

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
 Data File : VN085518.D
 Acq On : 27 Jan 2025 15:48
 Operator : JC\MD
 Sample : VN0127WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 28 02:00:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

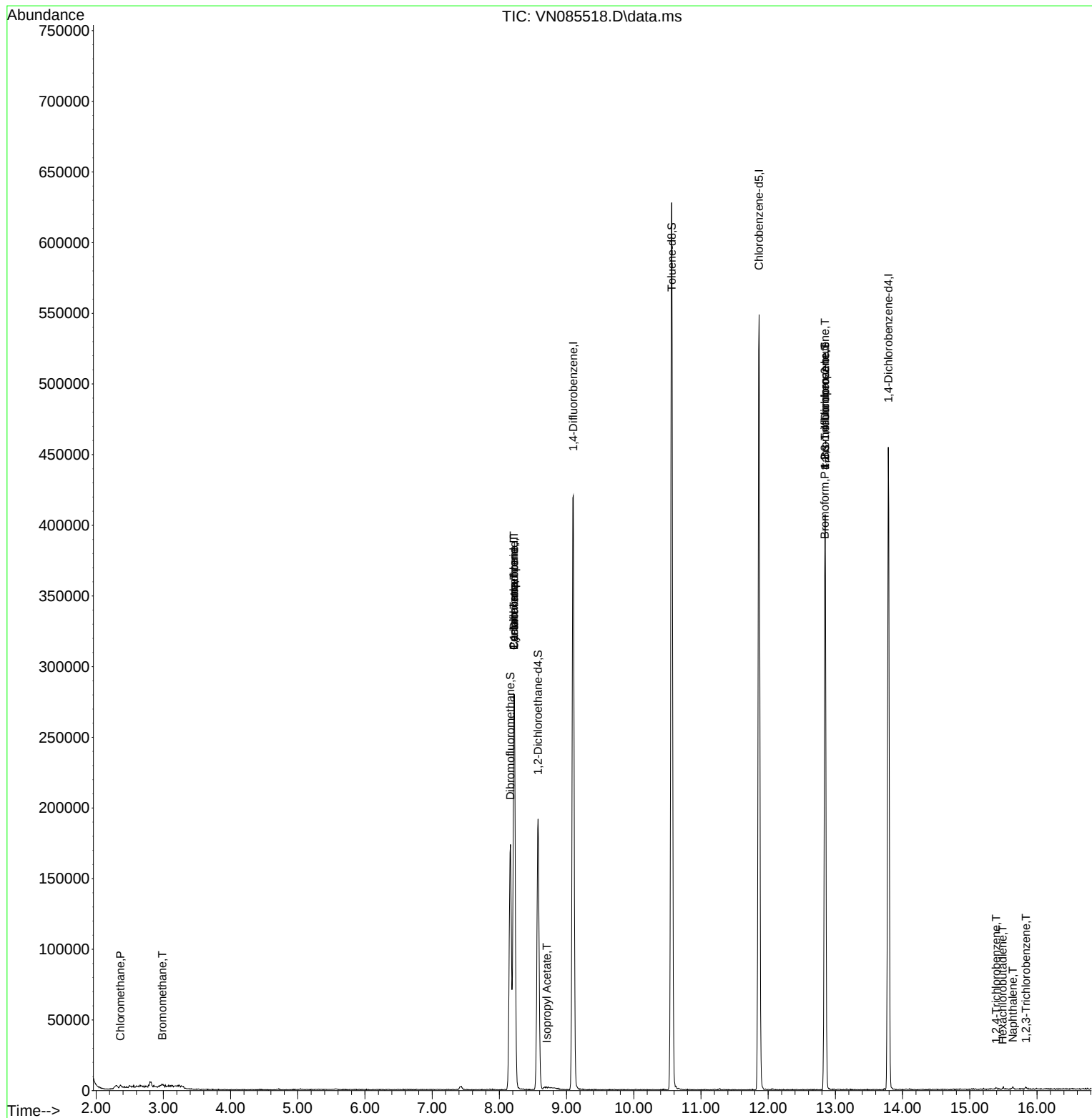
Internal Standards						
1) Pentafluorobenzene	8.218	168	197682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	347425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	163263	51.164	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.320%	
35) Dibromofluoromethane	8.165	113	122921	50.999	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.000%	
50) Toluene-d8	10.565	98	427942	49.972	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	12.847	95	134001	45.743	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	775	0.267	ug/l	99
5) Bromomethane	2.983	94	966	0.549	ug/l #	73
31) Cyclohexane	8.218	56	5266	1.300	ug/l #	4
36) 1,1-Dichloropropene	8.218	75	17926	5.299	ug/l #	51
38) Carbon Tetrachloride	8.218	117	21917	5.659	ug/l #	17
43) Isopropyl Acetate	8.706	43	1694	0.310	ug/l #	55
71) Bromoform	12.841	173	539	0.315	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	75341	31.783	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75341	85.991	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.394	180	541	0.308	ug/l #	78
94) Hexachlorobutadiene	15.488	225	278	0.298	ug/l	88
95) Naphthalene	15.641	128	2157	0.412	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.835	180	636	0.358	ug/l #	78

