

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086521.D
 Acq On : 06 May 2025 17:48
 Operator : JC\MD
 Sample : Q1914-09ME
 Misc : 8.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-8ME

Quant Time: May 07 02:57:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	202938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	380050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	349216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	134777	45.799	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.600%
35) Dibromofluoromethane	8.165	113	96495	54.707	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.420%
50) Toluene-d8	10.565	98	496637	52.683	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.360%
62) 4-Bromofluorobenzene	12.847	95	181138	52.681	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.360%

Target Compounds						Qvalue
3) Chloromethane	2.359	50	3211	0.918	ug/l #	86
6) Chloroethane	2.989	64	467	0.209	ug/l #	42
10) Methyl Iodide	4.577	142	1960	0.797	ug/l #	90
13) Acrolein	4.171	56	55	Below Cal	#	68
16) Acetone	4.448	43	1897	Below Cal	#	81
18) Methyl Acetate	5.036	43	8945	2.532	ug/l	95
20) Methylene Chloride	5.253	84	2503	0.920	ug/l #	73
25) 2-Butanone	7.494	43	1099	0.600	ug/l #	48
31) Cyclohexane	8.247	56	46558	9.763	ug/l	97
36) 1,1-Dichloropropene	8.218	75	16161	4.587	ug/l #	53
38) Carbon Tetrachloride	8.212	117	22018	6.563	ug/l #	17
39) Methylcyclohexane	9.594	83	222725	53.188	ug/l	98
40) Benzene	8.600	78	20484	1.815	ug/l	99
41) Methacrylonitrile	7.765	41	648	0.301	ug/l #	45
43) Isopropyl Acetate	8.694	43	6251	Below Cal	#	55
45) 1,2-Dichloropropane	9.588	63	2190	0.793	ug/l #	1
47) Bromodichloromethane	9.765	83	3234	0.851	ug/l #	24
48) Methyl methacrylate	9.594	41	104727	32.153	ug/l #	79
51) 4-Methyl-2-Pentanone	10.335	43	107400	28.278	ug/l #	42
52) Toluene	10.624	92	248064	35.221	ug/l	99
55) 1,1,2-Trichloroethane	11.000	97	145007	57.223	ug/l #	21
56) Ethyl methacrylate	10.859	69	18090	3.884	ug/l #	85
59) 2-Hexanone	11.165	43	104105	36.954	ug/l #	29
66) 1,1,1,2-Tetrachloroethane	11.906	131	1204	0.468	ug/l #	8
67) Ethyl Benzene	11.959	91	1193226	84.847	ug/l	98
68) m/p-Xylenes	12.065	106	1669102	316.751	ug/l	94
69) o-Xylene	12.394	106	924644	177.435	ug/l	99
70) Styrene	12.394	104	45740	5.268	ug/l #	1
71) Bromoform	12.594	173	3133	1.619	ug/l #	38
73) Isopropylbenzene	12.694	105	398999	29.143	ug/l	98
74) N-amyl acetate	12.482	43	220547	32.359	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.929	83	22615	5.745	ug/l #	27
76) 1,2,3-Trichloropropane	13.029	75	8278	2.096	ug/l #	1
78) n-propylbenzene	13.035	91	1412818	87.574	ug/l	94
79) 2-Chlorotoluene	13.094	91	490428	48.581	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.171	105	1689446	150.768	ug/l	99

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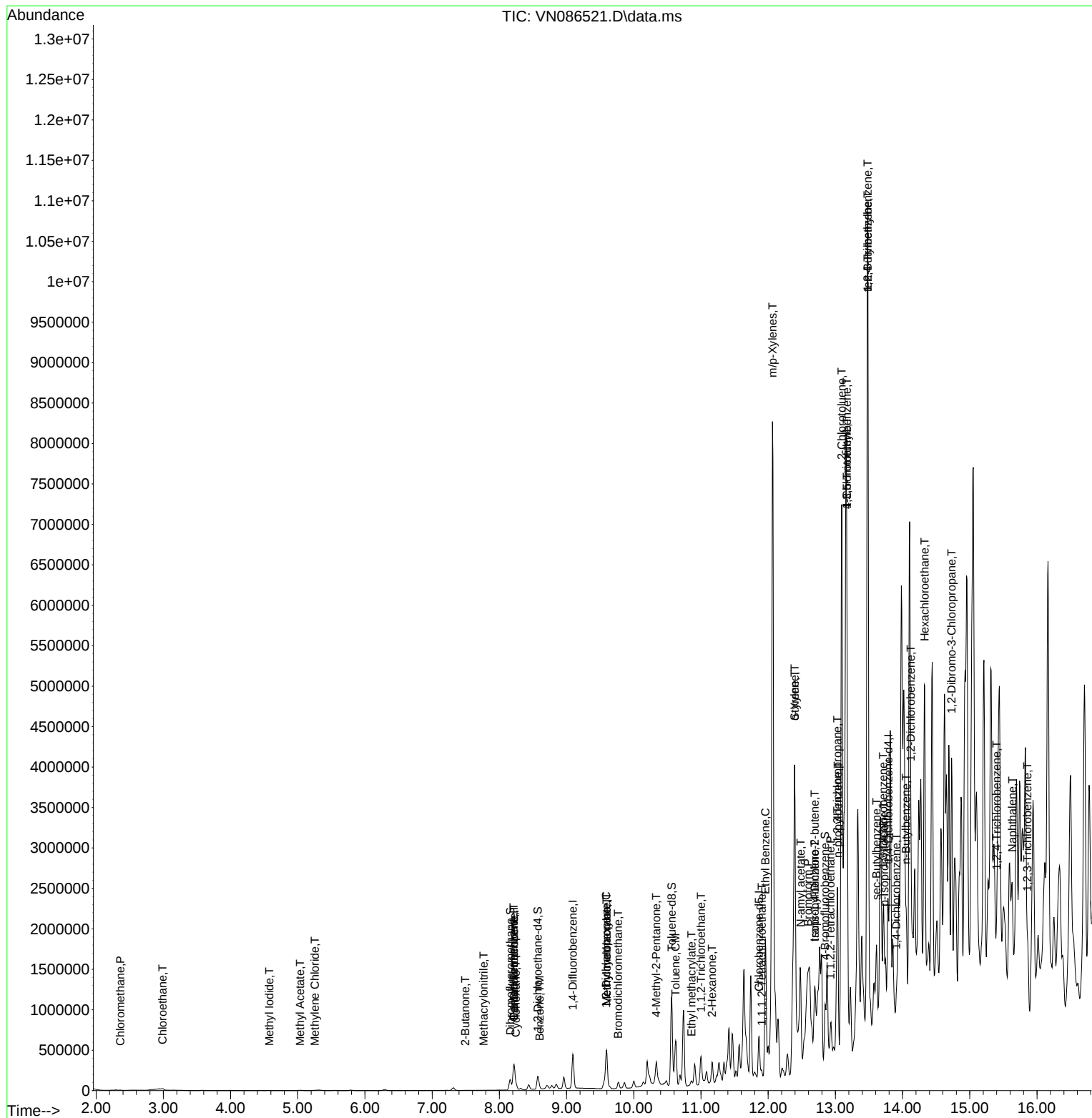
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.694	75	4822	2.932	ug/l #	61
82) 4-Chlorotoluene	13.171	91	182590	18.208	ug/l #	42
83) tert-Butylbenzene	13.482	119	794327	81.810	ug/l #	78
84) 1,2,4-Trimethylbenzene	13.482	105	6179823	541.792	ug/l	97
85) sec-Butylbenzene	13.612	105	518186	38.477	ug/l	83
86) p-Isopropyltoluene	13.729	119	307625	27.712	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	8989	1.576	ug/l #	1
88) 1,4-Dichlorobenzene	13.906	146	8759	1.525	ug/l #	24
89) n-Butylbenzene	14.053	91	705374	71.689	ug/l #	83
90) Hexachloroethane	14.329	117	183985	98.536	ug/l #	19
91) 1,2-Dichlorobenzene	14.123	146	5762	1.042	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.729	75	6505	8.195	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.400	180	3148	1.189	ug/l #	13
95) Naphthalene	15.635	128	704817	75.102	ug/l	95
96) 1,2,3-Trichlorobenzene	15.859	180	14468	5.772	ug/l #	12

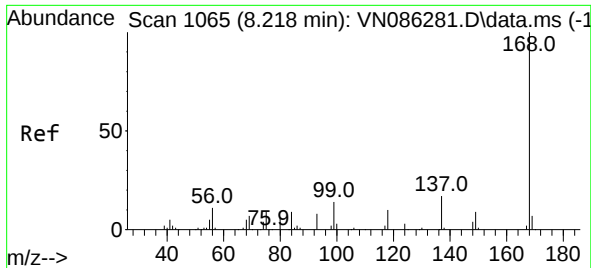
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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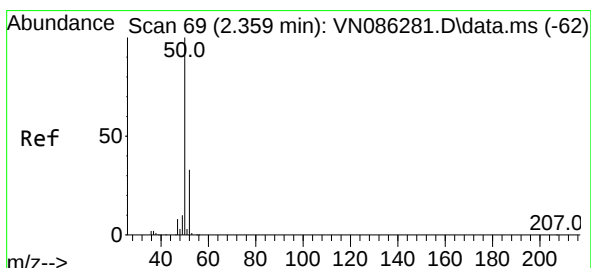
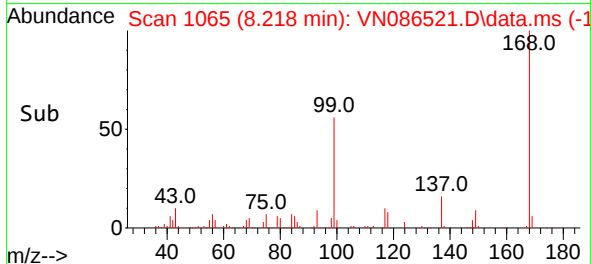
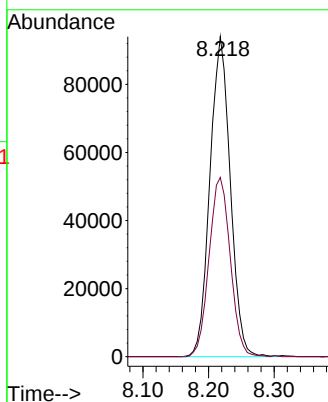
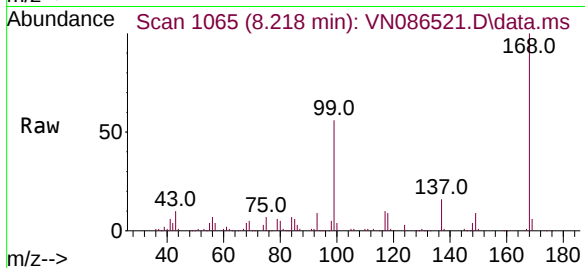




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

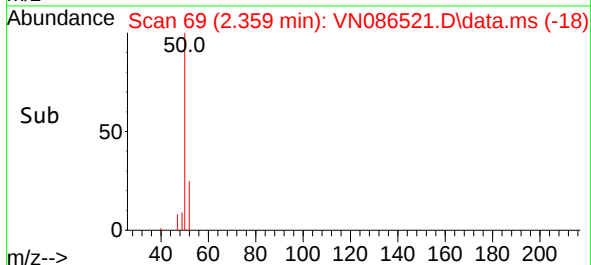
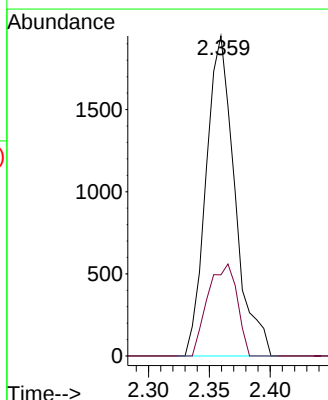
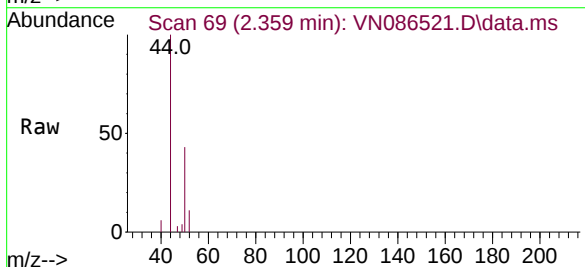
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

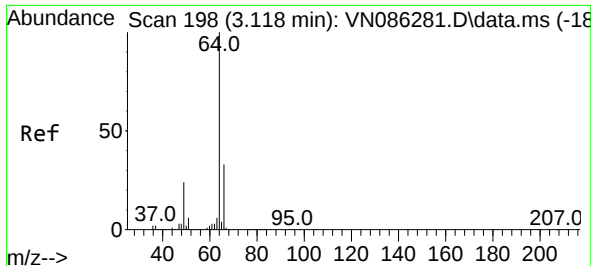
Tgt Ion:168 Resp: 202938
Ion Ratio Lower Upper
168 100
99 56.0 52.5 78.7



#3
Chloromethane
Concen: 0.918 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 50 Resp: 3211
Ion Ratio Lower Upper
50 100
52 25.4 26.5 39.7#

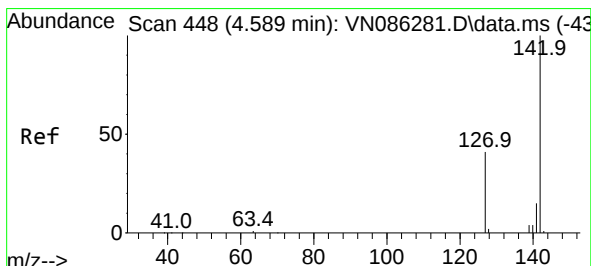
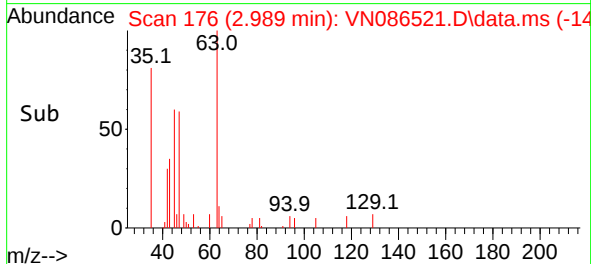
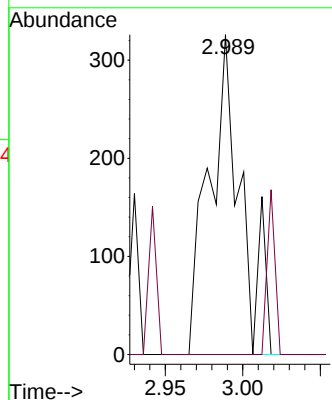
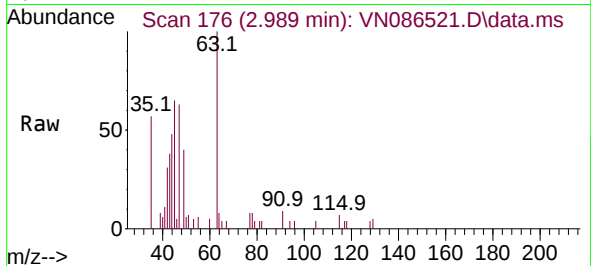




#6
Chloroethane
Concen: 0.209 ug/l
RT: 2.989 min Scan# 11
Delta R.T. -0.129 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

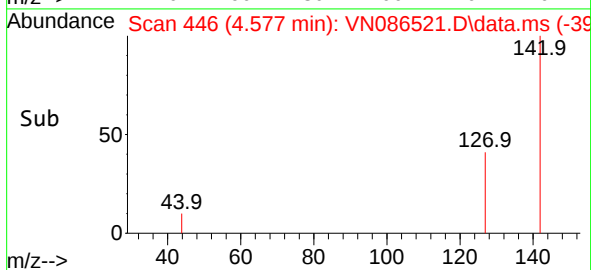
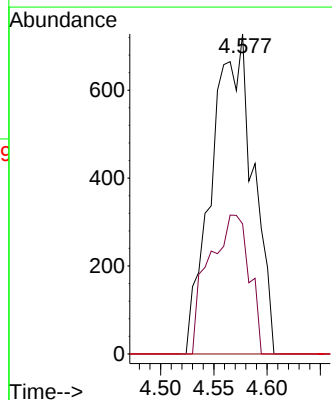
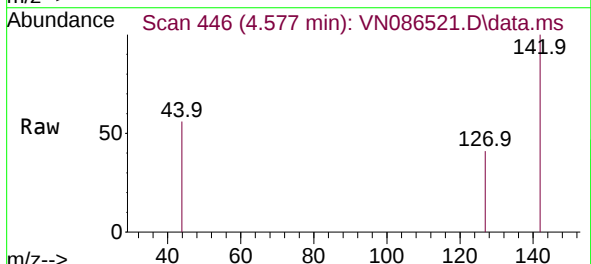
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

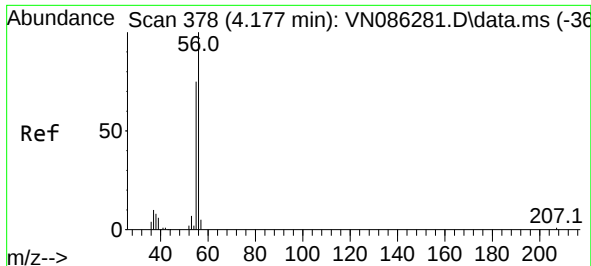
Tgt Ion: 64 Resp: 467
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.2#



#10
Methyl Iodide
Concen: 0.797 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.012 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 142 Resp: 1960
Ion Ratio Lower Upper
142 100
127 40.7 32.7 49.1
141 0.0 11.7 17.5#

