

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085310.D
 Acq On : 26 Dec 2024 10:49
 Operator : JC\MD
 Sample : VN1226MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 27 00:41:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

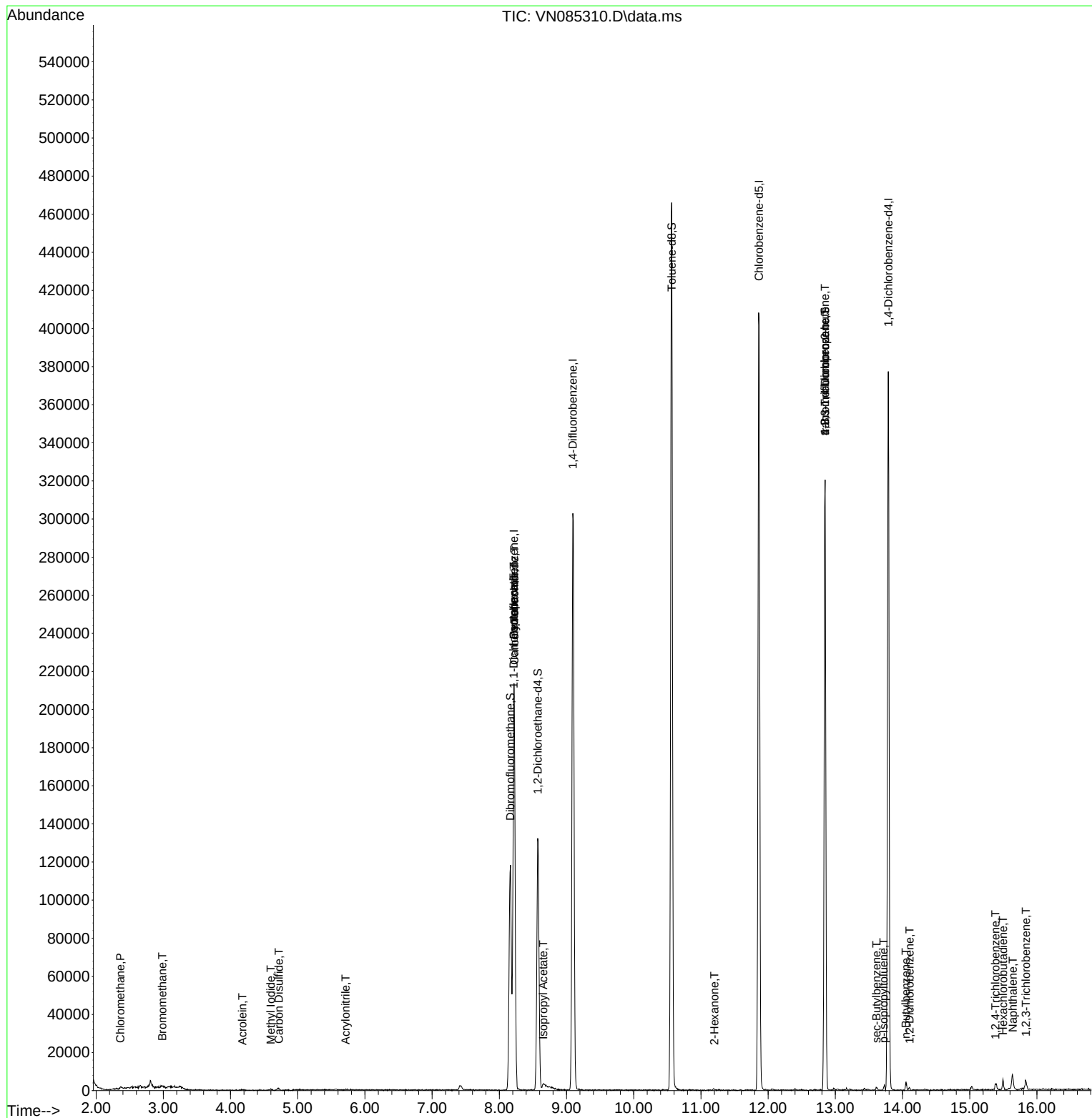
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	146012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	262613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	109859	43.047	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.100%
35) Dibromofluoromethane	8.165	113	84527	45.782	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.560%
50) Toluene-d8	10.565	98	320933	47.558	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.120%
62) 4-Bromofluorobenzene	12.847	95	108575	45.047	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.100%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	584	0.263	ug/l #	42
5) Bromomethane	2.983	94	845	0.620	ug/l	82
10) Methyl Iodide	4.601	142	523	0.255	ug/l #	80
13) Acrolein	4.177	56	239	0.585	ug/l #	79
15) Acrylonitrile	5.712	53	216	0.224	ug/l #	66
17) Carbon Disulfide	4.718	76	1868	0.328	ug/l #	76
31) Cyclohexane	8.218	56	3880	1.175	ug/l #	3
36) 1,1-Dichloropropene	8.212	75	12966	5.043	ug/l #	51
38) Carbon Tetrachloride	8.224	117	15828	5.092	ug/l #	17
43) Isopropyl Acetate	8.653	43	2852	0.526	ug/l #	58
59) 2-Hexanone	11.200	43	737	0.363	ug/l	78
76) 1,2,3-Trichloropropane	12.847	75	60701	26.703	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60701	70.904	ug/l #	7
85) sec-Butylbenzene	13.612	105	1724	0.254	ug/l	95
86) p-Isopropyltoluene	13.718	119	1221	2.126	ug/l	91
89) n-Butylbenzene	14.047	91	2736	0.548	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	706	0.228	ug/l	95
93) 1,2,4-Trichlorobenzene	15.382	180	805	0.508	ug/l #	4
94) Hexachlorobutadiene	15.494	225	989	1.202	ug/l	90
95) Naphthalene	15.641	128	9696	1.849	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.835	180	2035	1.286	ug/l	77

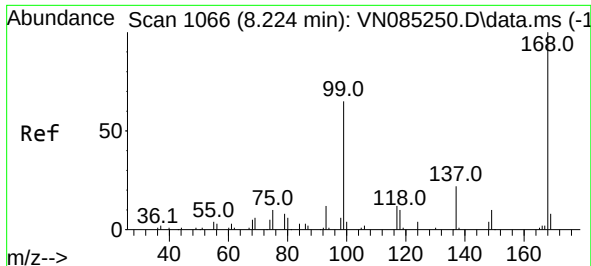
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

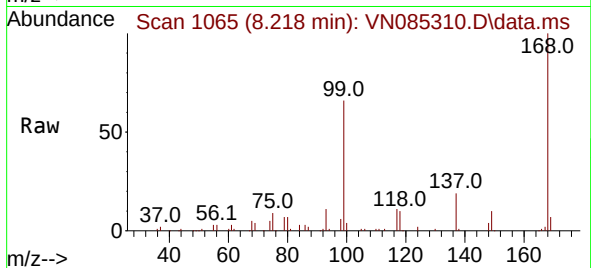
Quant Time: Dec 27 00:41:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



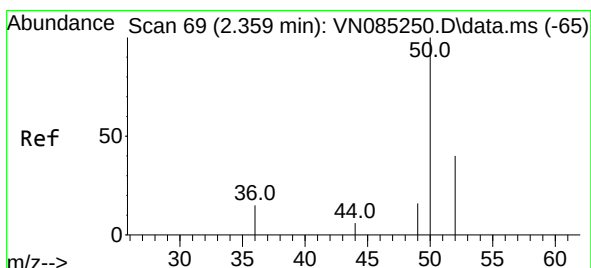
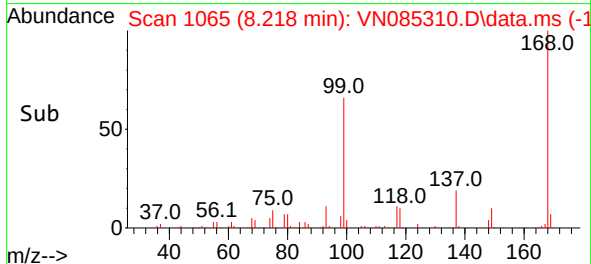
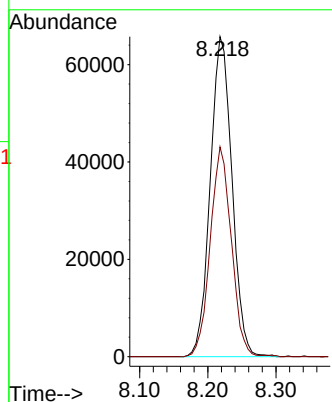


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :

