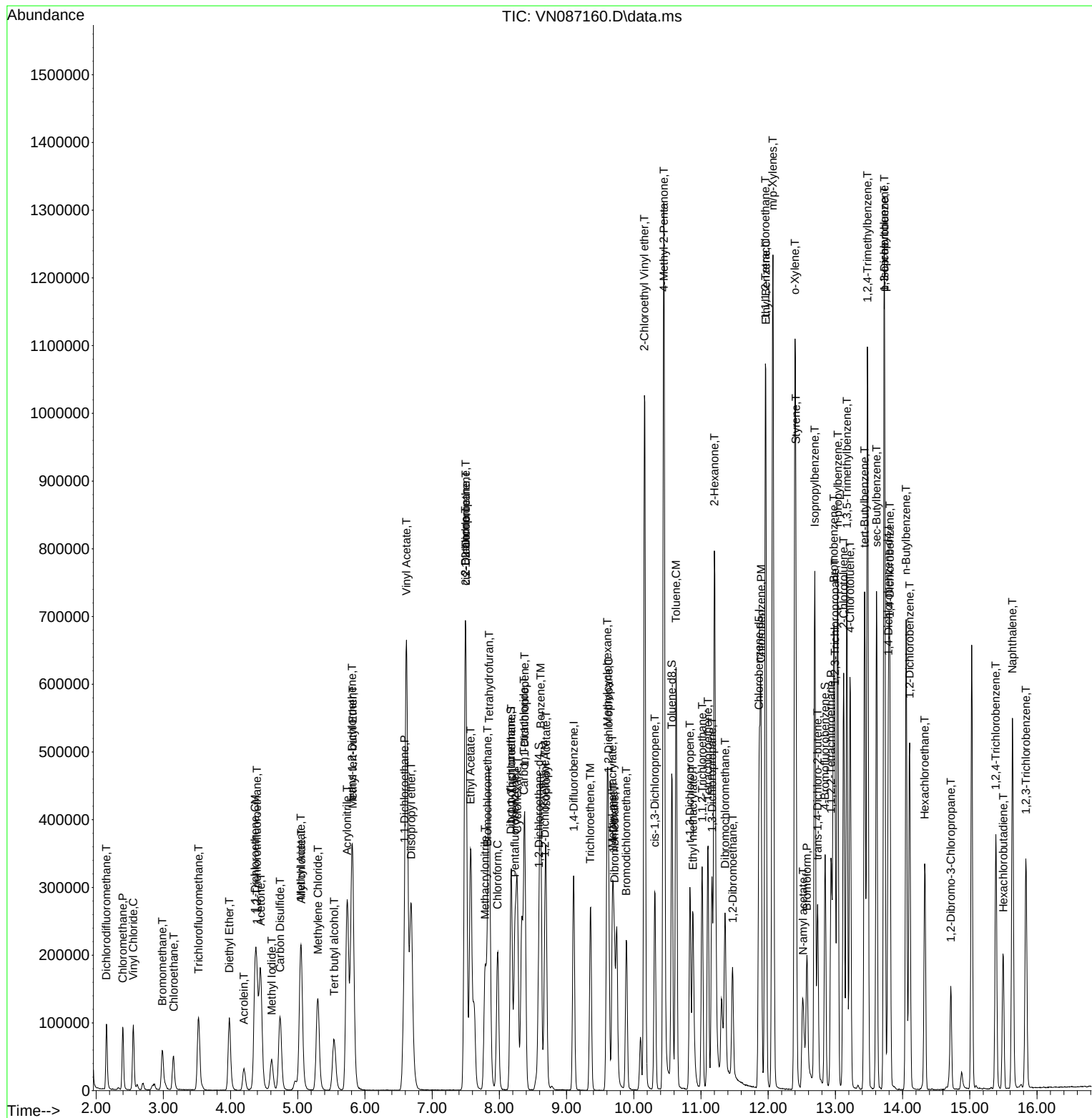
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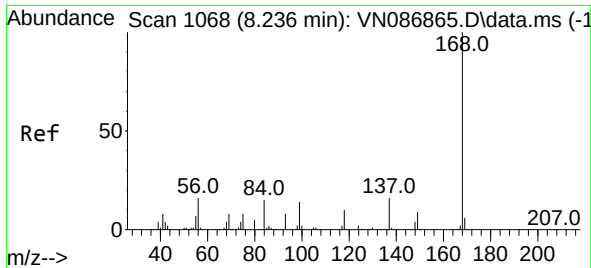
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Instrument :

MSVOA_N

ClientSampleId :

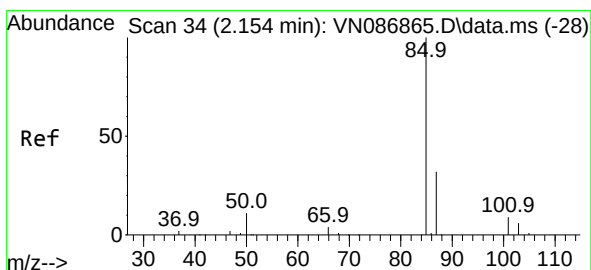
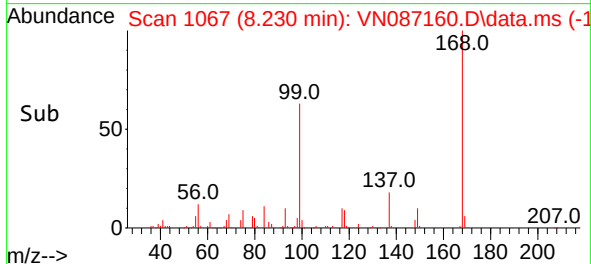
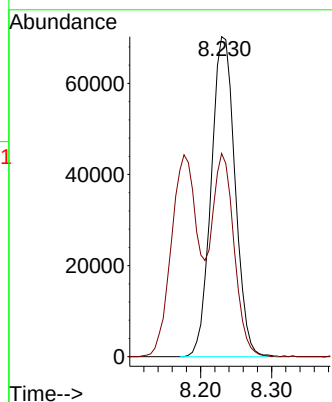
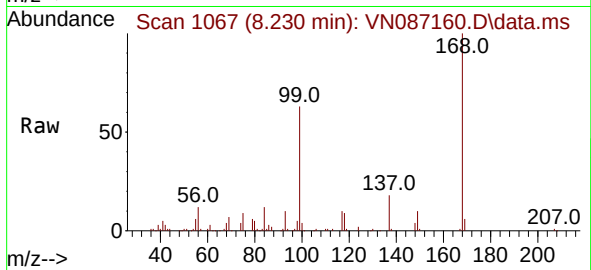
VSTDCCC050EC

Tgt Ion:168 Resp: 16377
Ion Ratio Lower Upper
168 100
99 63.5 49.1 73.7

Manual Integrations

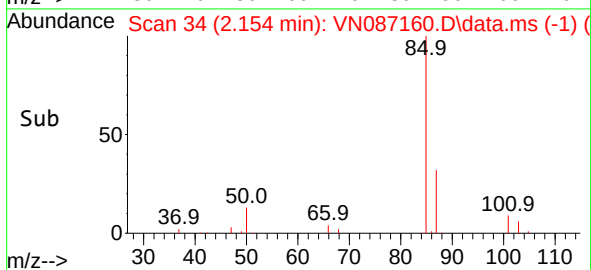
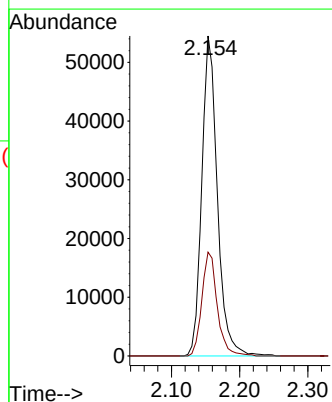
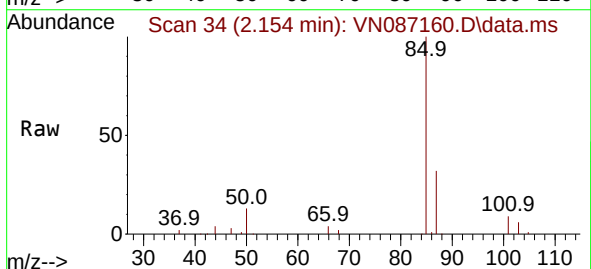
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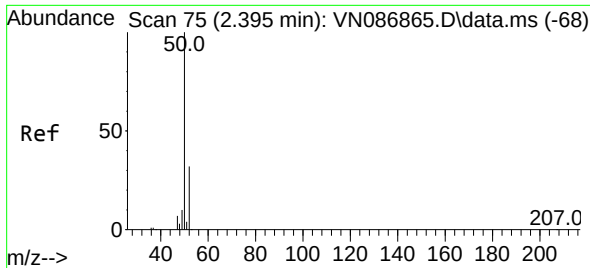
Reviewed By :John Carlone 06/25/2025
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#2
Dichlorodifluoromethane
Concen: 52.984 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

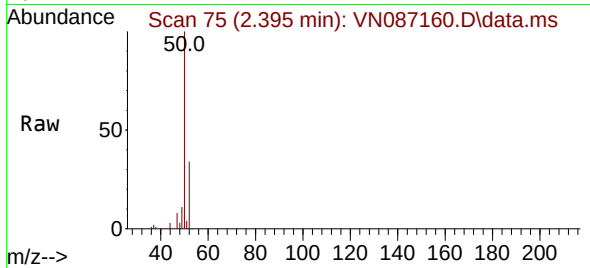
Tgt Ion: 85 Resp: 86521
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





#3
Chloromethane
Concen: 44.106 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

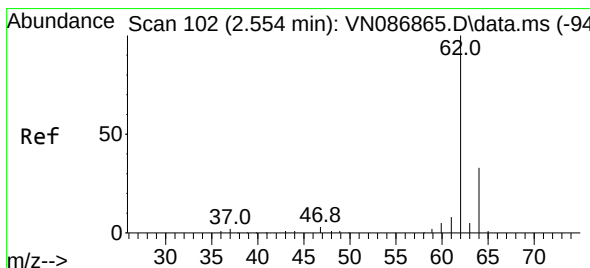
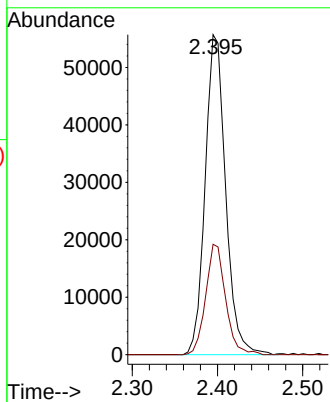
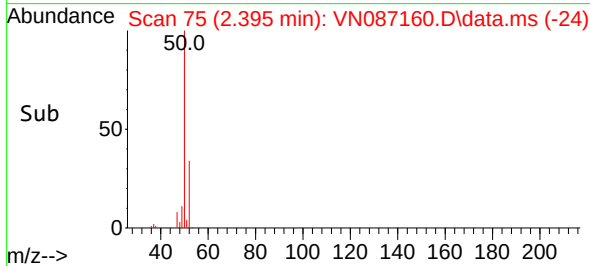
Instrument :
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Tgt Ion: 50 Resp: 9300
Ion Ratio Lower Upper
50 100
52 34.5 25.7 38.5

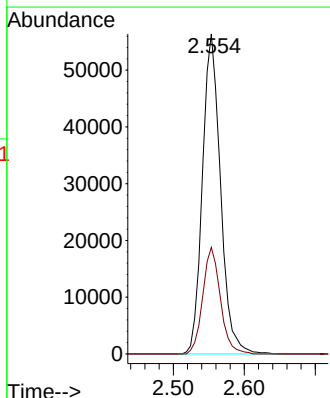
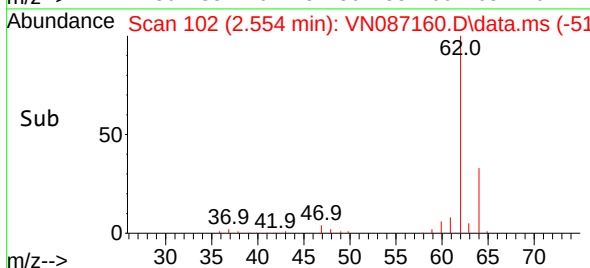
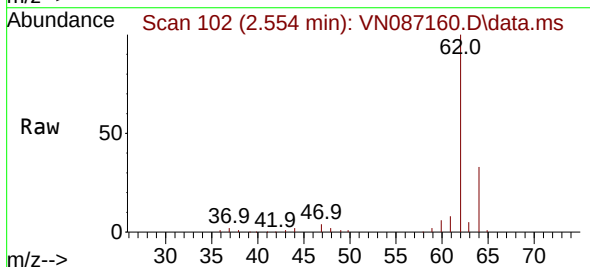
Manual Integrations
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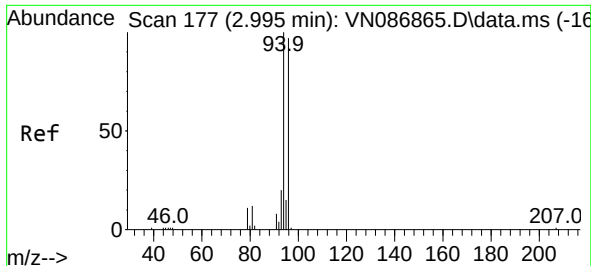
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#4
Vinyl Chloride
Concen: 45.919 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

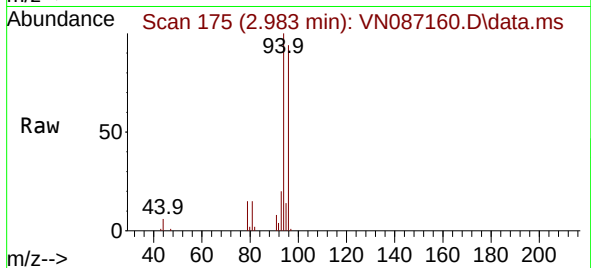
Tgt Ion: 62 Resp: 99884
Ion Ratio Lower Upper
62 100
64 33.3 26.0 39.0





#5
Bromomethane
Concen: 42.839 ug/l
RT: 2.983 min Scan# 175
Delta R.T. -0.012 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

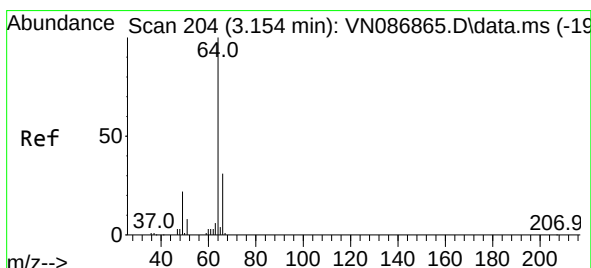
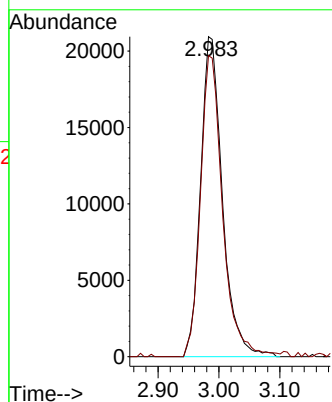
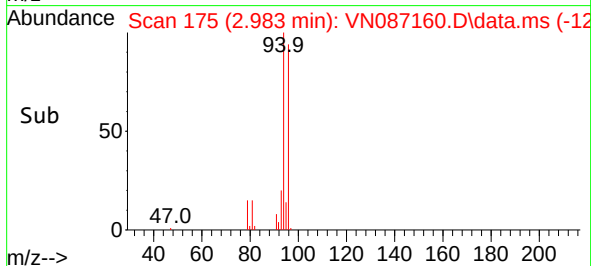
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Tgt Ion: 94 Resp: 52140
Ion Ratio Lower Upper
94 100
96 94.0 77.9 116.9

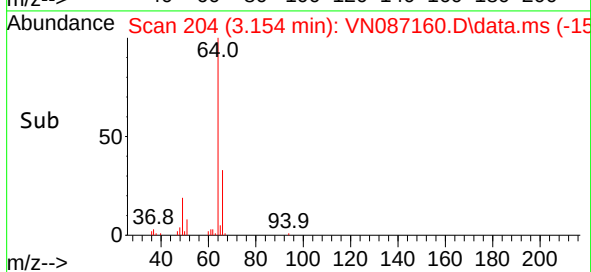
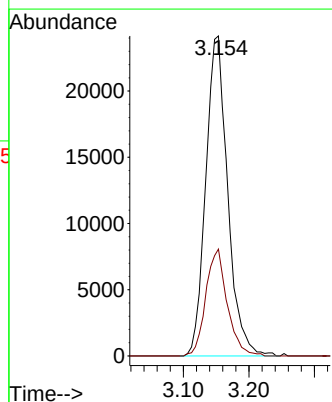
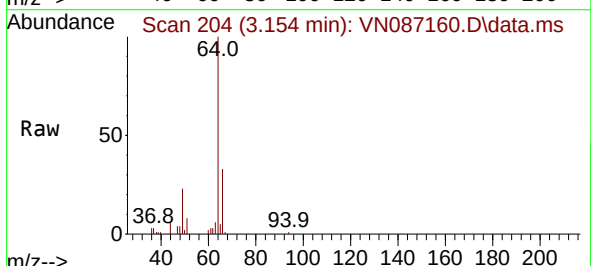
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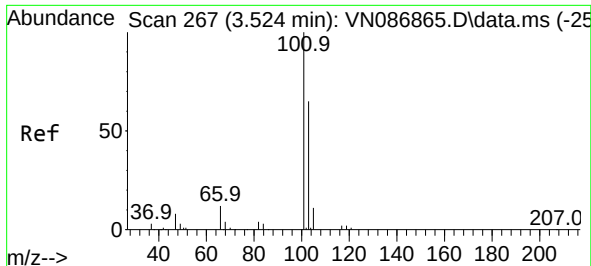
Reviewed By :John Carlone 06/25/2025
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#6
Chloroethane
Concen: 40.020 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

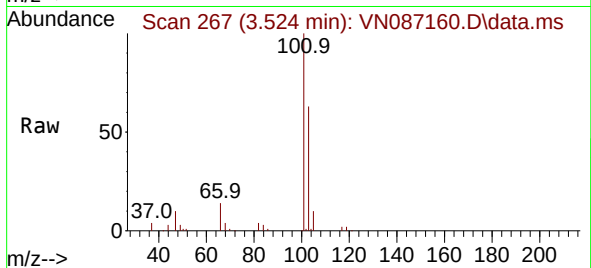
Tgt Ion: 64 Resp: 56231
Ion Ratio Lower Upper
64 100
66 33.4 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 45.243 ug/l
 RT: 3.524 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087160.D
 Acq: 24 Jun 2025 16:32

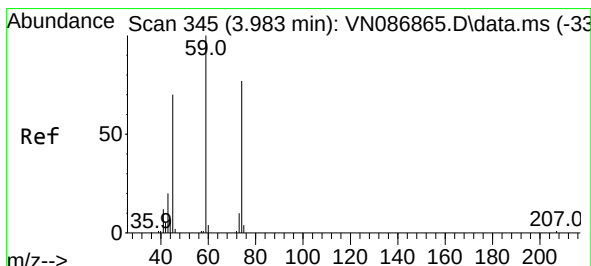
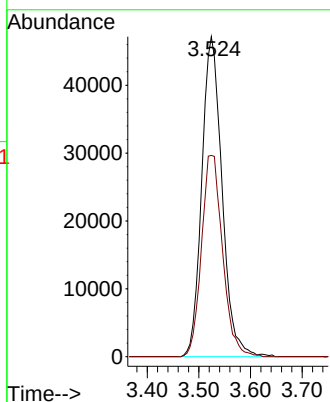
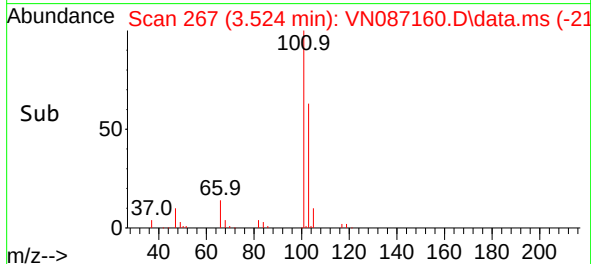
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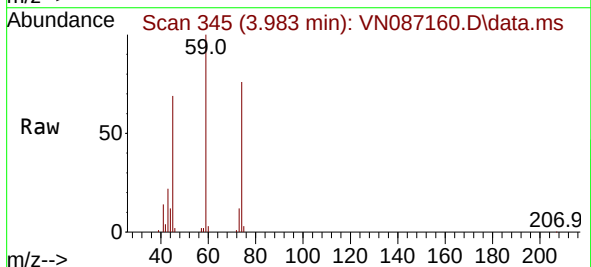
Tgt Ion:101 Resp: 128580
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.2 78.2

Manual Integrations
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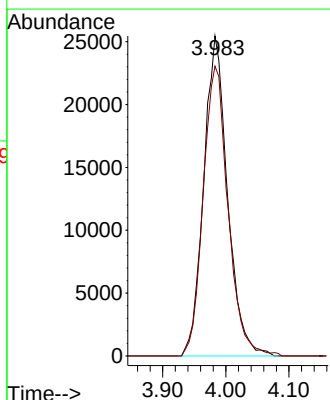
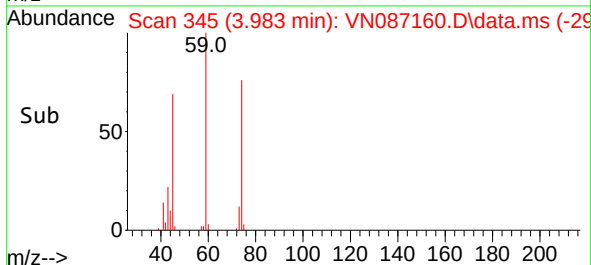
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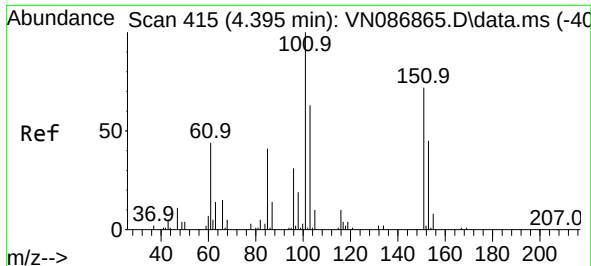


#8
 Diethyl Ether
 Concen: 53.879 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087160.D
 Acq: 24 Jun 2025 16:32



Tgt Ion: 74 Resp: 66715
 Ion Ratio Lower Upper
 74 100
 45 94.6 45.5 136.5





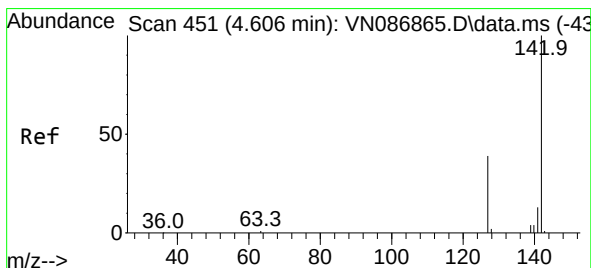
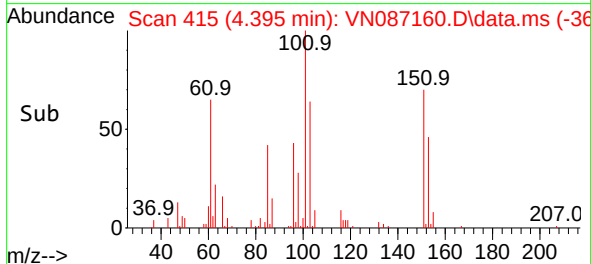
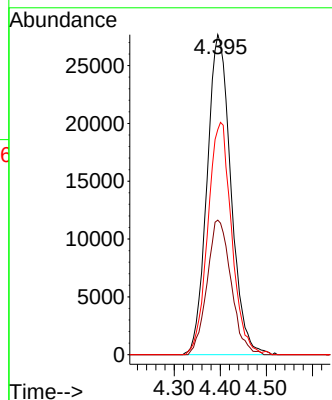
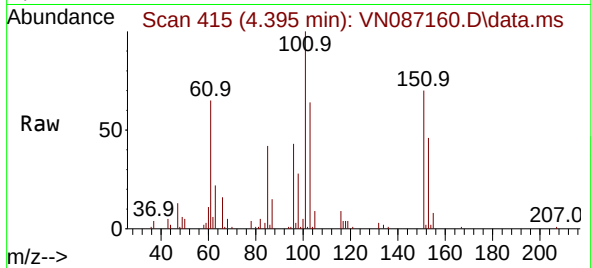
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.810 ug/l
RT: 4.395 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9965
Ion Ratio Lower Upper
101 100
85 42.3 33.8 50.8
151 72.4 58.7 88.1

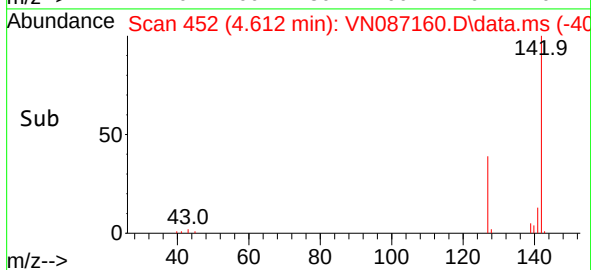
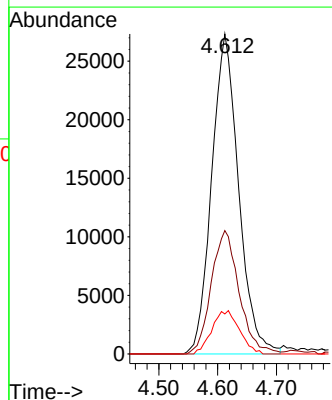
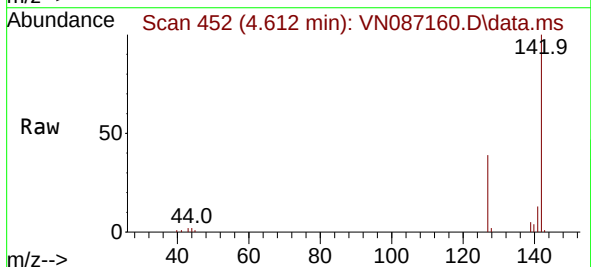
Manual Integrations
APPROVED

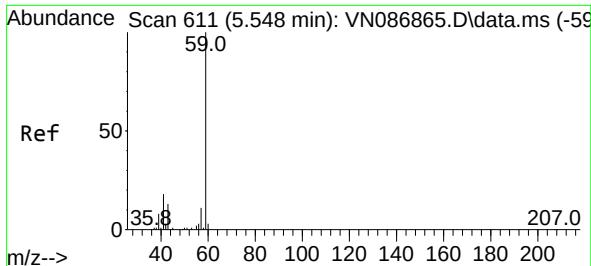
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#10
Methyl Iodide
Concen: 37.526 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

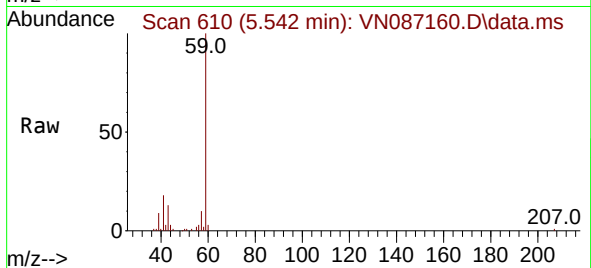
Tgt Ion:142 Resp: 86859
Ion Ratio Lower Upper
142 100
127 38.6 30.9 46.3
141 12.5 10.4 15.6