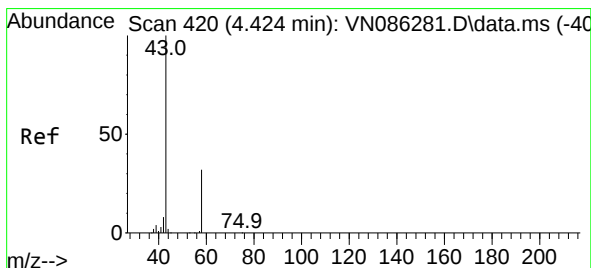
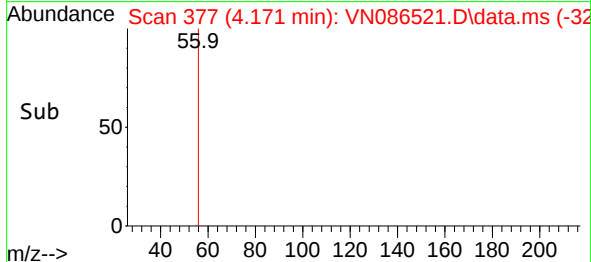
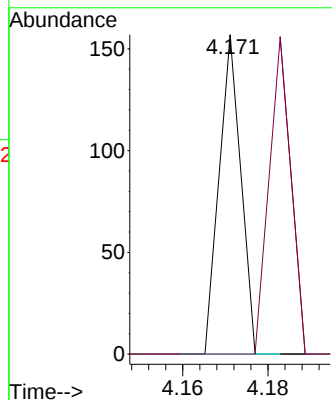
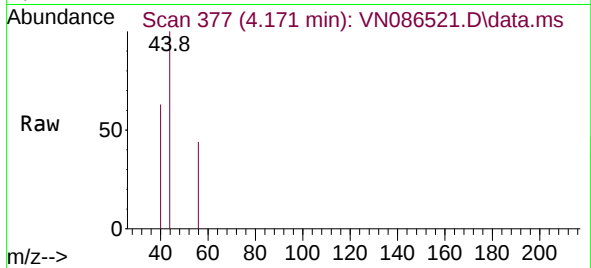




#13
Acrolein
Concen: Below Cal
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

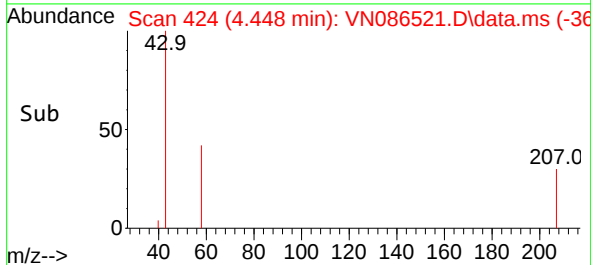
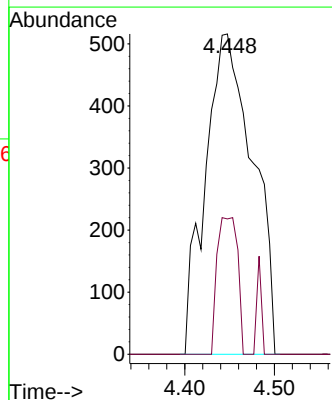
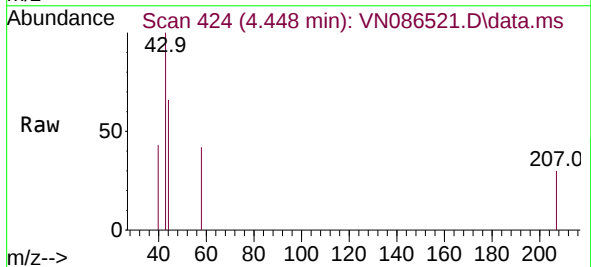
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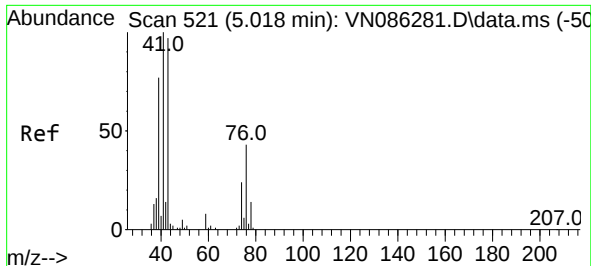
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 100.0 58.5 87.7#



#16
Acetone
Concen: Below Cal
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 43 Resp: 1897
Ion Ratio Lower Upper
43 100
58 42.2 25.3 37.9#

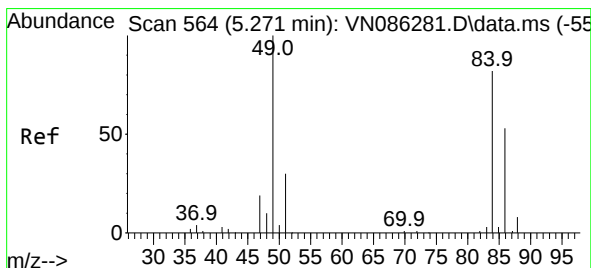
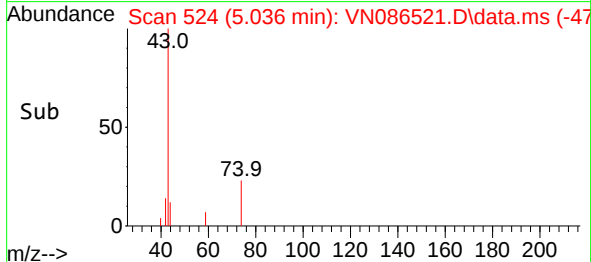
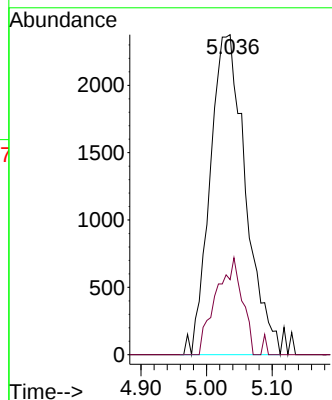
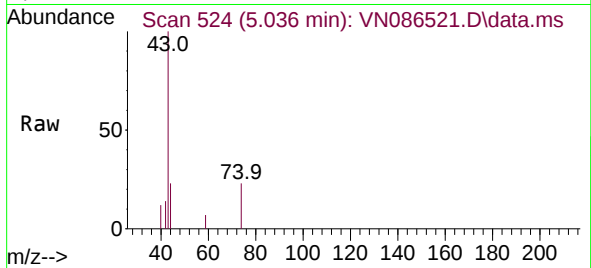




#18
Methyl Acetate
Concen: 2.532 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

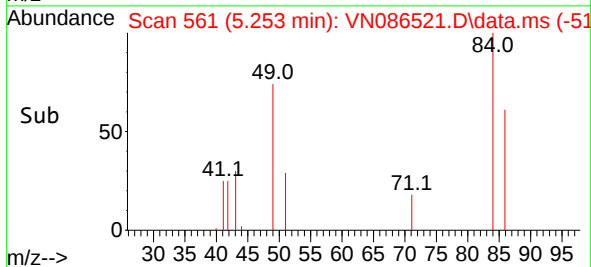
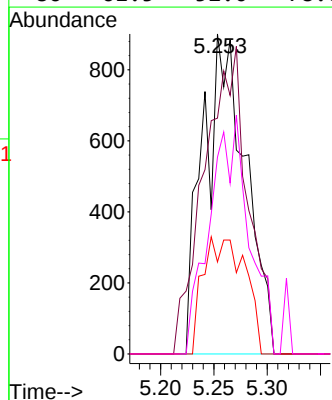
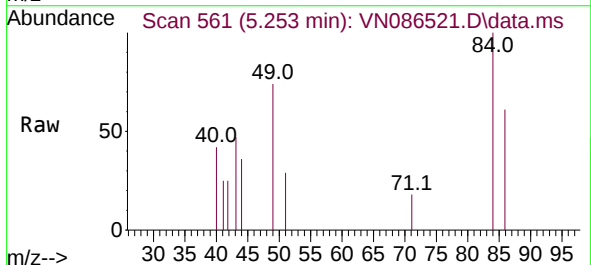
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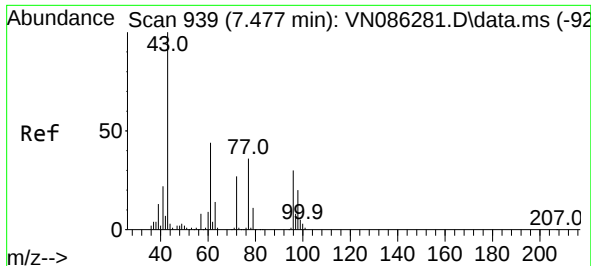
Tgt Ion: 43 Resp: 8945
Ion Ratio Lower Upper
43 100
74 22.2 19.8 29.6



#20
Methylene Chloride
Concen: 0.920 ug/l
RT: 5.253 min Scan# 561
Delta R.T. -0.018 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 84 Resp: 2503
Ion Ratio Lower Upper
84 100
49 73.7 98.2 147.2#
51 28.7 29.8 44.6#
86 61.5 52.0 78.0

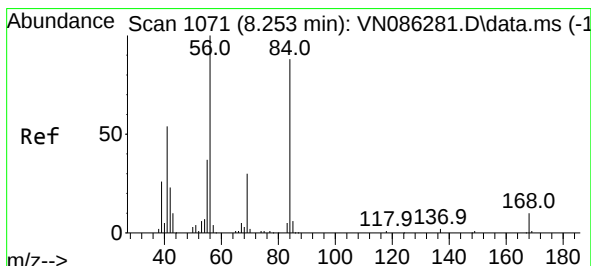
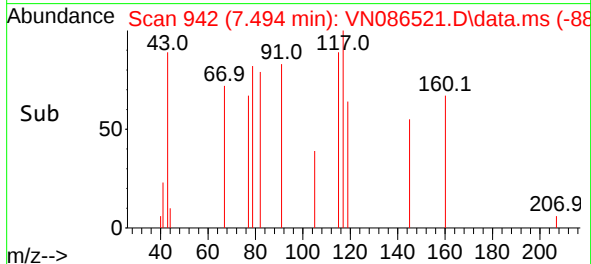
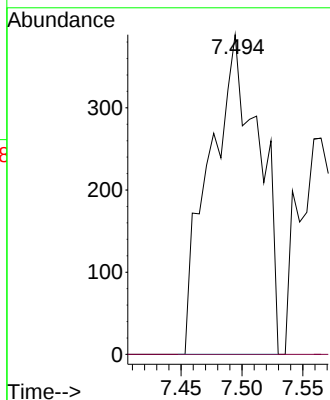
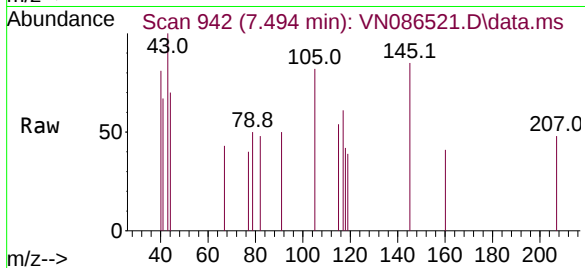




#25
2-Butanone
Concen: 0.600 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

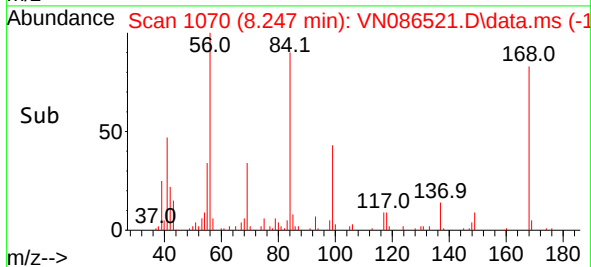
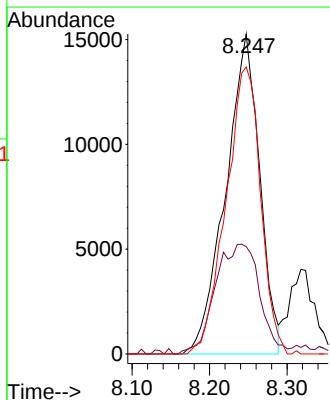
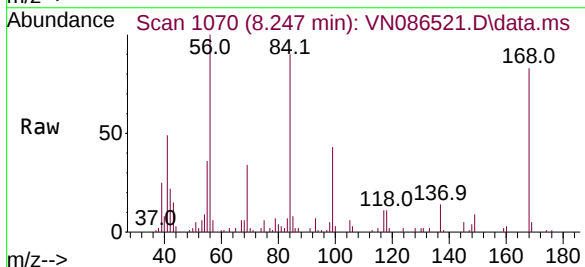
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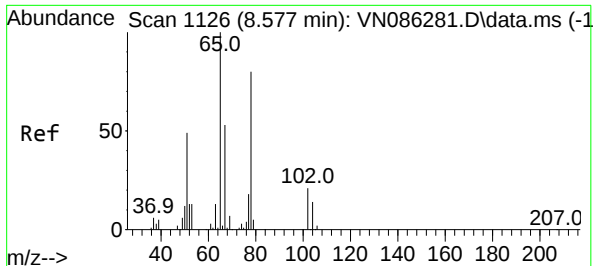
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Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#31
Cyclohexane
Concen: 9.763 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 56 Resp: 46558
Ion Ratio Lower Upper
56 100
69 33.6 24.2 36.2
84 89.7 70.3 105.5





#33

1,2-Dichloroethane-d4

Concen: 45.799 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

Instrument :

MSVOA_N

ClientSampleId :

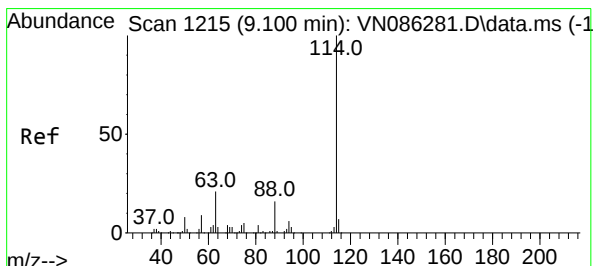
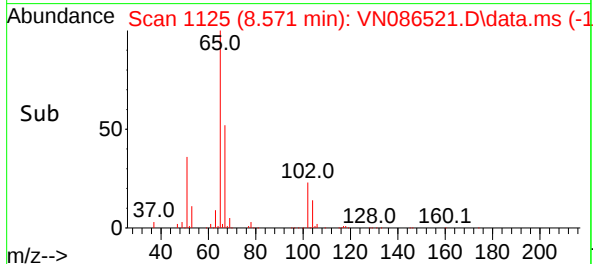
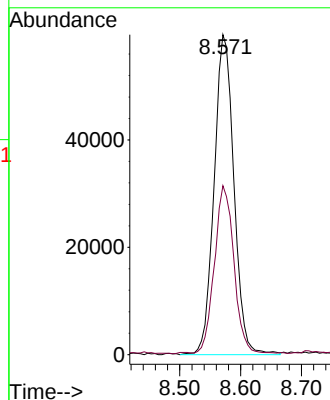
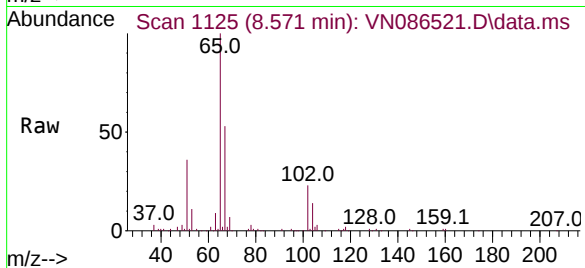
SS-8ME

Tgt Ion: 65 Resp: 134777

Ion Ratio Lower Upper

65 100

67 51.0 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

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Acq: 06 May 2025 17:48

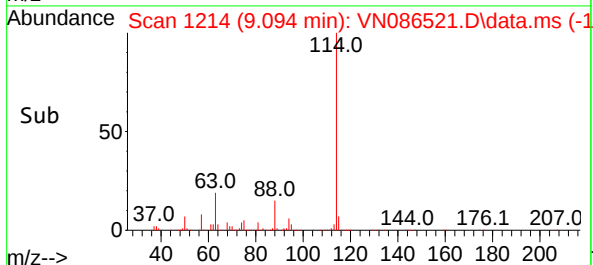
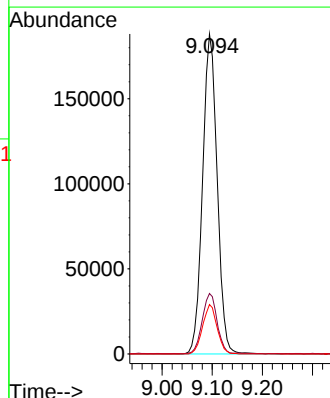
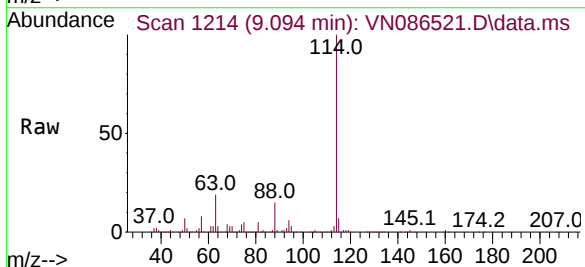
Tgt Ion: 114 Resp: 380050

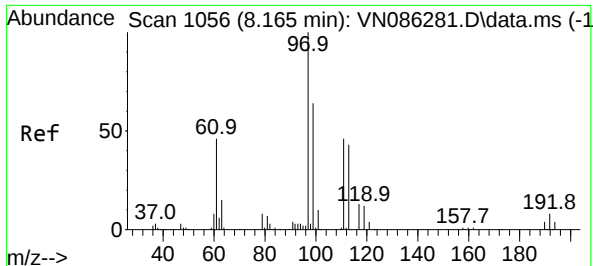
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.6