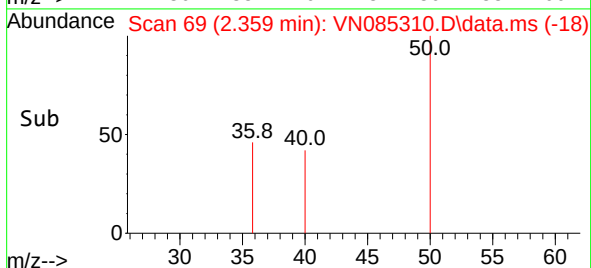
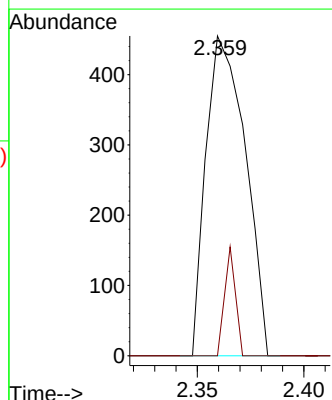
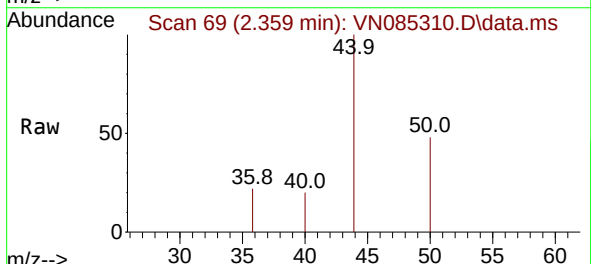


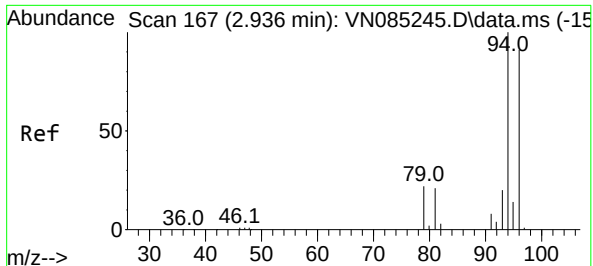
Tgt Ion:168 Resp: 146012
Ion Ratio Lower Upper
168 100
99 65.5 50.7 76.1



#3
Chloromethane
Concen: 0.263 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

Tgt Ion: 50 Resp: 584
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#

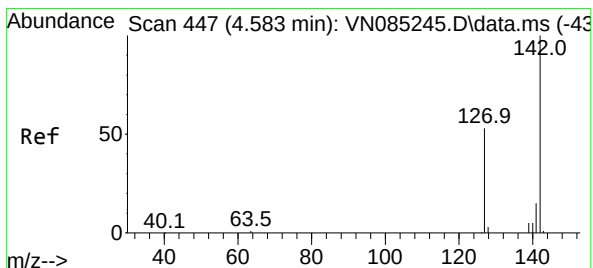
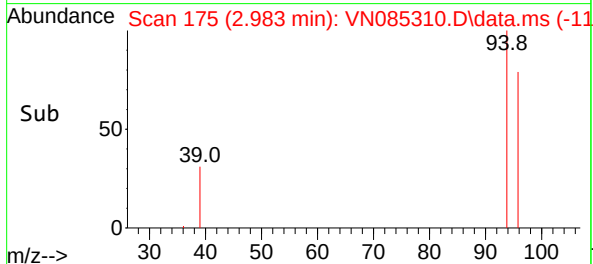
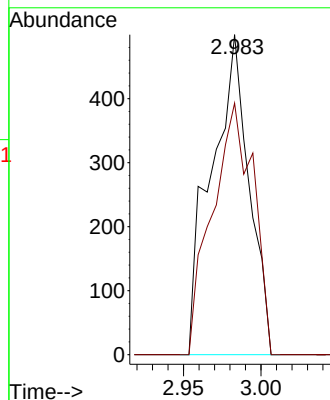
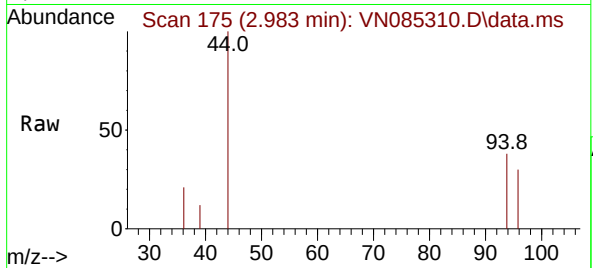




#5
Bromomethane
Concen: 0.620 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

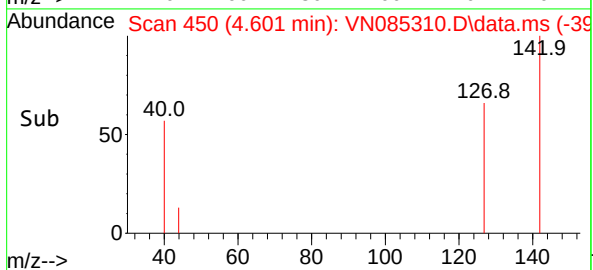
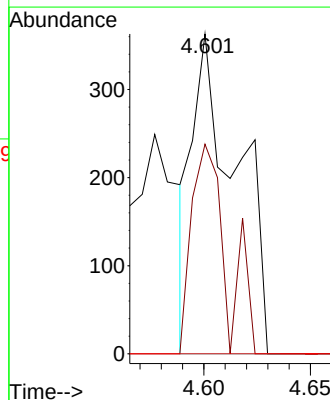
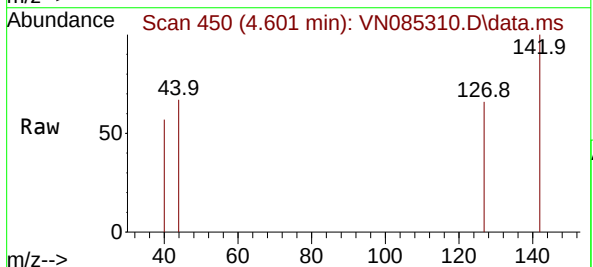
Instrument :
MSVOA_N
ClientSampleId :

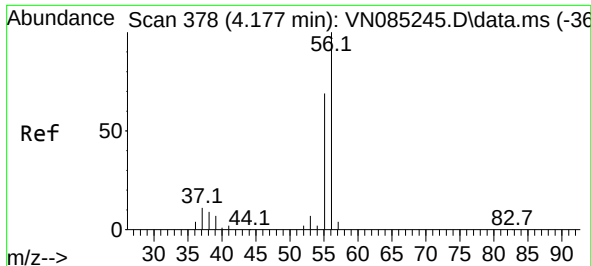
Tgt Ion: 94 Resp: 845
Ion Ratio Lower Upper
94 100
96 78.6 76.8 115.2



#10
Methyl Iodide
Concen: 0.255 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.011 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

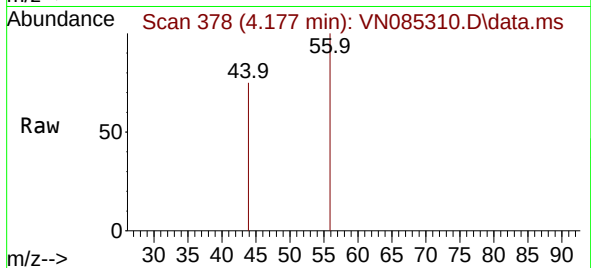
Tgt Ion: 142 Resp: 523
Ion Ratio Lower Upper
142 100
127 65.6 42.5 63.7#
141 0.0 10.2 15.4#



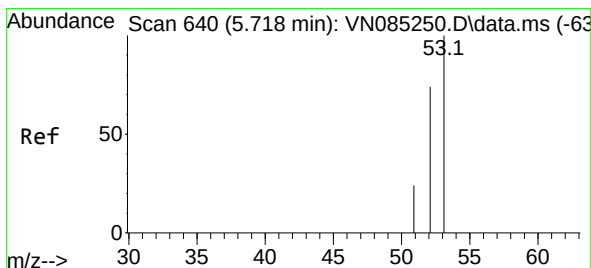
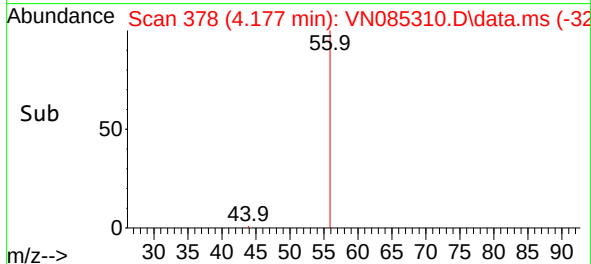
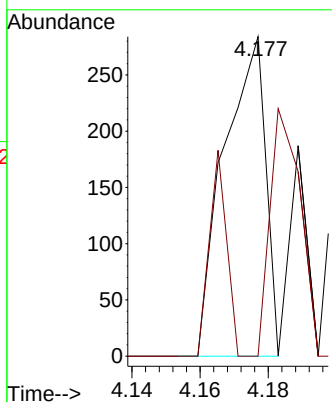


#13
Acrolein
Concen: 0.585 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :

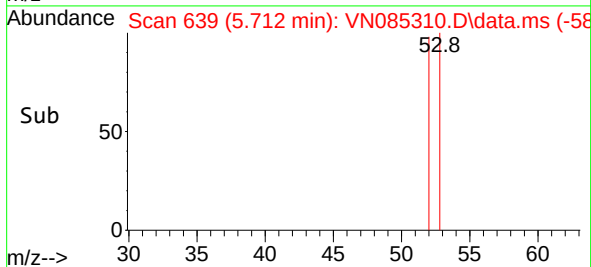
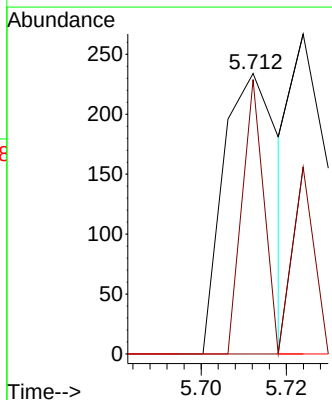
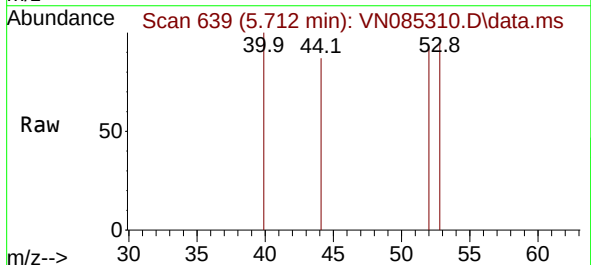


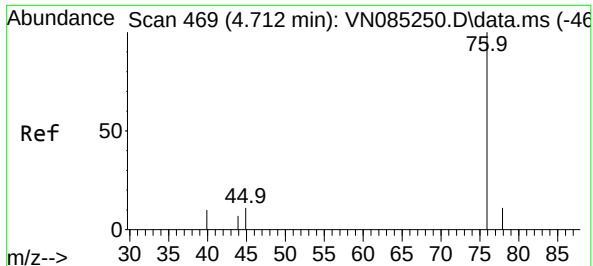
Tgt Ion: 56 Resp: 239
Ion Ratio Lower Upper
56 100
55 56.5 59.0 88.6#



#15
Acrylonitrile
Concen: 0.224 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

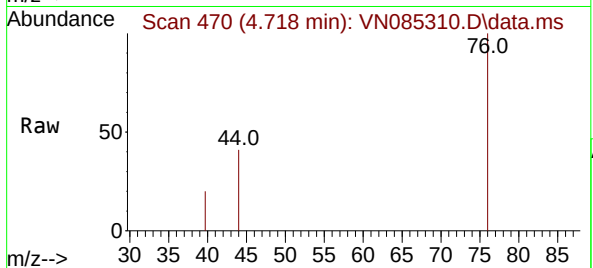
Tgt Ion: 53 Resp: 216
Ion Ratio Lower Upper
53 100
52 63.0 66.3 99.5#
51 0.0 28.2 42.2#



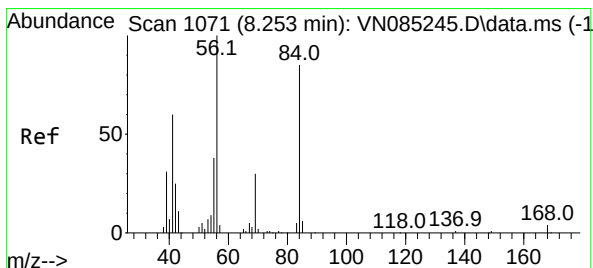
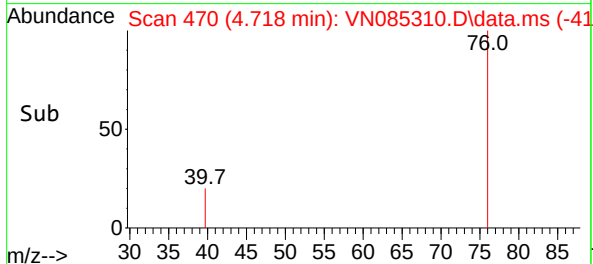
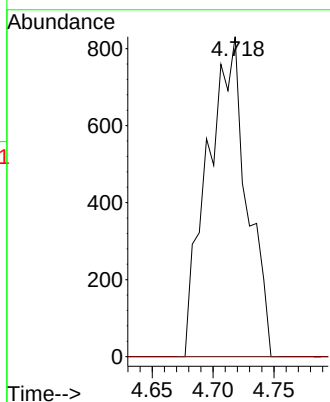


#17
Carbon Disulfide
Concen: 0.328 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :

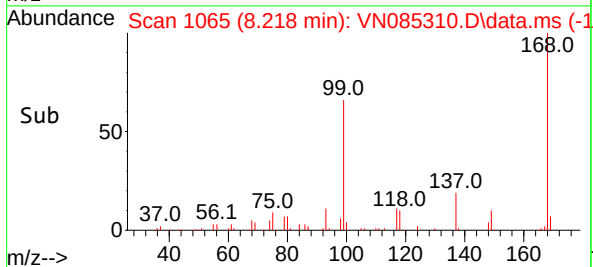
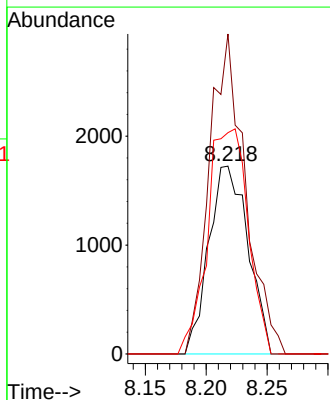
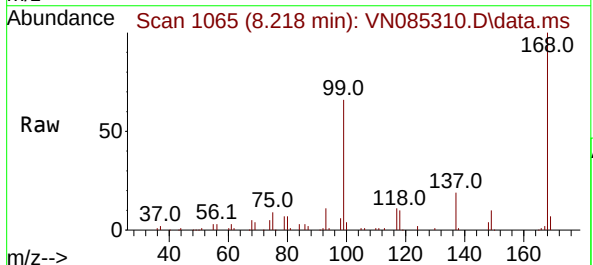


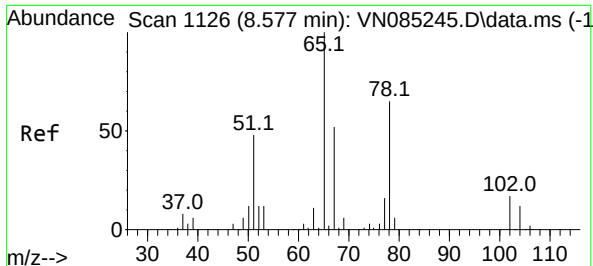
Tgt Ion: 76 Resp: 1868
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#31
Cyclohexane
Concen: 1.175 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

Tgt Ion: 56 Resp: 3880
Ion Ratio Lower Upper
56 100
69 170.3 23.6 35.4#
84 117.7 66.6 99.8#





#33

1,2-Dichloroethane-d4

Concen: 43.047 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN085310.D

Acq: 26 Dec 2024 10:49

Instrument :

MSVOA_N

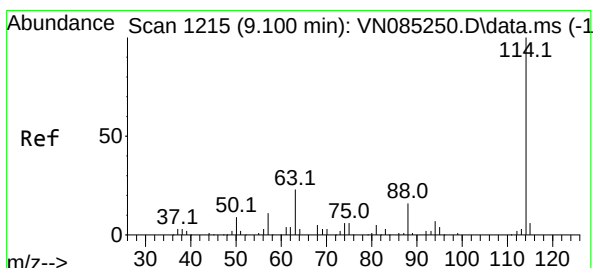
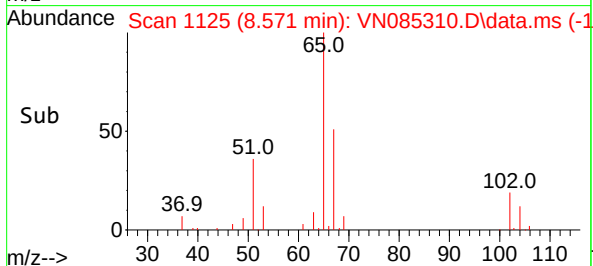
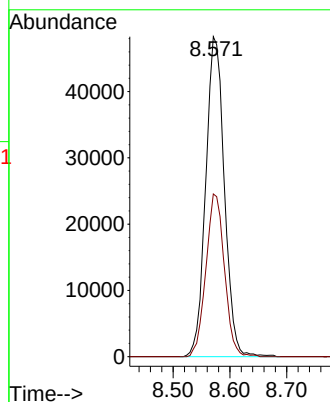
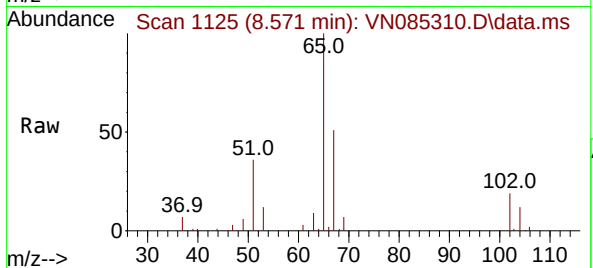
ClientSampleId :