#11
Tert butyl alcohol
Concen: 263.311 ug/l
RT: 5.542 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

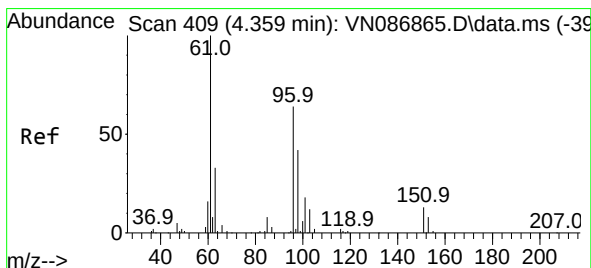
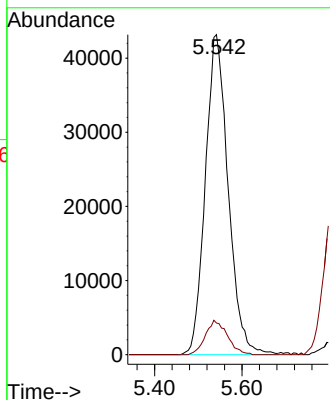
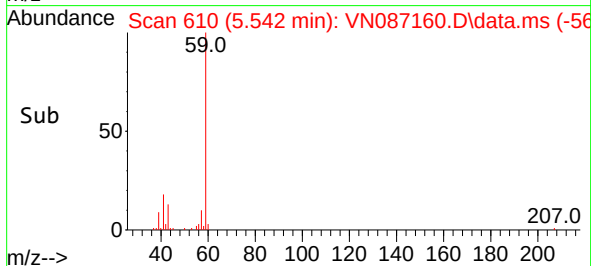
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 15666
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

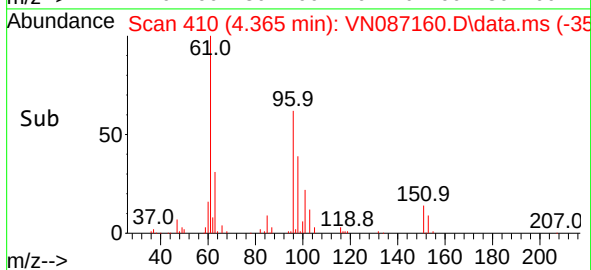
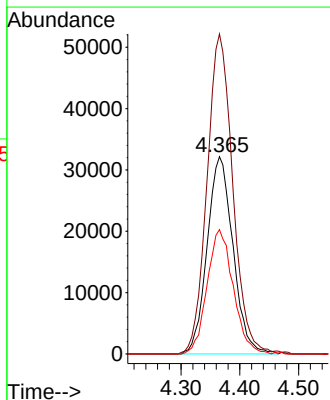
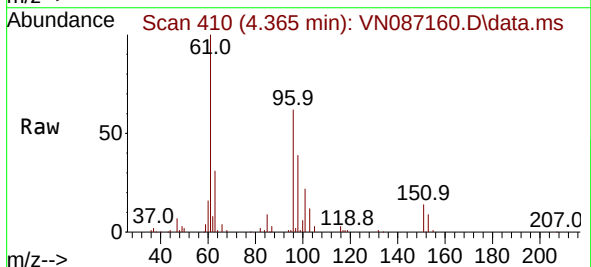
Manual Integrations
APPROVED

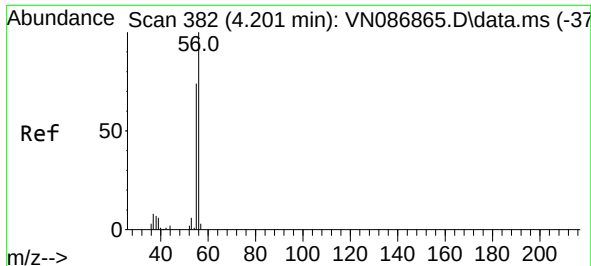
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#12
1,1-Dichloroethene
Concen: 53.923 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

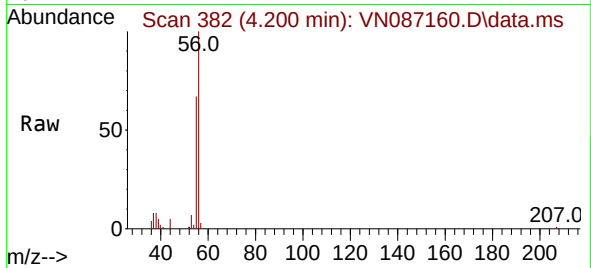
Tgt Ion: 96 Resp: 98295
Ion Ratio Lower Upper
96 100
61 162.2 125.8 188.6
98 63.0 52.5 78.7





#13
Acrolein
Concen: 240.830 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

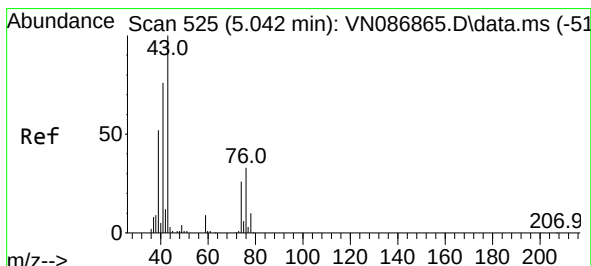
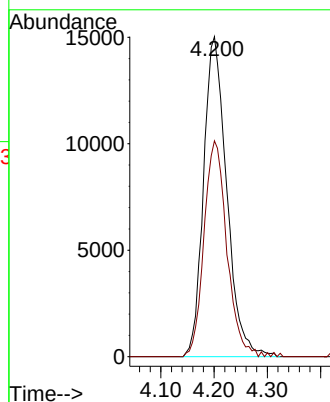
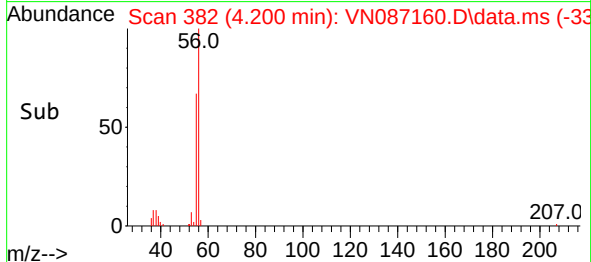
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 4535
Ion Ratio Lower Upper
56 100
55 66.5 55.6 83.4

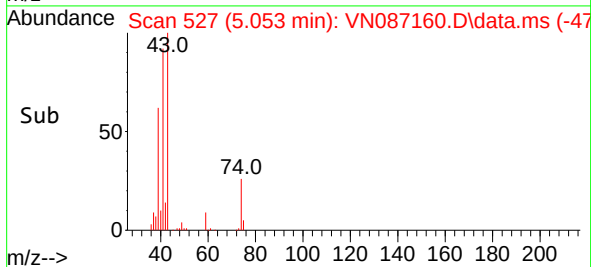
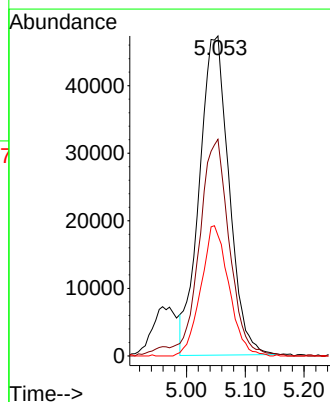
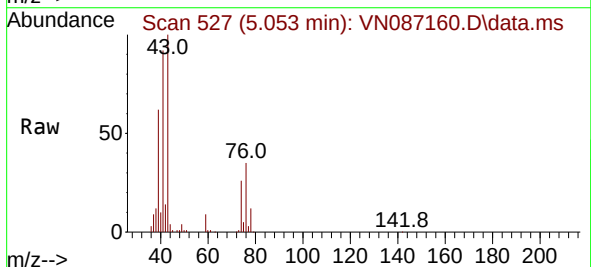
Manual Integrations
APPROVED

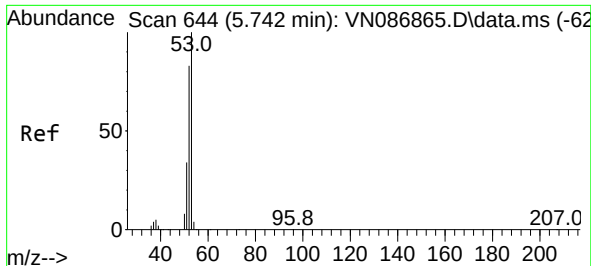
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#14
Allyl chloride
Concen: 54.827 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.012 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

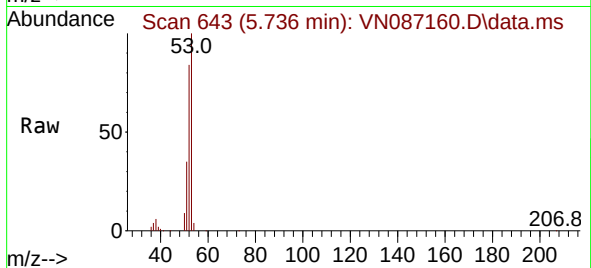
Tgt Ion: 41 Resp: 165749
Ion Ratio Lower Upper
41 100
39 68.3 51.3 76.9
76 38.4 31.4 47.0





#15
Acrylonitrile
Concen: 283.714 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

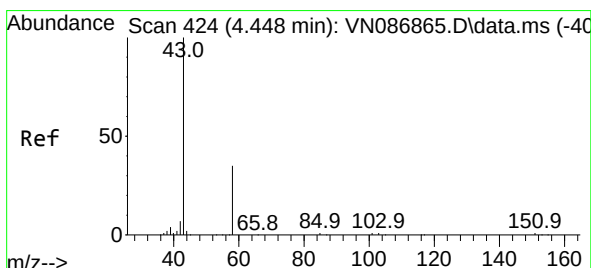
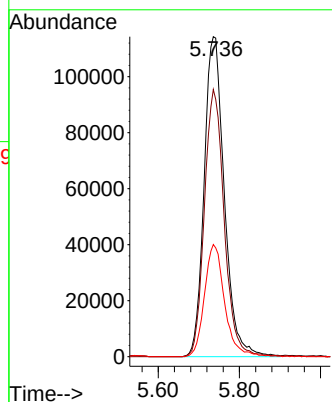
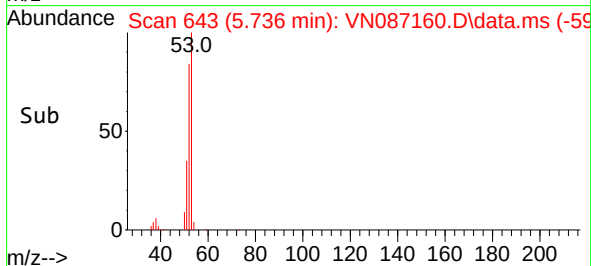
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 394564
Ion Ratio Lower Upper
53 100
52 81.9 65.0 97.6
51 35.0 27.2 40.8

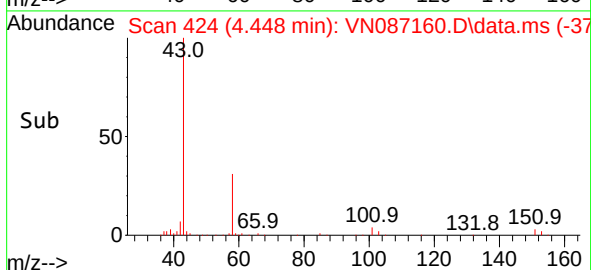
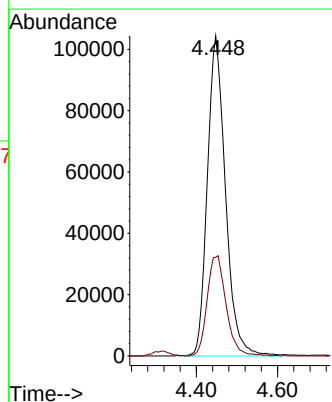
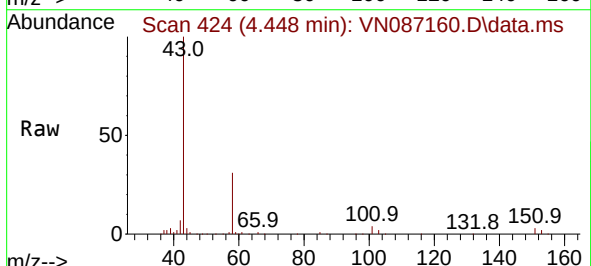
Manual Integrations
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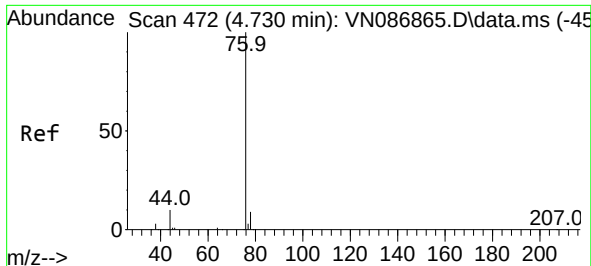
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#16
Acetone
Concen: 277.586 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Tgt Ion: 43 Resp: 322792
Ion Ratio Lower Upper
43 100
58 30.8 28.0 42.0





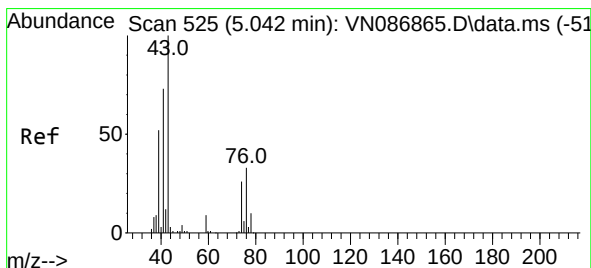
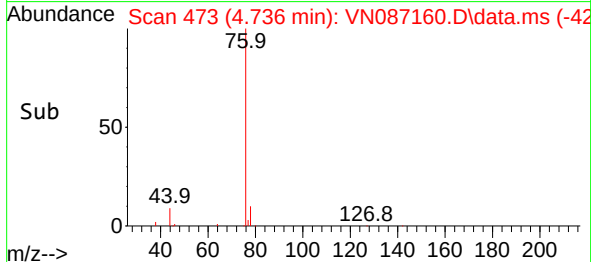
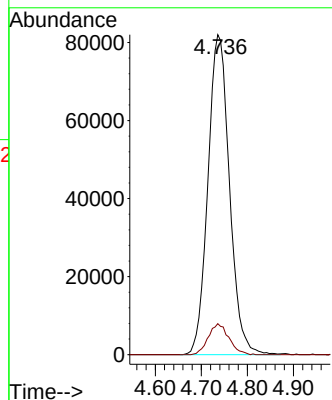
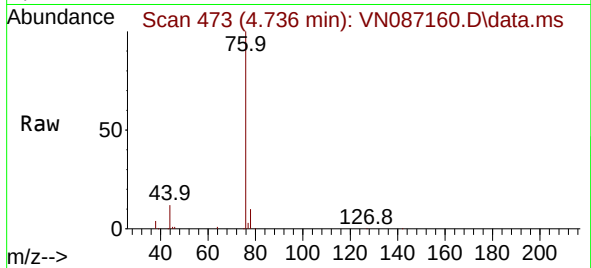
#17
Carbon Disulfide
Concen: 52.949 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 266984
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

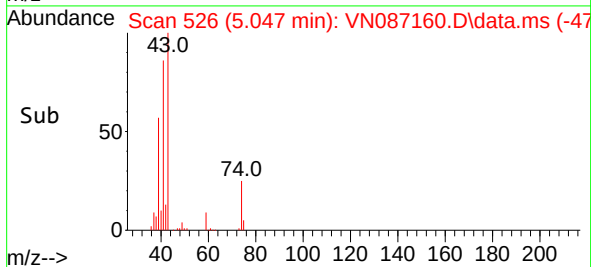
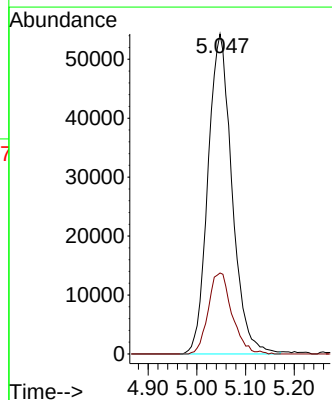
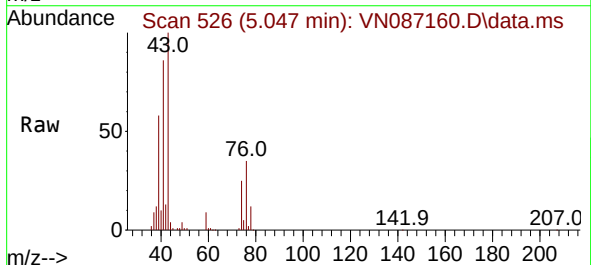
Manual Integrations
APPROVED

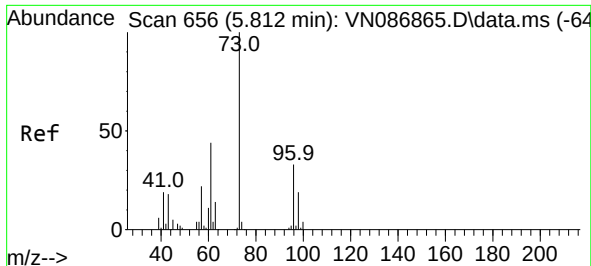
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#18
Methyl Acetate
Concen: 54.923 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Tgt Ion: 43 Resp: 186119
Ion Ratio Lower Upper
43 100
74 25.1 20.7 31.1





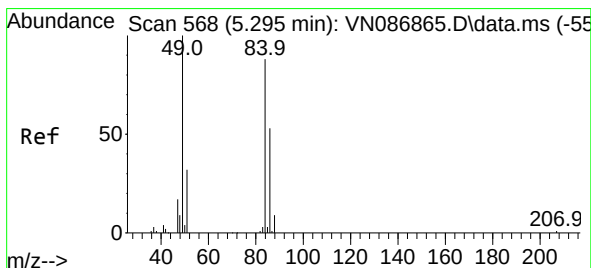
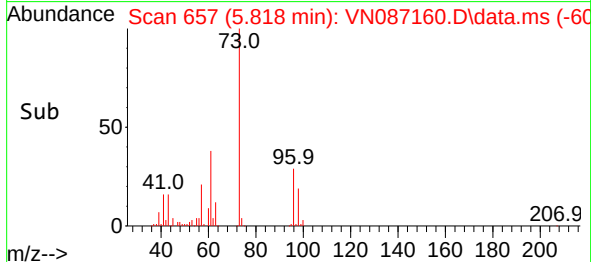
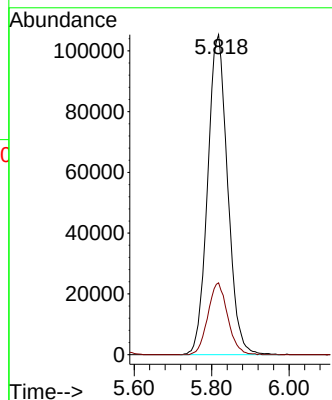
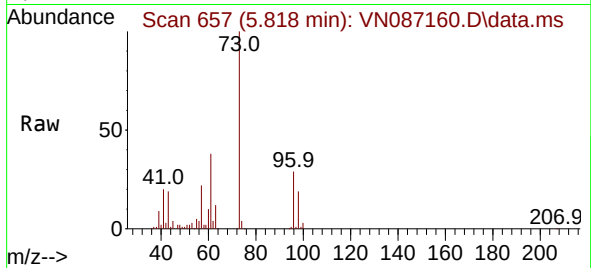
#19
Methyl tert-butyl Ether
Concen: 57.133 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDC050EC

Tgt Ion: 73 Resp: 377094
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.2

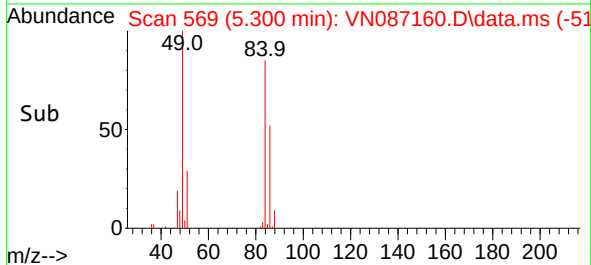
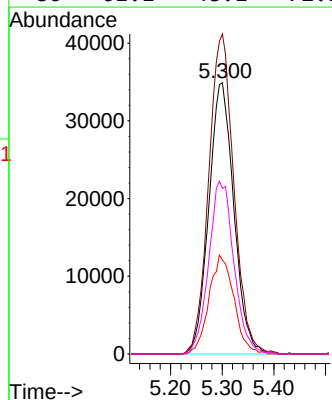
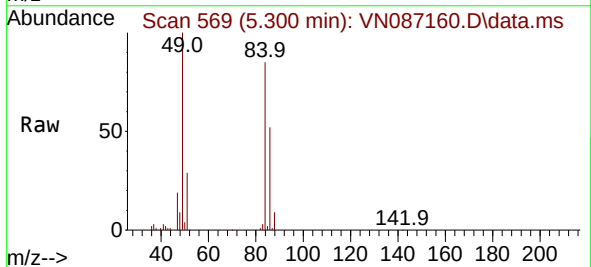
Manual Integrations
APPROVED

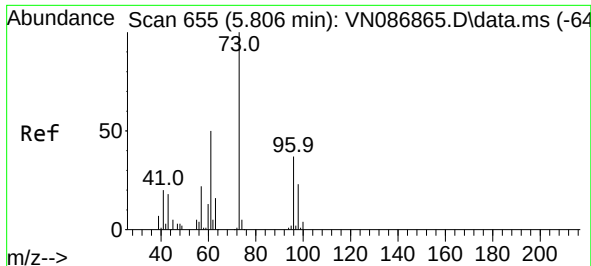
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#20
Methylene Chloride
Concen: 53.890 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Tgt Ion: 84 Resp: 117323
Ion Ratio Lower Upper
84 100
49 118.0 90.5 135.7
51 34.6 28.5 42.7
86 61.1 48.1 72.1





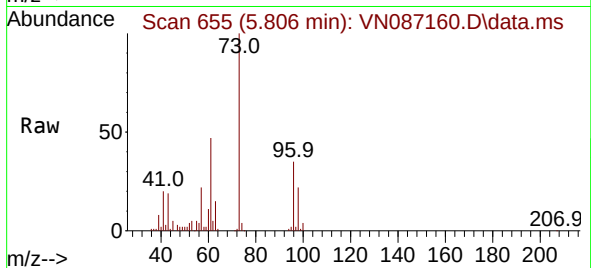
#21
trans-1,2-Dichloroethene
Concen: 53.785 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



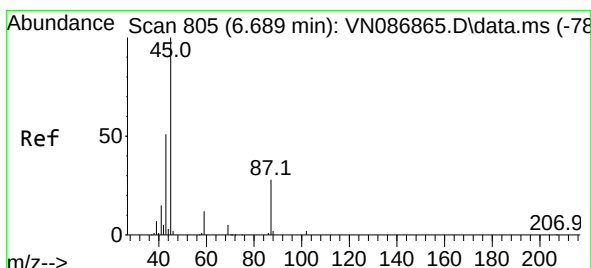
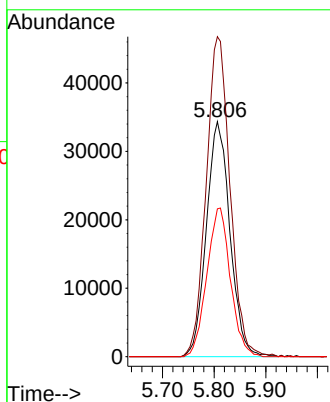
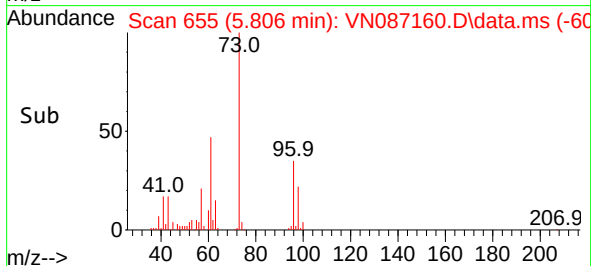
Tgt Ion: 96 Resp: 10908
Ion Ratio Lower Upper
96 100
61 136.2 109.2 163.8
98 62.9 49.8 74.8

Manual Integrations

APPROVED

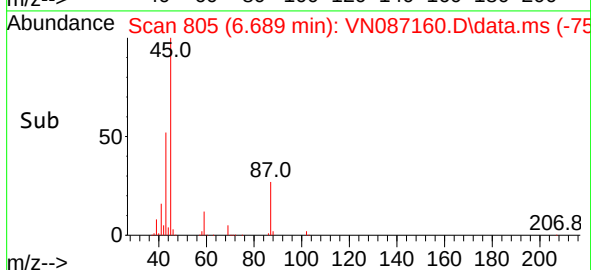
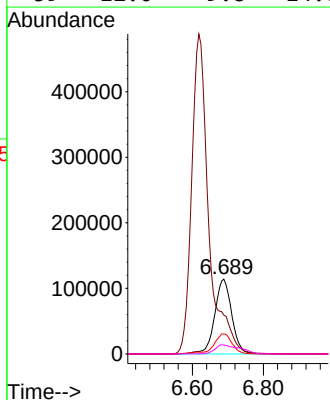
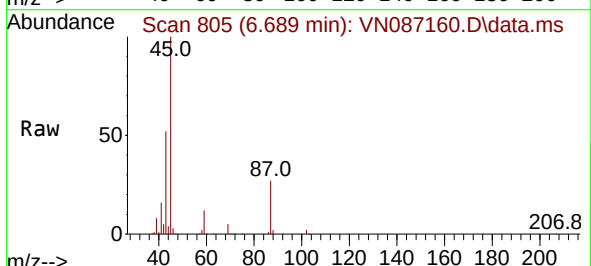
Reviewed By :John Carlone 06/25/2025

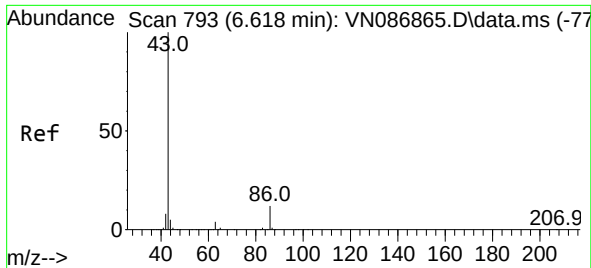
Supervised By :Mahesh Dadoda 06/25/2025



#22
Diisopropyl ether
Concen: 59.434 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

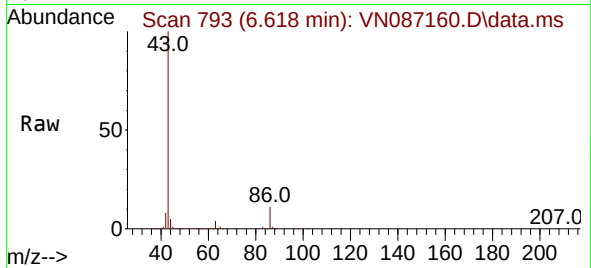
Tgt Ion: 45 Resp: 378748
Ion Ratio Lower Upper
45 100
43 51.4 41.9 62.9
87 26.7 22.4 33.6
59 12.0 9.8 14.6