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 54.707 ug/l

RT: 8.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

Instrument :

MSVOA_N

ClientSampleId :

SS-8ME

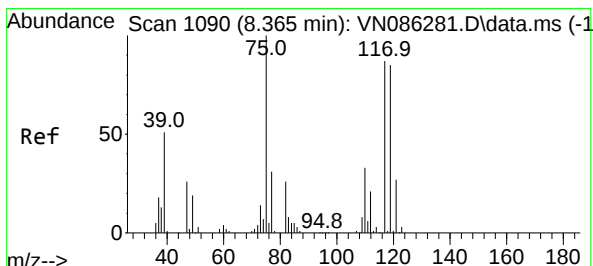
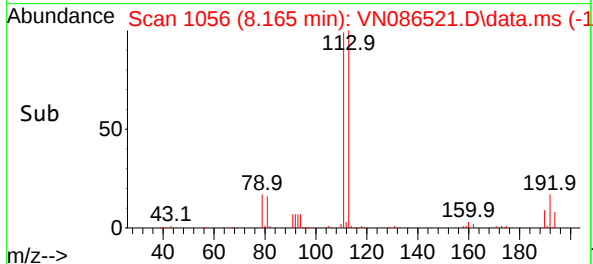
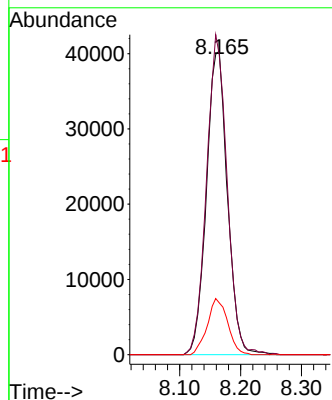
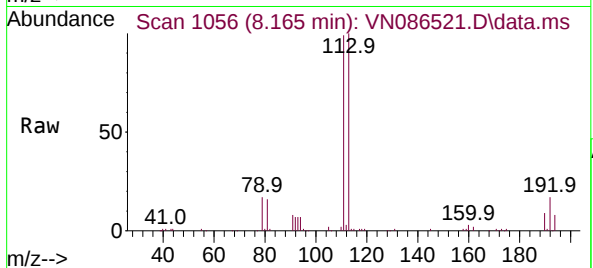
Tgt Ion:113 Resp: 96495

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.0

192 18.0 13.7 20.5



#36

1,1-Dichloropropene

Concen: 4.587 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

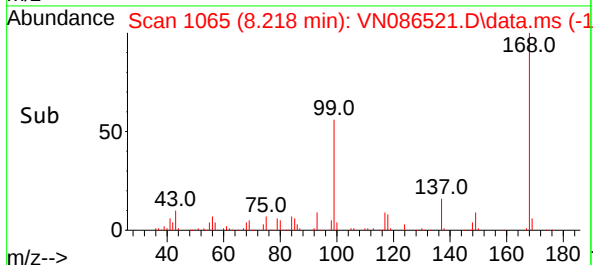
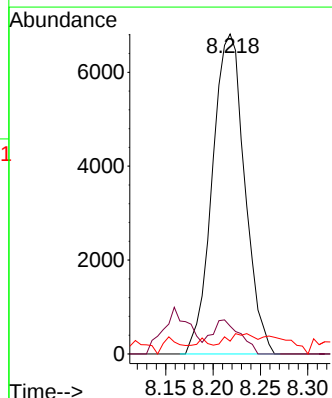
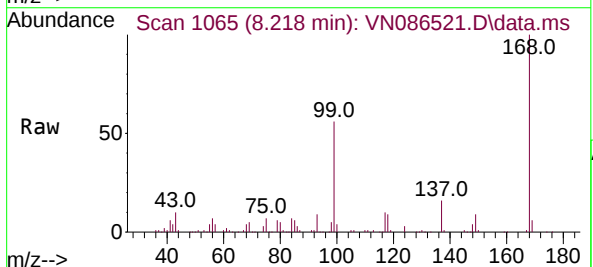
Tgt Ion: 75 Resp: 16161

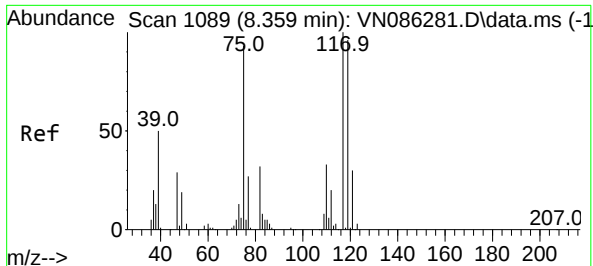
Ion Ratio Lower Upper

75 100

110 9.2 16.8 50.4#

77 2.8 24.9 37.3#

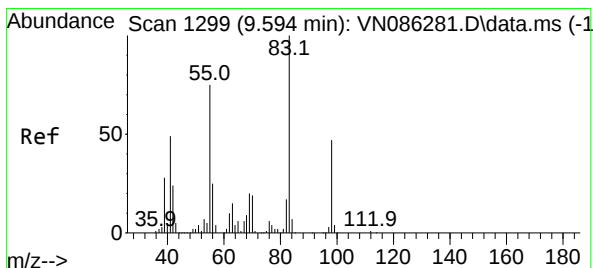
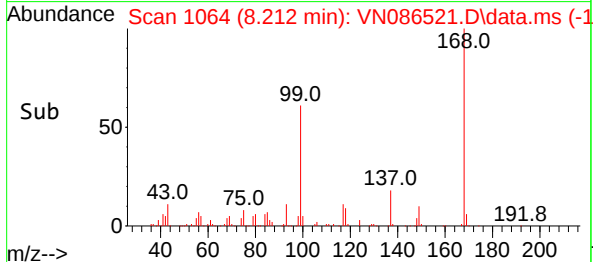
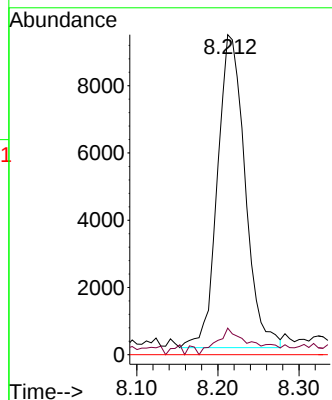
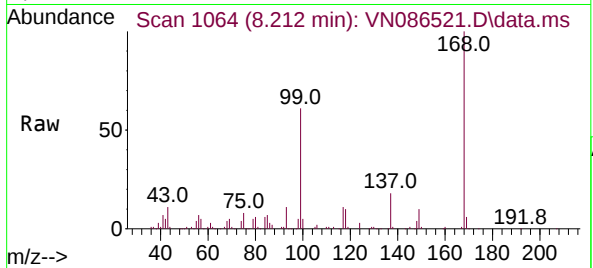




#38
Carbon Tetrachloride
Concen: 6.563 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.147 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

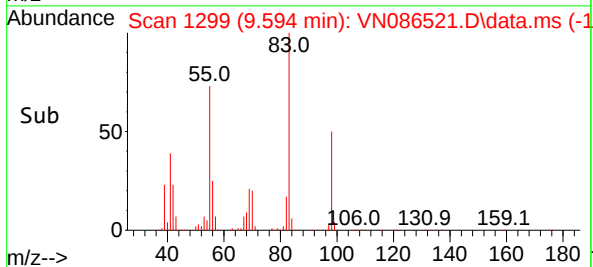
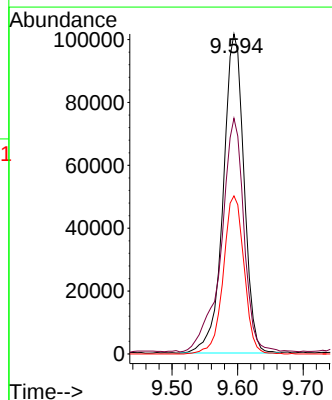
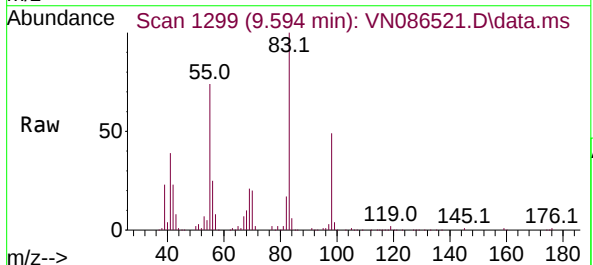
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

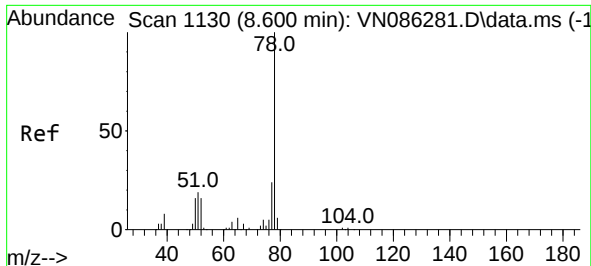
Tgt Ion: 117 Resp: 22018
Ion Ratio Lower Upper
117 100
119 6.4 76.8 115.2#
121 0.0 23.8 35.8#



#39
Methylcyclohexane
Concen: 53.188 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 83 Resp: 222725
Ion Ratio Lower Upper
83 100
55 73.2 59.8 89.8
98 49.5 37.9 56.9

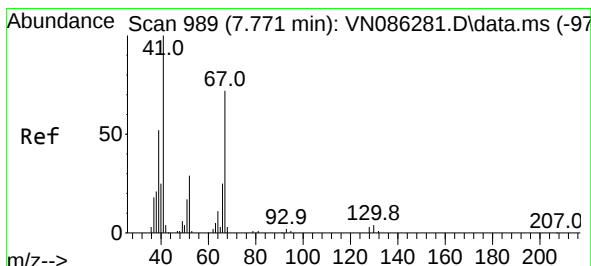
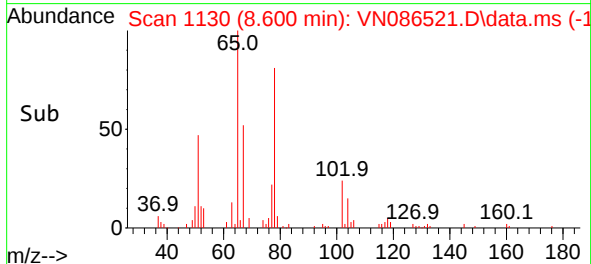
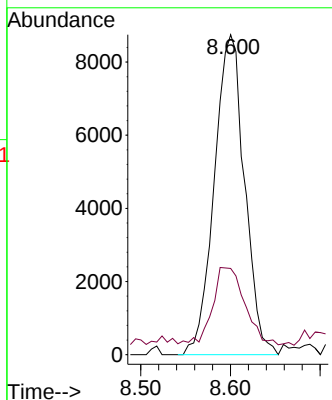
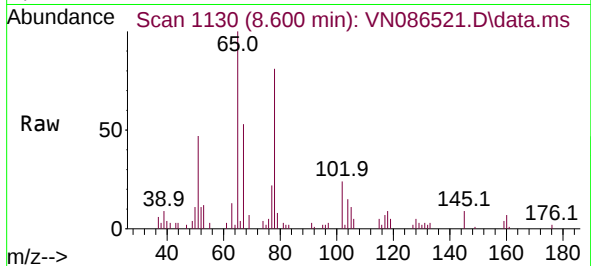




#40
Benzene
Concen: 1.815 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

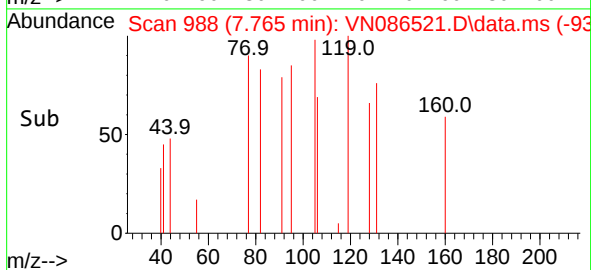
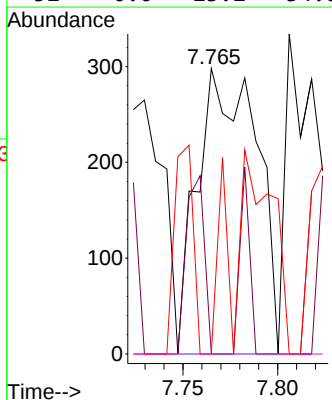
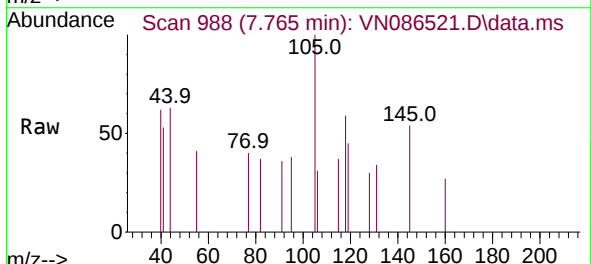
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

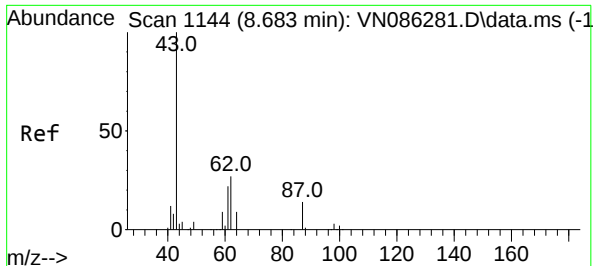
Tgt Ion: 78 Resp: 20484
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2



#41
Methacrylonitrile
Concen: 0.301 ug/l
RT: 7.765 min Scan# 988
Delta R.T. -0.006 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 41 Resp: 648
Ion Ratio Lower Upper
41 100
39 19.0 43.0 64.4#
67 23.1 58.8 88.2#
52 0.0 23.2 34.8#

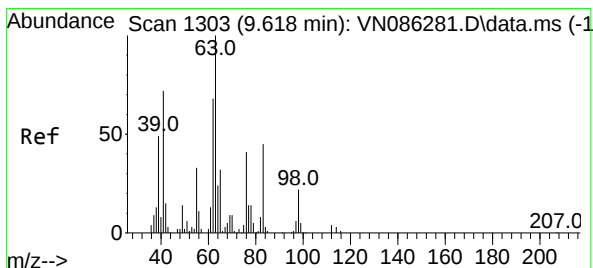
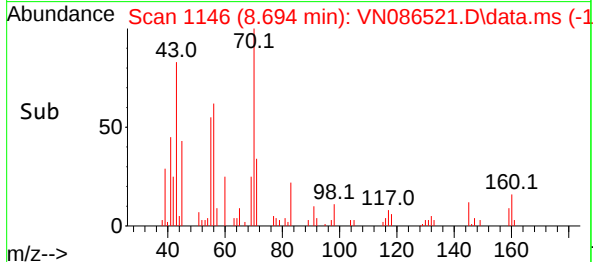
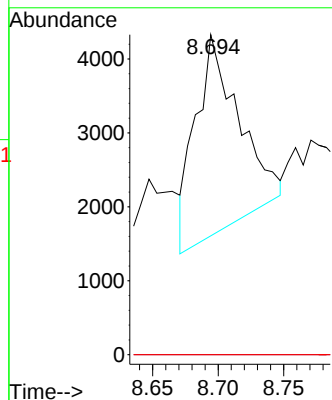
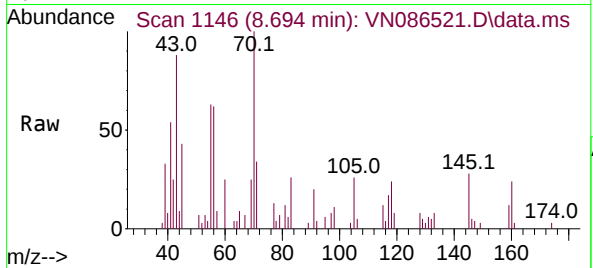




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.011 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

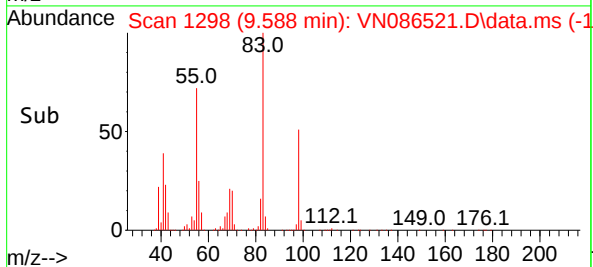
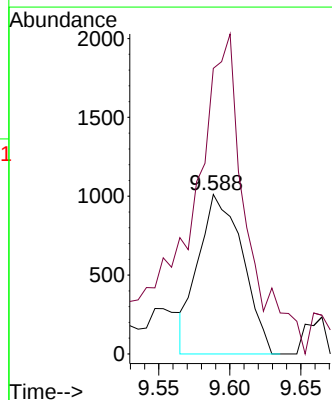
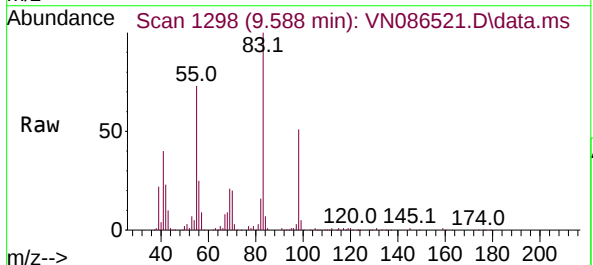
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