Tgt Ion: 65 Resp: 109859

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN085310.D

Acq: 26 Dec 2024 10:49

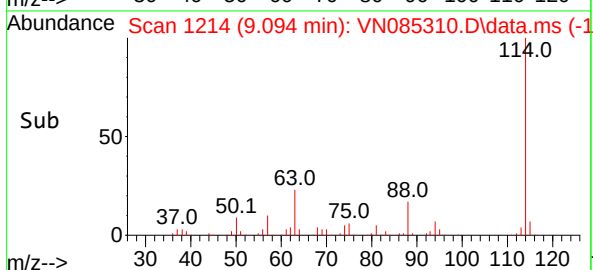
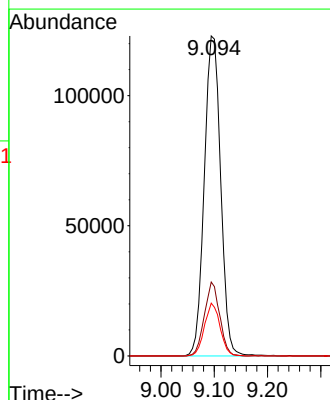
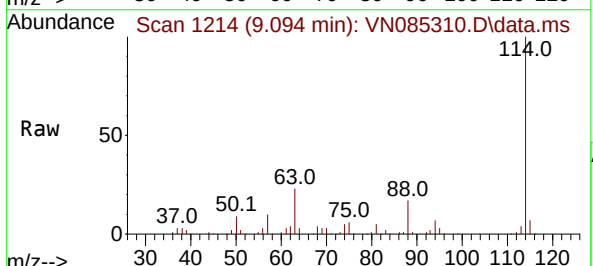
Tgt Ion: 114 Resp: 262613

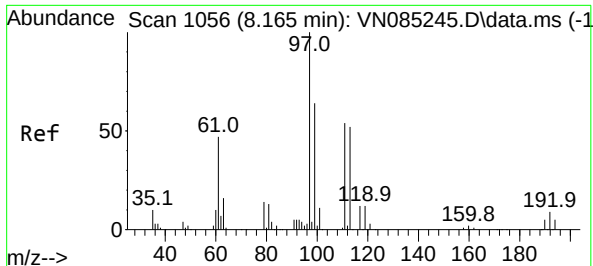
Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.2

88 16.5 0.0 32.6

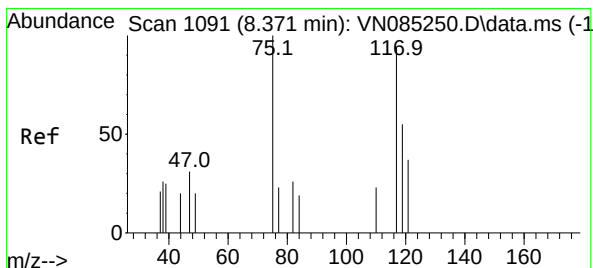
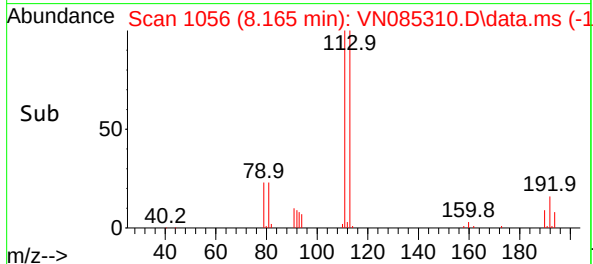
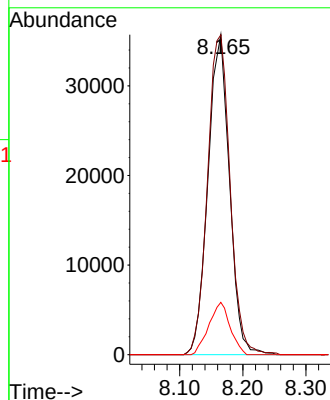
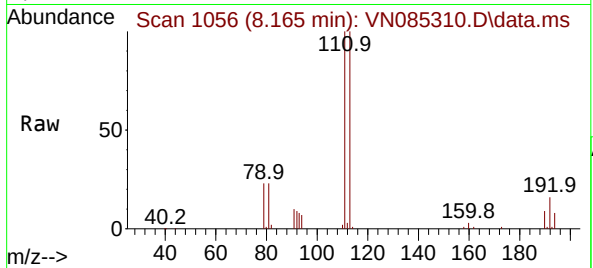




#35
Dibromofluoromethane
Concen: 45.782 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

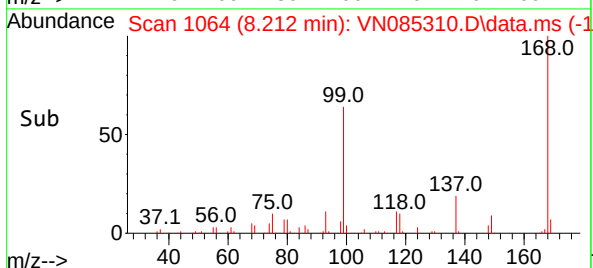
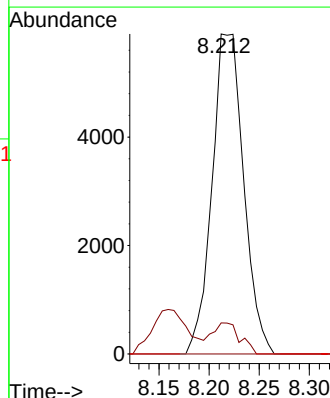
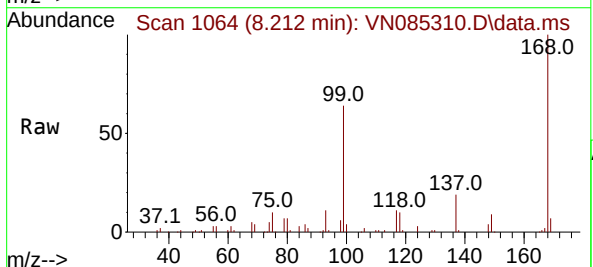
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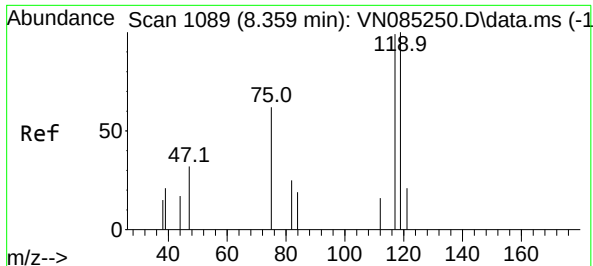
Tgt Ion:113 Resp: 84527
Ion Ratio Lower Upper
113 100
111 104.7 82.1 123.1
192 16.1 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.043 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.153 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

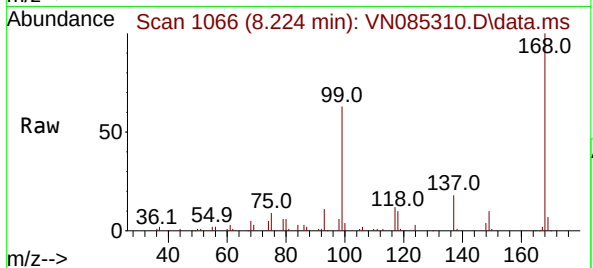
Tgt Ion: 75 Resp: 12966
Ion Ratio Lower Upper
75 100
110 8.5 16.0 48.0#
77 0.0 24.6 36.8#



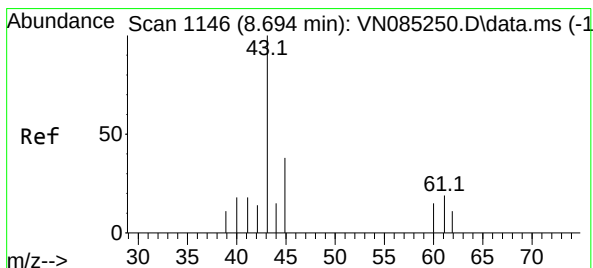
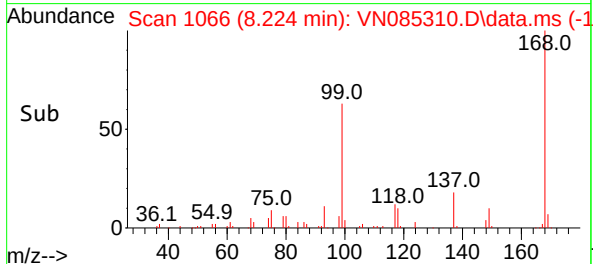
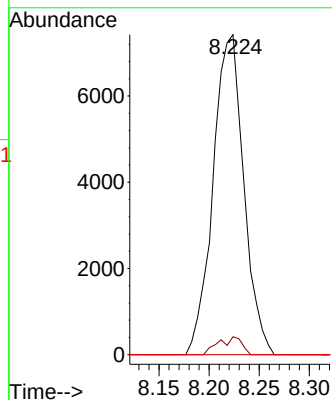