#23
 Vinyl Acetate
 Concen: 301.582 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087160.D
 Acq: 24 Jun 2025 16:32

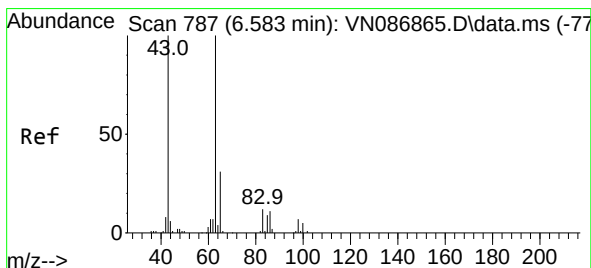
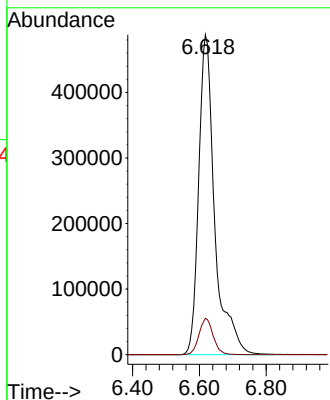
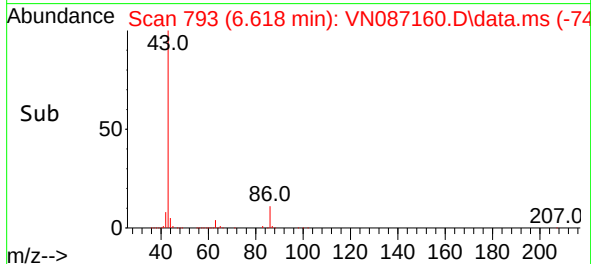
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1623754
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.5 14.3

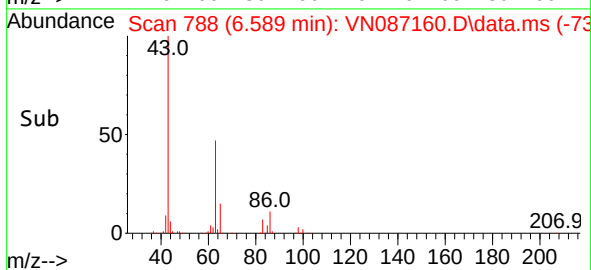
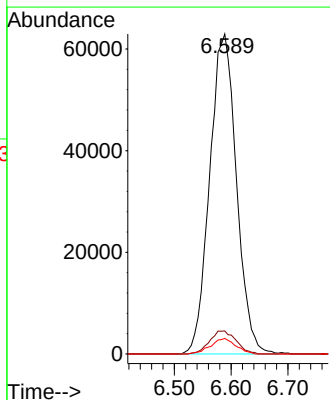
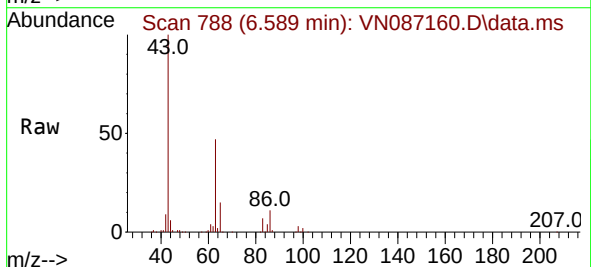
Manual Integrations
 APPROVED

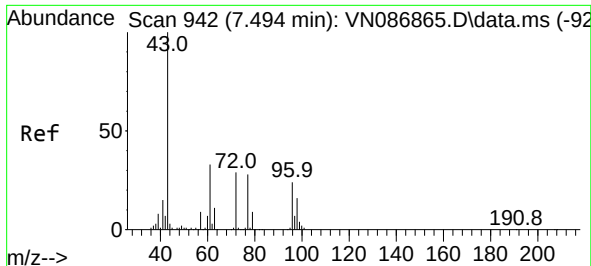
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/25/2025



#24
 1,1-Dichloroethane
 Concen: 56.222 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087160.D
 Acq: 24 Jun 2025 16:32

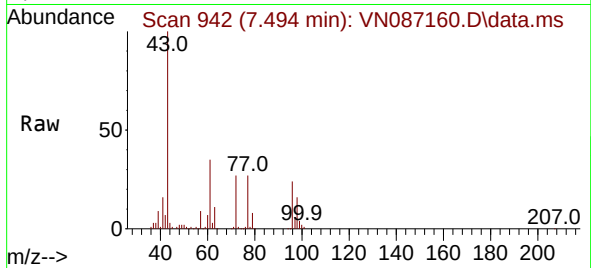
Tgt Ion: 63 Resp: 206183
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.8 2.6 7.8





#25
2-Butanone
Concen: 288.309 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

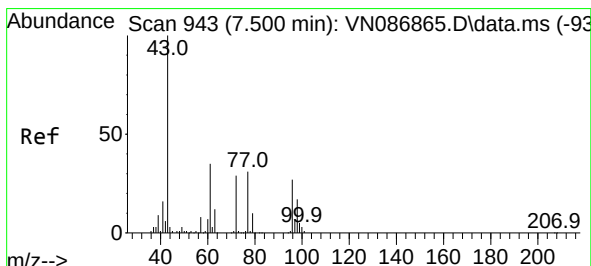
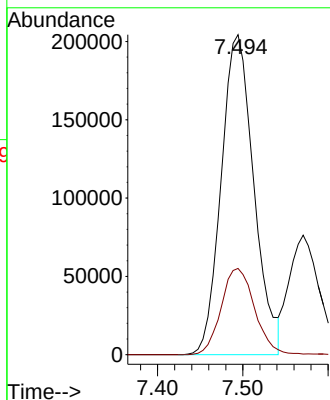
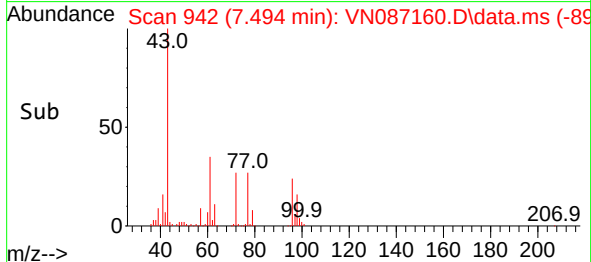
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



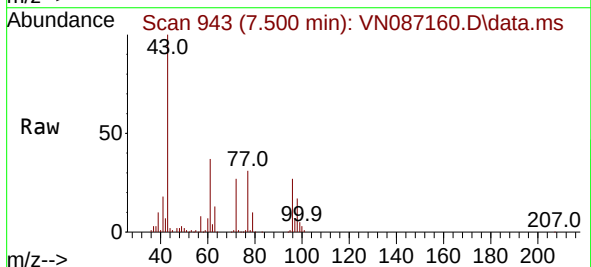
Tgt Ion: 43 Resp: 54495
Ion Ratio Lower Upper
43 100
72 27.0 23.0 34.6

Manual Integrations
APPROVED

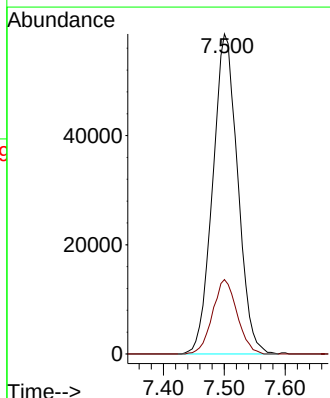
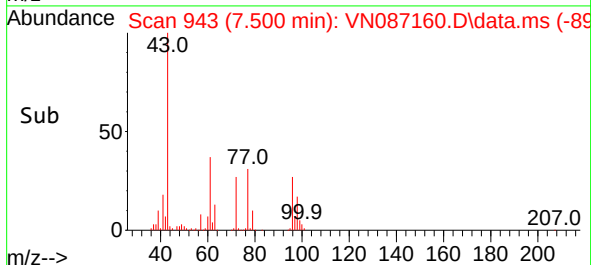
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

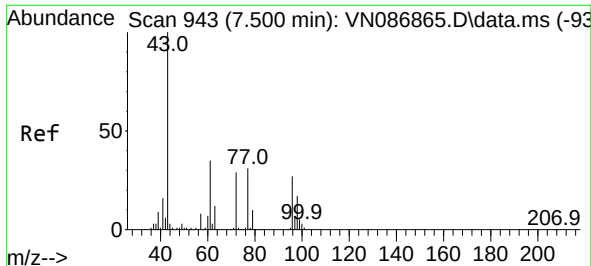


#26
2,2-Dichloropropane
Concen: 58.515 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32



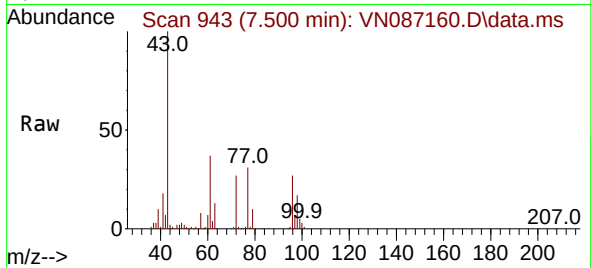
Tgt Ion: 77 Resp: 166924
Ion Ratio Lower Upper
77 100
97 22.8 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 55.800 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087160.D
 Acq: 24 Jun 2025 16:32

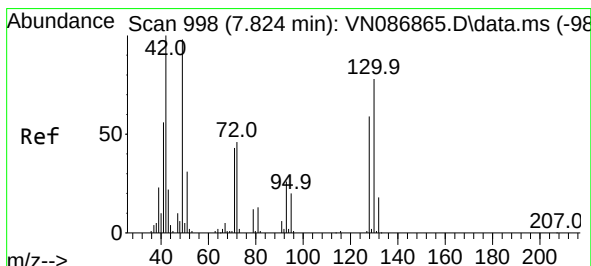
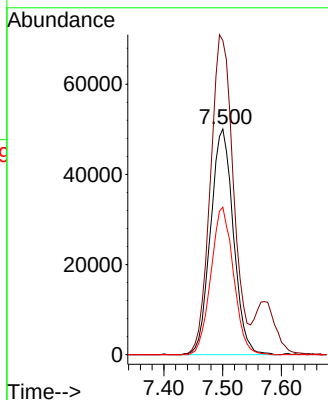
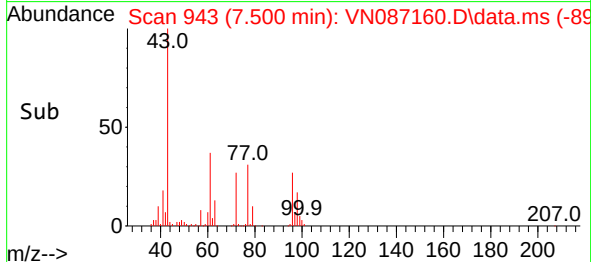
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 13534
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 278.0
 98 64.6 0.0 128.2

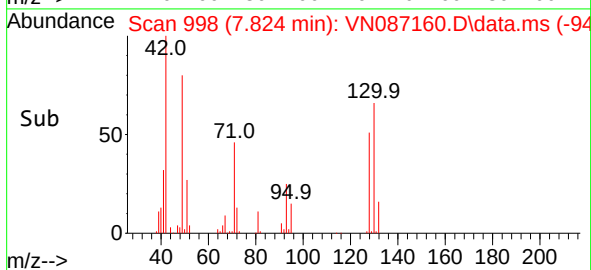
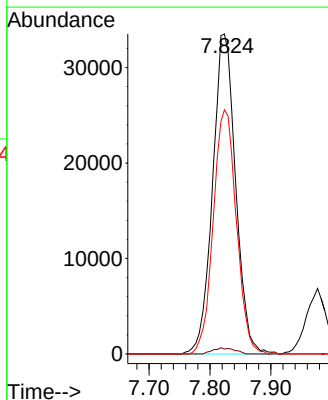
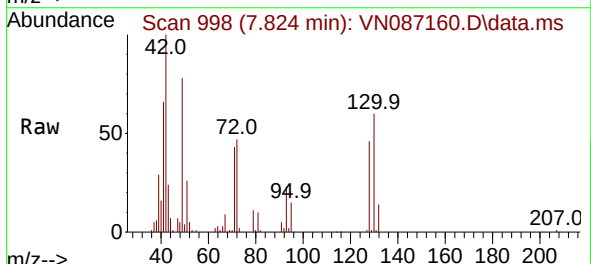
Manual Integrations
 APPROVED

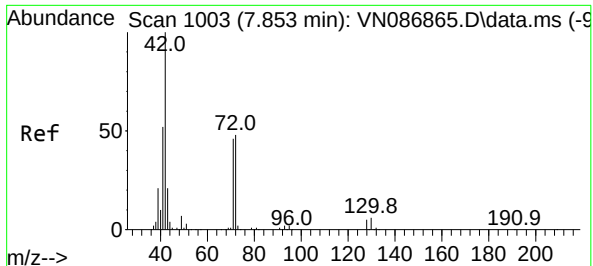
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/25/2025



#28
 Bromochloromethane
 Concen: 48.871 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087160.D
 Acq: 24 Jun 2025 16:32

Tgt Ion: 49 Resp: 88120
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 76.3 62.2 93.2





#29

Tetrahydrofuran

Concen: 286.903 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN087160.D

Acq: 24 Jun 2025 16:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

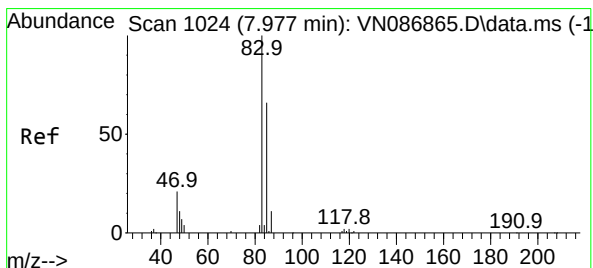
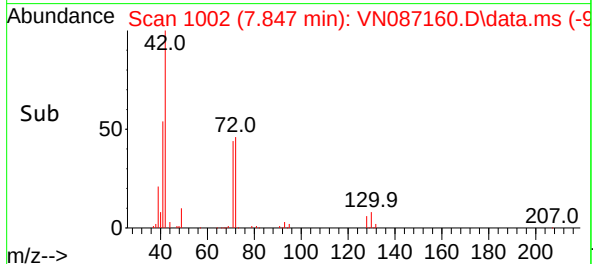
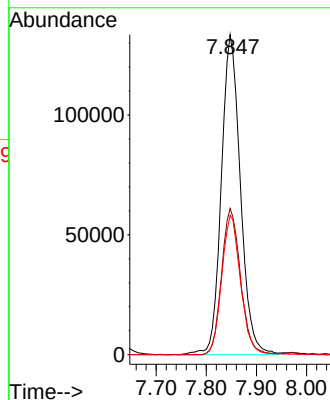
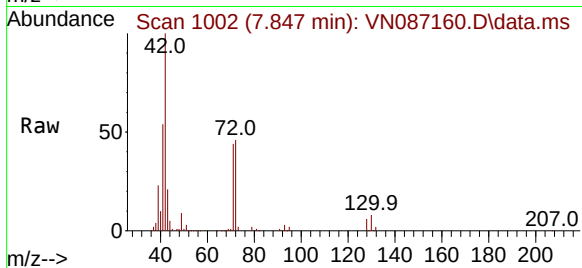
Tgt Ion: 42 Resp: 353270
 Ion Ratio Lower Upper
 42 100
 72 45.3 37.8 56.6
 71 43.0 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/25/2025



#30

Chloroform

Concen: 56.976 ug/l

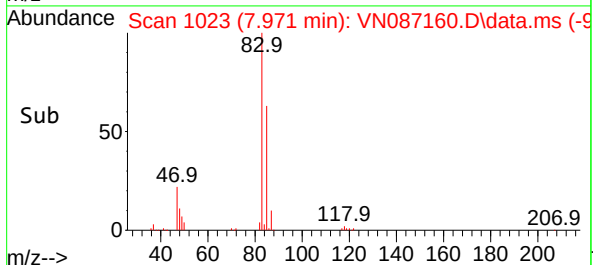
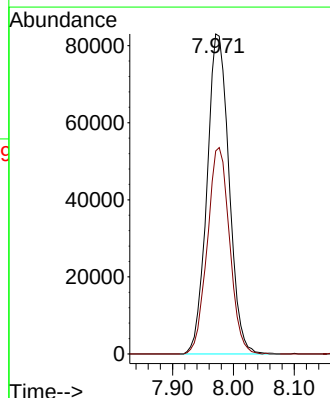
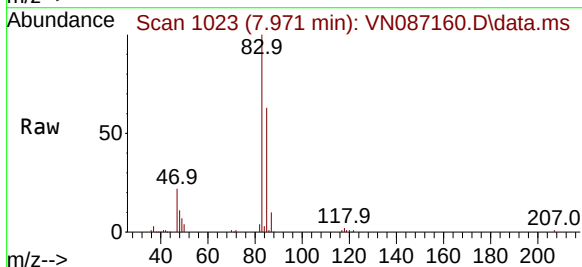
RT: 7.971 min Scan# 1023

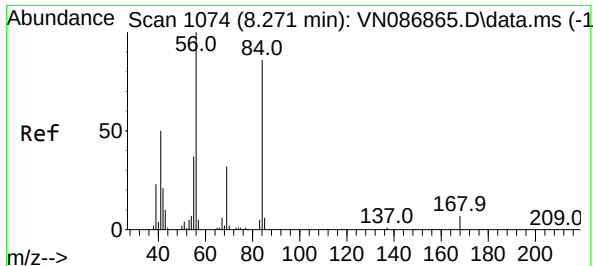
Delta R.T. -0.006 min

Lab File: VN087160.D

Acq: 24 Jun 2025 16:32

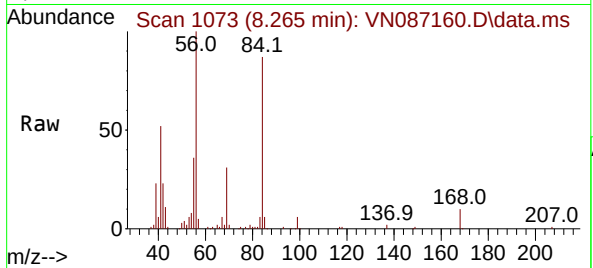
Tgt Ion: 83 Resp: 208664
 Ion Ratio Lower Upper
 83 100
 85 63.5 52.9 79.3





#31
Cyclohexane
Concen: 51.196 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

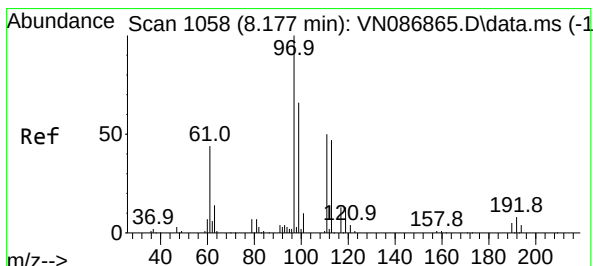
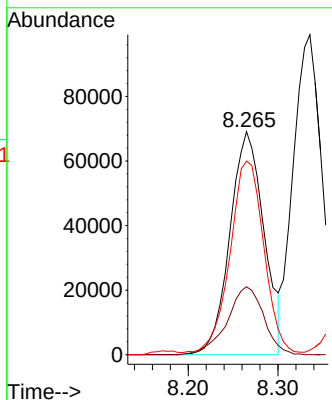
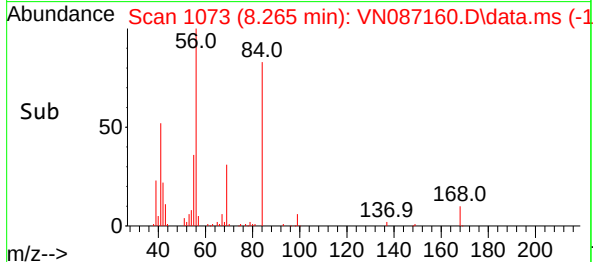
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 182078
Ion Ratio Lower Upper
56 100
69 30.5 25.4 38.0
84 85.8 68.8 103.2

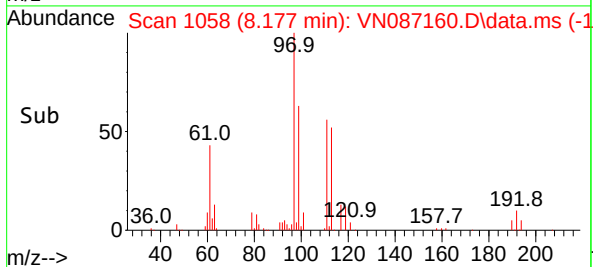
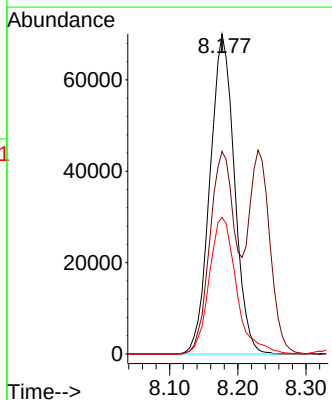
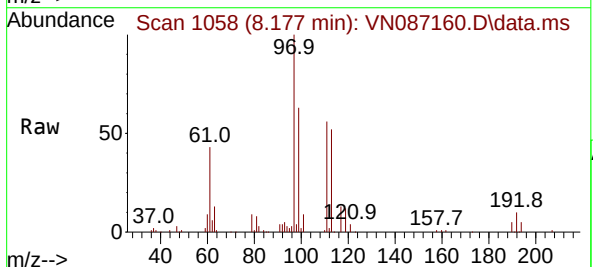
Manual Integrations
APPROVED

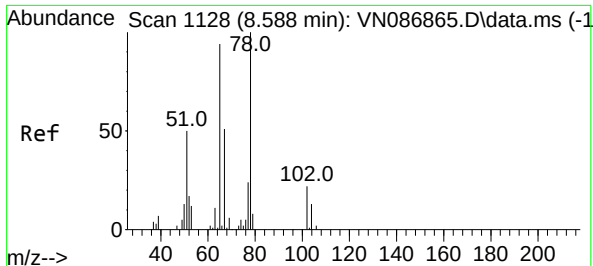
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#32
1,1,1-Trichloroethane
Concen: 56.141 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Tgt Ion: 97 Resp: 174874
Ion Ratio Lower Upper
97 100
99 66.5 52.0 78.0
61 47.5 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 52.406 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087160.D

Acq: 24 Jun 2025 16:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 11491

Ion Ratio Lower Upper

65 100

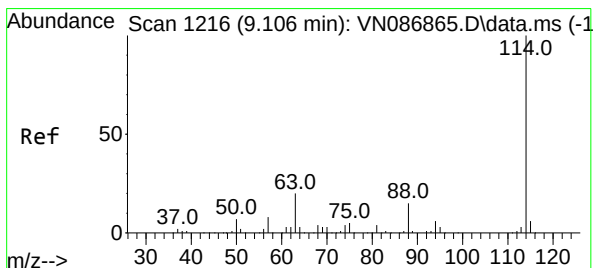
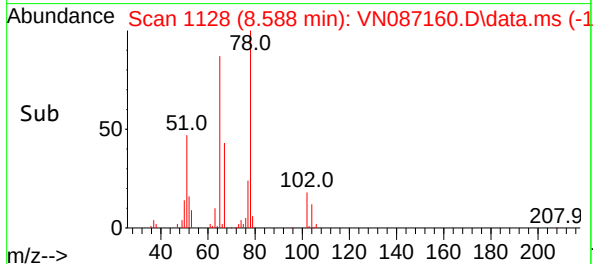
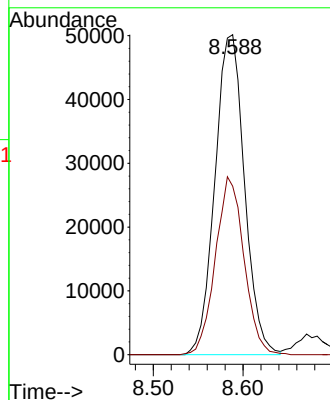
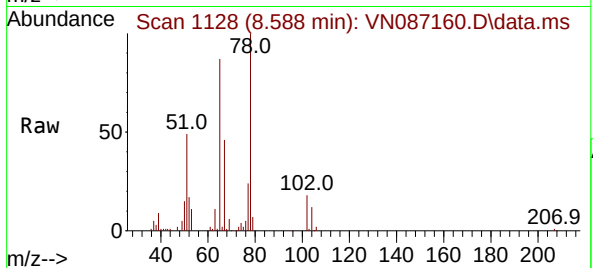
67 53.6 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087160.D

Acq: 24 Jun 2025 16:32

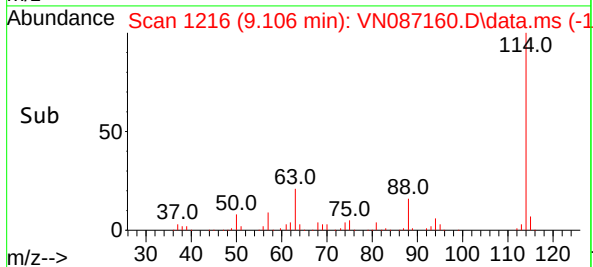
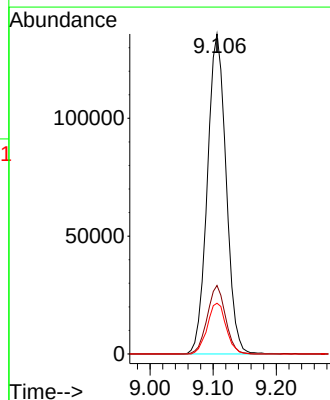
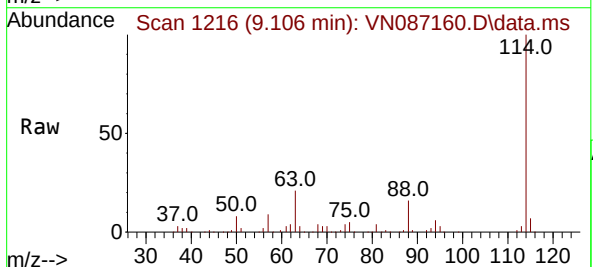
Tgt Ion:114 Resp: 279531

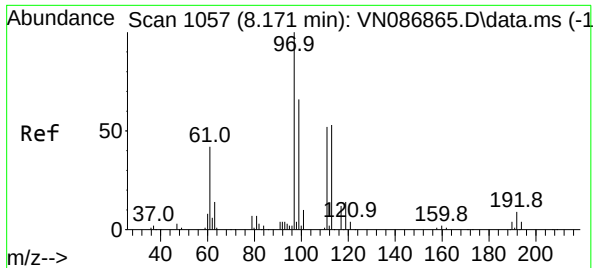
Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.6

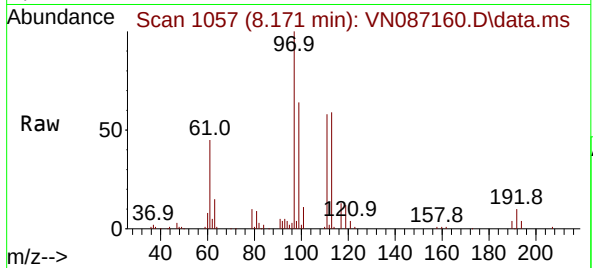
88 15.8 0.0 30.2





#35
Dibromofluoromethane
Concen: 55.474 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