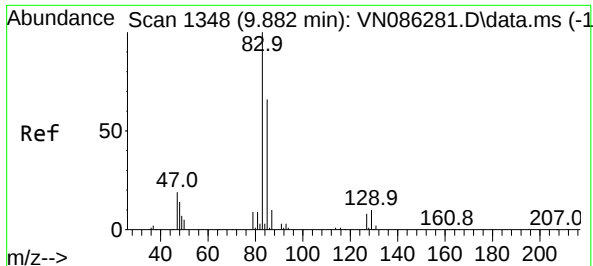
Tgt Ion: 43 Resp: 6251
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#



#45
1,2-Dichloropropane
Concen: 0.793 ug/l
RT: 9.588 min Scan# 1298
Delta R.T. -0.029 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 63 Resp: 2190
Ion Ratio Lower Upper
63 100
65 153.4 25.4 38.2#





#47

Bromodichloromethane

Concen: 0.851 ug/l

RT: 9.765 min Scan# 11

Delta R.T. -0.118 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

Instrument :

MSVOA_N

ClientSampleId :

SS-8ME

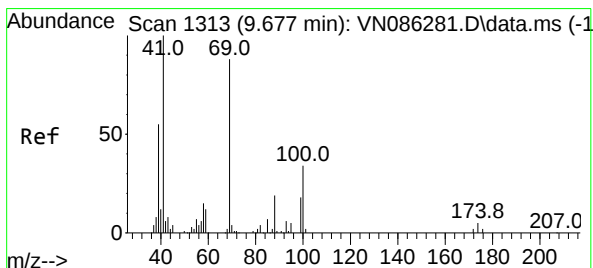
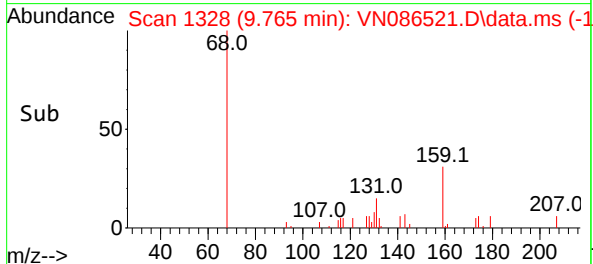
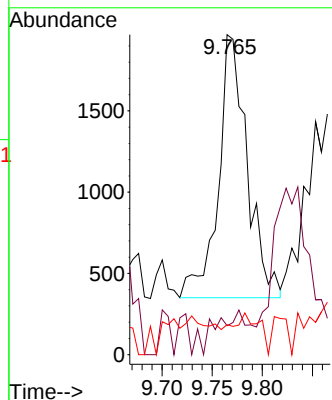
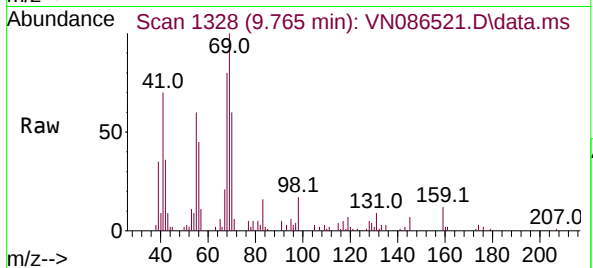
Tgt Ion: 83 Resp: 3234

Ion Ratio Lower Upper

83 100

85 0.0 52.6 78.8#

127 1.3 6.1 9.1#



#48

Methyl methacrylate

Concen: 32.153 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.082 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

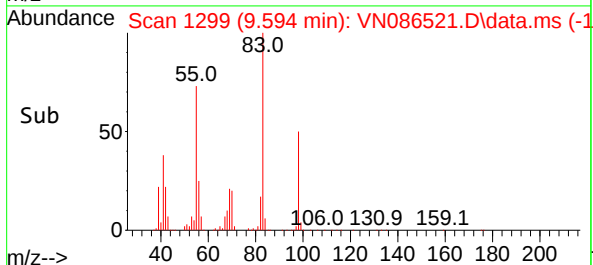
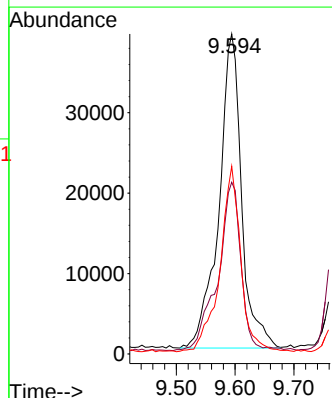
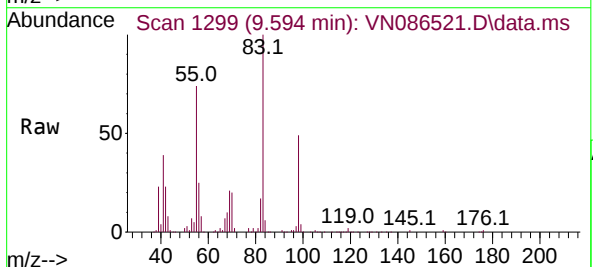
Tgt Ion: 41 Resp: 104727

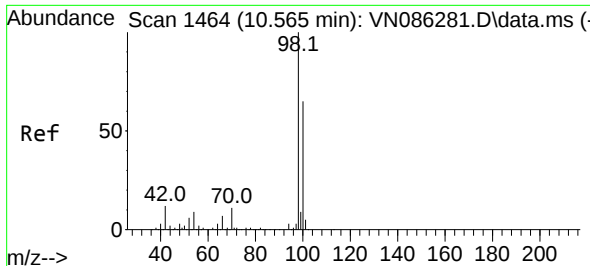
Ion Ratio Lower Upper

41 100

69 54.9 68.2 102.2#

39 54.5 45.2 67.8

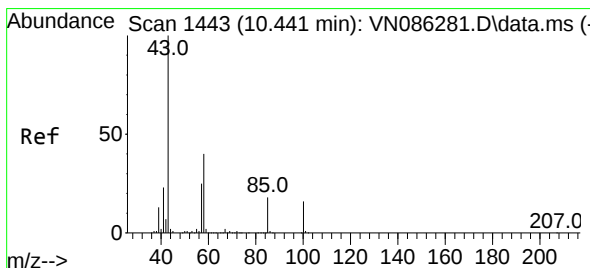
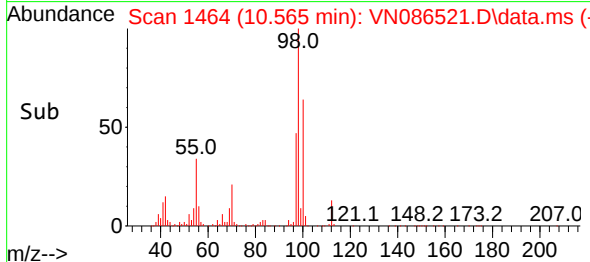
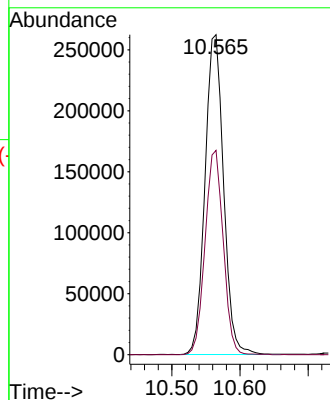
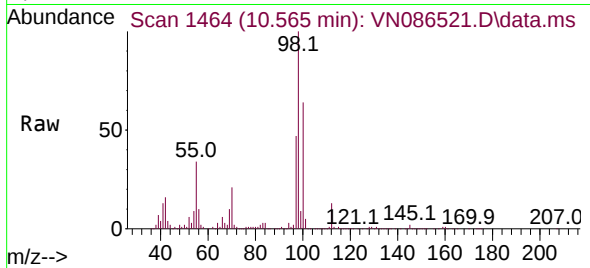




#50
Toluene-d8
Concen: 52.683 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

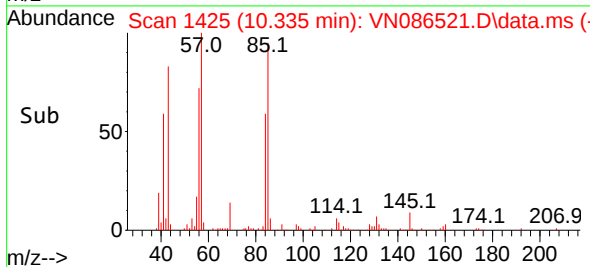
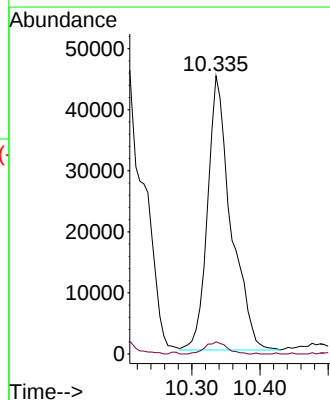
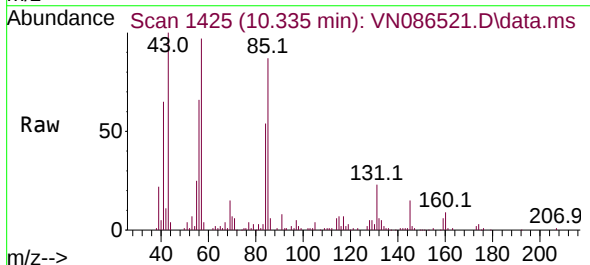
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

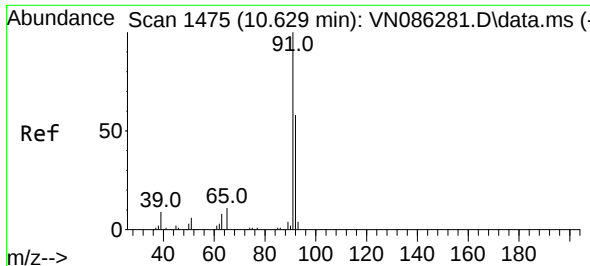
Tgt Ion: 98 Resp: 496637
Ion Ratio Lower Upper
98 100
100 62.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 28.278 ug/l
RT: 10.335 min Scan# 1425
Delta R.T. -0.106 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 43 Resp: 107400
Ion Ratio Lower Upper
43 100
58 4.1 32.2 48.4#

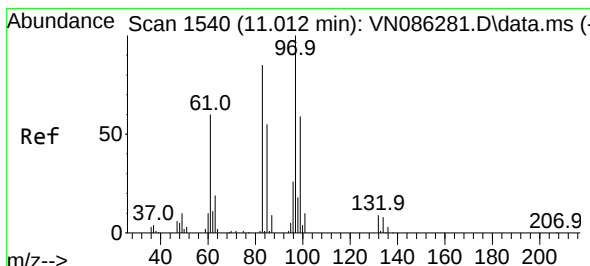
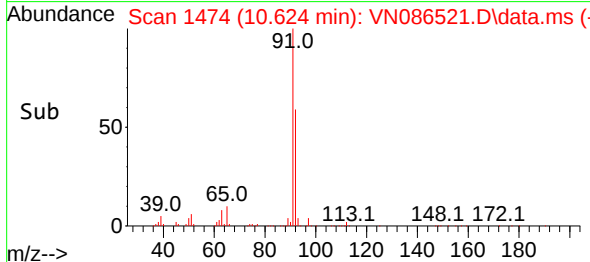
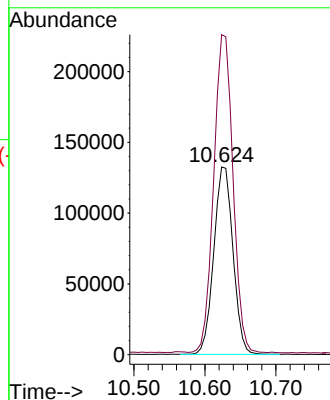
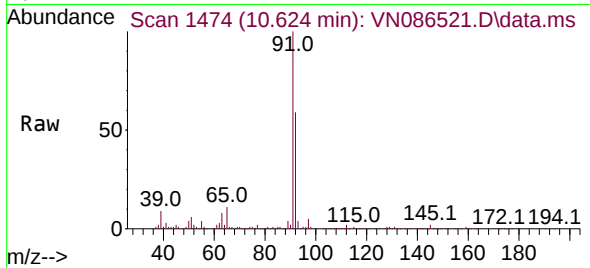




#52
Toluene
Concen: 35.221 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

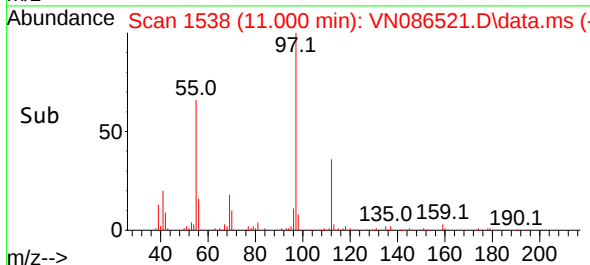
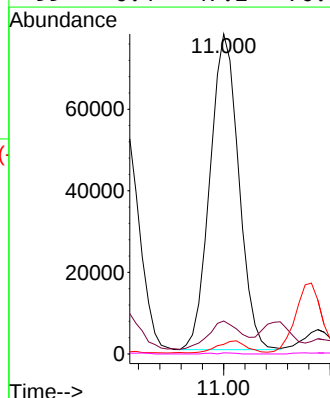
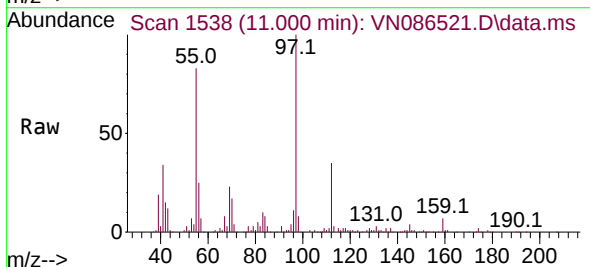
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

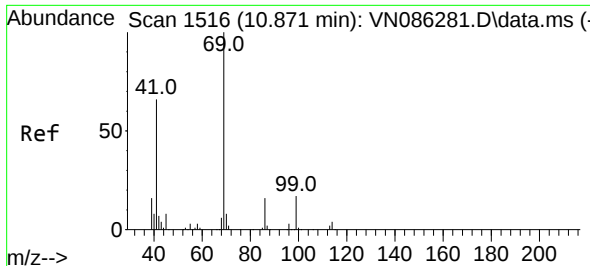
Tgt Ion: 92 Resp: 248064
Ion Ratio Lower Upper
92 100
91 170.5 137.3 205.9



#55
1,1,2-Trichloroethane
Concen: 57.223 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. -0.012 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 97 Resp: 145007
Ion Ratio Lower Upper
97 100
83 8.9 68.4 102.6#
85 2.6 43.9 65.9#
99 0.4 47.2 70.8#

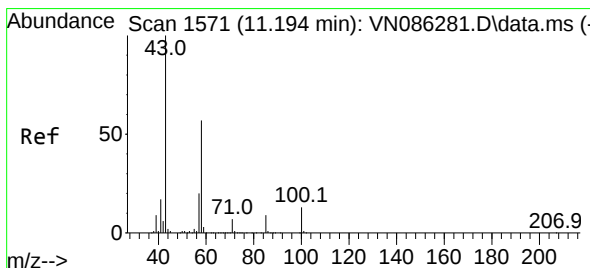
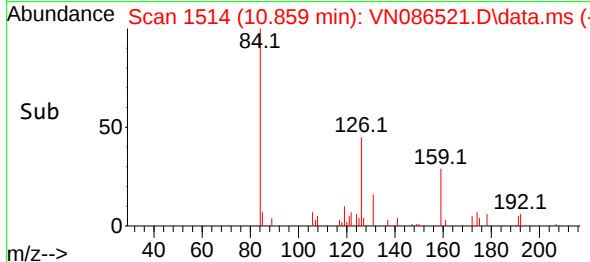
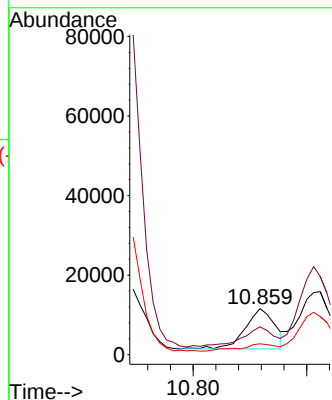
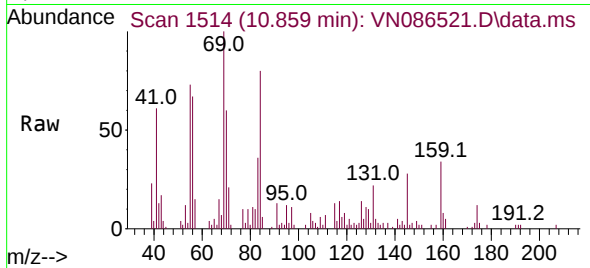




#56
Ethyl methacrylate
Concen: 3.884 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.012 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

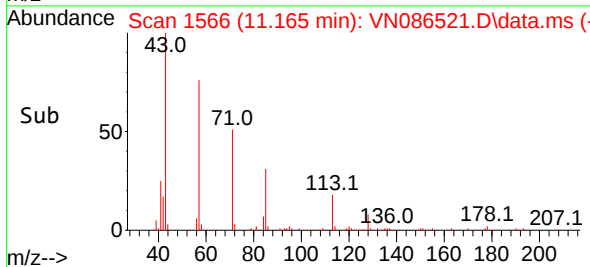
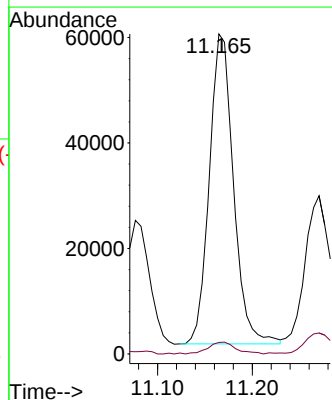
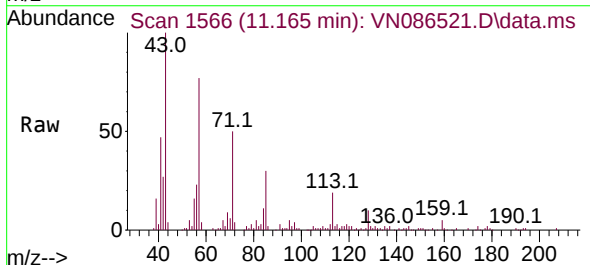
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