#38
Carbon Tetrachloride
Concen: 5.092 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :

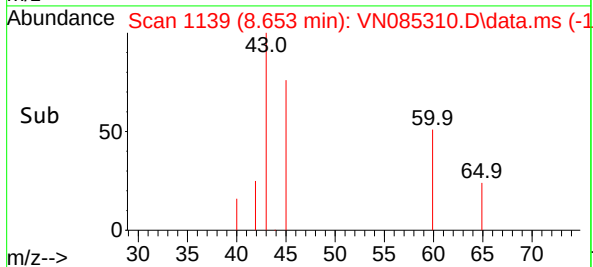
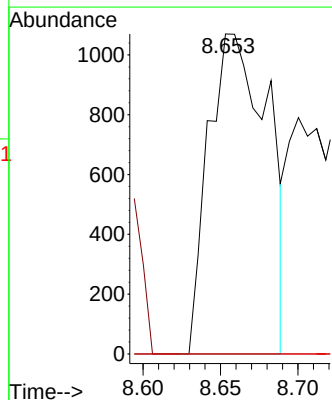
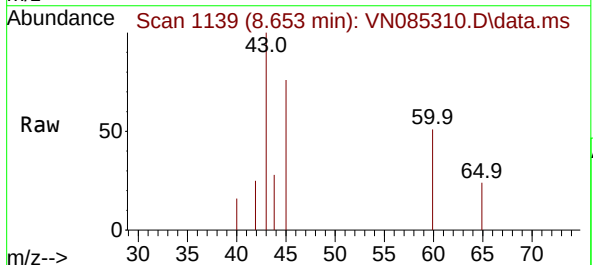


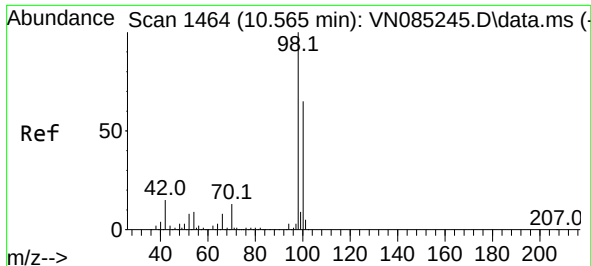
Tgt Ion:117 Resp: 15828
Ion Ratio Lower Upper
117 100
119 5.6 74.8 112.2#
121 0.0 24.2 36.4#



#43
Isopropyl Acetate
Concen: 0.526 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.029 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

Tgt Ion: 43 Resp: 2852
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.3 13.9#

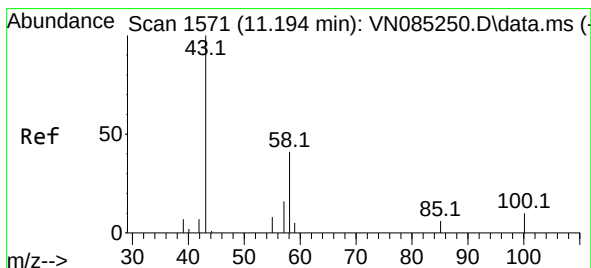
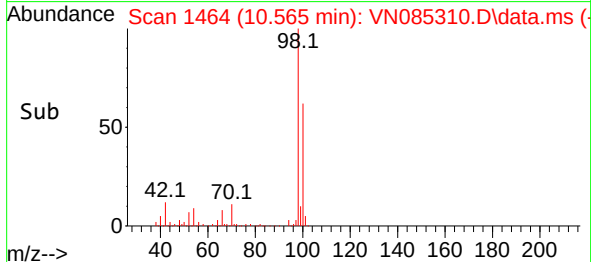
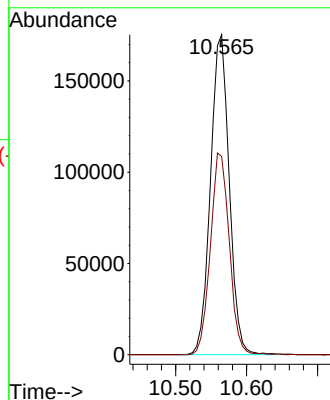
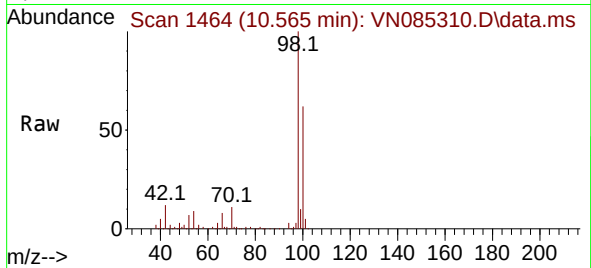




#50
Toluene-d8
Concen: 47.558 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

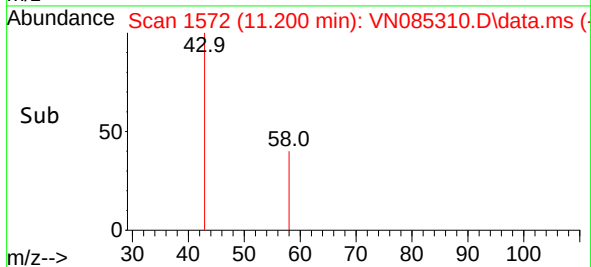
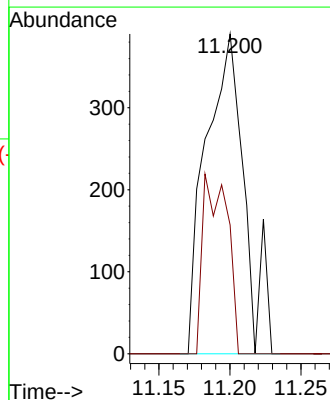
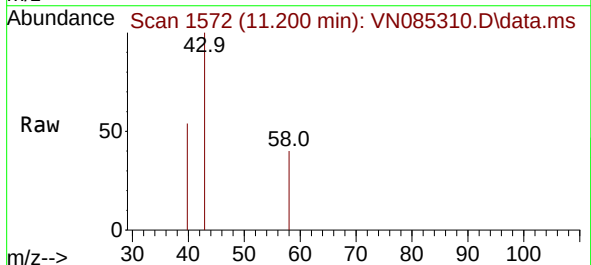
Instrument :
MSVOA_N
ClientSampleId :

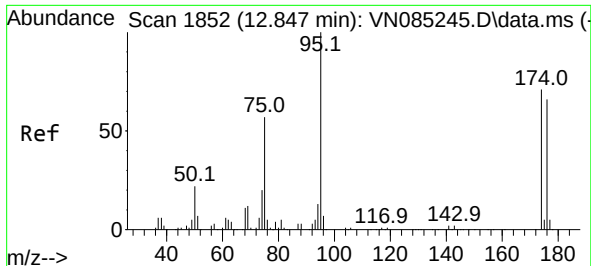
Tgt Ion: 98 Resp: 320933
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#59
2-Hexanone
Concen: 0.363 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
58 36.0 25.8 77.4

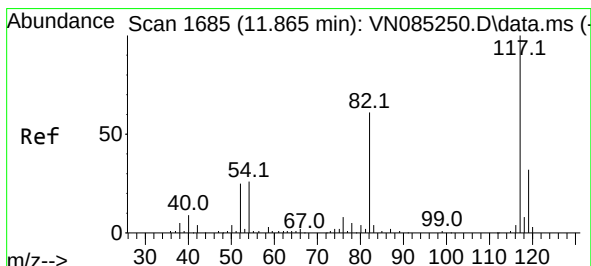
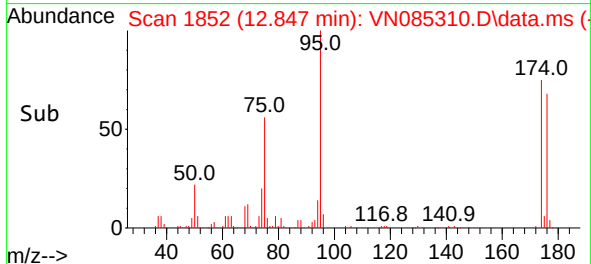
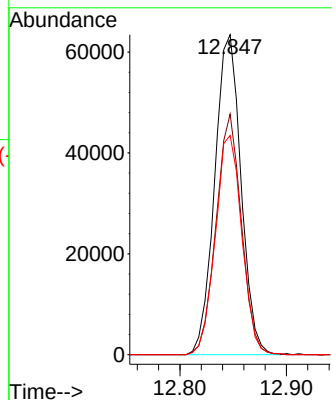
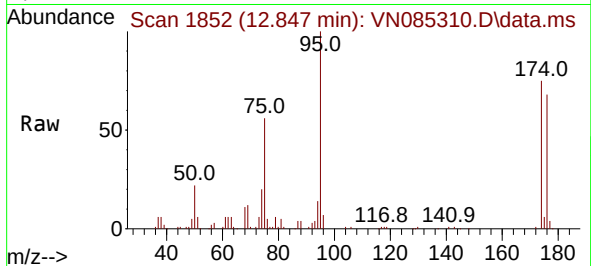