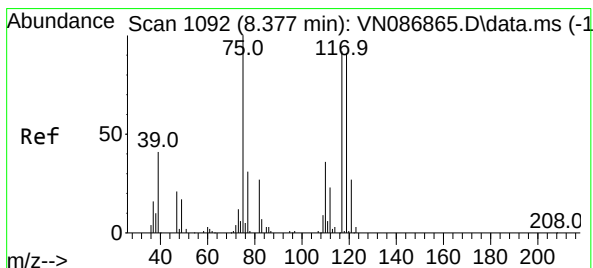
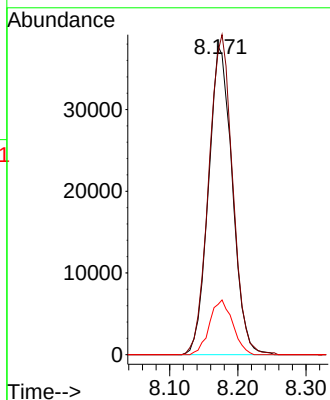
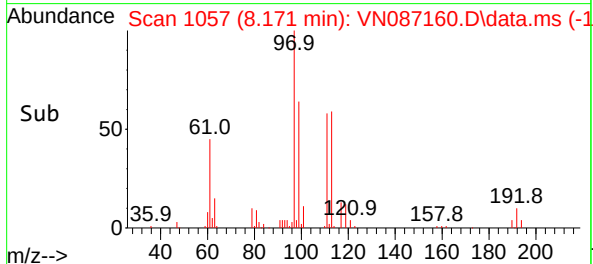
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



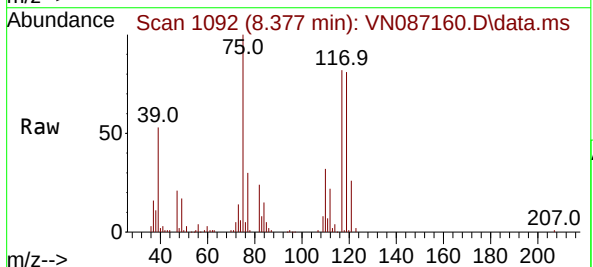
Tgt Ion: 113 Resp: 91890
Ion Ratio Lower Upper
113 100
111 104.0 84.2 126.2
192 17.2 14.2 21.4

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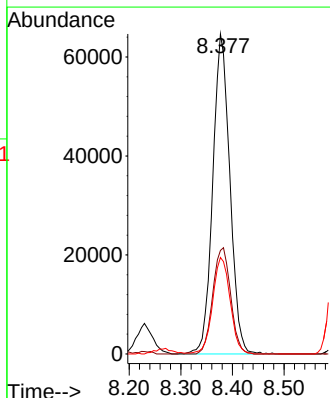
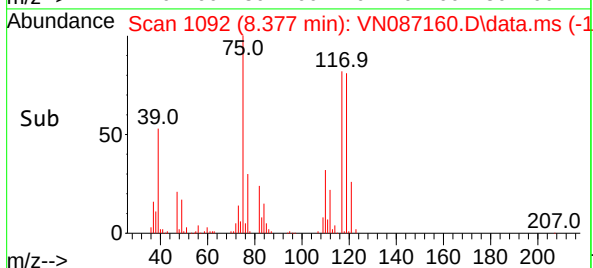
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

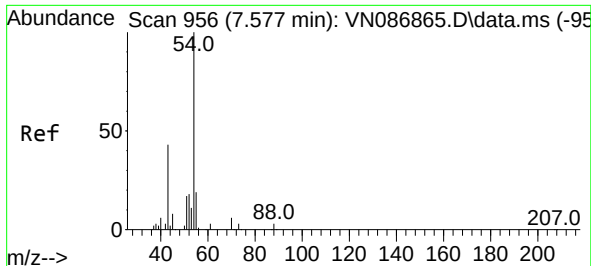


#36
1,1-Dichloropropene
Concen: 60.253 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32



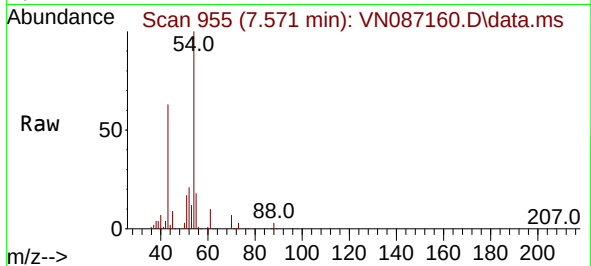
Tgt Ion: 75 Resp: 148731
Ion Ratio Lower Upper
75 100
110 34.5 17.6 52.9
77 30.9 25.3 37.9





#37
Ethyl Acetate
Concen: 61.693 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

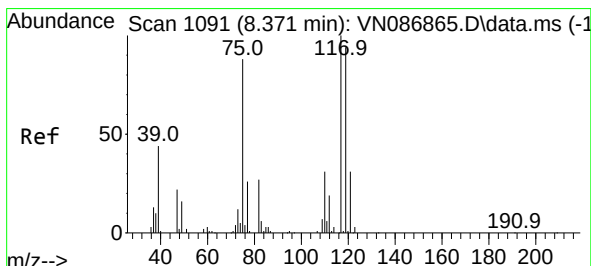
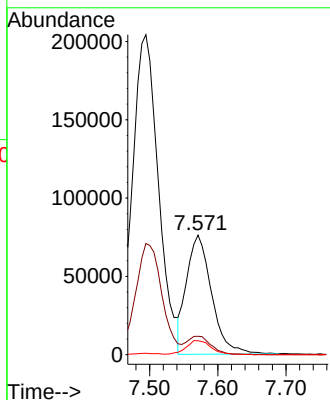
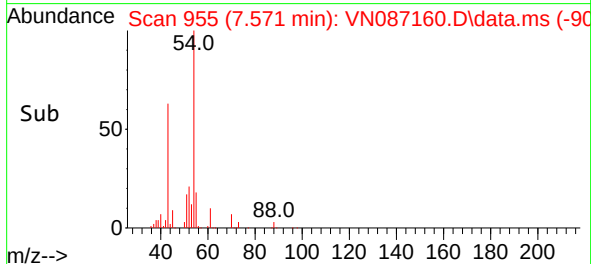
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 193860
Ion Ratio Lower Upper
43 100
61 14.8 12.1 18.1
70 11.9 9.8 14.6

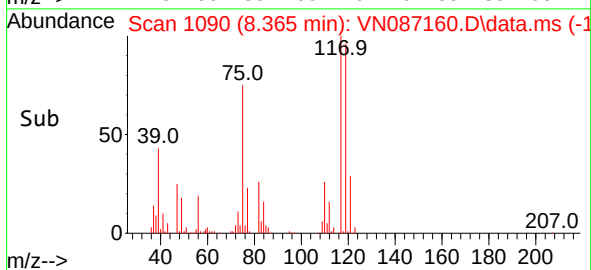
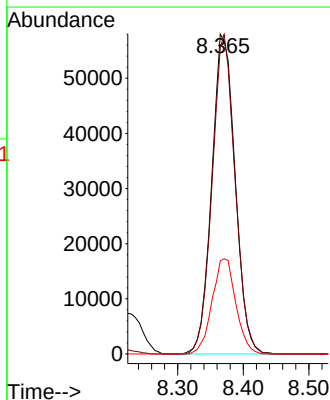
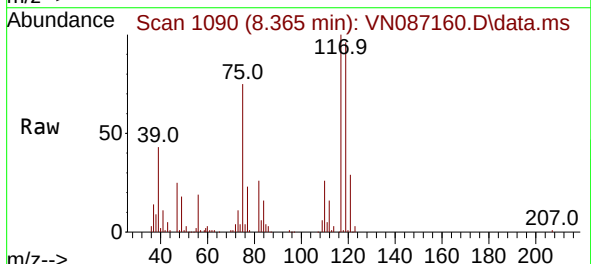
Manual Integrations
APPROVED

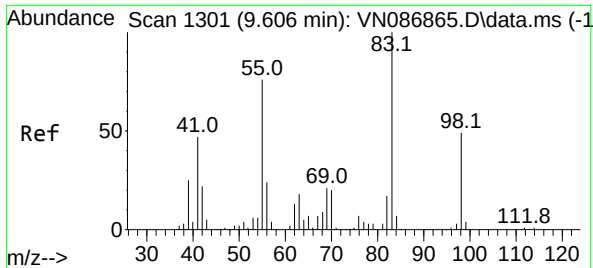
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#38
Carbon Tetrachloride
Concen: 59.224 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Tgt Ion:117 Resp: 143526
Ion Ratio Lower Upper
117 100
119 95.8 75.0 112.6
121 29.1 24.9 37.3





#39

Methylcyclohexane

Concen: 47.044 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087160.D

Acq: 24 Jun 2025 16:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 159090

Ion Ratio Lower Upper

83 100

55 75.8 61.0 91.6

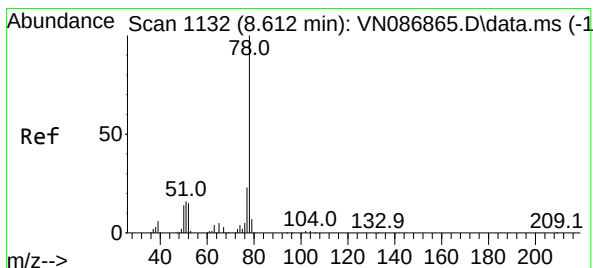
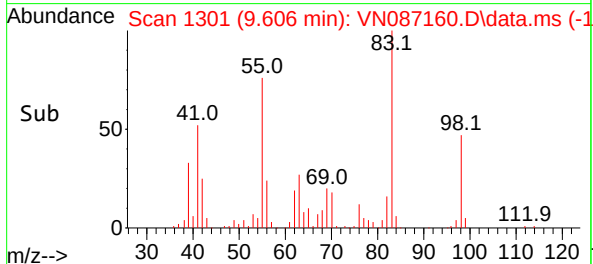
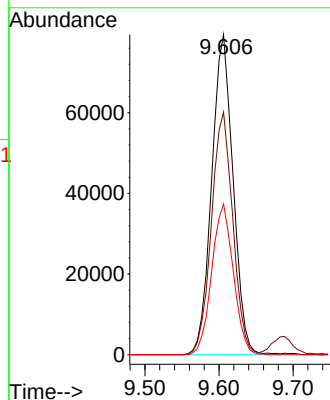
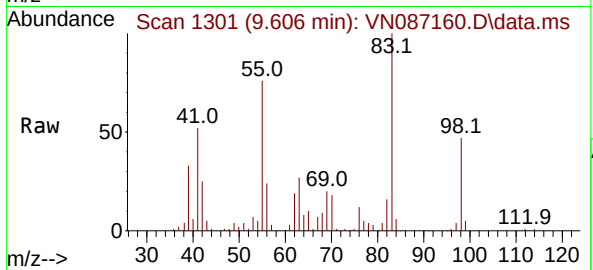
98 47.1 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/25/2025



#40

Benzene

Concen: 59.123 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087160.D

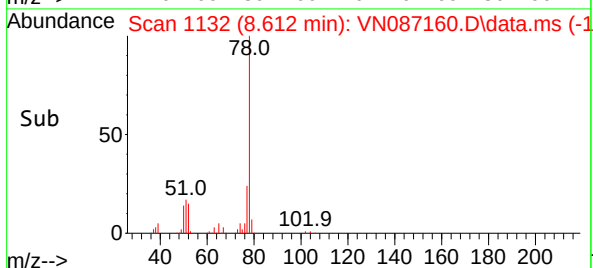
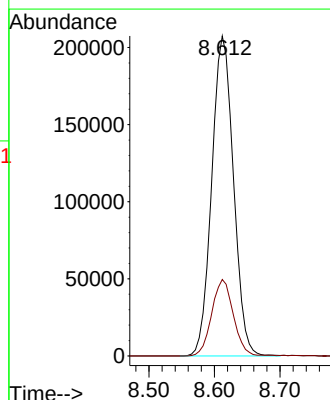
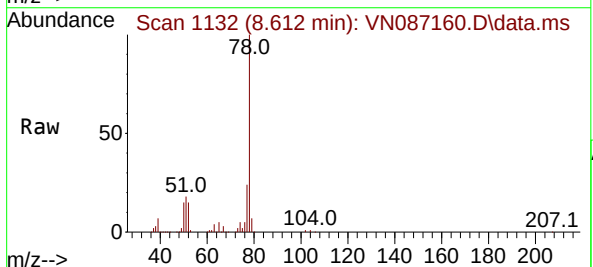
Acq: 24 Jun 2025 16:32

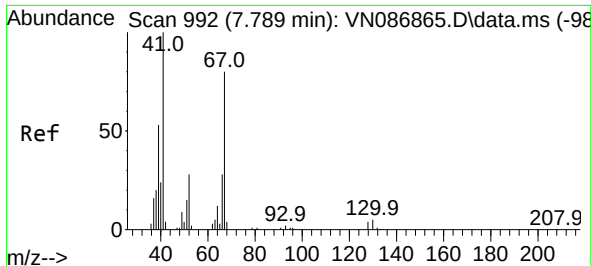
Tgt Ion: 78 Resp: 477234

Ion Ratio Lower Upper

78 100

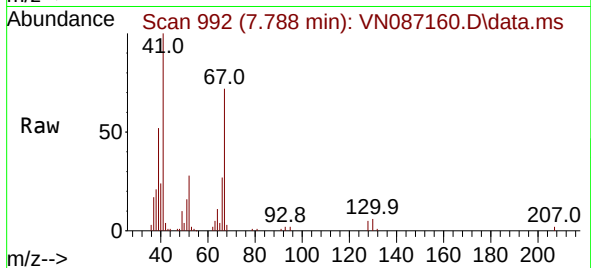
77 23.9 18.7 28.1





#41
Methacrylonitrile
Concen: 60.737 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

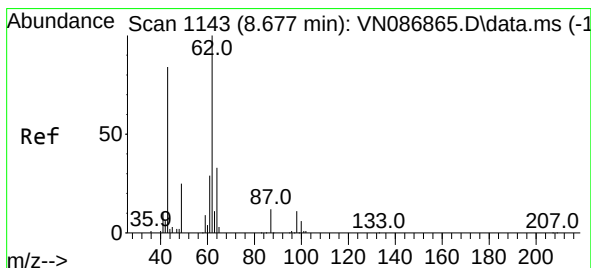
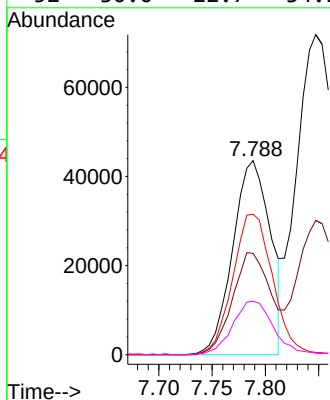
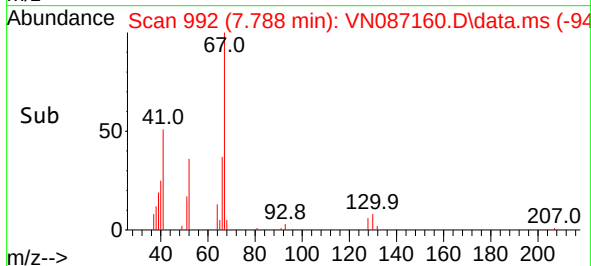
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 107180
Ion Ratio Lower Upper
41 100
39 55.4 41.2 61.8
67 76.8 61.4 92.2
52 30.0 22.7 34.1

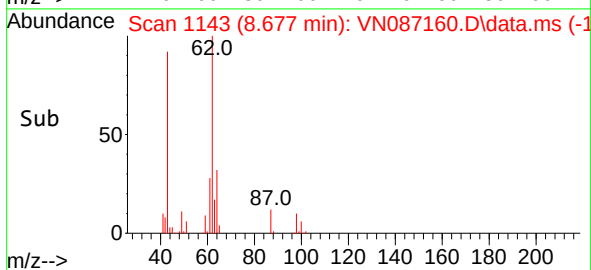
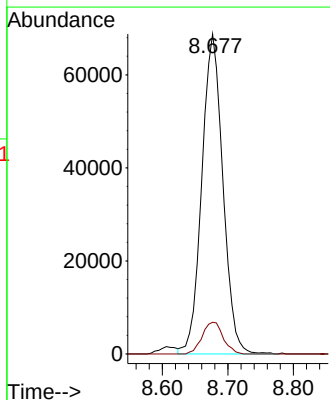
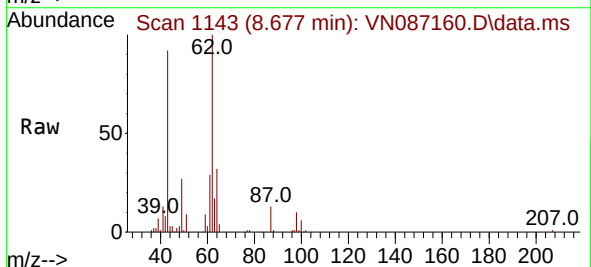
Manual Integrations
APPROVED

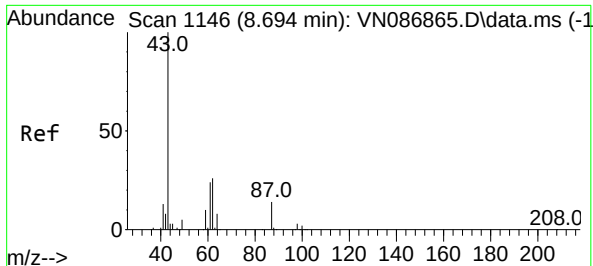
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#42
1,2-Dichloroethane
Concen: 62.872 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

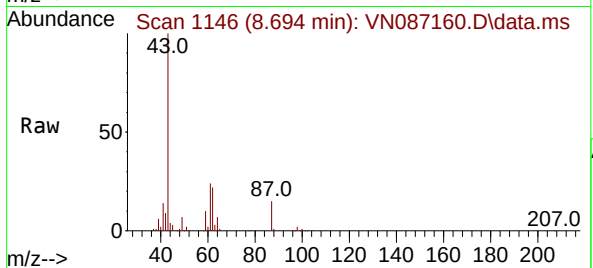
Tgt Ion: 62 Resp: 153929
Ion Ratio Lower Upper
62 100
98 9.9 0.0 21.2





#43
Isopropyl Acetate
Concen: 60.983 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

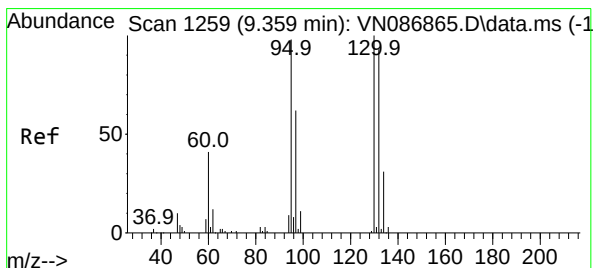
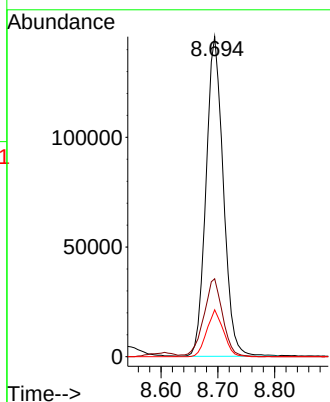
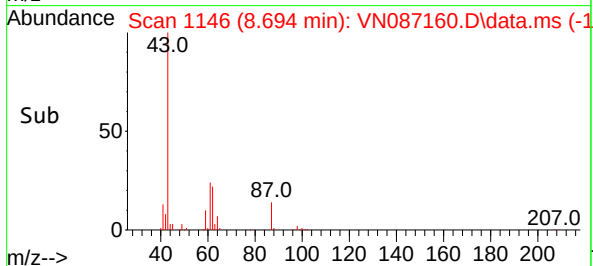
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



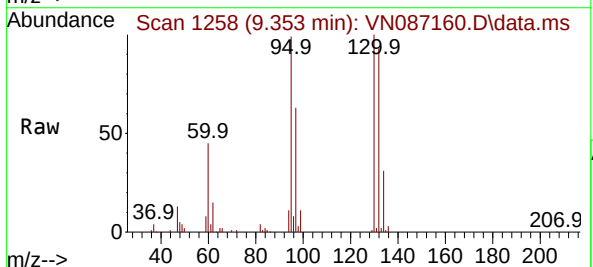
Tgt Ion: 43 Resp: 30756
Ion Ratio Lower Upper
43 100
61 26.6 22.1 33.1
87 14.2 11.8 17.6

Manual Integrations
APPROVED

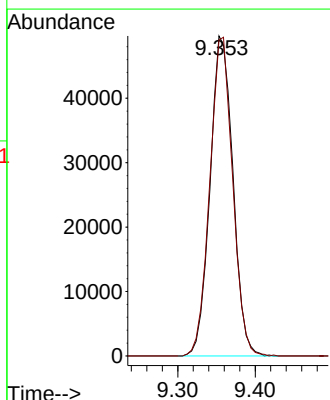
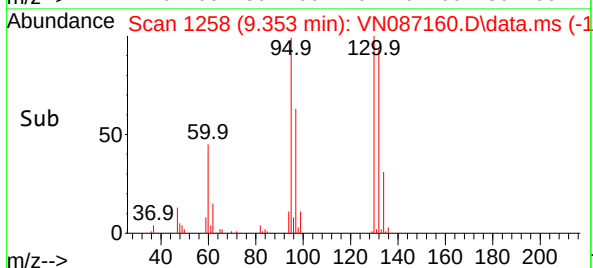
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

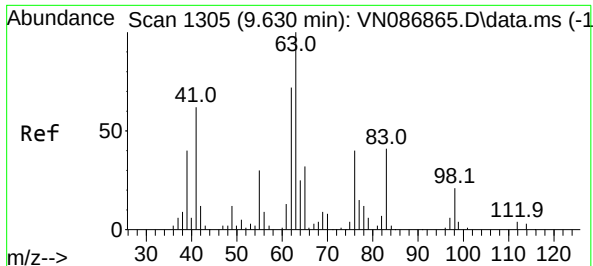


#44
Trichloroethene
Concen: 53.261 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32



Tgt Ion:130 Resp: 101941
Ion Ratio Lower Upper
130 100
95 98.8 0.0 196.2





#45

1,2-Dichloropropane

Concen: 57.230 ug/l

RT: 9.624 min Scan# 11238

Delta R.T. -0.006 min

Lab File: VN087160.D

Acq: 24 Jun 2025 16:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11238

Ion Ratio Lower Upper

63 100

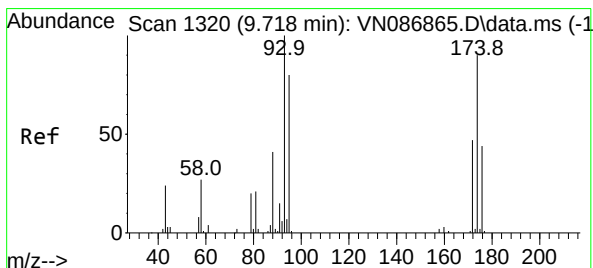
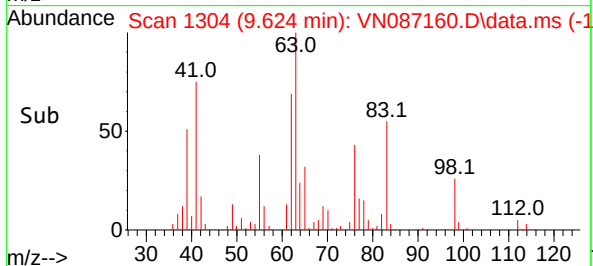
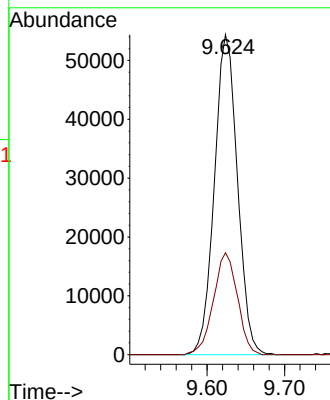
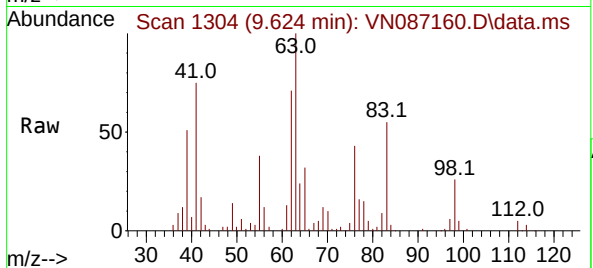
65 31.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/25/2025



#46

Dibromomethane

Concen: 58.405 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087160.D

Acq: 24 Jun 2025 16:32

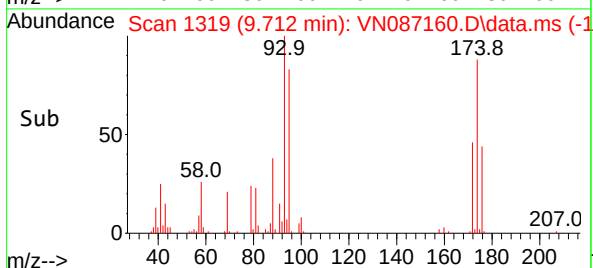
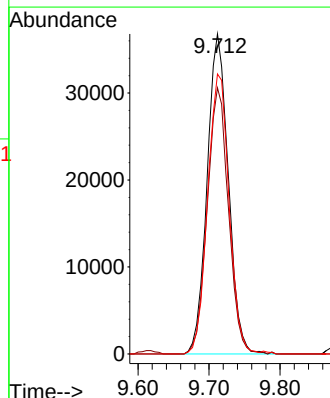
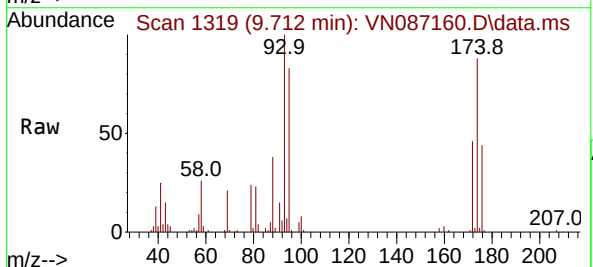
Tgt Ion: 93 Resp: 76182

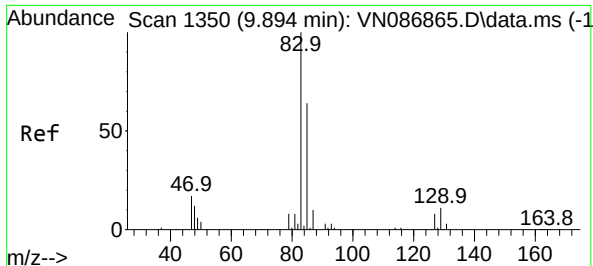
Ion Ratio Lower Upper

93 100

95 83.3 67.1 100.7

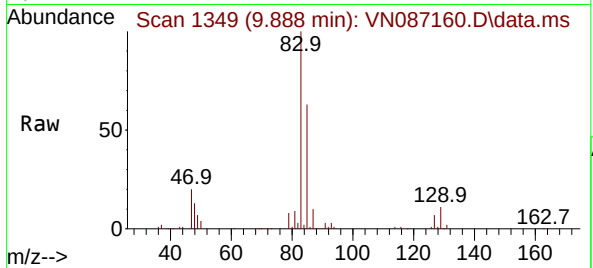
174 88.8 74.2 111.4





#47
Bromodichloromethane
Concen: 59.212 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