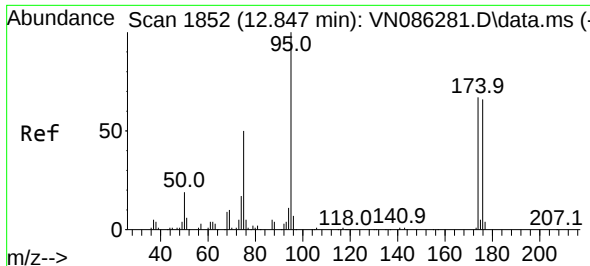
Tgt Ion: 69 Resp: 18090
Ion Ratio Lower Upper
69 100
41 54.3 51.7 77.5
39 22.6 26.3 39.5#



#59
2-Hexanone
Concen: 36.954 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.029 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 43 Resp: 104105
Ion Ratio Lower Upper
43 100
58 4.4 28.3 85.0#

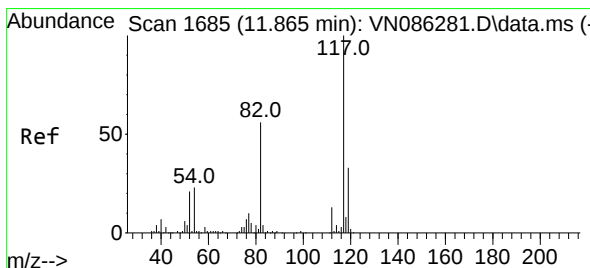
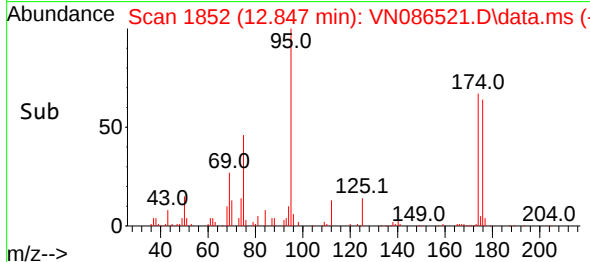
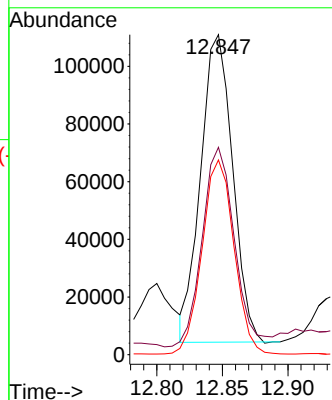
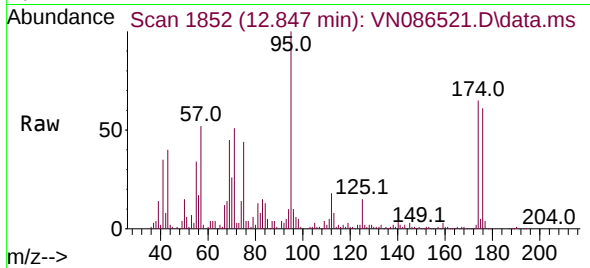




#62
4-Bromofluorobenzene
Concen: 52.681 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

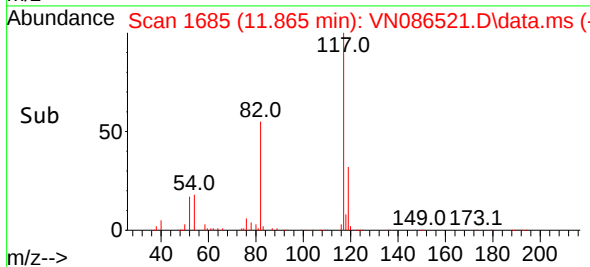
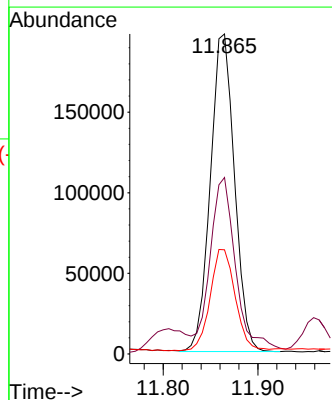
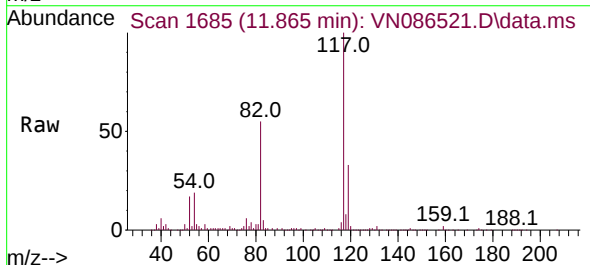
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

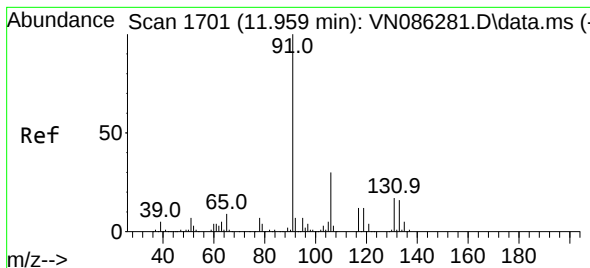
Tgt Ion: 95 Resp: 181138
Ion Ratio Lower Upper
95 100
174 65.9 0.0 133.4
176 63.0 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 117 Resp: 349216
Ion Ratio Lower Upper
117 100
82 53.8 44.7 67.1
119 31.8 26.4 39.6

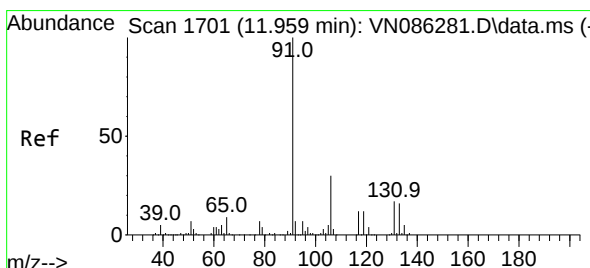
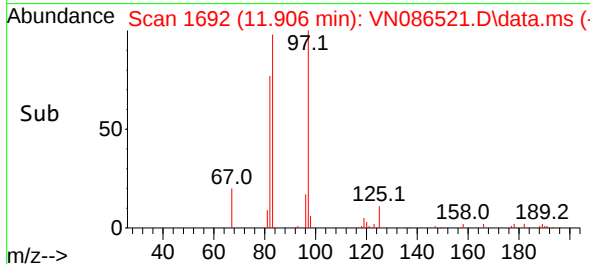
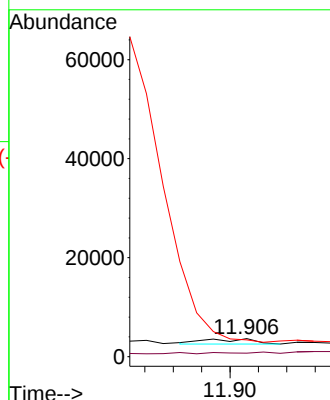
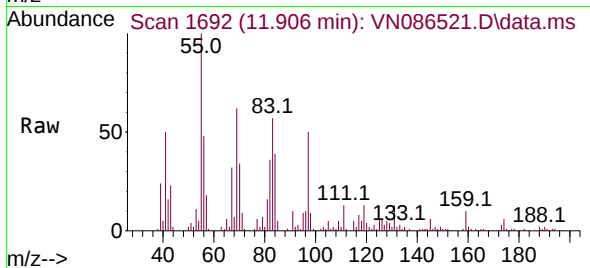




#66
1,1,1,2-Tetrachloroethane
Concen: 0.468 ug/l
RT: 11.906 min Scan# 1
Delta R.T. -0.053 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

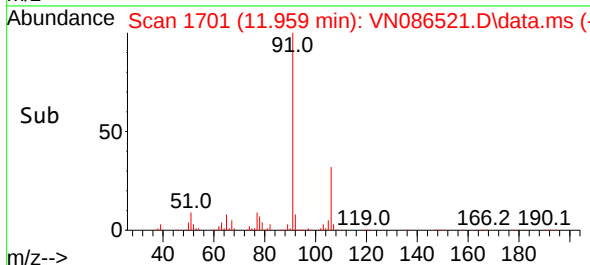
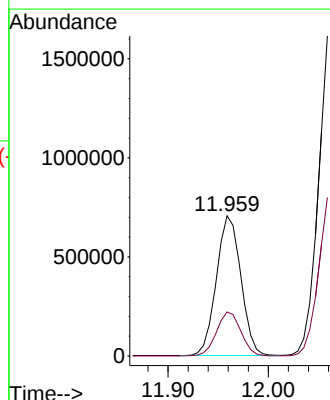
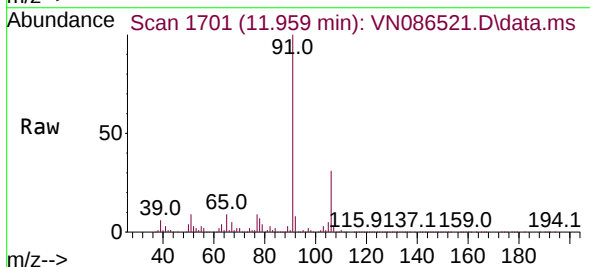
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

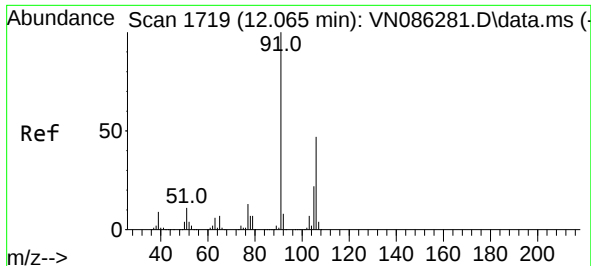
Tgt Ion:131 Resp: 1204
Ion Ratio Lower Upper
131 100
133 0.0 47.1 141.3#
119 0.0 33.8 101.4#



#67
Ethyl Benzene
Concen: 84.847 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 91 Resp: 1193226
Ion Ratio Lower Upper
91 100
106 31.5 24.3 36.5

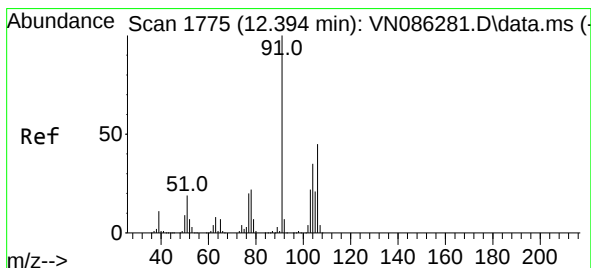
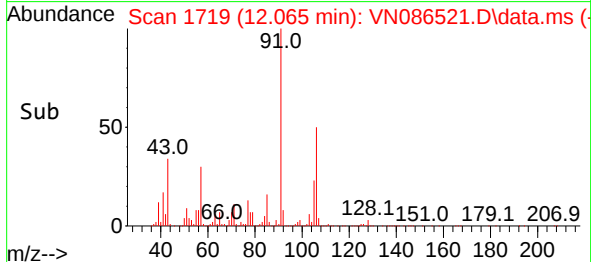
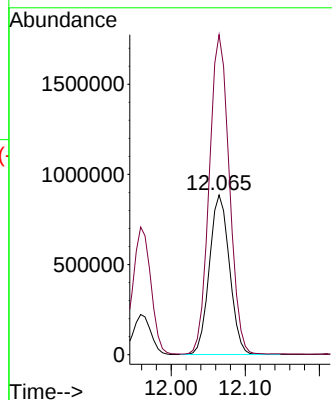
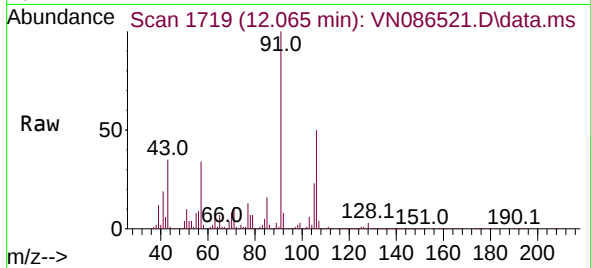




#68
m/p-Xylenes
Concen: 316.751 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

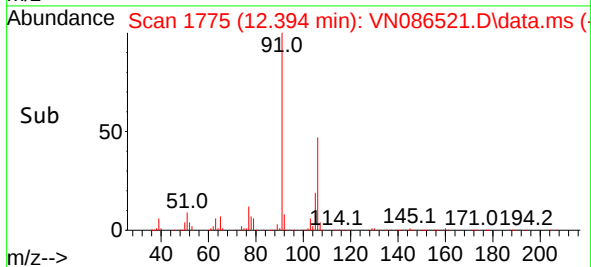
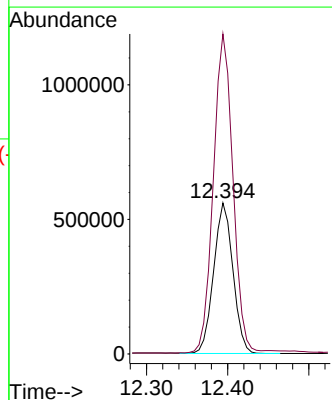
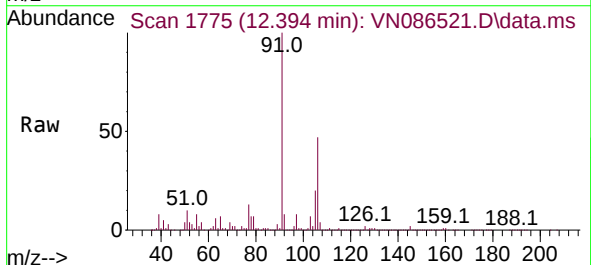
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

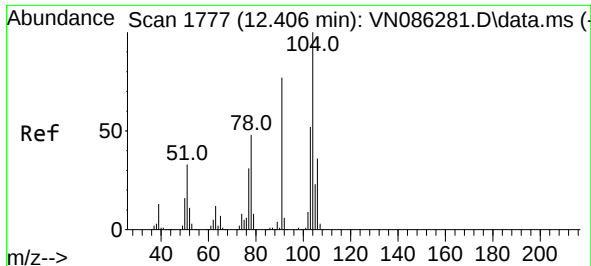
Tgt Ion:106 Resp: 1669102
Ion Ratio Lower Upper
106 100
91 199.5 166.5 249.7



#69
o-Xylene
Concen: 177.435 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion:106 Resp: 924644
Ion Ratio Lower Upper
106 100
91 218.4 109.7 329.0

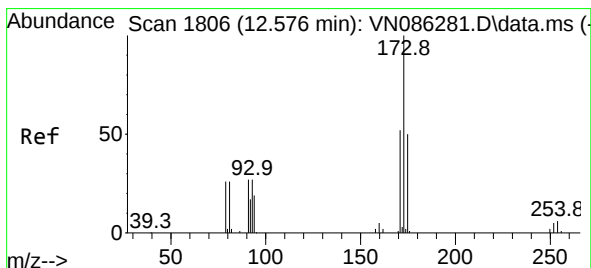
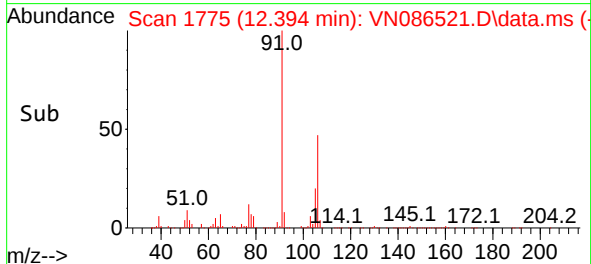
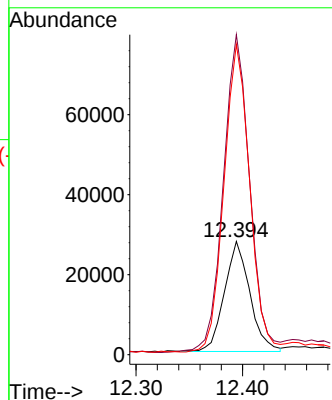
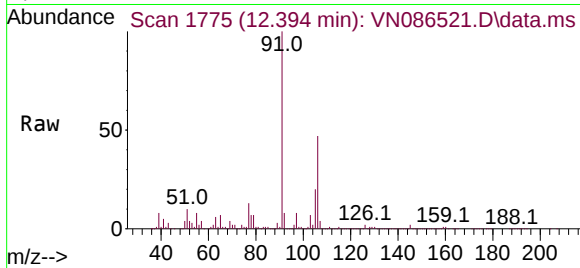




#70
Styrene
Concen: 5.268 ug/l
RT: 12.394 min Scan# 1777
Delta R.T. -0.012 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