#62
4-Bromofluorobenzene
Concen: 45.047 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

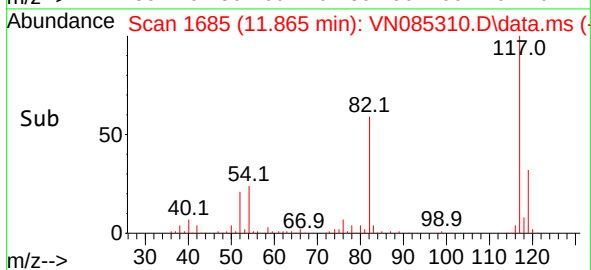
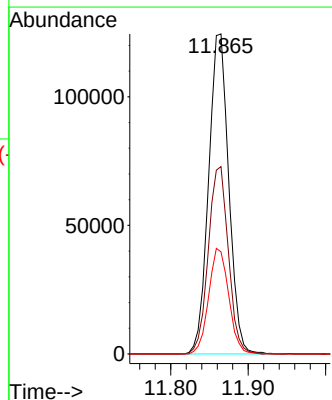
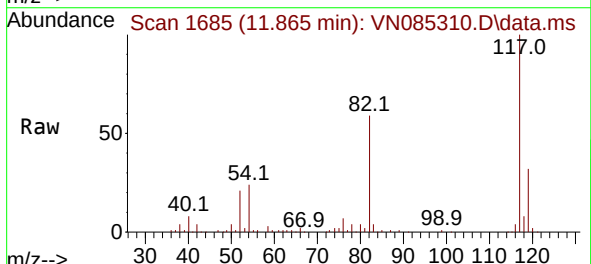
Instrument :
MSVOA_N
ClientSampleId :

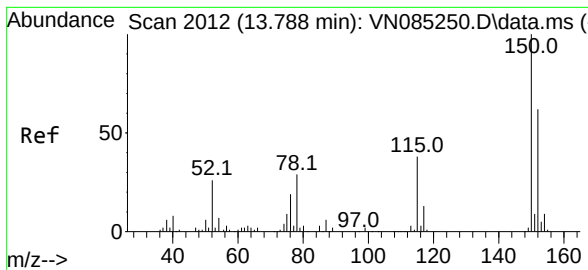
Tgt Ion: 95 Resp: 108575
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.4
176 69.1 0.0 136.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

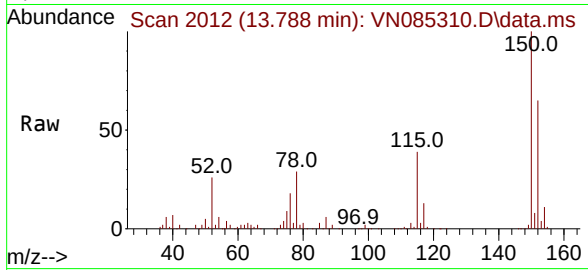
Tgt Ion: 117 Resp: 224800
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 31.9 25.6 38.4



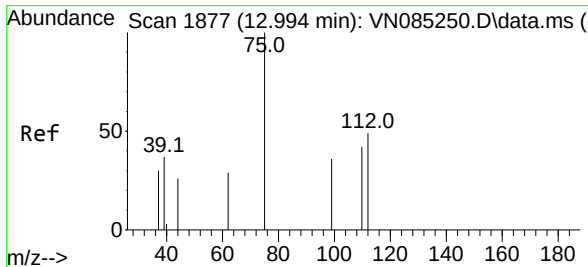
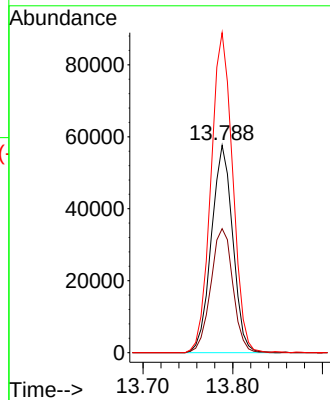
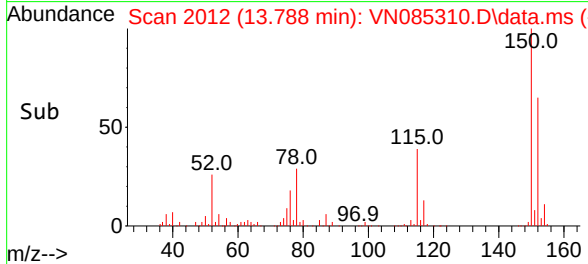


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085310.D
 Acq: 26 Dec 2024 10:49

Instrument :
 MSVOA_N
 ClientSampleId :

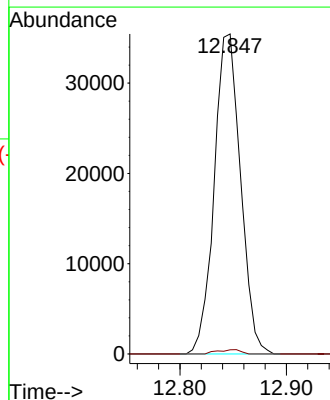
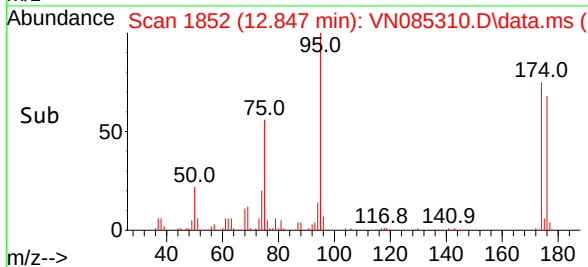
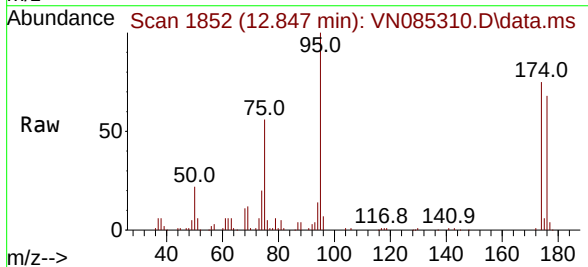


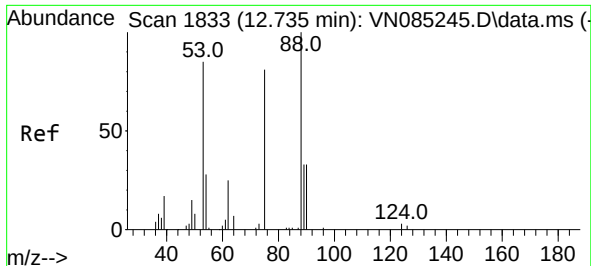
Tgt Ion:152 Resp: 95366
 Ion Ratio Lower Upper
 152 100
 115 61.7 32.1 96.3
 150 156.7 0.0 354.6



#76
 1,2,3-Trichloropropane
 Concen: 26.703 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN085310.D
 Acq: 26 Dec 2024 10:49

Tgt Ion: 75 Resp: 60701
 Ion Ratio Lower Upper
 75 100
 77 1.2 102.6 307.7#

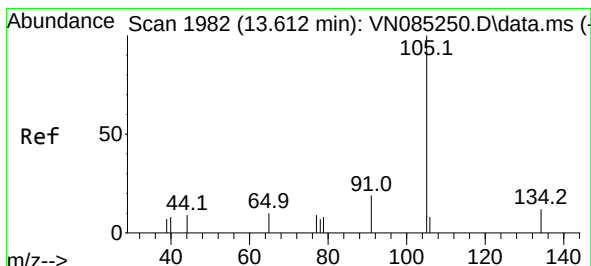
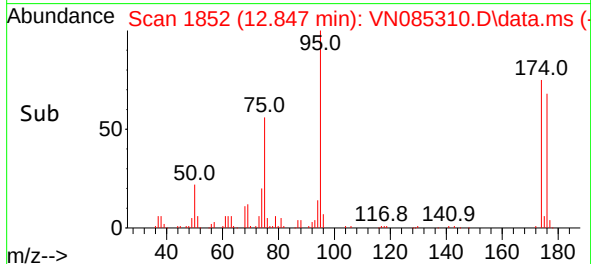
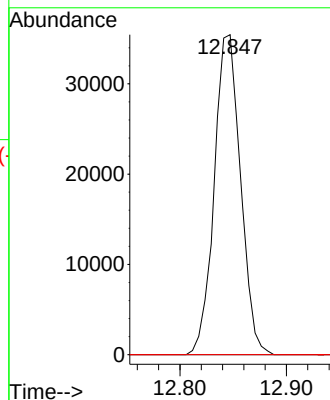
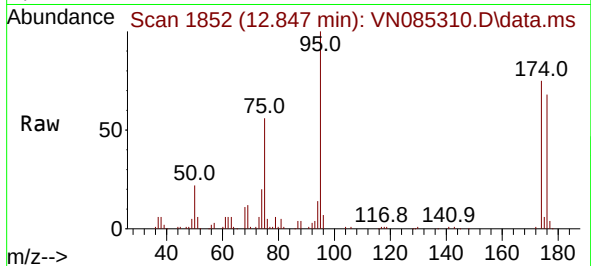