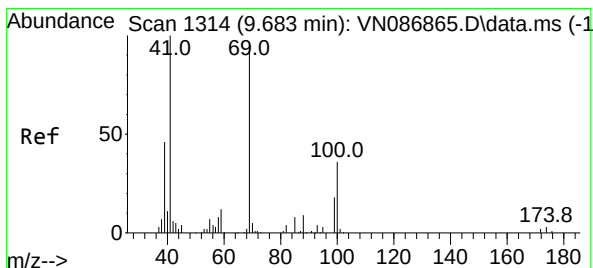
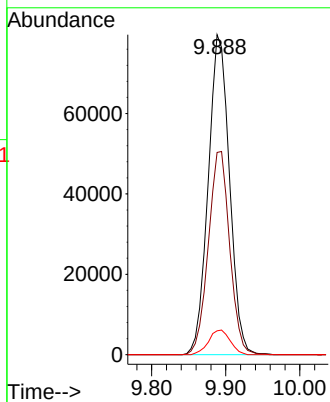
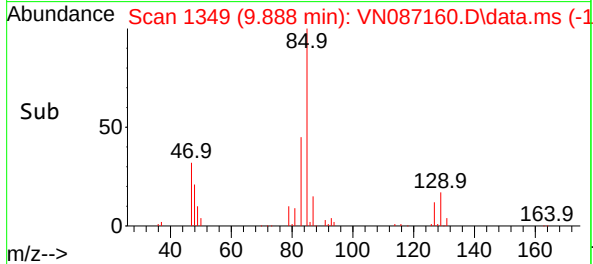
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 158909
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3
127 7.4 6.6 10.0

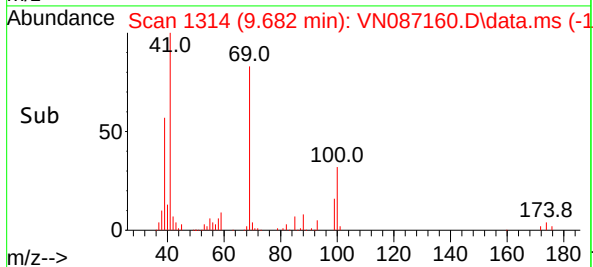
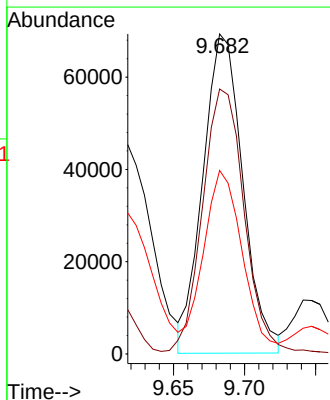
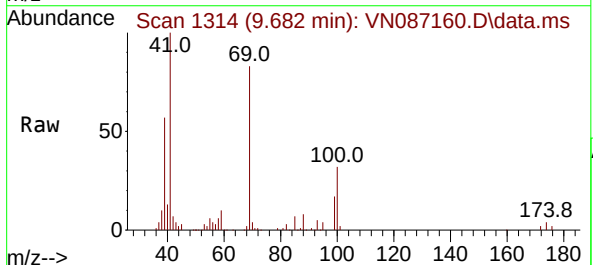
Manual Integrations
APPROVED

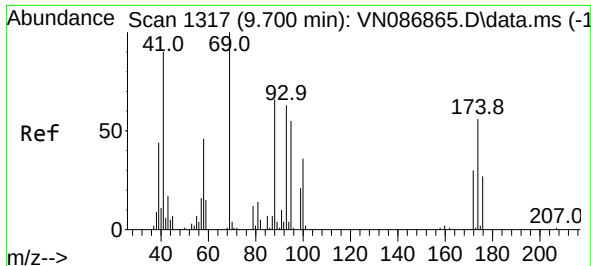
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#48
Methyl methacrylate
Concen: 58.260 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

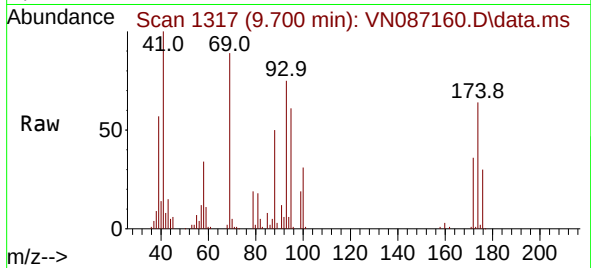
Tgt Ion: 41 Resp: 135240
Ion Ratio Lower Upper
41 100
69 86.5 74.6 112.0
39 56.6 40.2 60.4





#49
1,4-Dioxane
Concen: 986.783 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

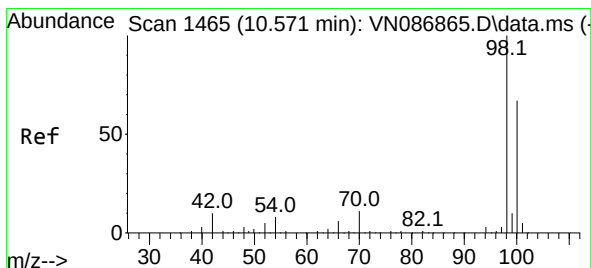
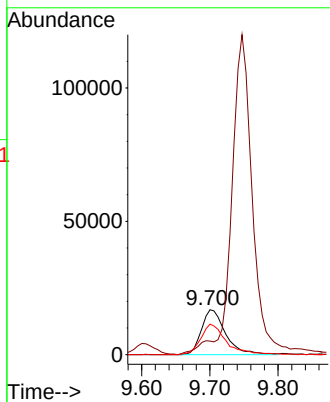
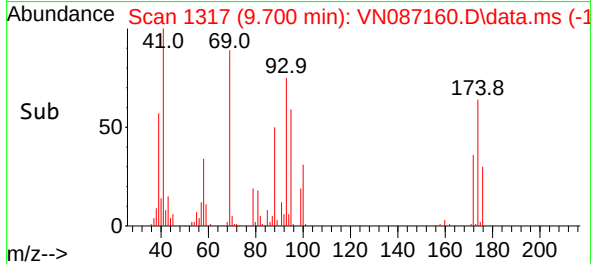
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



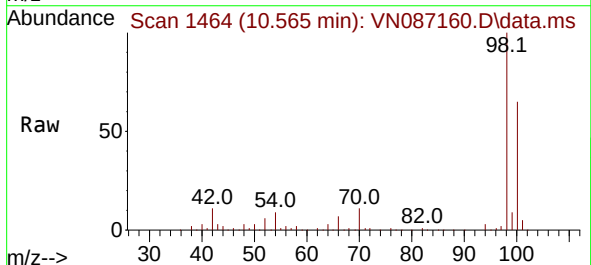
Tgt Ion: 88 Resp: 41672
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.2 57.7 86.5

Manual Integrations
APPROVED

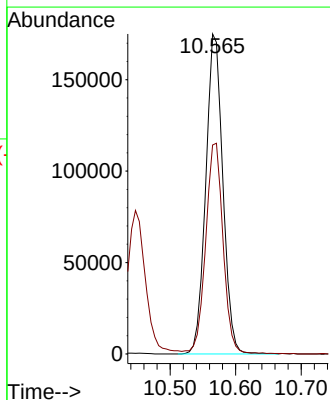
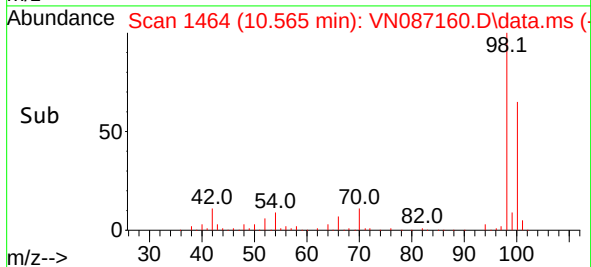
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

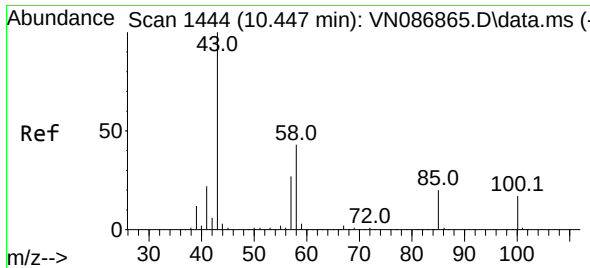


#50
Toluene-d8
Concen: 48.476 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32



Tgt Ion: 98 Resp: 317901
Ion Ratio Lower Upper
98 100
100 67.5 53.4 80.0





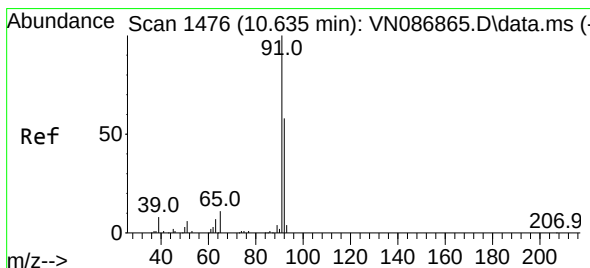
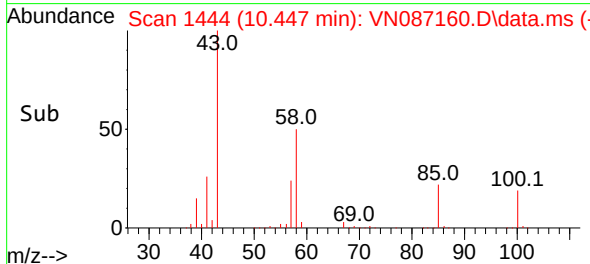
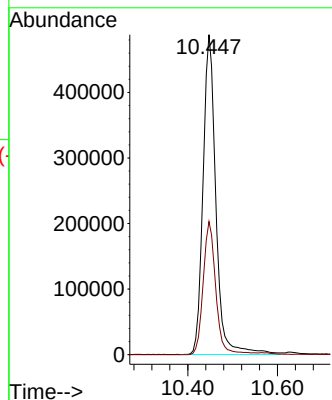
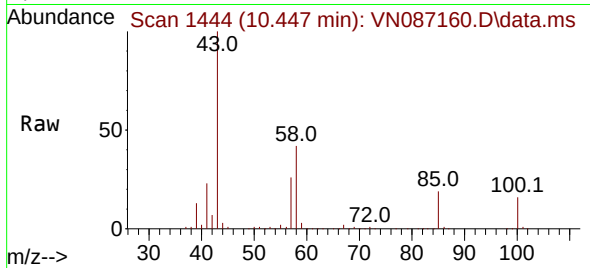
#51
4-Methyl-2-Pentanone
Concen: 320.190 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 972160
Ion Ratio Lower Upper
43 100
58 40.8 34.2 51.4

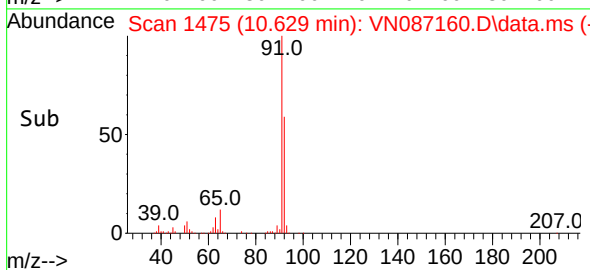
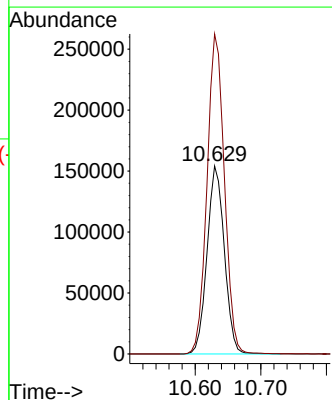
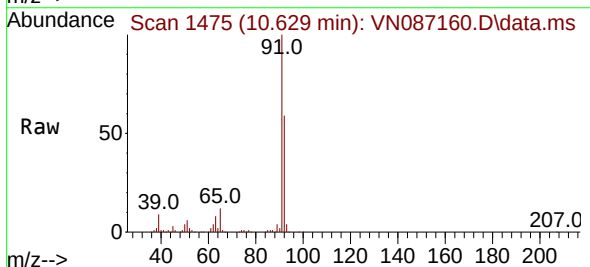
Manual Integrations
APPROVED

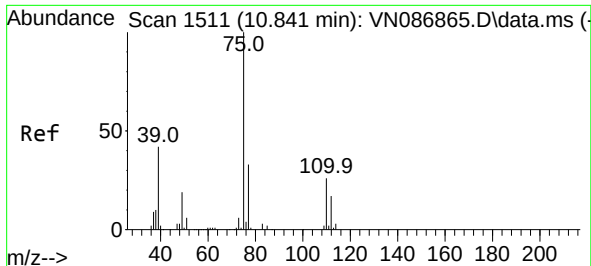
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#52
Toluene
Concen: 57.305 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

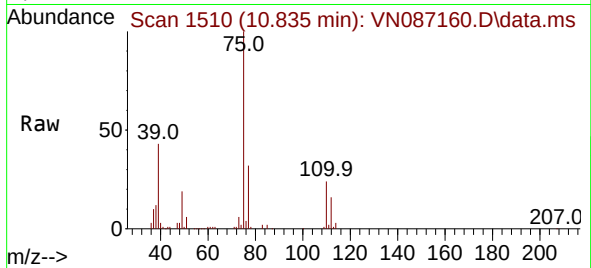
Tgt Ion: 92 Resp: 282682
Ion Ratio Lower Upper
92 100
91 171.1 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 59.742 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

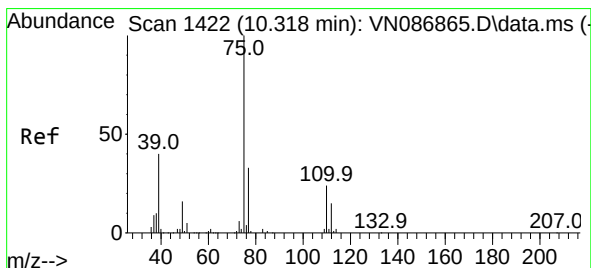
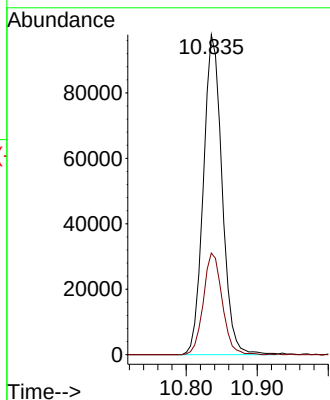
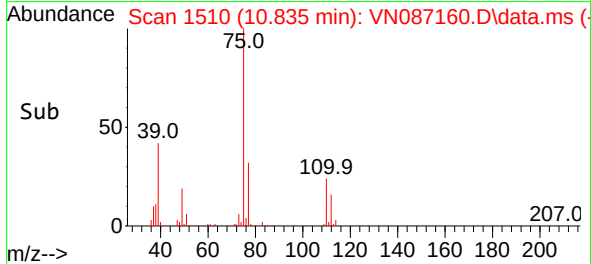
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 179280
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6

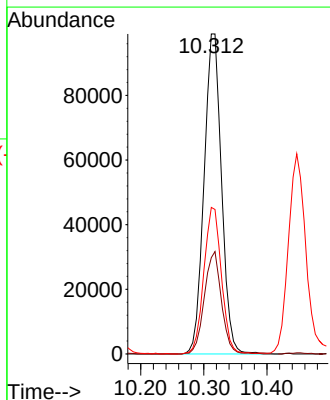
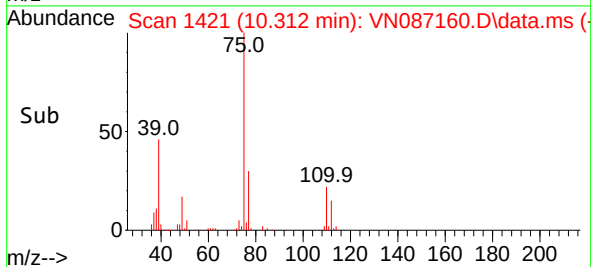
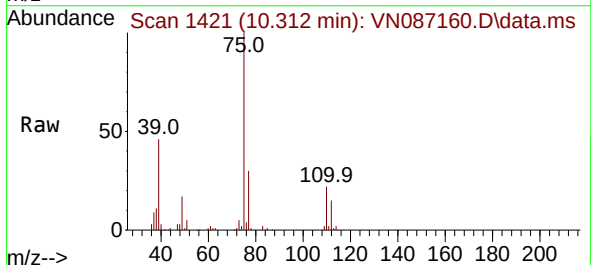
Manual Integrations
APPROVED

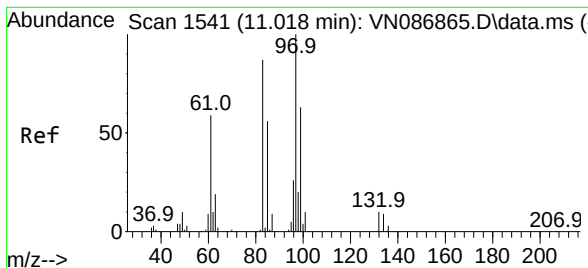
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#54
cis-1,3-Dichloropropene
Concen: 59.276 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

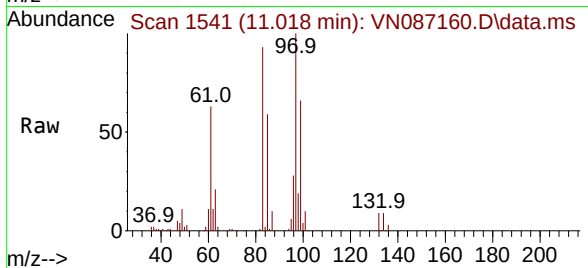
Tgt Ion: 75 Resp: 190332
Ion Ratio Lower Upper
75 100
77 30.1 26.2 39.4
39 45.8 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 58.892 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

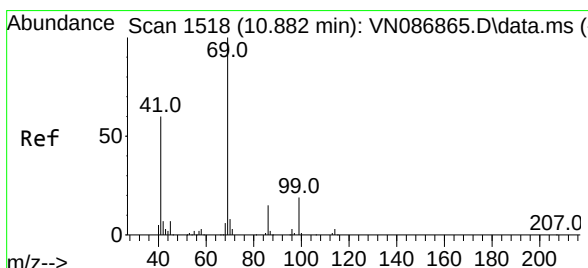
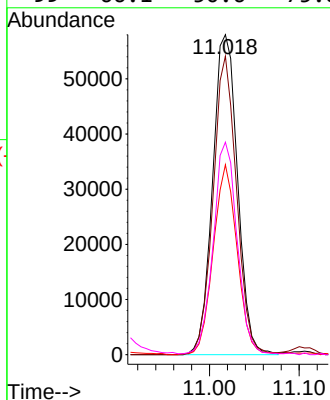
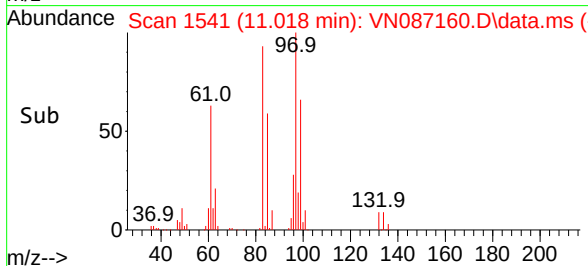
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC



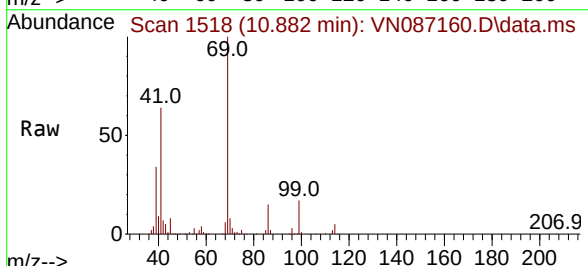
Tgt Ion: 97 Resp: 111784
Ion Ratio Lower Upper
97 100
83 93.3 69.7 104.5
85 59.3 45.1 67.7
99 66.1 50.6 75.8

Manual Integrations
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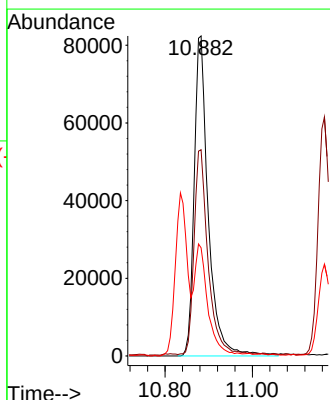
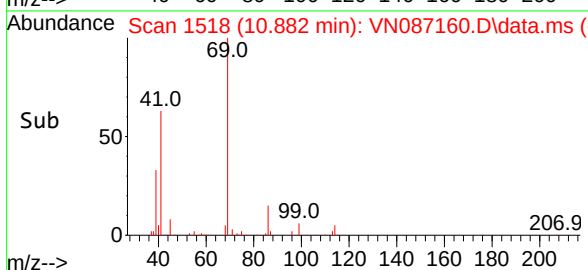
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

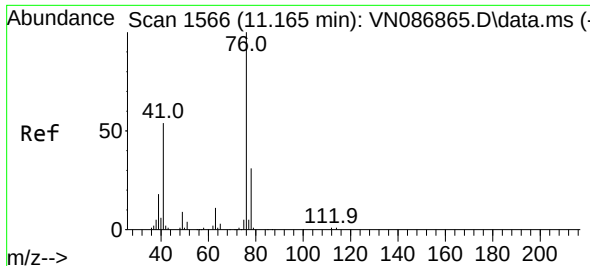


#56
Ethyl methacrylate
Concen: 61.283 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32



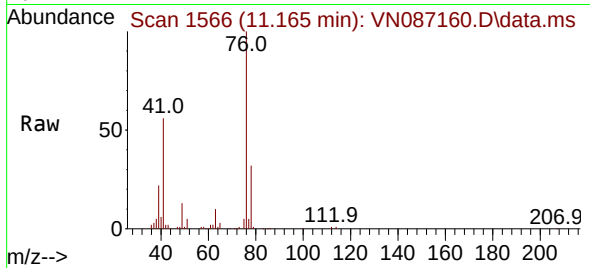
Tgt Ion: 69 Resp: 185275
Ion Ratio Lower Upper
69 100
41 63.4 47.2 70.8
39 32.3 23.0 34.6





#57
1,3-Dichloropropane
Concen: 60.757 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

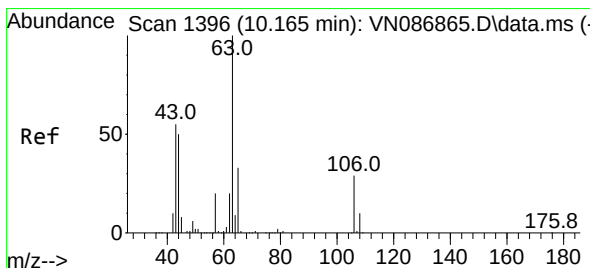
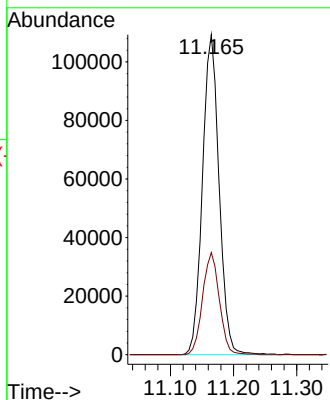
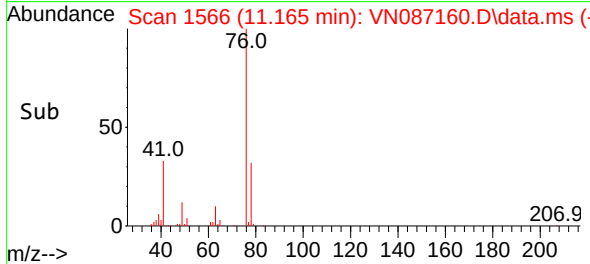
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 20005
Ion Ratio Lower Upper
76 100
78 32.1 25.3 37.9

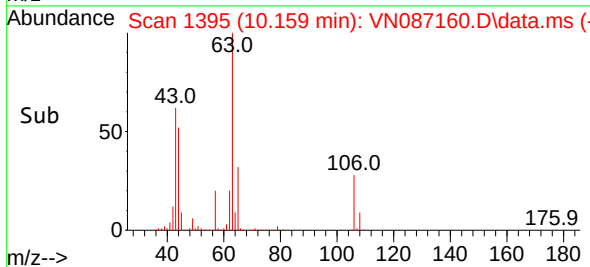
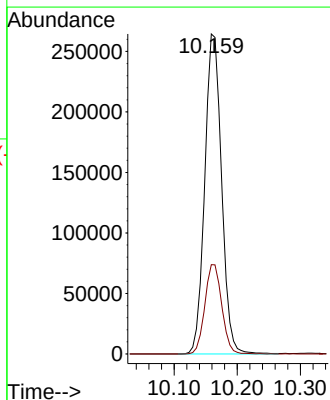
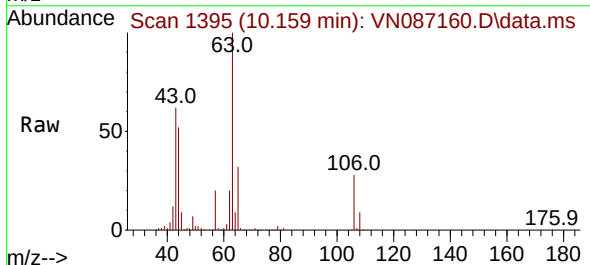
Manual Integrations
APPROVED

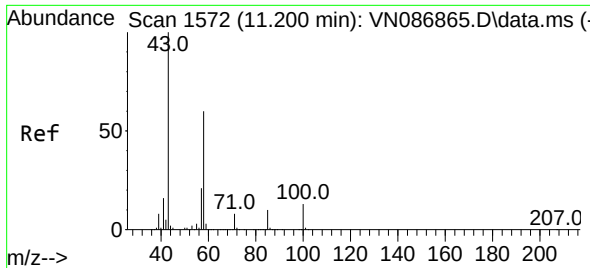
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#58
2-Chloroethyl Vinyl ether
Concen: 271.989 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

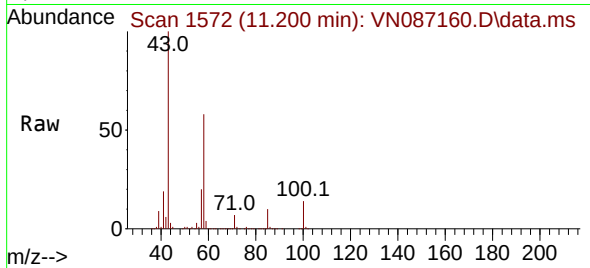
Tgt Ion: 63 Resp: 490454
Ion Ratio Lower Upper
63 100
106 28.1 23.0 34.6





#59
2-Hexanone
Concen: 330.887 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