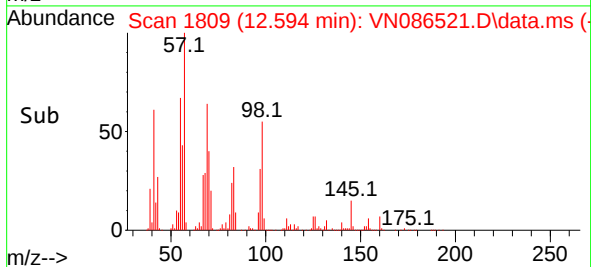
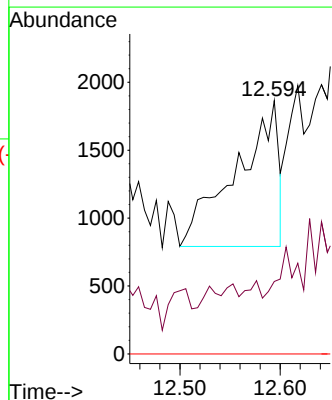
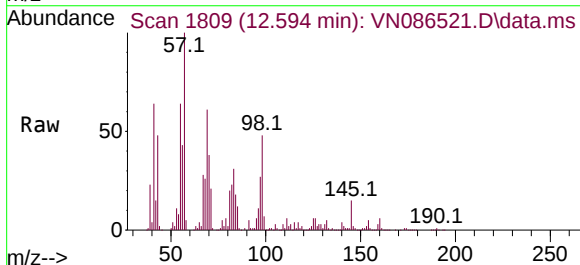
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

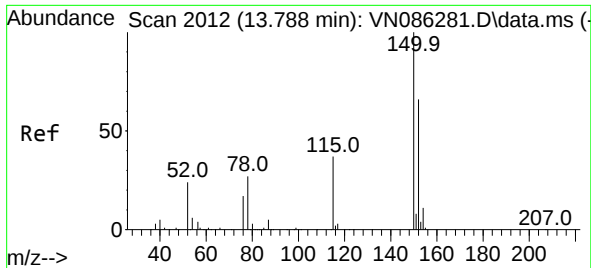
Tgt Ion:104 Resp: 45740
Ion Ratio Lower Upper
104 100
78 299.4 40.6 61.0#
103 282.7 43.6 65.4#



#71
Bromoform
Concen: 1.619 ug/l
RT: 12.594 min Scan# 1809
Delta R.T. 0.018 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion:173 Resp: 3133
Ion Ratio Lower Upper
173 100
175 6.7 24.6 73.6#
254 0.0 0.0 0.0

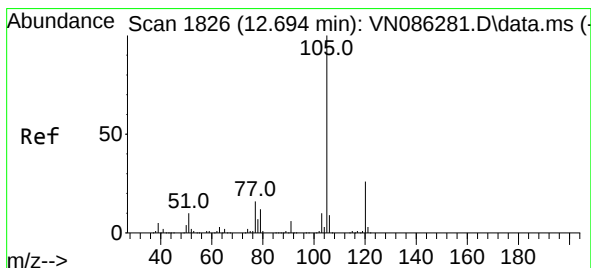
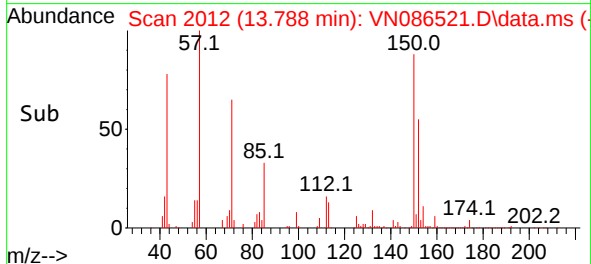
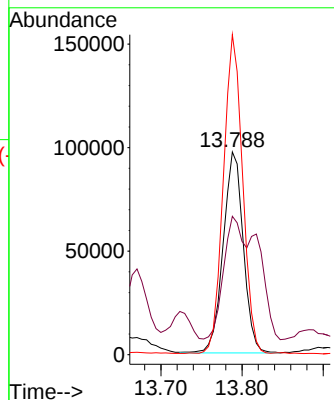
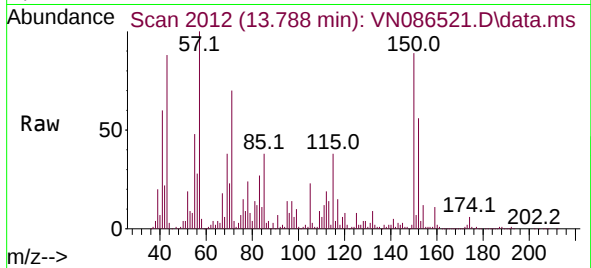




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN086521.D
 Acq: 06 May 2025 17:48

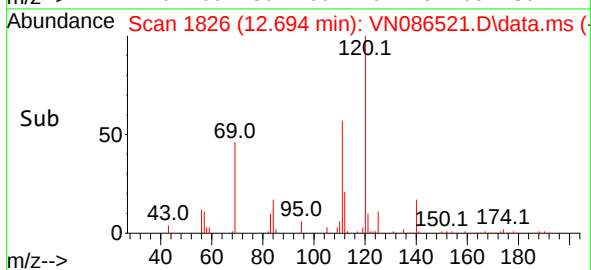
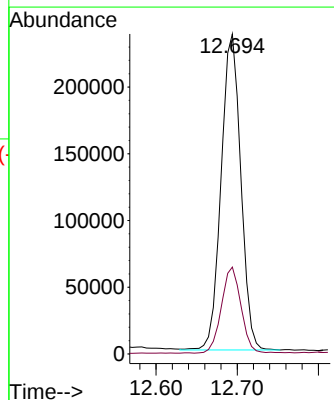
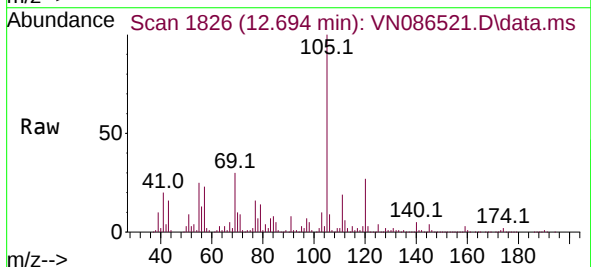
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-8ME

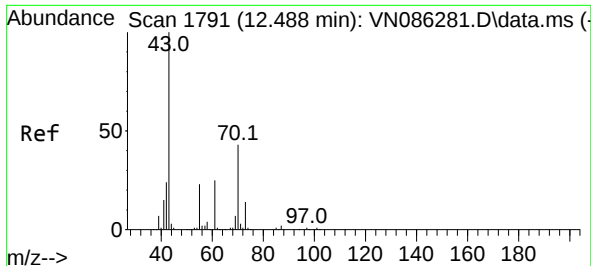
Tgt Ion:152 Resp: 167366
 Ion Ratio Lower Upper
 152 100
 115 64.7 31.9 95.9
 150 151.0 0.0 352.0



#73
 Isopropylbenzene
 Concen: 29.143 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: VN086521.D
 Acq: 06 May 2025 17:48

Tgt Ion:105 Resp: 398999
 Ion Ratio Lower Upper
 105 100
 120 27.2 13.1 39.3

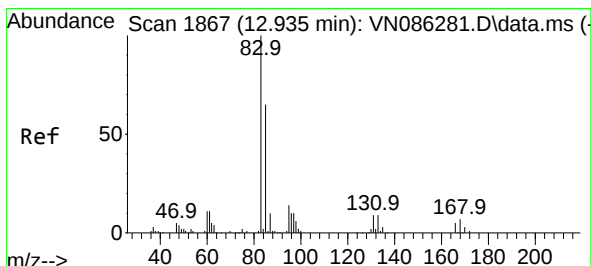
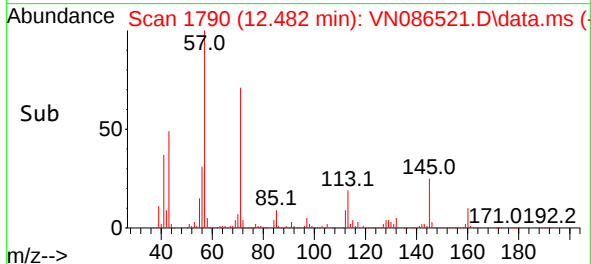
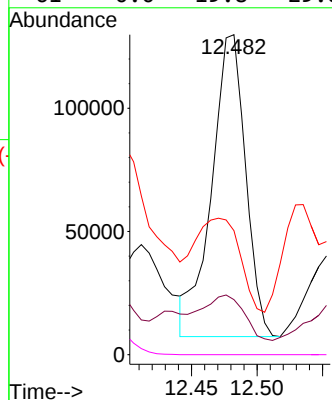
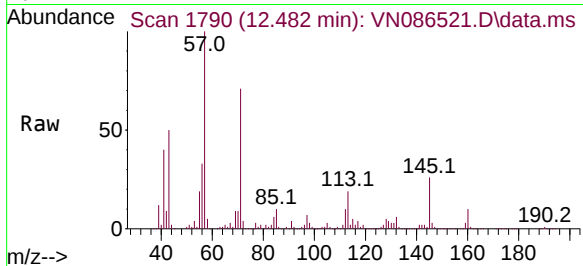




#74
N-amy1 acetate
Concen: 32.359 ug/l
RT: 12.482 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

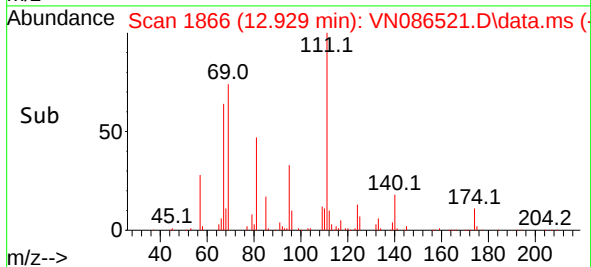
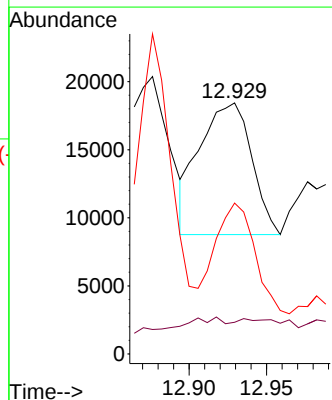
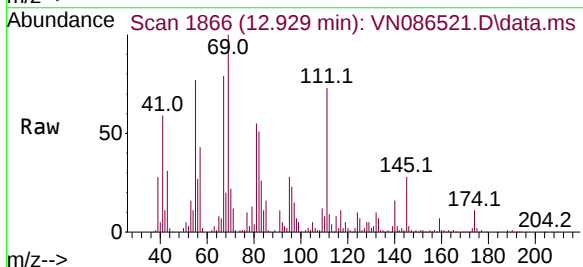
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

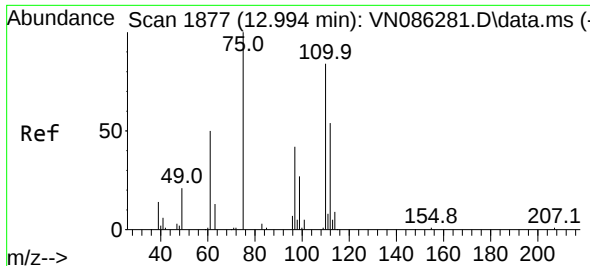
Tgt Ion: 43 Resp: 220547
Ion Ratio Lower Upper
43 100
70 16.6 35.0 52.4#
55 42.3 19.0 28.4#
61 0.0 19.8 29.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 5.745 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 83 Resp: 22615
Ion Ratio Lower Upper
83 100
131 6.6 4.7 14.1
85 0.0 32.7 98.1#

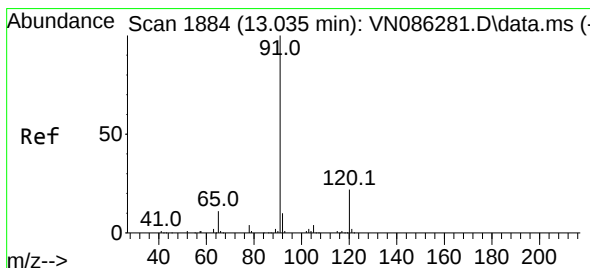
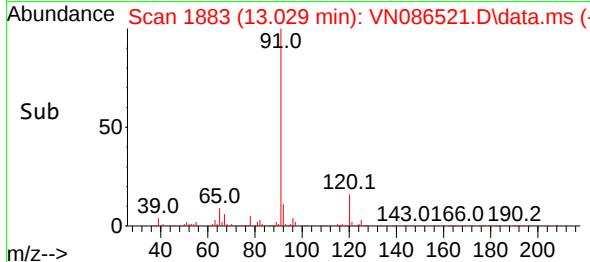
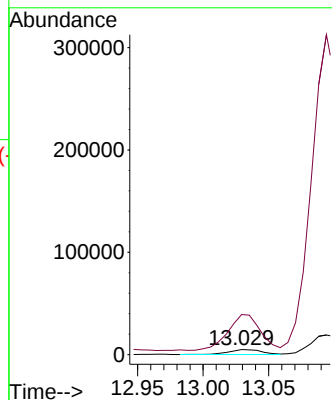
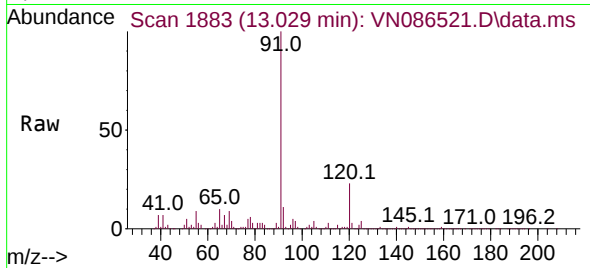




#76
1,2,3-Trichloropropane
Concen: 2.096 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.035 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

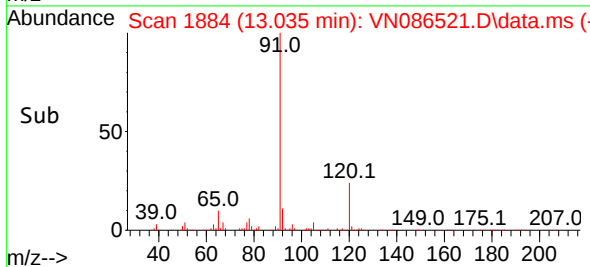
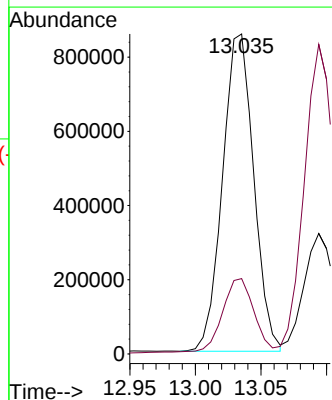
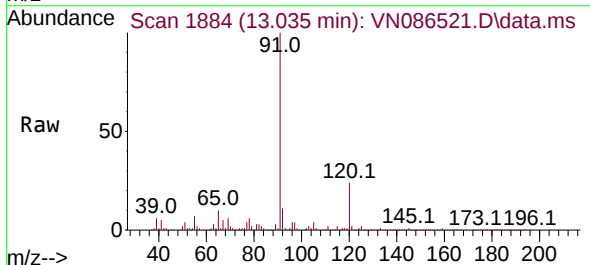
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

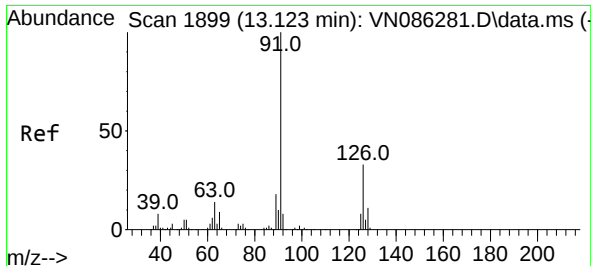
Tgt Ion: 75 Resp: 8278
Ion Ratio Lower Upper
75 100
77 724.8 98.8 296.4#



#78
n-propylbenzene
Concen: 87.574 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 91 Resp: 1412818
Ion Ratio Lower Upper
91 100
120 25.0 11.1 33.3

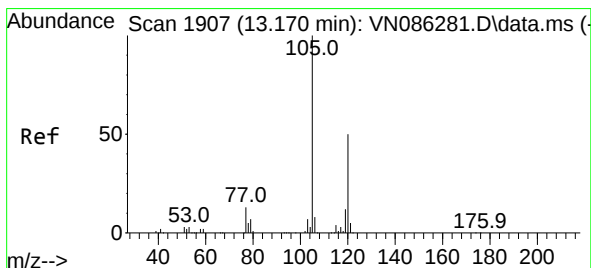
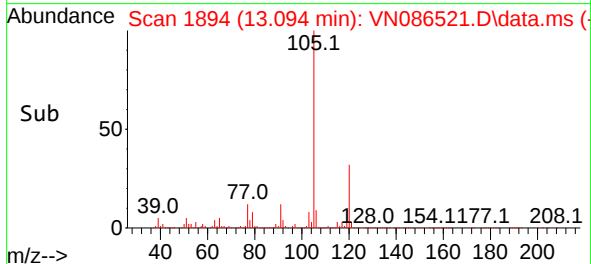
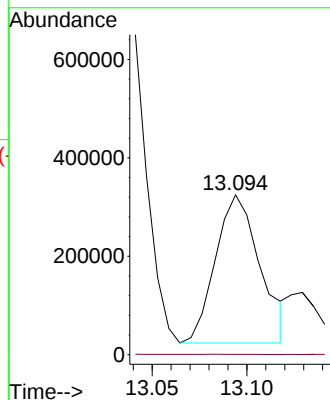
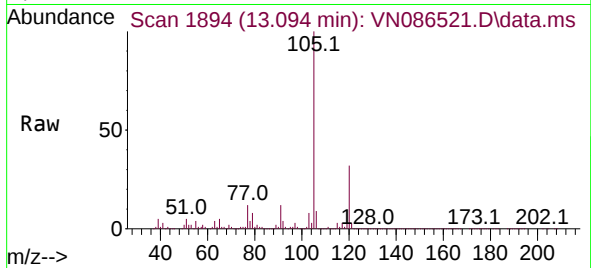