#81
trans-1,4-Dichloro-2-butene
Concen: 70.904 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

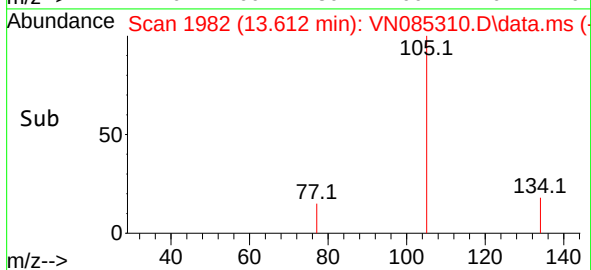
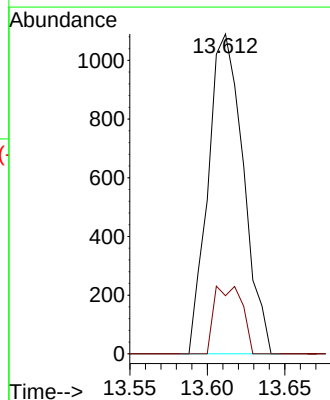
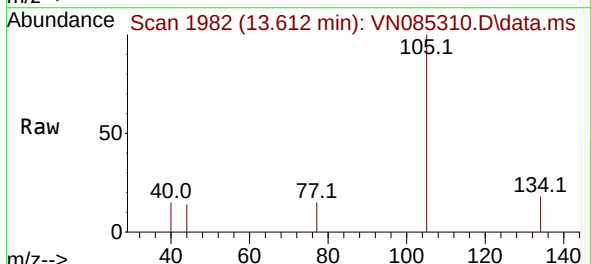
Instrument :
MSVOA_N
ClientSampleId :

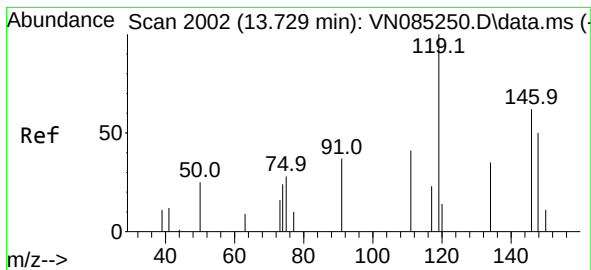
Tgt Ion: 75 Resp: 60701
Ion Ratio Lower Upper
75 100
53 0.0 84.9 127.3#
89 0.0 37.9 56.9#



#85
sec-Butylbenzene
Concen: 0.254 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

Tgt Ion: 105 Resp: 1724
Ion Ratio Lower Upper
105 100
134 16.8 9.4 28.3

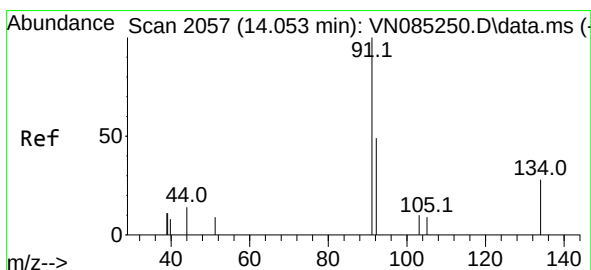
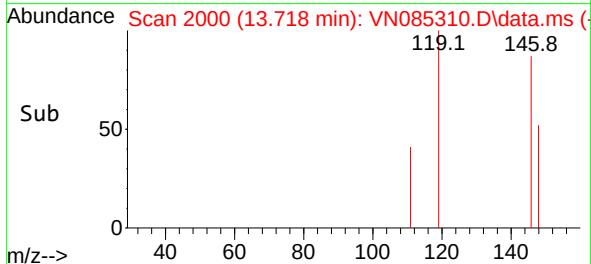
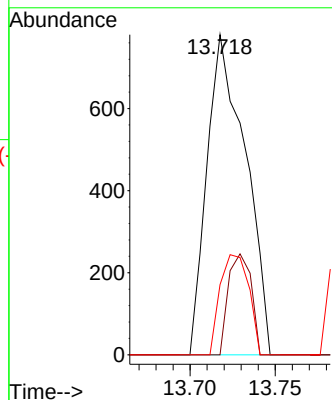
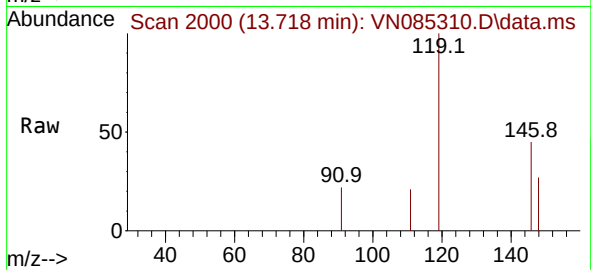




#86
p-Isopropyltoluene
Concen: 2.126 ug/l
RT: 13.718 min Scan# 2000
Delta R.T. -0.012 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

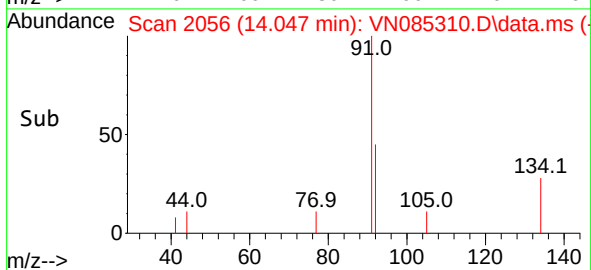
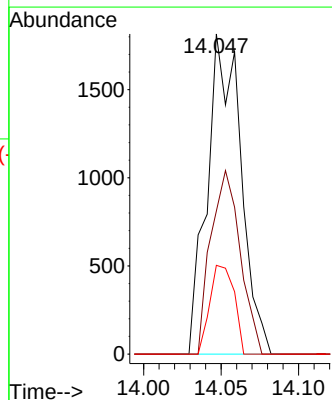
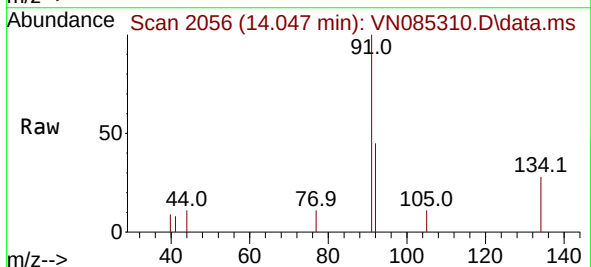
Instrument :
MSVOA_N
ClientSampleId :

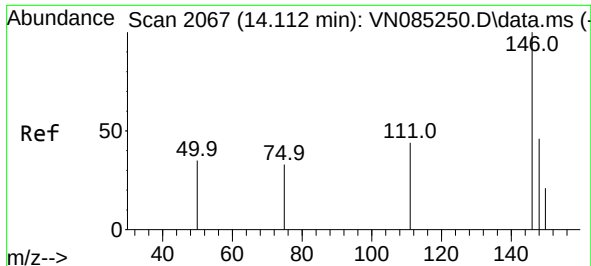
Tgt Ion:119 Resp: 1221
Ion Ratio Lower Upper
119 100
134 18.8 12.5 37.5
91 23.4 13.0 38.9



#89
n-Butylbenzene
Concen: 0.548 ug/l
RT: 14.047 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

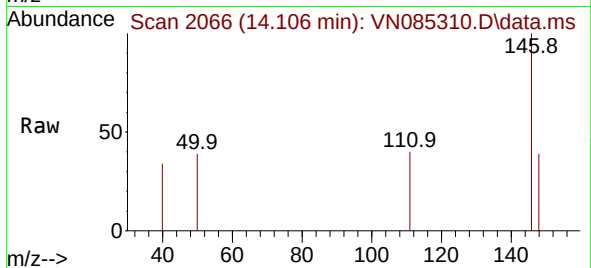
Tgt Ion: 91 Resp: 2736
Ion Ratio Lower Upper
91 100
92 50.1 25.8 77.3
134 20.0 12.0 36.0