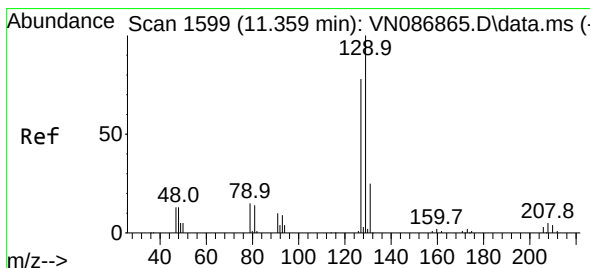
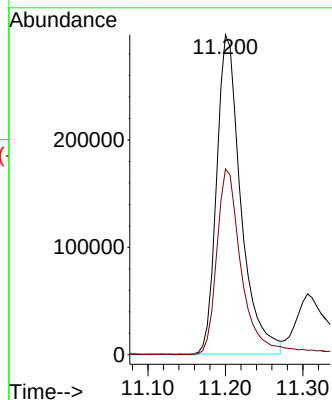
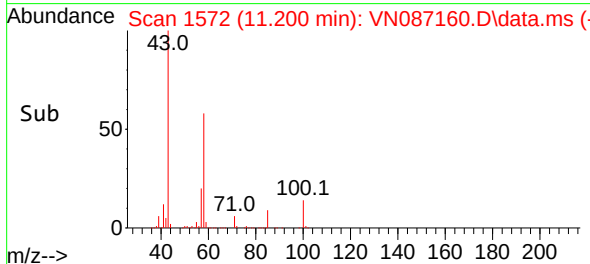
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 647125
Ion Ratio Lower Upper
43 100
58 62.0 30.4 91.3

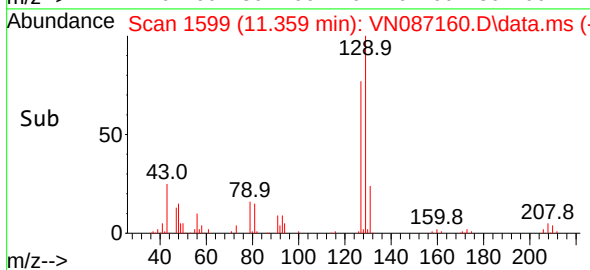
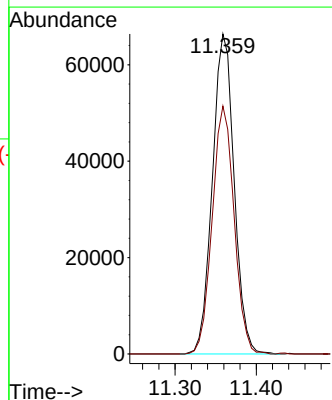
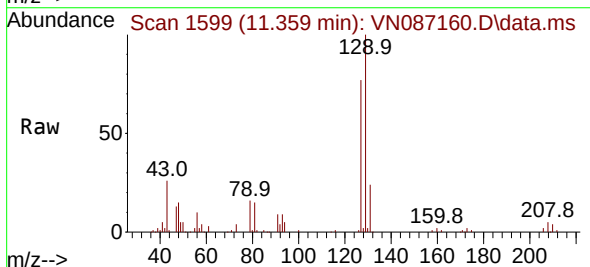
Manual Integrations
APPROVED

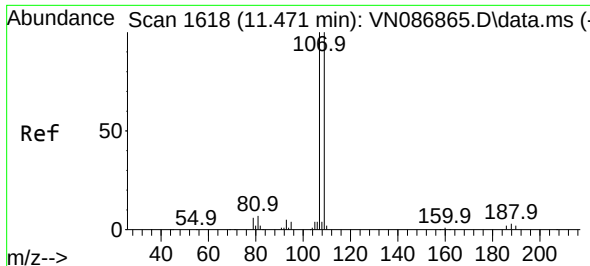
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#60
Dibromochloromethane
Concen: 62.556 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

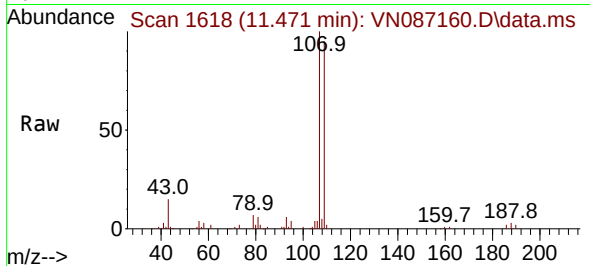
Tgt Ion:129 Resp: 123712
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 61.524 ug/l
RT: 11.471 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

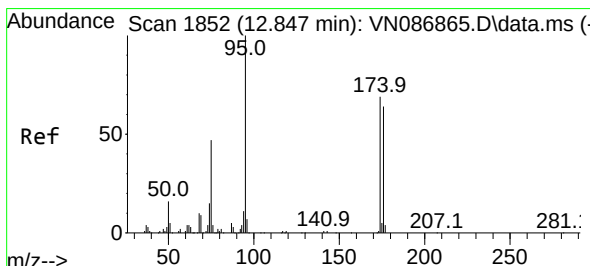
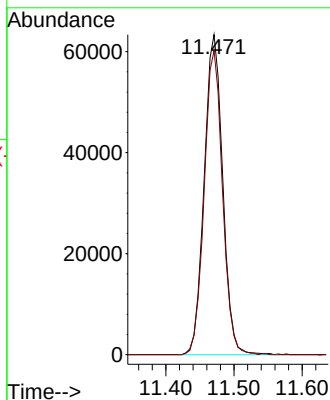
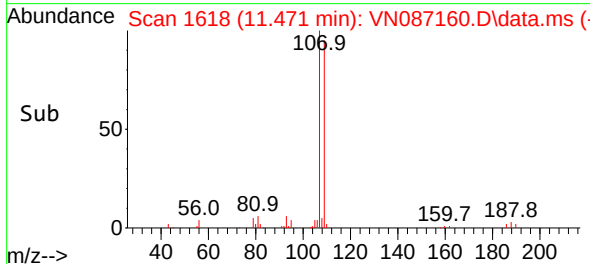
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



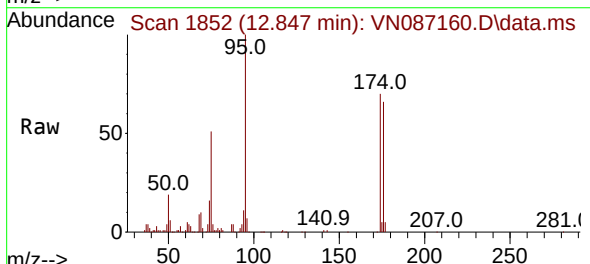
Tgt Ion:107 Resp: 119698
Ion Ratio Lower Upper
107 100
109 93.9 76.3 114.5

Manual Integrations
APPROVED

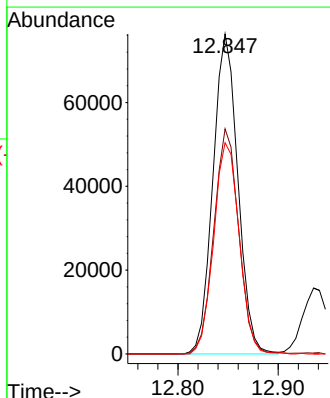
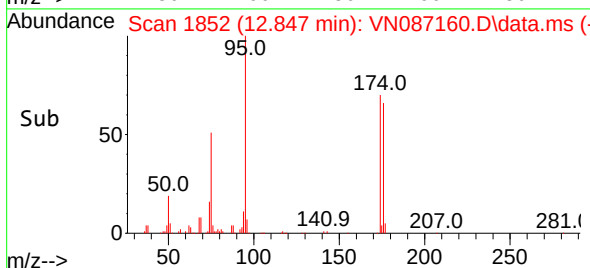
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

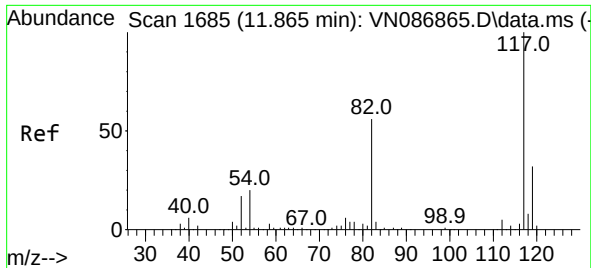


#62
4-Bromofluorobenzene
Concen: 53.882 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32



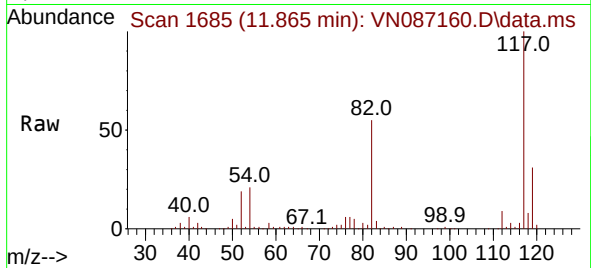
Tgt Ion: 95 Resp: 131281
Ion Ratio Lower Upper
95 100
174 70.4 0.0 141.8
176 67.7 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

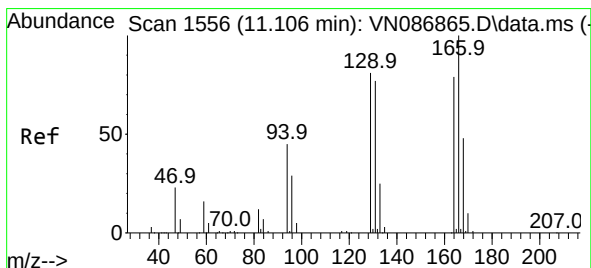
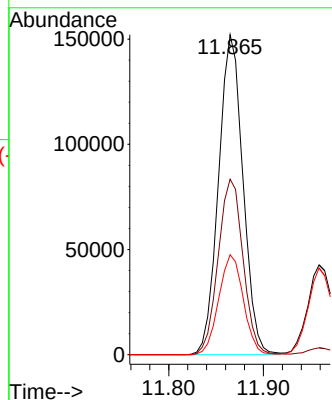
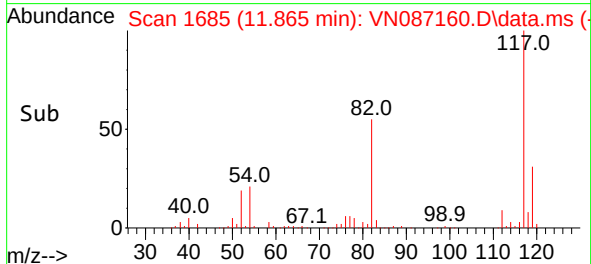
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 27292
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 31.3 25.5 38.3

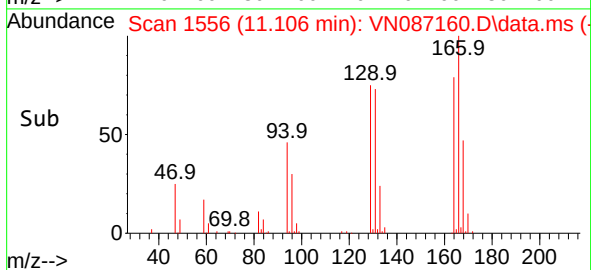
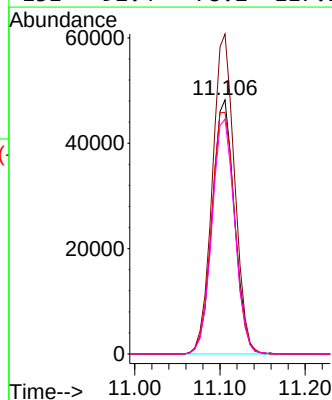
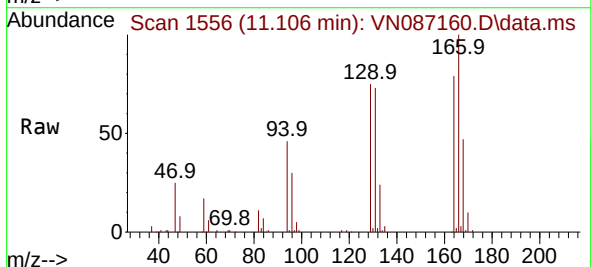
Manual Integrations
APPROVED

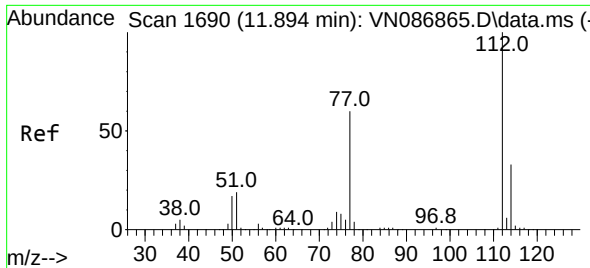
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#64
Tetrachloroethene
Concen: 50.709 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Tgt Ion:164 Resp: 87585
Ion Ratio Lower Upper
164 100
166 125.9 101.8 152.8
129 95.1 83.0 124.4
131 92.4 78.2 117.2





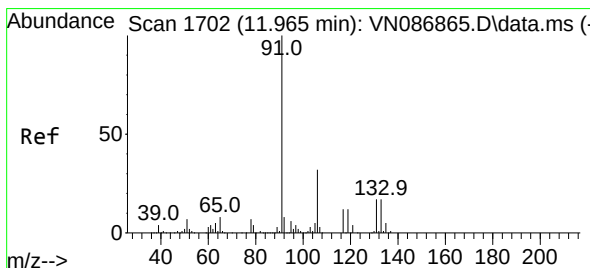
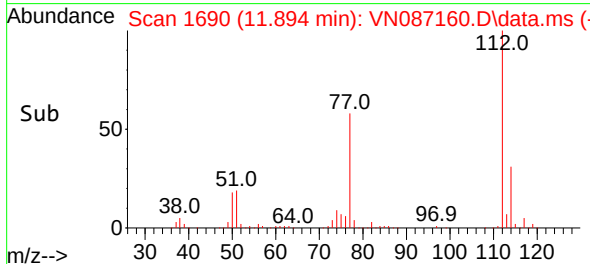
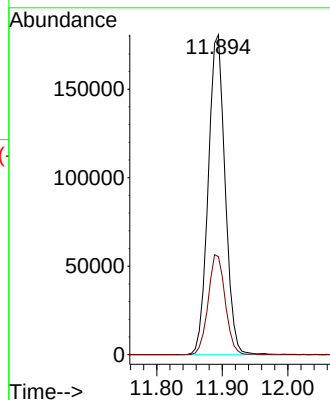
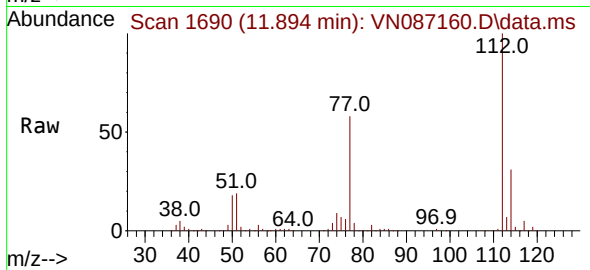
#65
Chlorobenzene
Concen: 53.684 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 32314
Ion Ratio Lower Upper
112 100
114 30.7 26.2 39.2

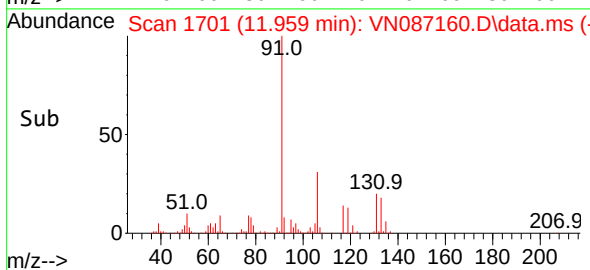
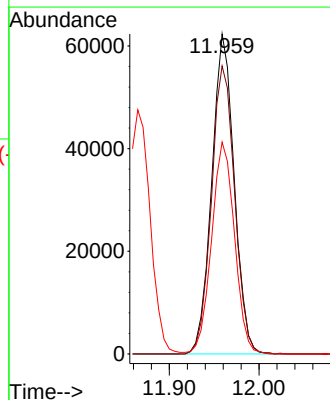
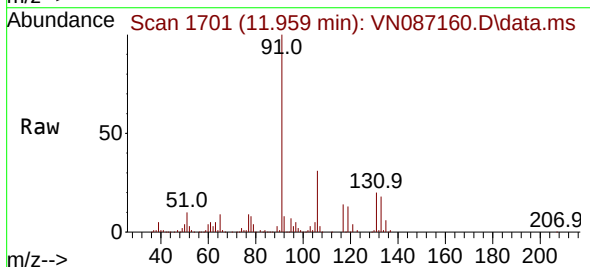
Manual Integrations
APPROVED

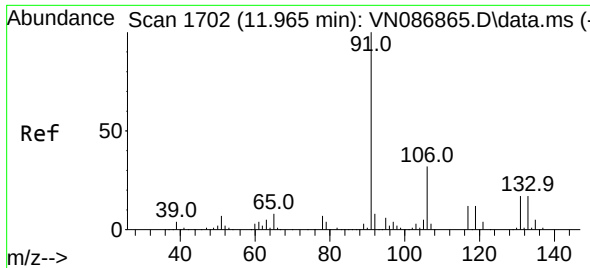
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 55.920 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Tgt Ion:131 Resp: 108201
Ion Ratio Lower Upper
131 100
133 93.3 48.3 144.8
119 67.7 34.0 101.8





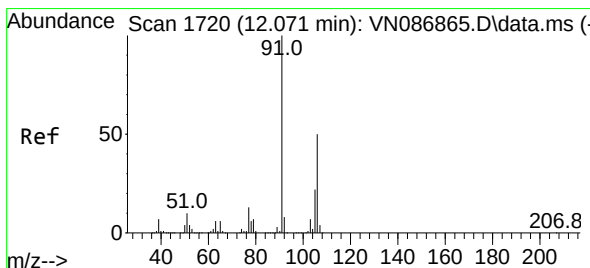
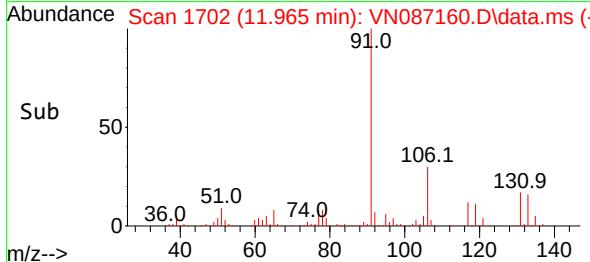
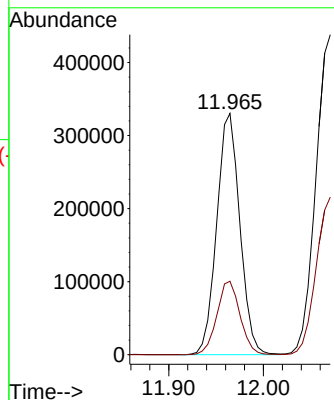
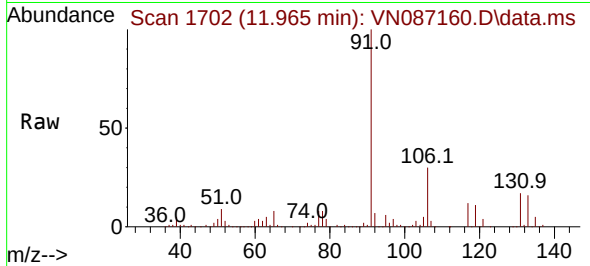
#67
Ethyl Benzene
Concen: 54.044 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 560344
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2

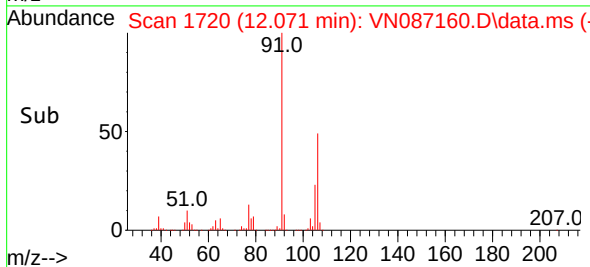
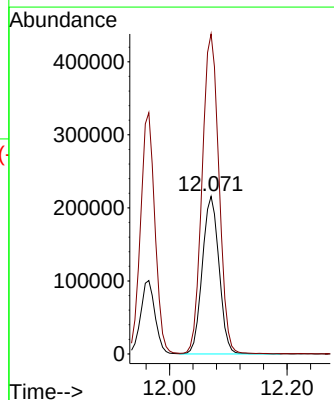
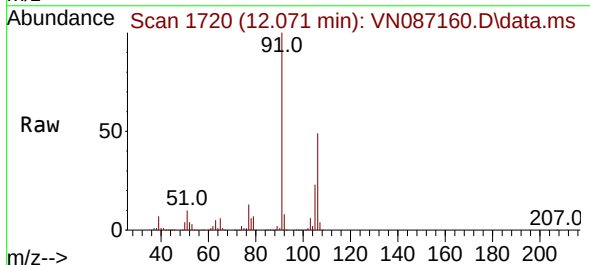
Manual Integrations
APPROVED

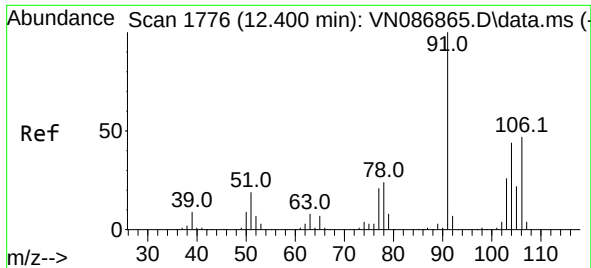
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#68
m/p-Xylenes
Concen: 107.026 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Tgt Ion:106 Resp: 424782
Ion Ratio Lower Upper
106 100
91 204.3 159.4 239.0





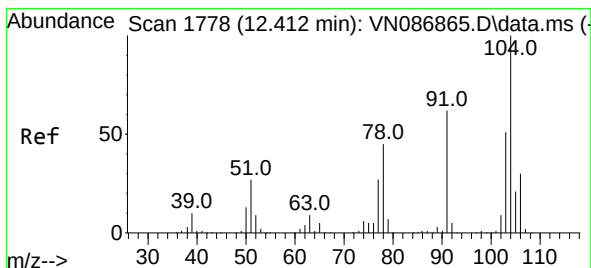
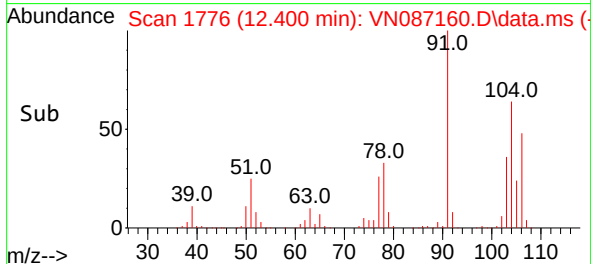
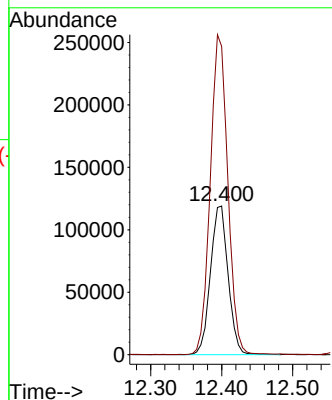
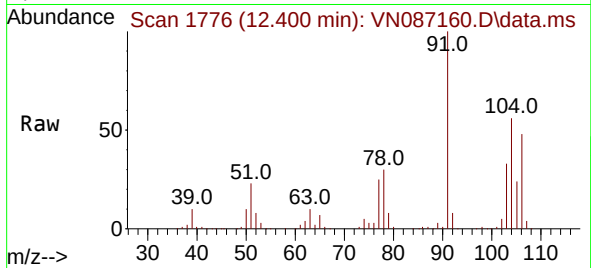
#69
o-Xylene
Concen: 54.061 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 20549
Ion Ratio Lower Upper
106 100
91 213.5 106.1 318.1

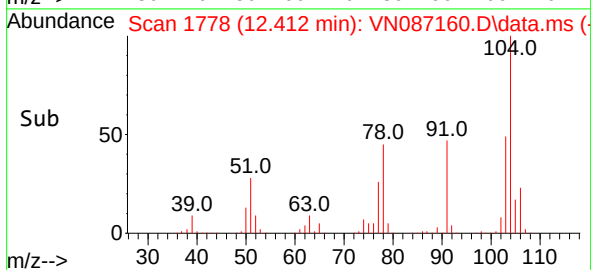
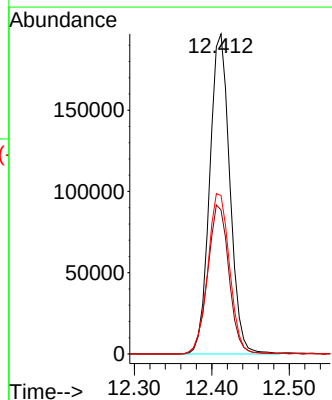
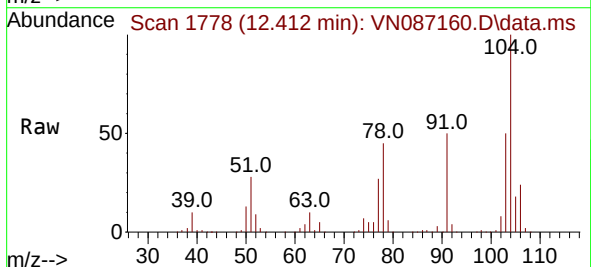
Manual Integrations
APPROVED

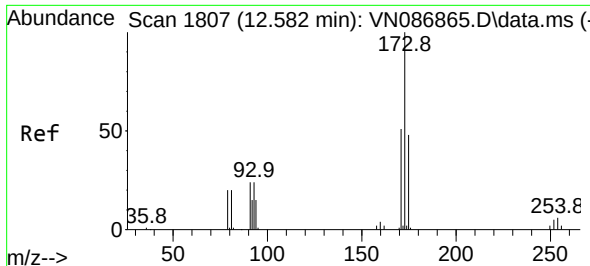
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#70
Styrene
Concen: 54.722 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

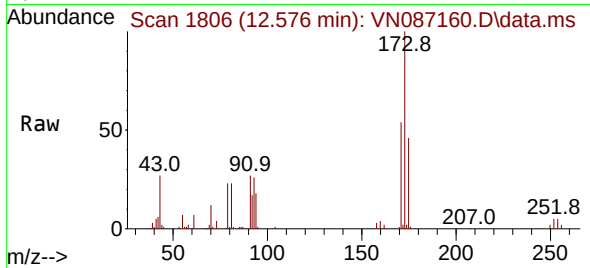
Tgt Ion:104 Resp: 355944
Ion Ratio Lower Upper
104 100
78 49.2 38.5 57.7
103 54.2 43.1 64.7





#71
Bromoform
Concen: 57.622 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