#79
2-Chlorotoluene
Concen: 48.581 ug/l
RT: 13.094 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

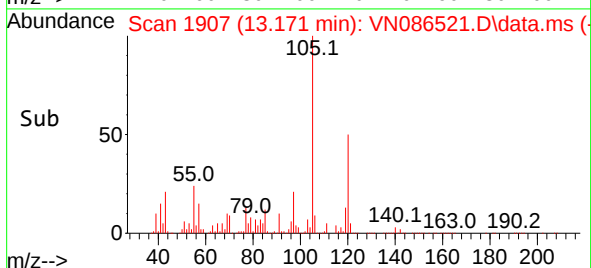
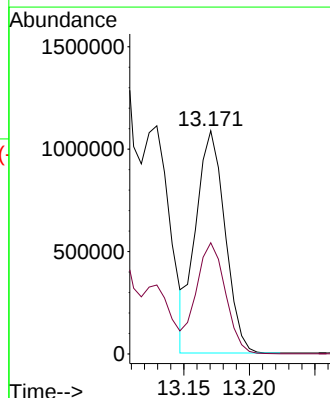
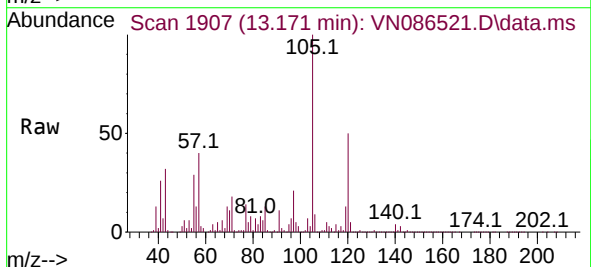
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

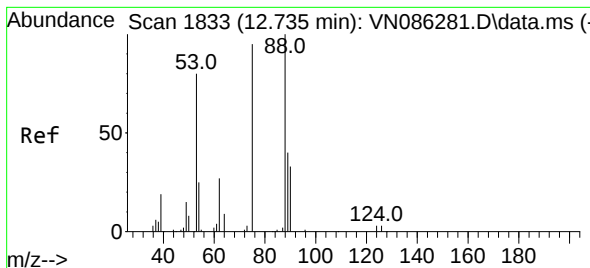
Tgt Ion: 91 Resp: 490428
Ion Ratio Lower Upper
91 100
126 0.1 16.1 48.2#



#80
1,3,5-Trimethylbenzene
Concen: 150.768 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion:105 Resp: 1689446
Ion Ratio Lower Upper
105 100
120 50.0 24.5 73.5

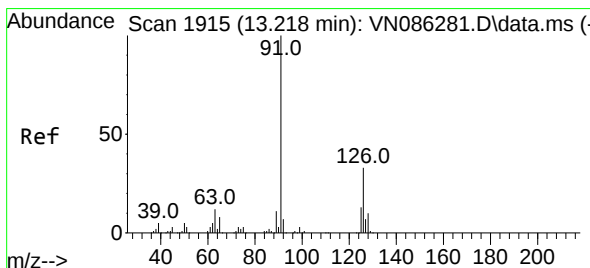
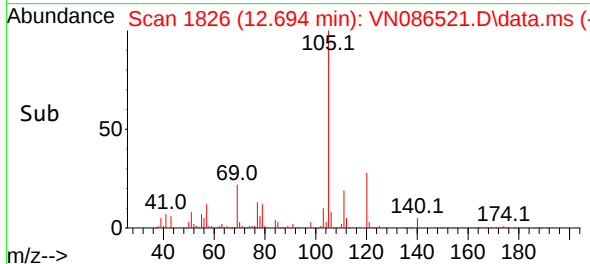
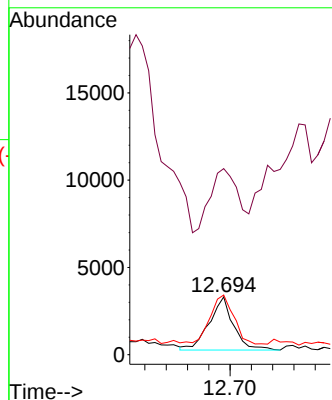
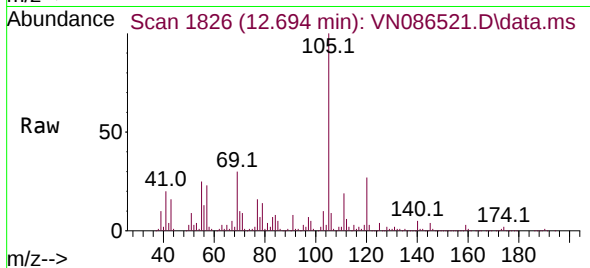




#81
trans-1,4-Dichloro-2-butene
Concen: 2.932 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

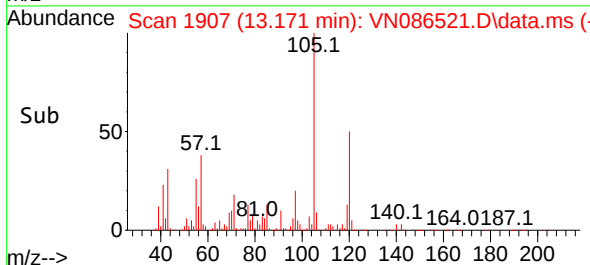
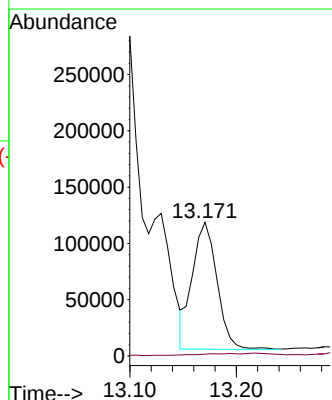
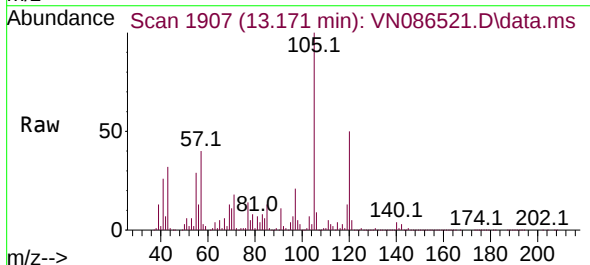
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

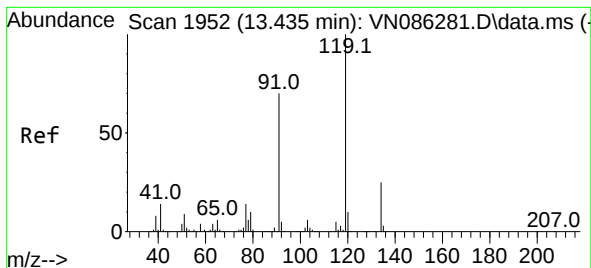
Tgt Ion: 75 Resp: 4822
Ion Ratio Lower Upper
75 100
53 124.5 79.2 118.8#
89 88.8 35.7 53.5#



#82
4-Chlorotoluene
Concen: 18.208 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.047 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 91 Resp: 182590
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#





#83

tert-Butylbenzene

Concen: 81.810 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.047 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

Instrument :

MSVOA_N

ClientSampleId :

SS-8ME

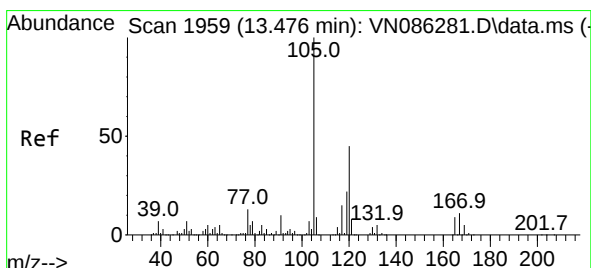
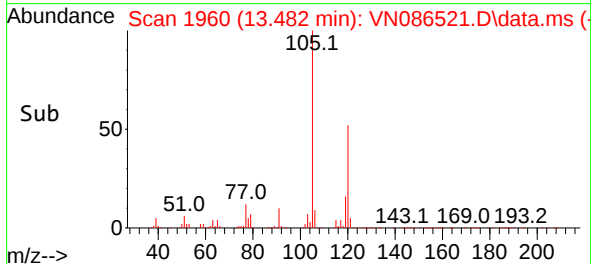
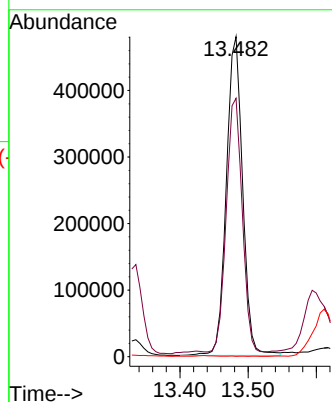
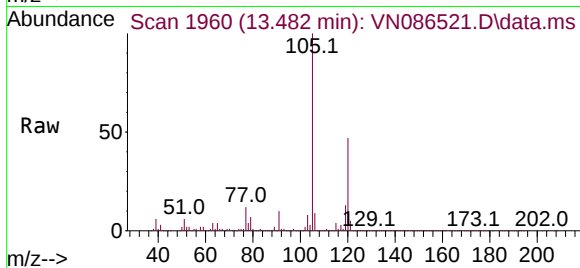
Tgt Ion:119 Resp: 794327

Ion Ratio Lower Upper

119 100

91 77.7 34.4 103.3

134 0.0 13.0 39.0#



#84

1,2,4-Trimethylbenzene

Concen: 541.792 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN086521.D

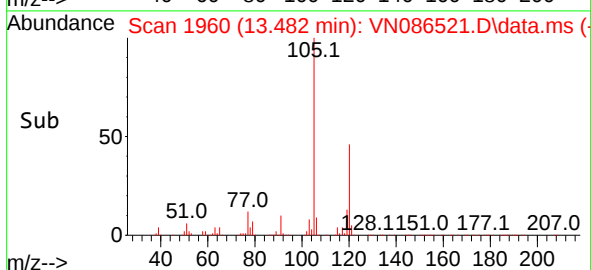
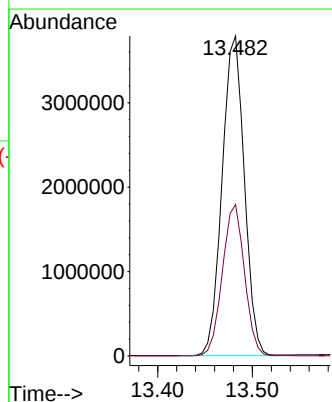
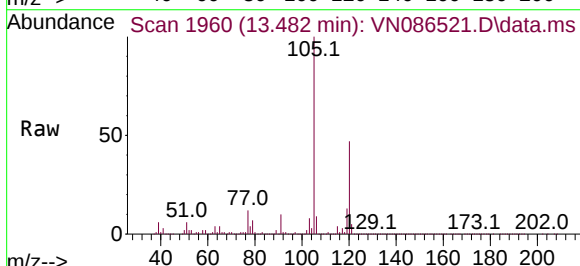
Acq: 06 May 2025 17:48

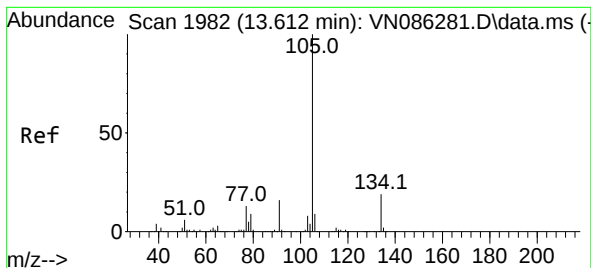
Tgt Ion:105 Resp: 6179823

Ion Ratio Lower Upper

105 100

120 47.2 22.4 67.3





#85

sec-Butylbenzene

Concen: 38.477 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

Instrument :

MSVOA_N

ClientSampleId :

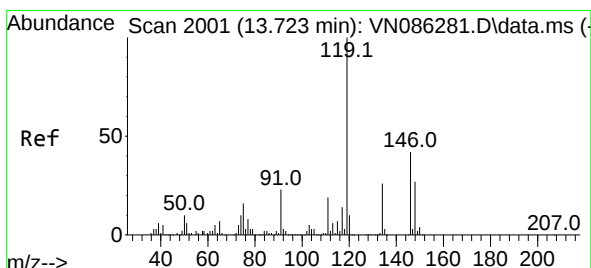
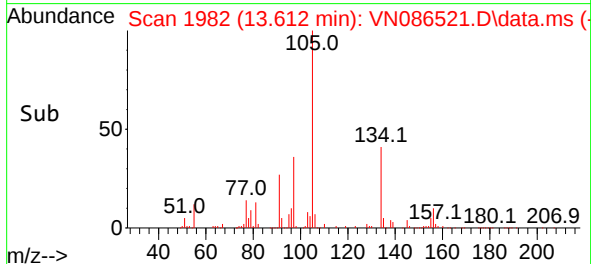
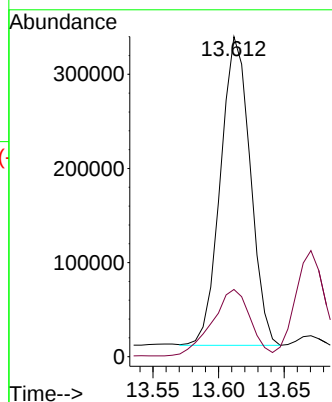
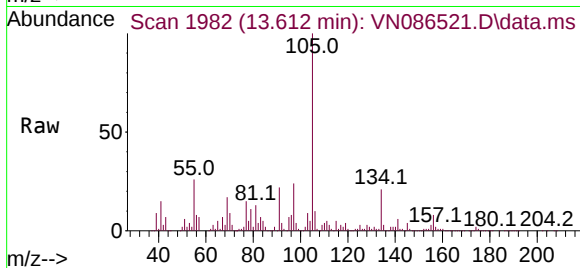
SS-8ME

Tgt Ion:105 Resp: 518186

Ion Ratio Lower Upper

105 100

134 27.3 9.7 29.1



#86

p-Isopropyltoluene

Concen: 27.712 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

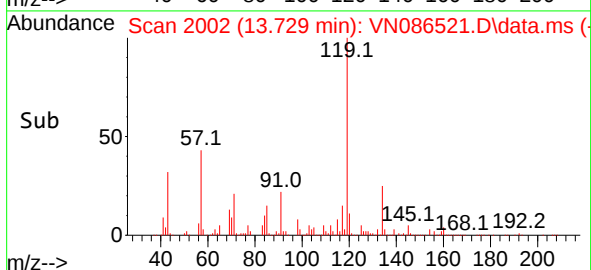
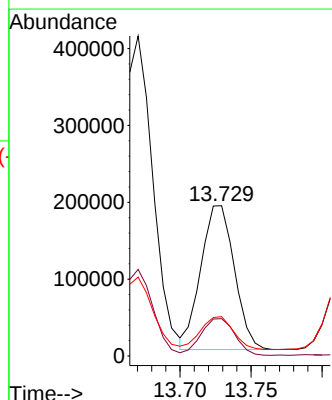
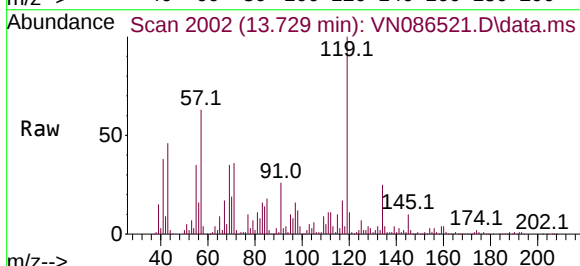
Tgt Ion:119 Resp: 307625

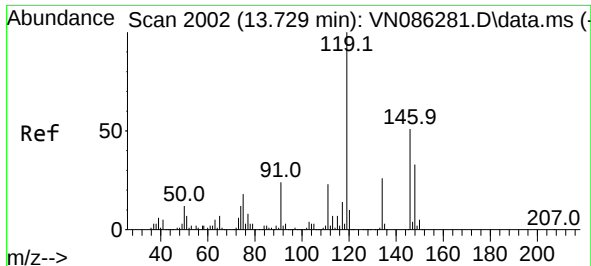
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.1

91 22.4 11.9 35.9

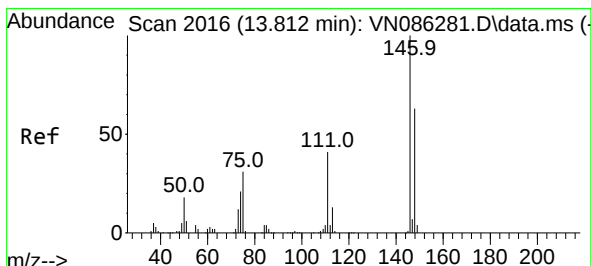
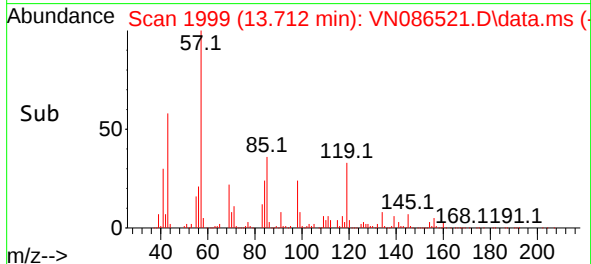
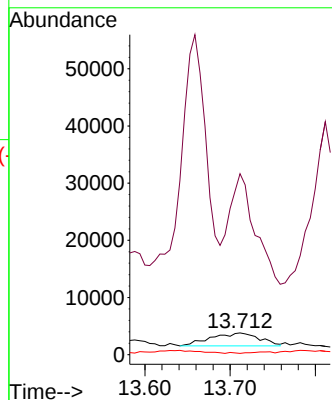
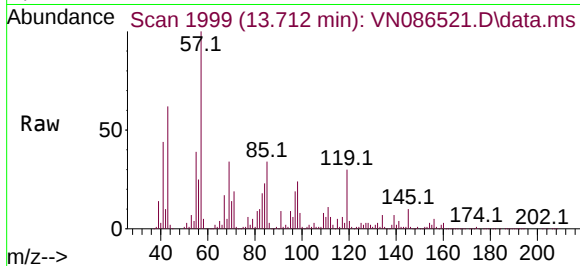