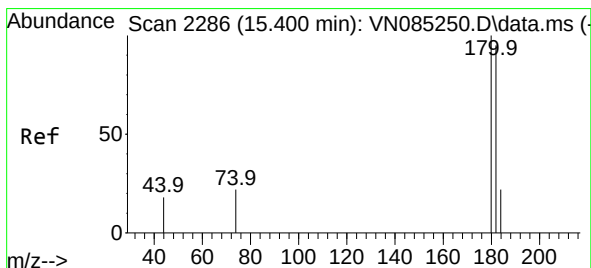
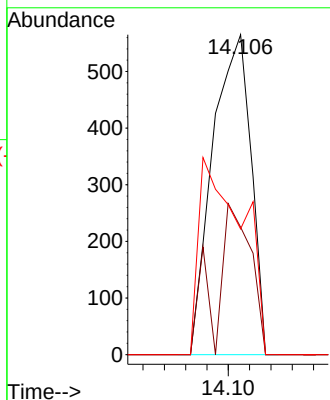
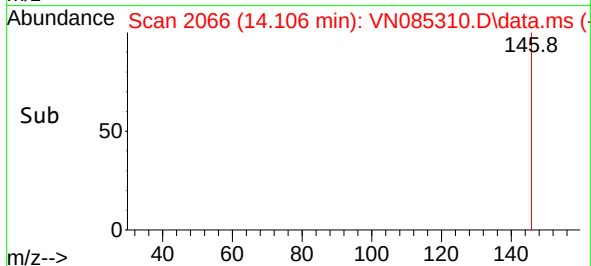


#91
1,2-Dichlorobenzene
Concen: 0.228 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :

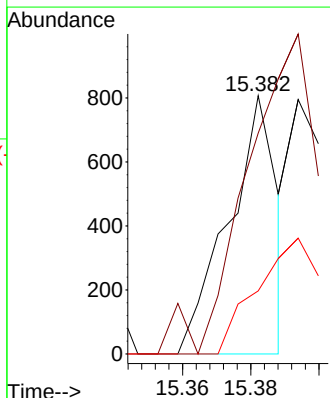
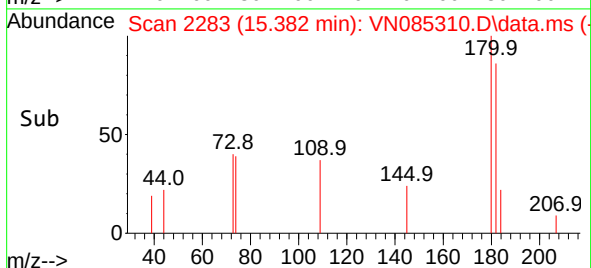
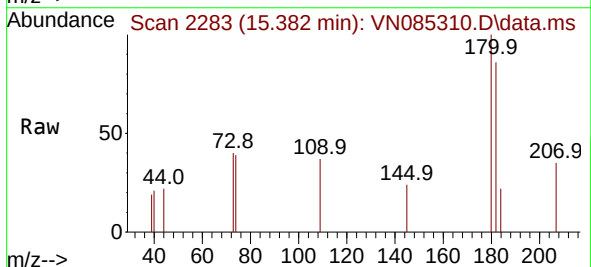


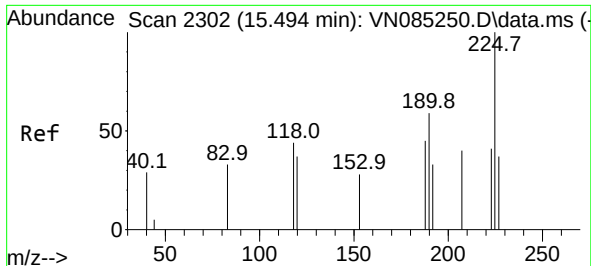
Tgt Ion:146 Resp: 706
Ion Ratio Lower Upper
146 100
111 43.1 22.1 66.1
148 69.8 31.9 95.9



#93
1,2,4-Trichlorobenzene
Concen: 0.508 ug/l
RT: 15.382 min Scan# 2283
Delta R.T. -0.006 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

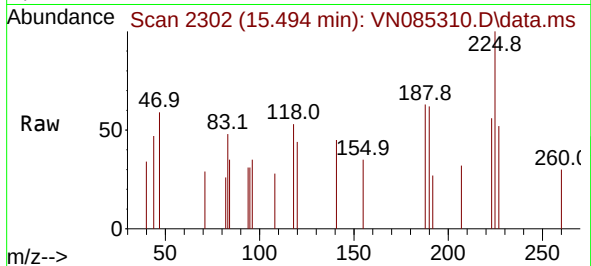
Tgt Ion:180 Resp: 805
Ion Ratio Lower Upper
180 100
182 203.6 46.3 138.8#
145 55.2 16.6 49.7#



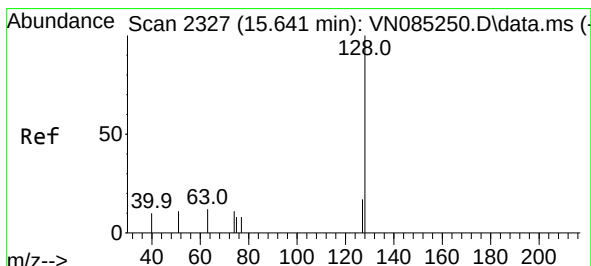
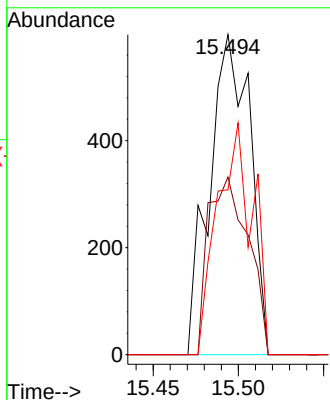
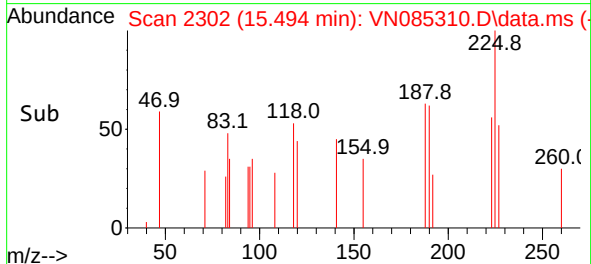


#94
Hexachlorobutadiene
Concen: 1.202 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

Instrument :
MSVOA_N
ClientSampleId :

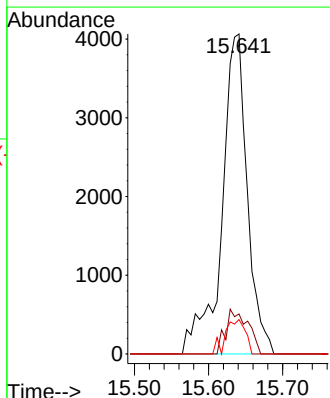
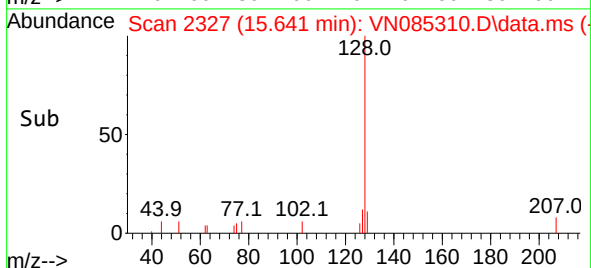
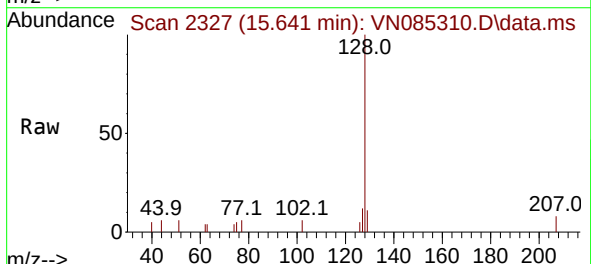


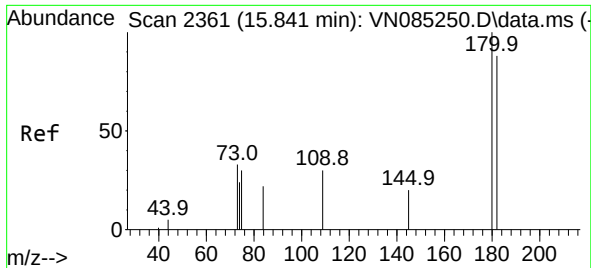
Tgt Ion:225 Resp: 989
Ion Ratio Lower Upper
225 100
223 54.9 34.1 102.2
227 62.8 33.2 99.6



#95
Naphthalene
Concen: 1.849 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN085310.D
Acq: 26 Dec 2024 10:49

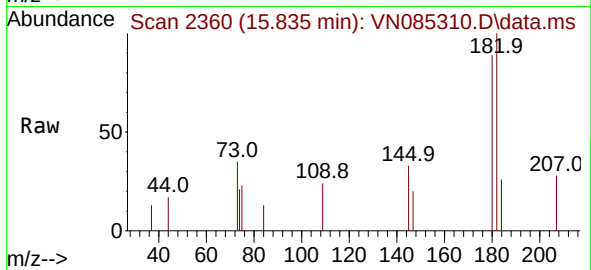
Tgt Ion:128 Resp: 9696
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 8.4 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.286 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN085310.D
 Acq: 26 Dec 2024 10:49

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	2035
Ion	Ratio	Lower	Upper
180	100		
182	121.3	46.9	140.6
145	30.2	17.6	52.8