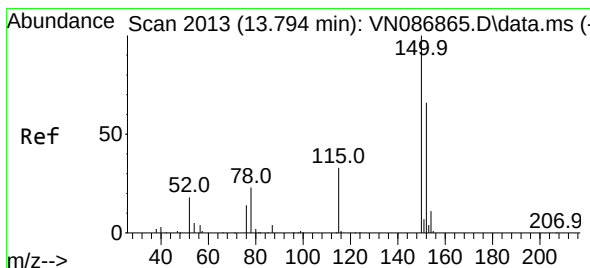
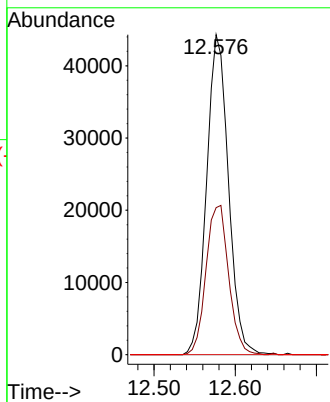
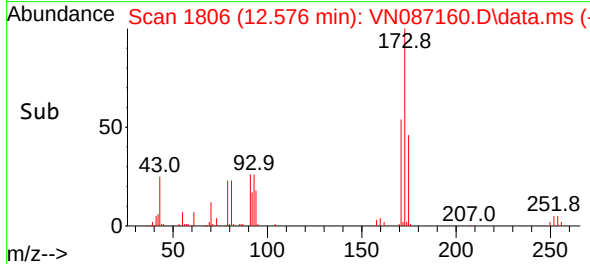
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



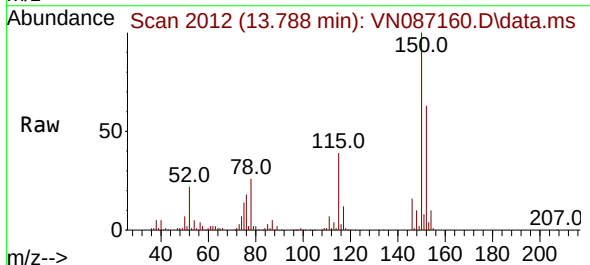
Tgt Ion:173 Resp: 8261
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

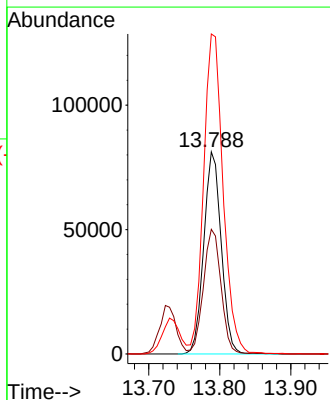
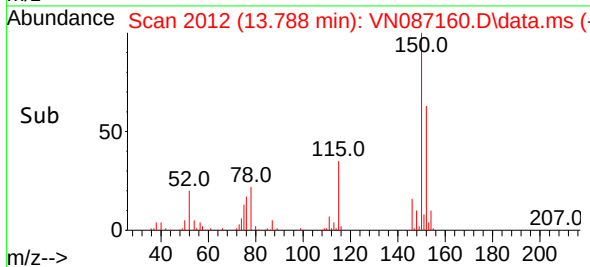
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

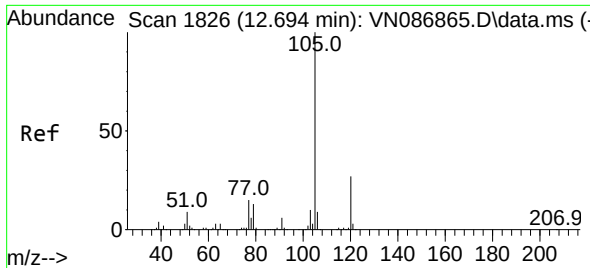


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32



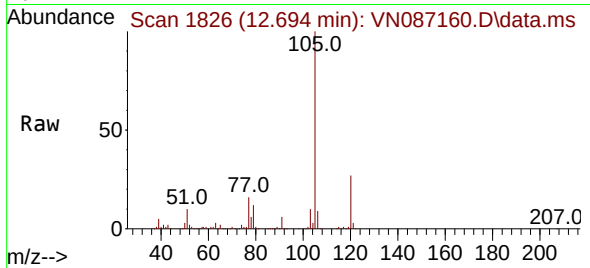
Tgt Ion:152 Resp: 138770
Ion Ratio Lower Upper
152 100
115 62.7 30.1 90.5
150 177.4 0.0 345.0





#73
Isopropylbenzene
Concen: 51.462 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

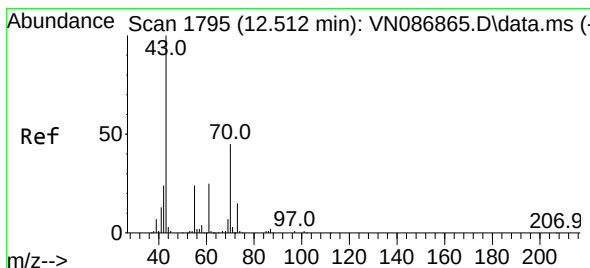
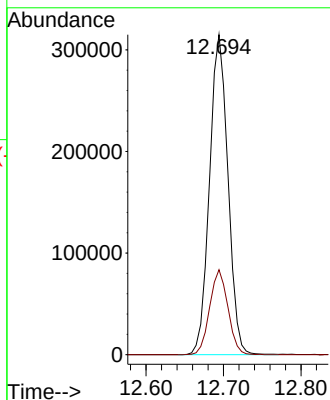
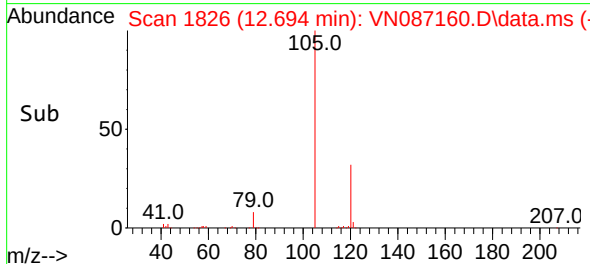
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 520259
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.4

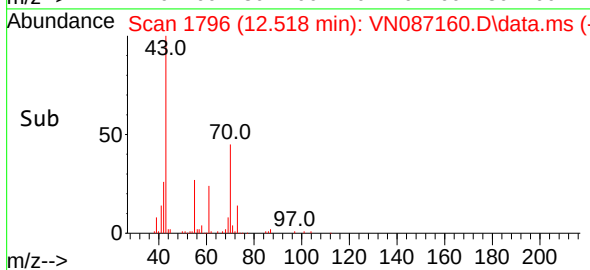
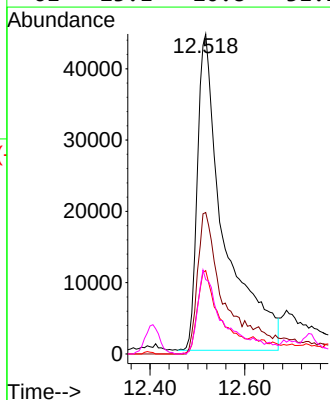
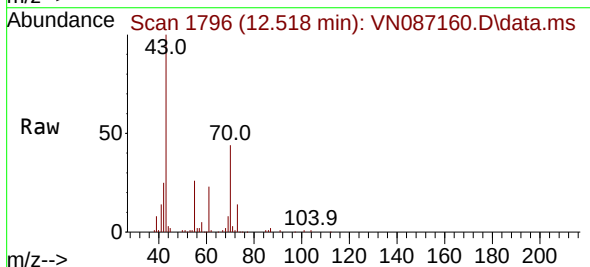
Manual Integrations
APPROVED

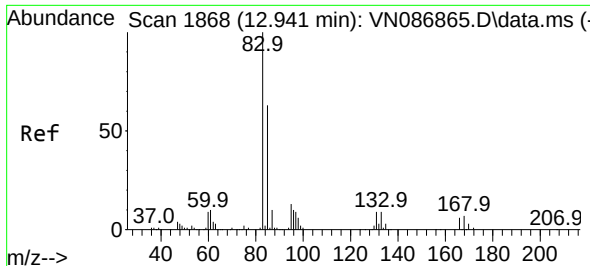
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#74
N-ethyl acetate
Concen: 49.341 ug/l
RT: 12.518 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

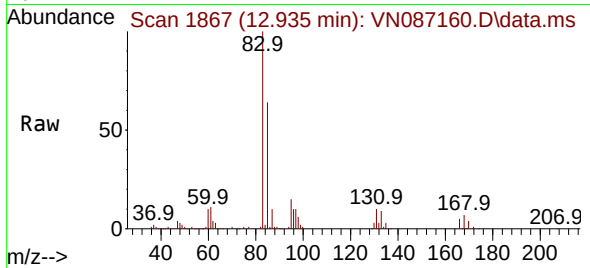
Tgt Ion: 43 Resp: 174307
Ion Ratio Lower Upper
43 100
70 45.5 37.6 56.4
55 22.5 19.0 28.6
61 23.1 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.954 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

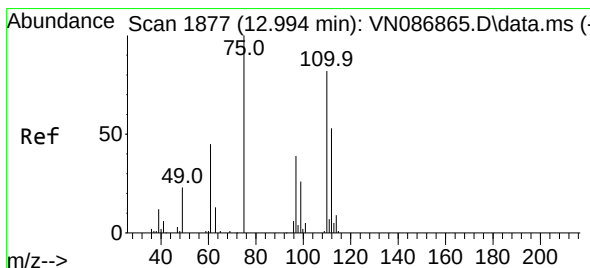
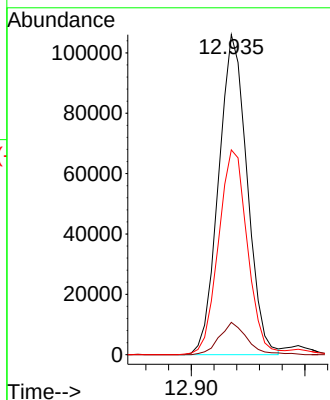
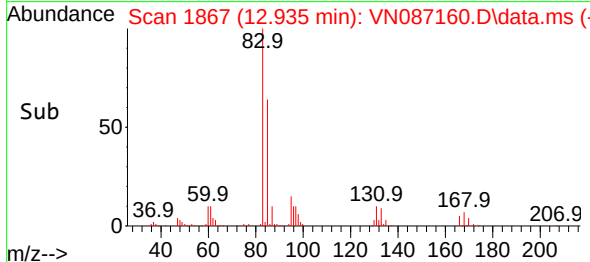
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 18478
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 65.0 32.0 96.0

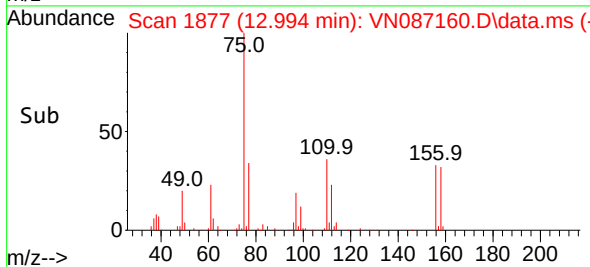
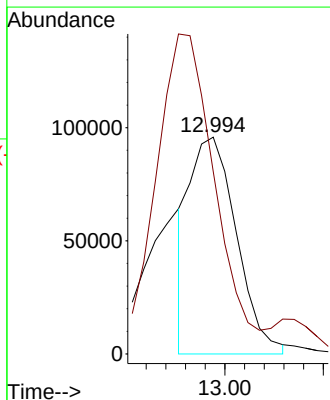
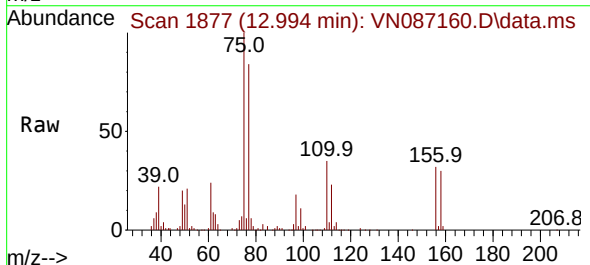
Manual Integrations
APPROVED

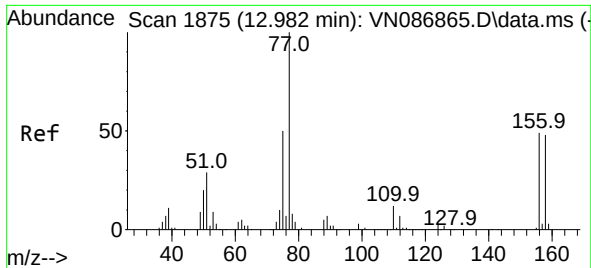
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#76
1,2,3-Trichloropropane
Concen: 47.931 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

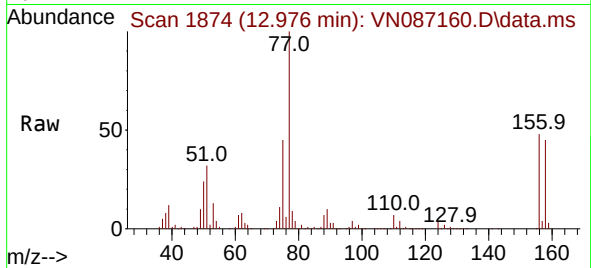
Tgt Ion: 75 Resp: 158107
Ion Ratio Lower Upper
75 100
77 186.6 79.3 237.9





#77
Bromobenzene
Concen: 52.973 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

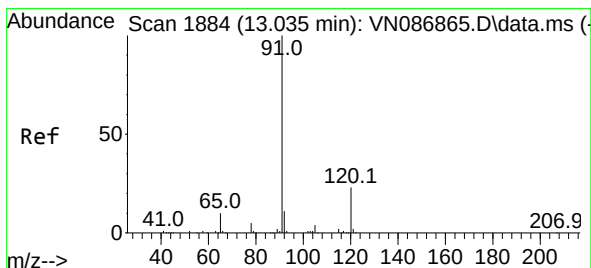
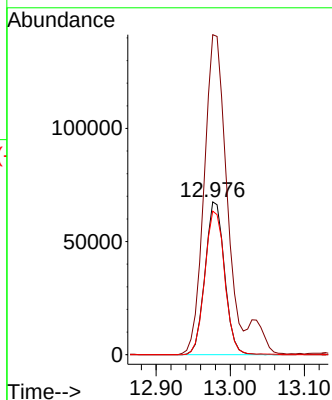
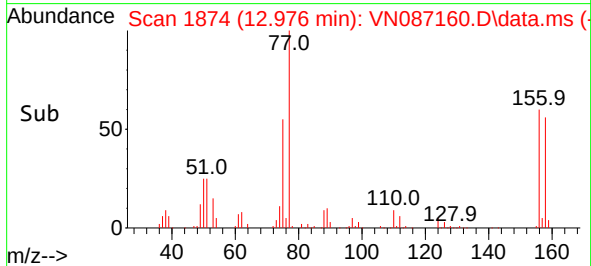
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



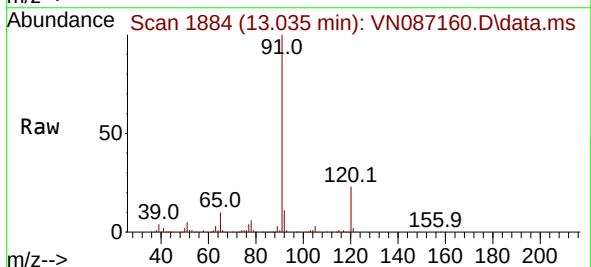
Tgt Ion:156 Resp: 122815
Ion Ratio Lower Upper
156 100
77 240.3 117.7 353.1
158 96.4 48.1 144.4

Manual Integrations
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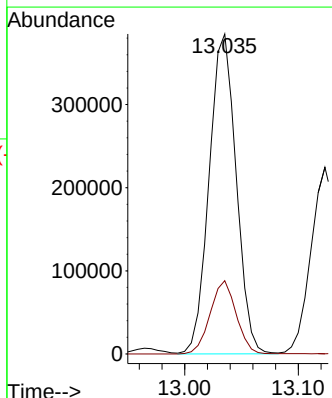
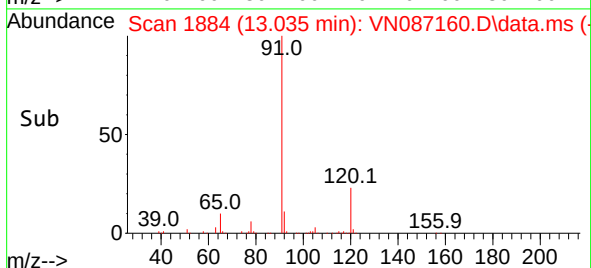
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

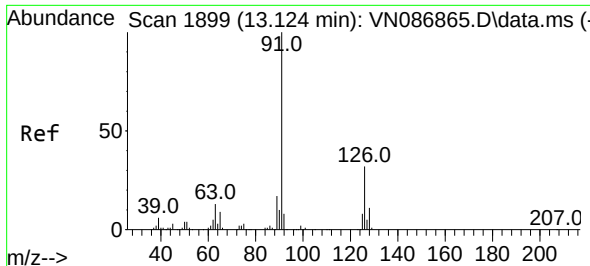


#78
n-propylbenzene
Concen: 51.831 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32



Tgt Ion: 91 Resp: 636780
Ion Ratio Lower Upper
91 100
120 22.0 11.4 34.2





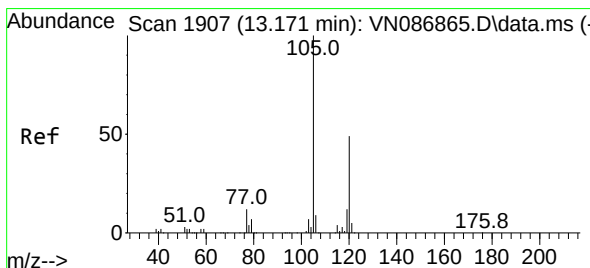
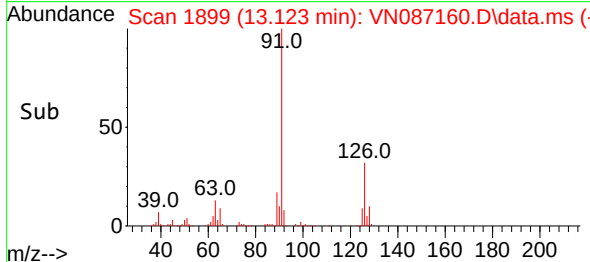
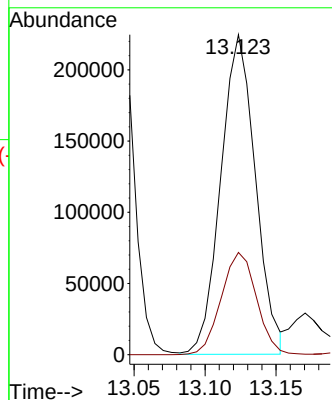
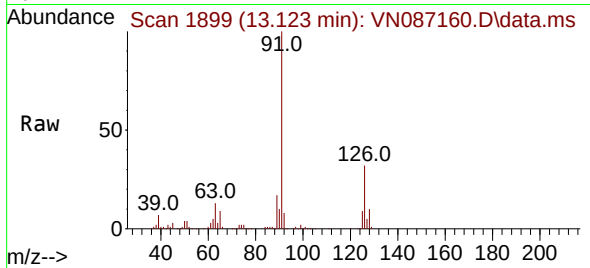
#79
2-Chlorotoluene
Concen: 51.745 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 38125
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.5

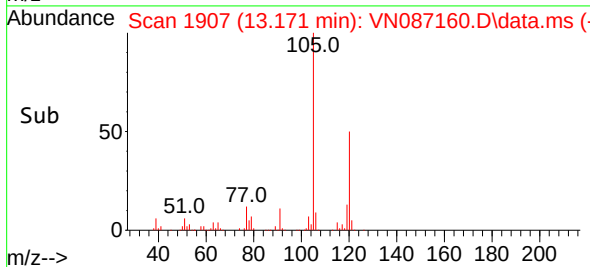
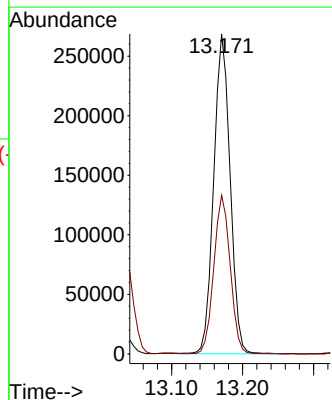
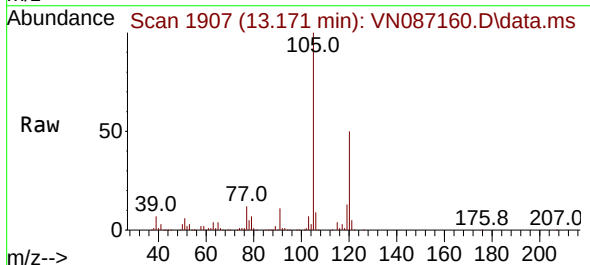
Manual Integrations
APPROVED

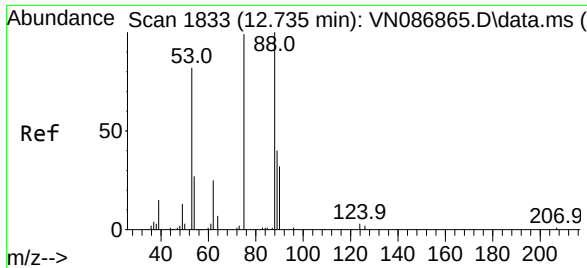
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.398 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

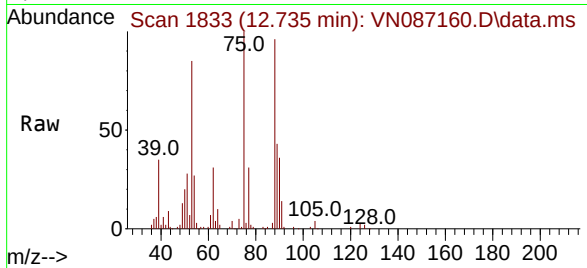
Tgt Ion:105 Resp: 429000
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.378 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

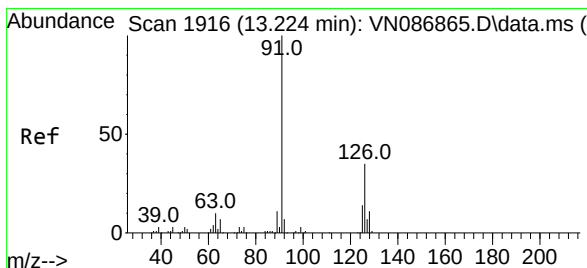
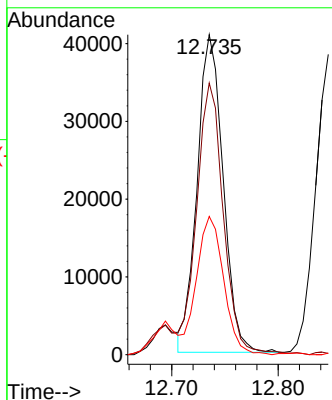
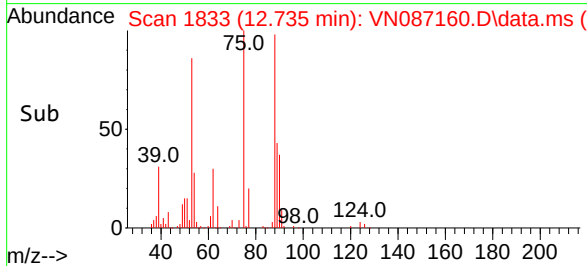
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 69324
Ion Ratio Lower Upper
75 100
53 88.2 66.6 99.8
89 45.9 36.7 55.1

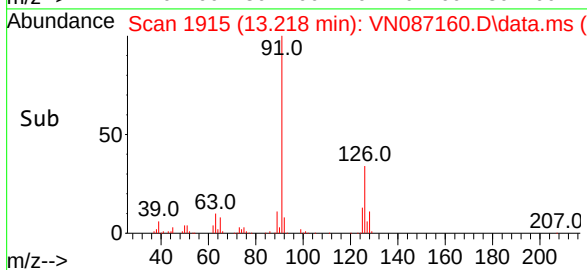
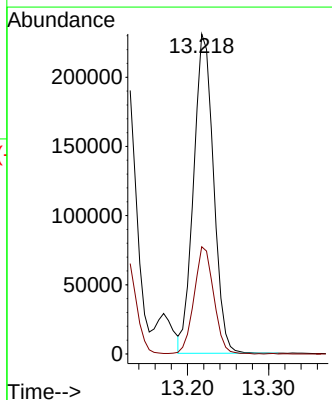
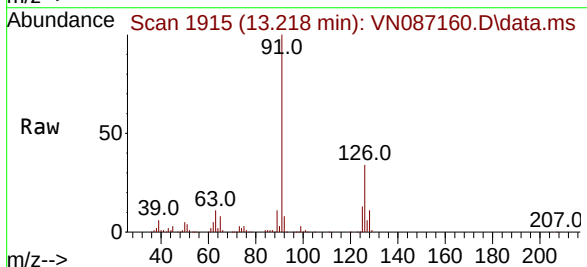
Manual Integrations
APPROVED

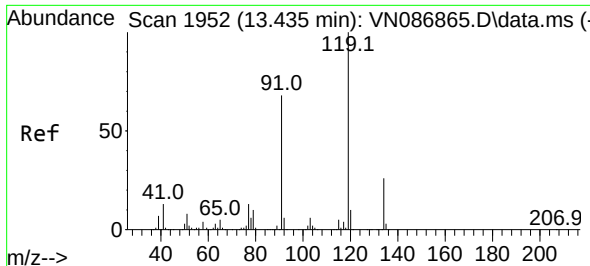
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#82
4-Chlorotoluene
Concen: 52.853 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

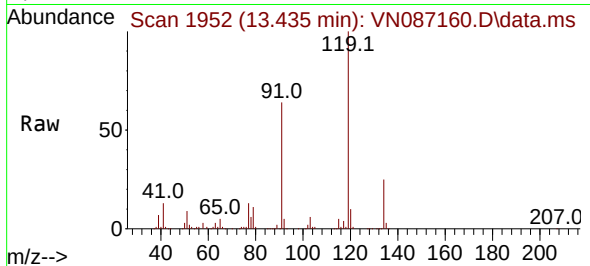
Tgt Ion: 91 Resp: 394024
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.1





#83
tert-Butylbenzene
Concen: 47.759 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

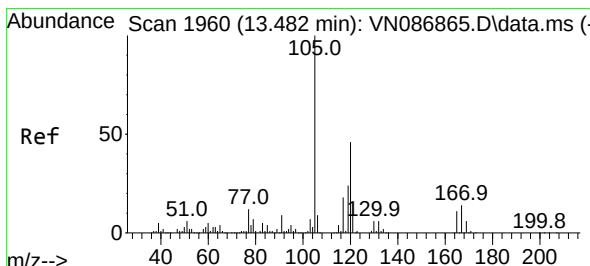
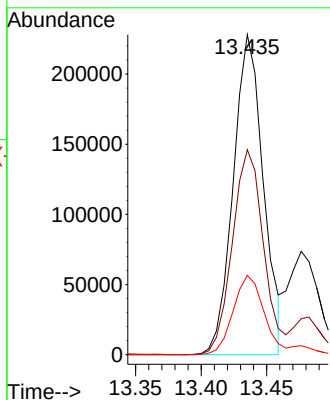
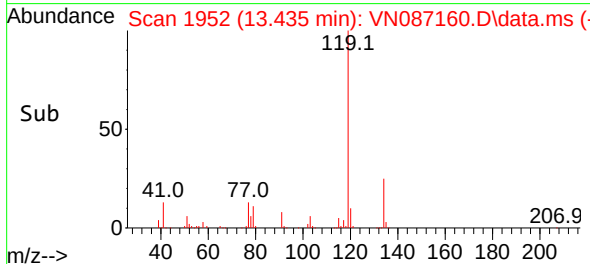
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