#87
1,3-Dichlorobenzene
Concen: 1.576 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.018 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

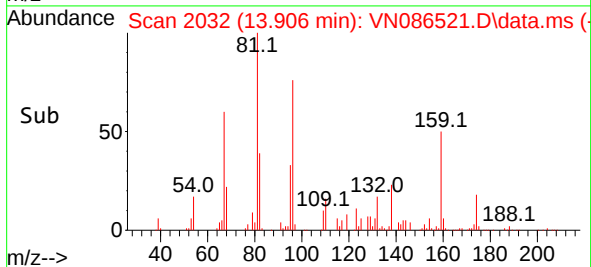
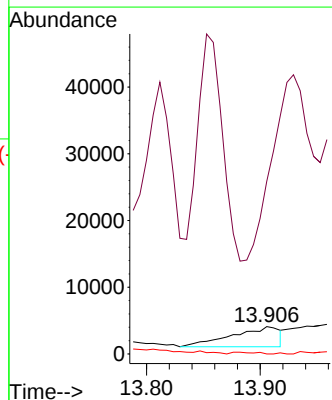
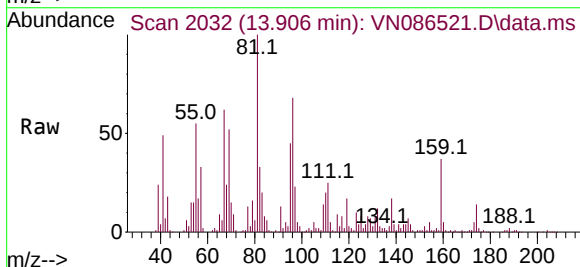
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

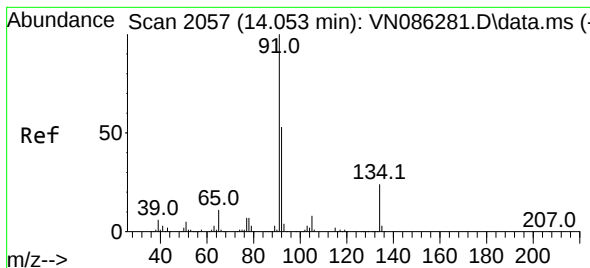
Tgt Ion:146 Resp: 8989
Ion Ratio Lower Upper
146 100
111 447.4 21.9 65.7#
148 0.0 31.9 95.5#



#88
1,4-Dichlorobenzene
Concen: 1.525 ug/l
RT: 13.906 min Scan# 2032
Delta R.T. 0.094 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion:146 Resp: 8759
Ion Ratio Lower Upper
146 100
111 0.0 21.3 63.9#
148 0.0 31.9 95.9#





#89

n-Butylbenzene

Concen: 71.689 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

Instrument :

MSVOA_N

ClientSampleId :

SS-8ME

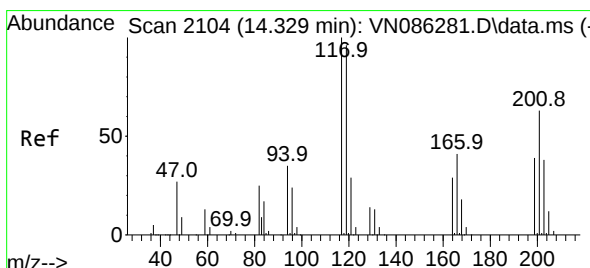
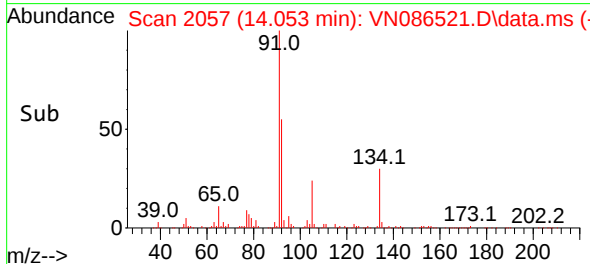
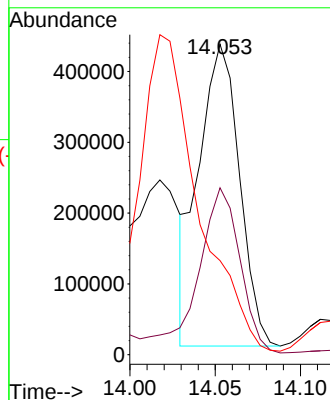
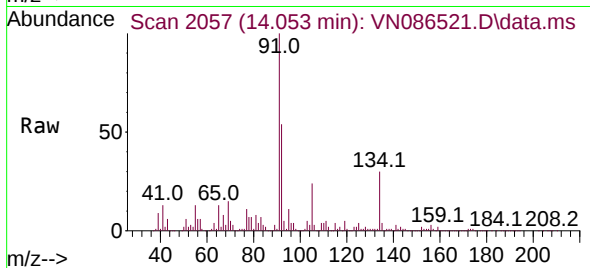
Tgt Ion: 91 Resp: 705374

Ion Ratio Lower Upper

91 100

92 55.6 26.8 80.4

134 0.0 12.2 36.6#



#90

Hexachloroethane

Concen: 98.536 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN086521.D

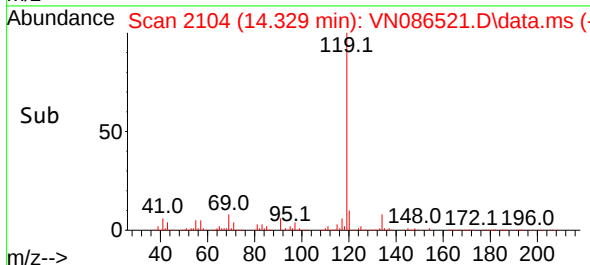
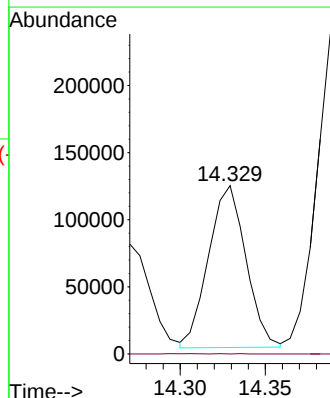
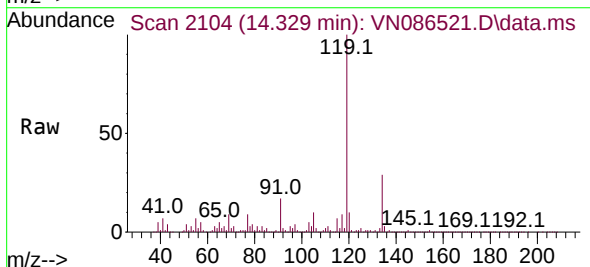
Acq: 06 May 2025 17:48

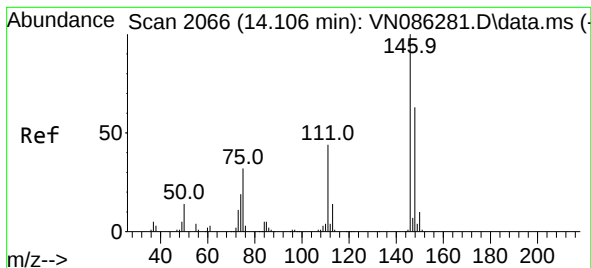
Tgt Ion: 117 Resp: 183985

Ion Ratio Lower Upper

117 100

201 0.1 31.4 94.2#





#91

1,2-Dichlorobenzene

Concen: 1.042 ug/l

RT: 14.123 min Scan# 2066

Delta R.T. 0.018 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

Instrument :

MSVOA_N

ClientSampleId :

SS-8ME

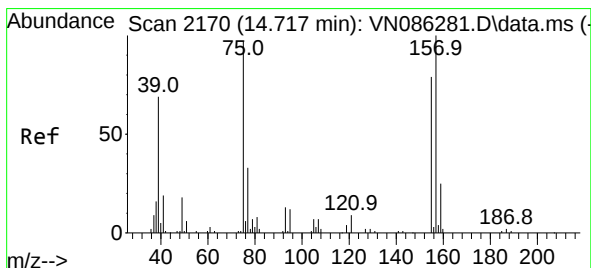
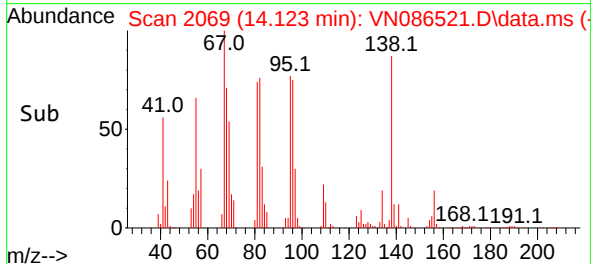
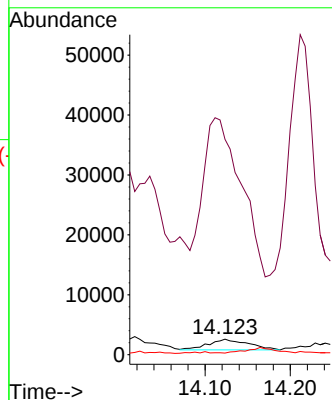
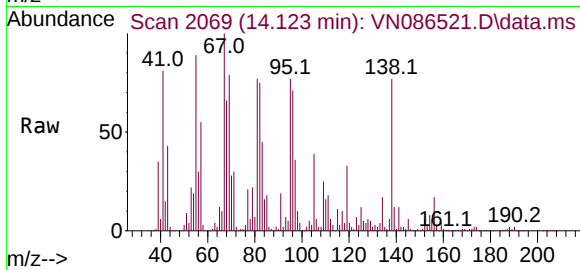
Tgt Ion:146 Resp: 5762

Ion Ratio Lower Upper

146 100

111 1409.6 22.4 67.0#

148 0.0 31.8 95.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.195 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.012 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

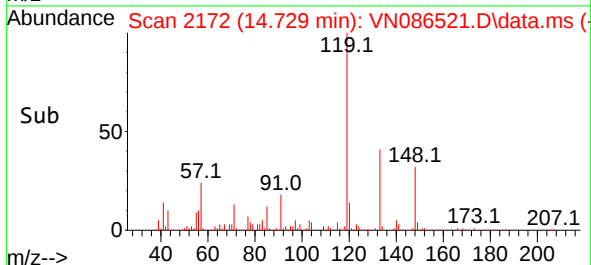
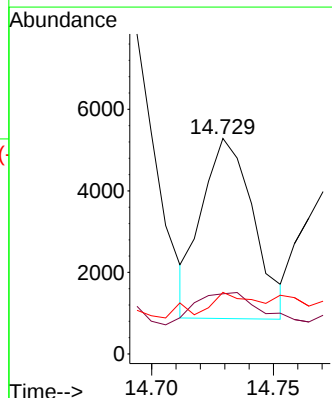
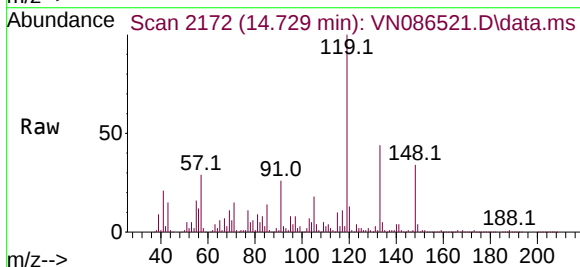
Tgt Ion: 75 Resp: 6505

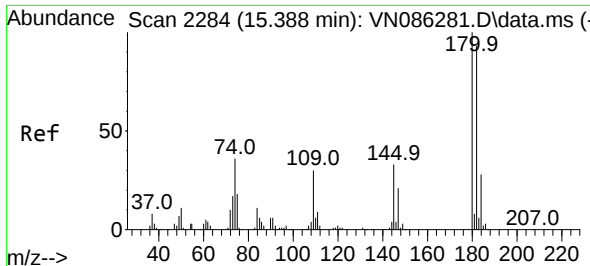
Ion Ratio Lower Upper

75 100

155 22.9 40.3 120.9#

157 0.0 49.0 147.2#

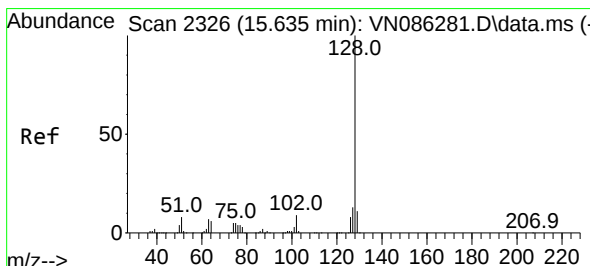
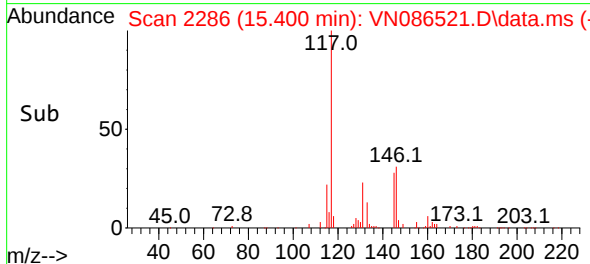
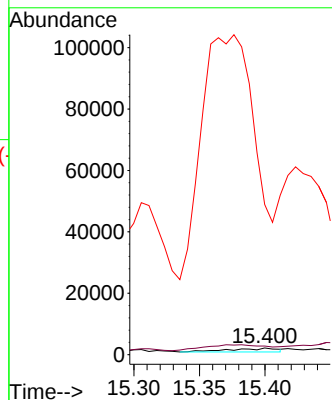
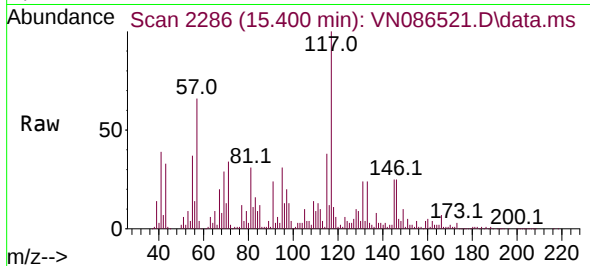




#93
 1,2,4-Trichlorobenzene
 Concen: 1.189 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN086521.D
 Acq: 06 May 2025 17:48

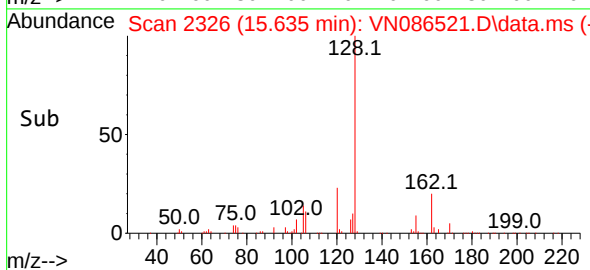
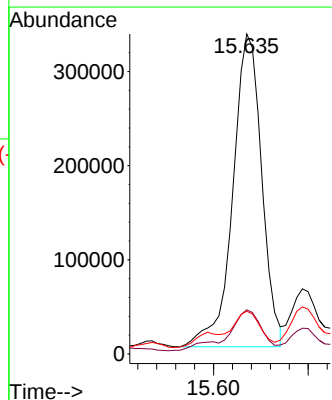
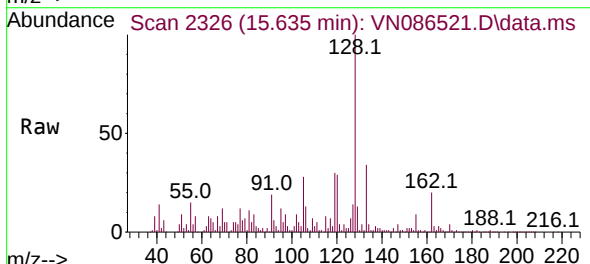
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-8ME

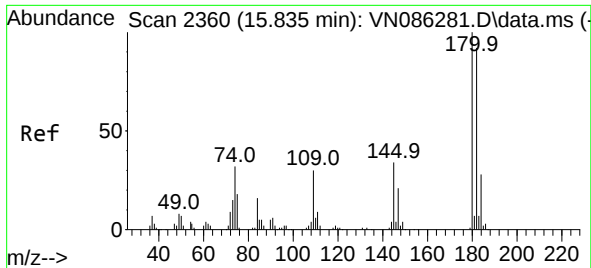
Tgt Ion:180 Resp: 3148
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.0 141.0#
 145 0.0 16.4 49.1#



#95
 Naphthalene
 Concen: 75.102 ug/l
 RT: 15.635 min Scan# 2326
 Delta R.T. 0.000 min
 Lab File: VN086521.D
 Acq: 06 May 2025 17:48

Tgt Ion:128 Resp: 704817
 Ion Ratio Lower Upper
 128 100
 127 15.0 10.2 15.4
 129 8.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 5.772 ug/l
 RT: 15.859 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VN086521.D
 Acq: 06 May 2025 17:48

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-8ME

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	142.0#
145	0.0	17.2	51.5#