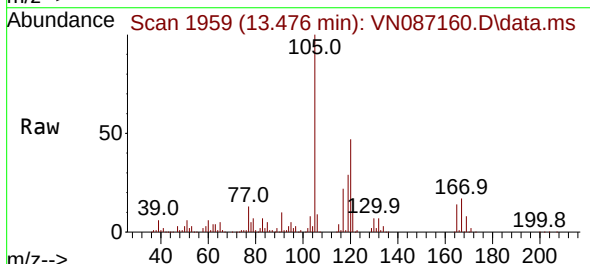
Tgt Ion:119 Resp: 364892
Ion Ratio Lower Upper
119 100
91 66.4 32.1 96.5
134 27.4 13.4 40.1

Manual Integrations
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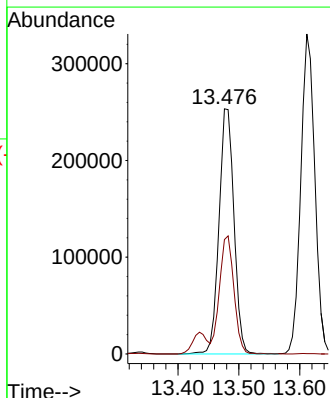
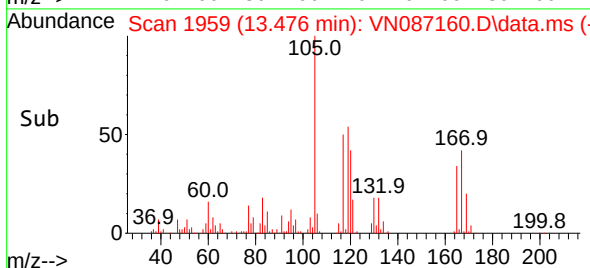
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

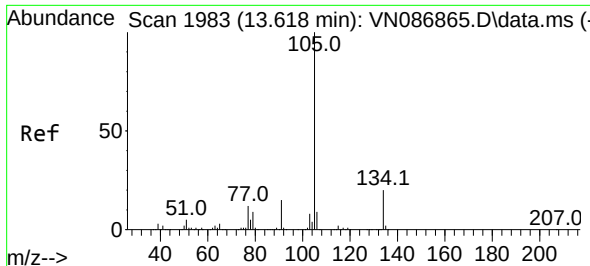


#84
1,2,4-Trimethylbenzene
Concen: 51.766 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32



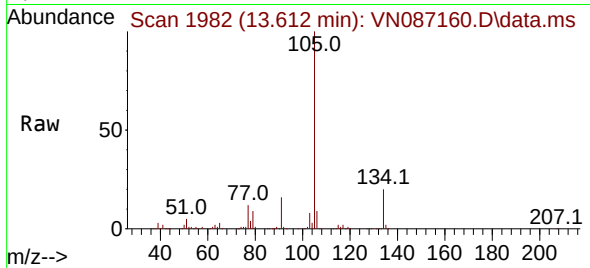
Tgt Ion:105 Resp: 433263
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 47.696 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087160.D
 Acq: 24 Jun 2025 16:32

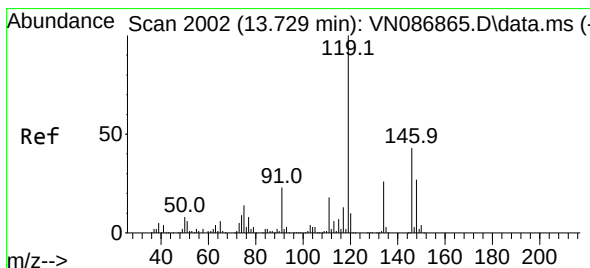
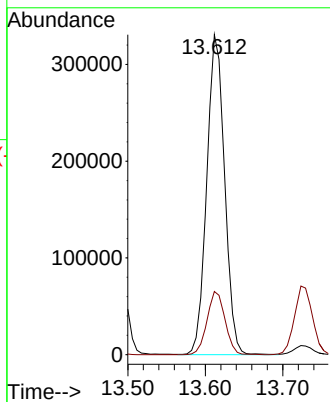
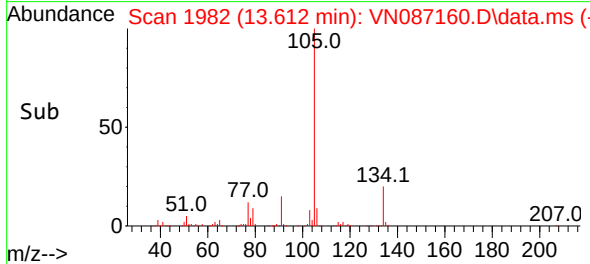
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



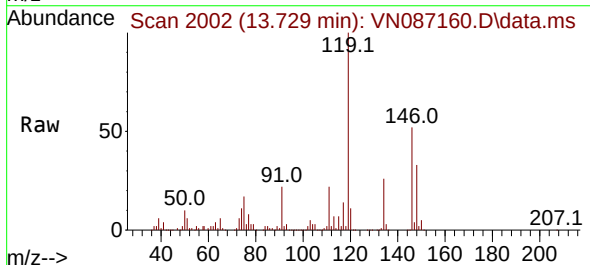
Tgt Ion:105 Resp: 529208
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 30.0

Manual Integrations
 APPROVED

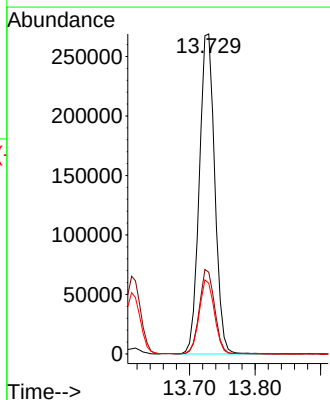
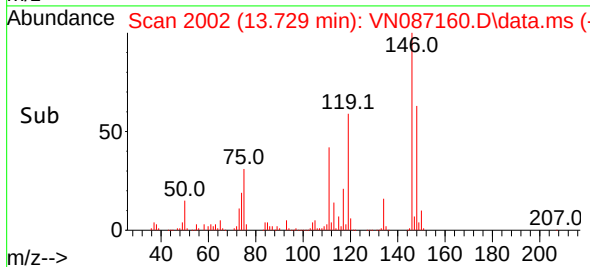
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/25/2025

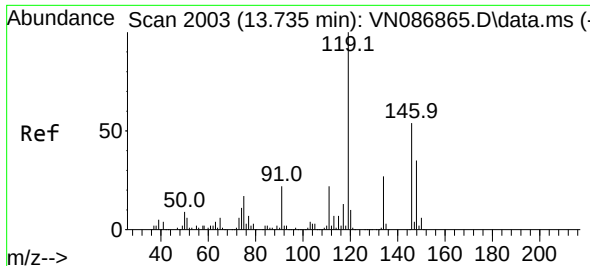


#86
 p-Isopropyltoluene
 Concen: 48.120 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087160.D
 Acq: 24 Jun 2025 16:32



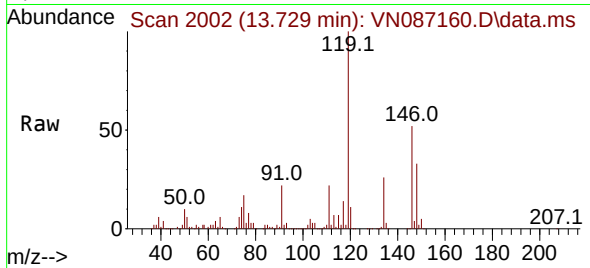
Tgt Ion:119 Resp: 441344
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.5 40.4
 91 23.1 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 52.754 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

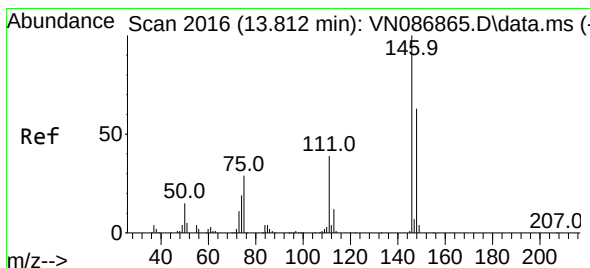
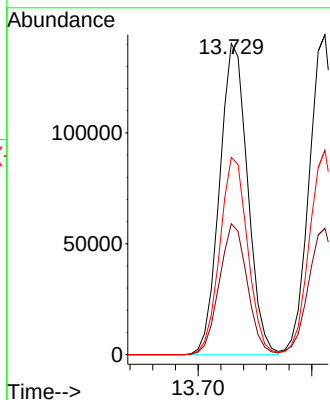
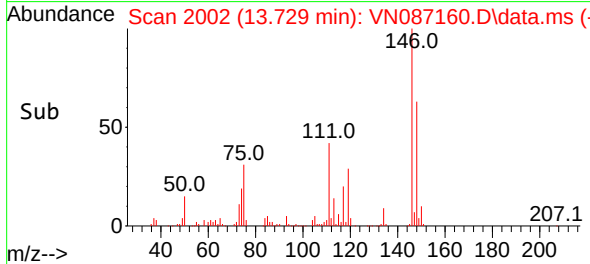
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 240638
Ion Ratio Lower Upper
146 100
111 41.9 20.9 62.8
148 63.0 32.0 96.2

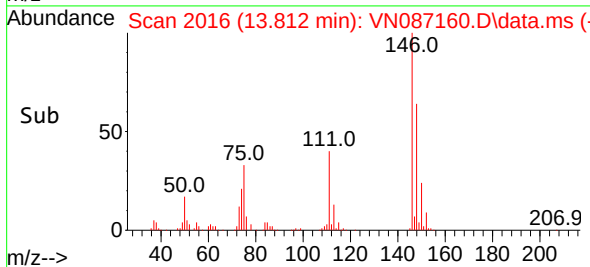
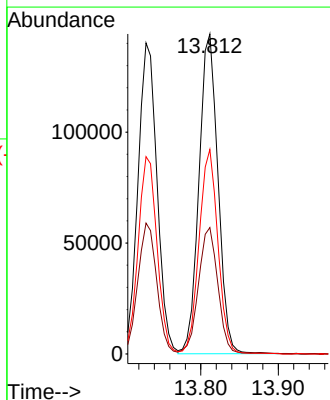
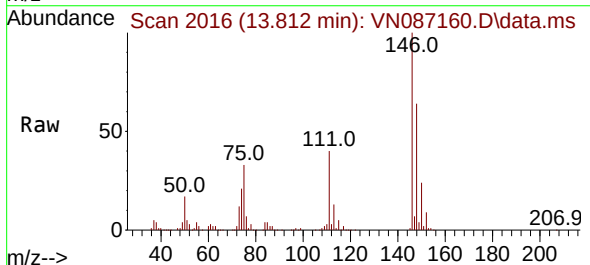
Manual Integrations
APPROVED

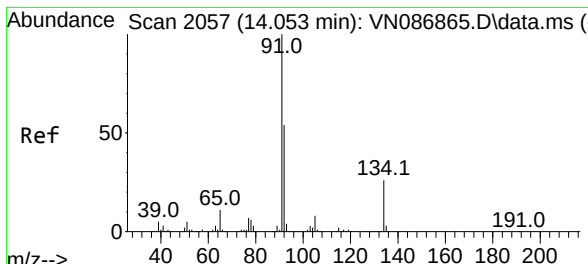
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#88
1,4-Dichlorobenzene
Concen: 52.706 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Tgt Ion:146 Resp: 245113
Ion Ratio Lower Upper
146 100
111 40.0 19.9 59.7
148 63.6 31.8 95.4





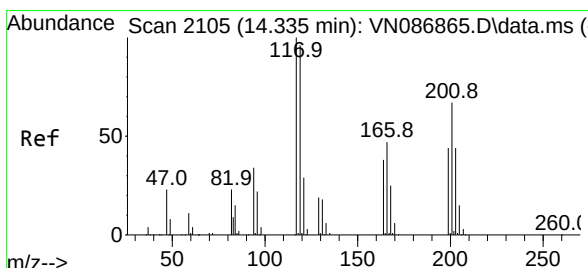
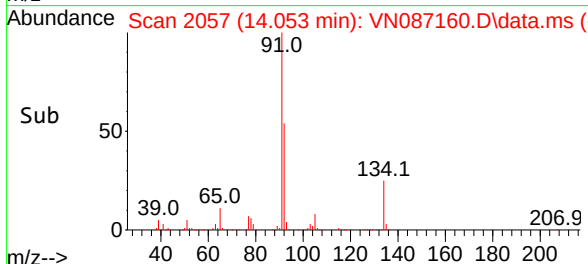
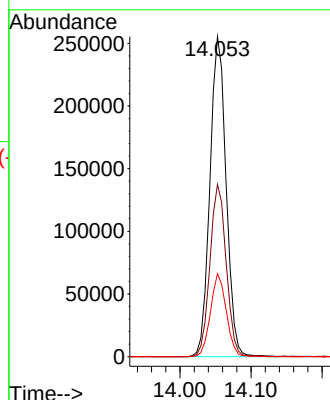
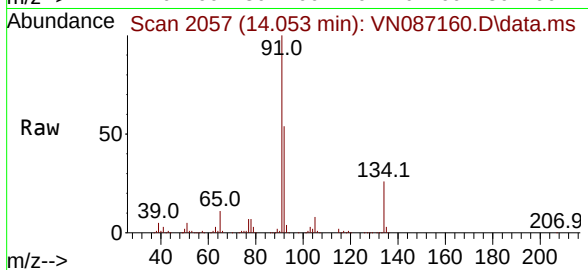
#89
n-Butylbenzene
Concen: 45.621 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 405290
Ion Ratio Lower Upper
91 100
92 53.9 27.5 82.4
134 25.2 13.0 39.0

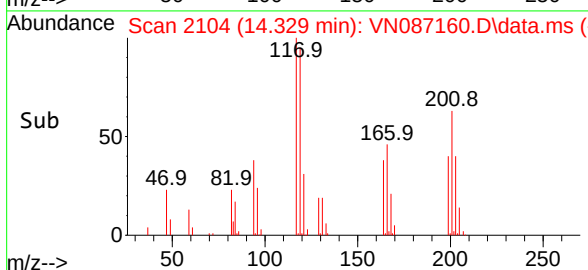
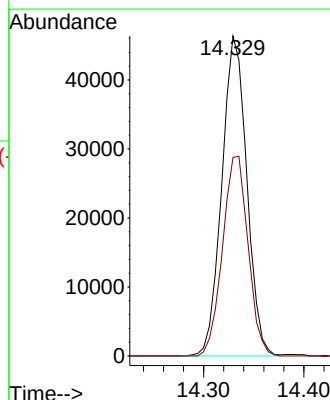
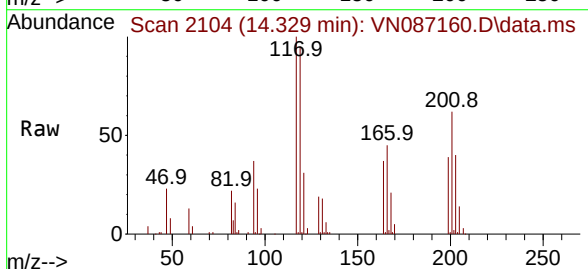
Manual Integrations
APPROVED

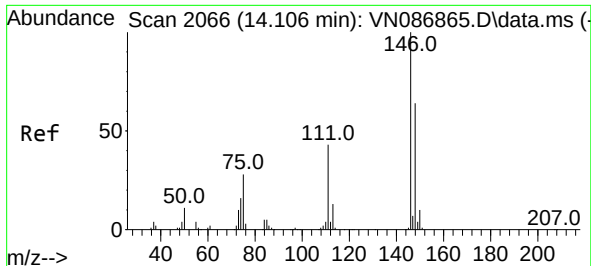
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#90
Hexachloroethane
Concen: 51.585 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Tgt Ion:117 Resp: 80197
Ion Ratio Lower Upper
117 100
201 63.9 33.2 99.6





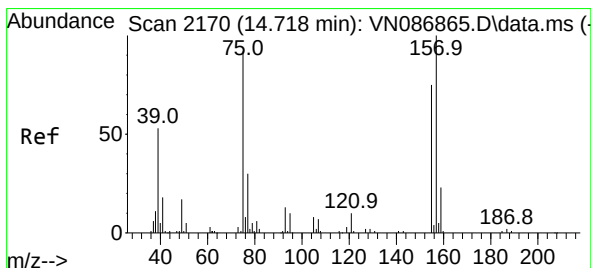
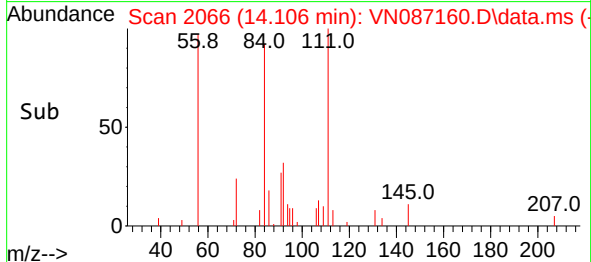
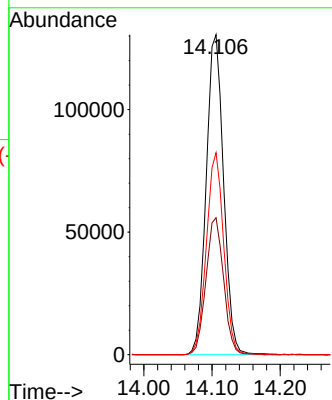
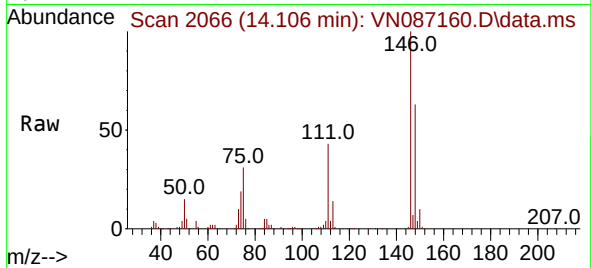
#91
1,2-Dichlorobenzene
Concen: 52.815 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 231459
Ion Ratio Lower Upper
146 100
111 43.5 21.6 64.6
148 62.8 31.7 95.1

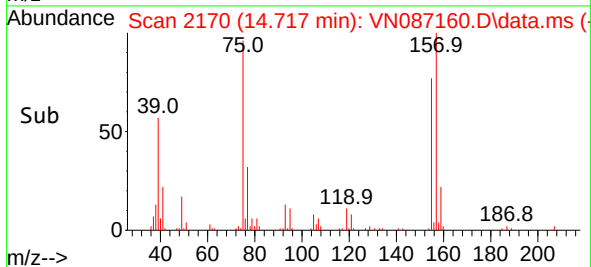
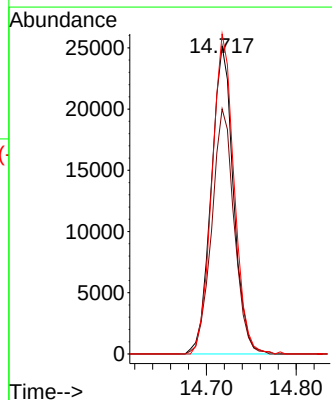
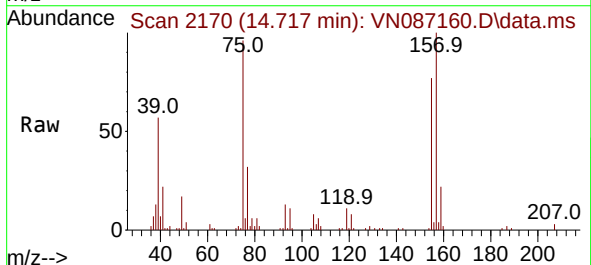
Manual Integrations
APPROVED

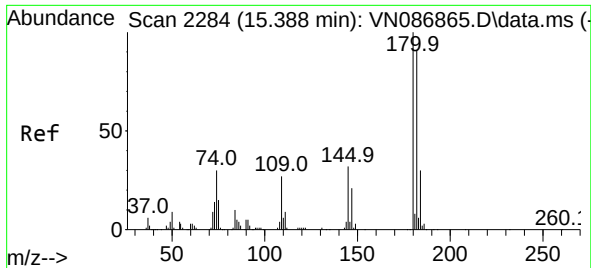
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.805 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

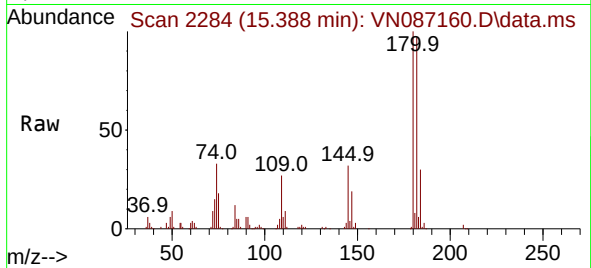
Tgt Ion: 75 Resp: 43251
Ion Ratio Lower Upper
75 100
155 80.3 41.1 123.4
157 103.4 52.7 158.1





#93
1,2,4-Trichlorobenzene
Concen: 47.206 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32

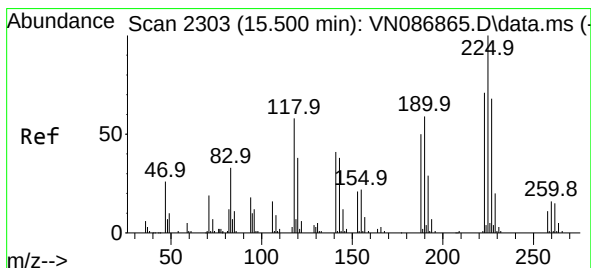
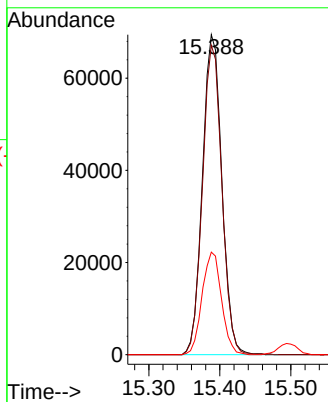
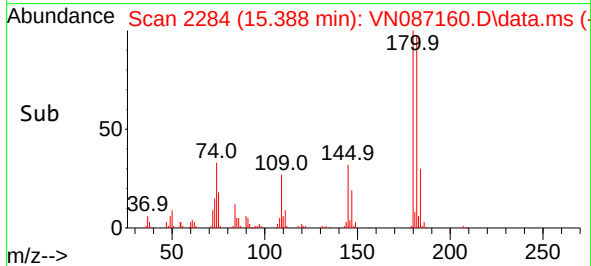
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



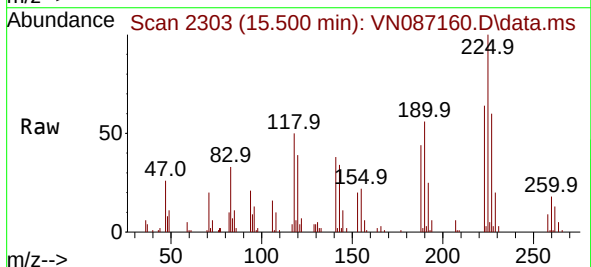
Tgt Ion:180 Resp: 13210
Ion Ratio Lower Upper
180 100
182 96.4 46.9 140.7
145 32.1 16.0 47.9

Manual Integrations
APPROVED

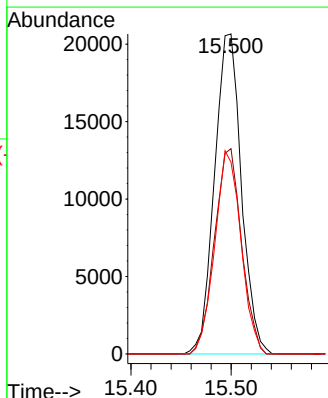
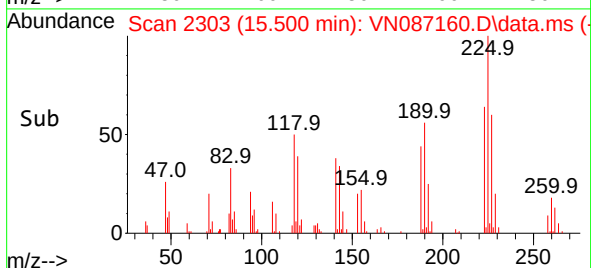
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

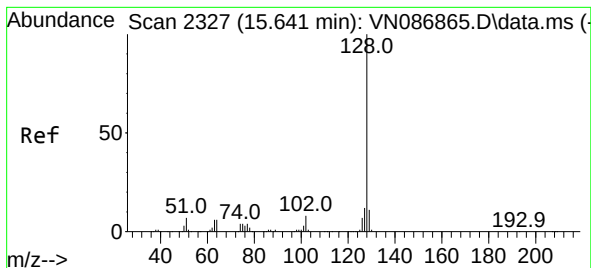


#94
Hexachlorobutadiene
Concen: 36.892 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087160.D
Acq: 24 Jun 2025 16:32



Tgt Ion:225 Resp: 38464
Ion Ratio Lower Upper
225 100
223 64.6 33.5 100.4
227 61.9 31.1 93.5





#95

Naphthalene

Concen: 50.524 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN087160.D

Acq: 24 Jun 2025 16:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

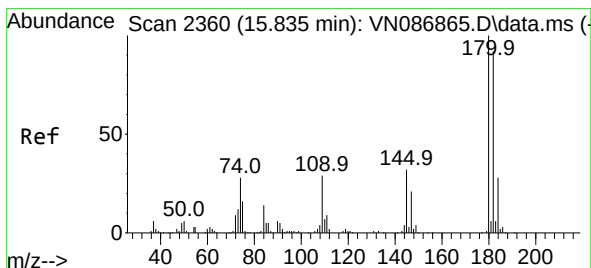
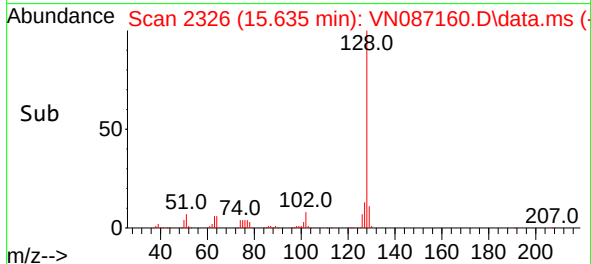
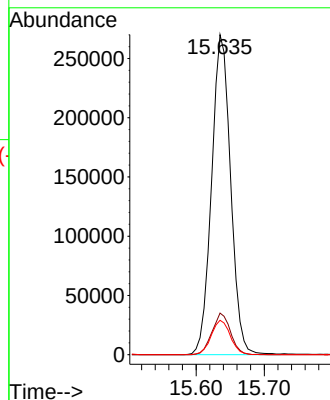
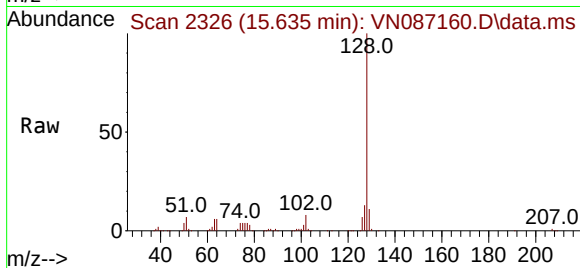
Tgt Ion:	128	Resp:	52627
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/25/2025



#96

1,2,3-Trichlorobenzene

Concen: 46.336 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN087160.D

Acq: 24 Jun 2025 16:32

Tgt Ion:	180	Resp:	128834
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.0	141.0
145	33.5	16.6	49.8