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
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Sample : VN0127WBL01
Misc : 5.0mL/MSVOA_N/WATER
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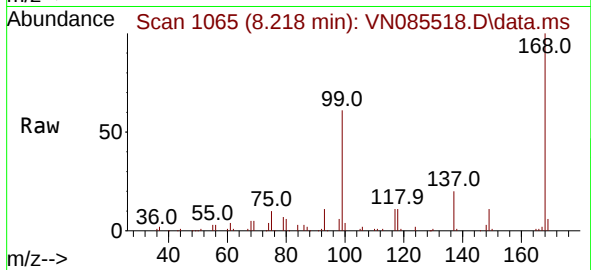
Quant Time: Jan 28 02:00:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
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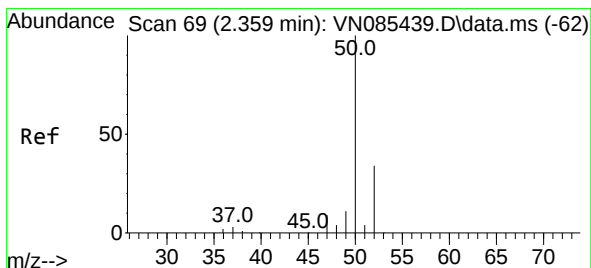
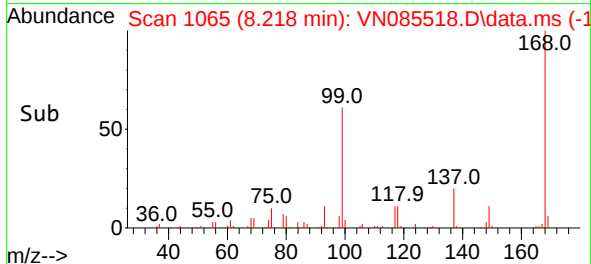
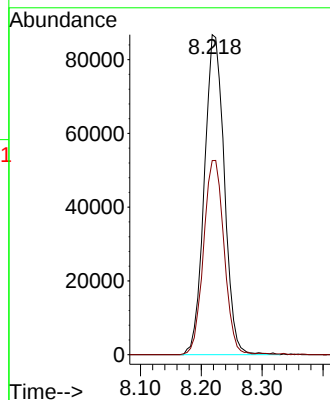


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085518.D
Acq: 27 Jan 2025 15:48

Instrument :
MSVOA_N
ClientSampleId :

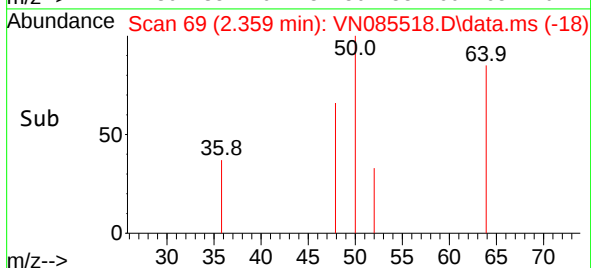
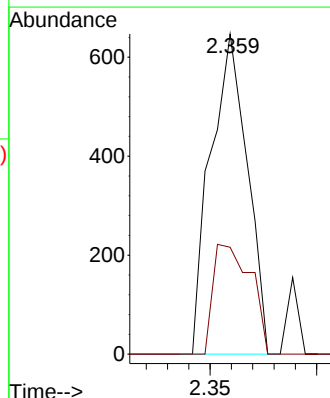
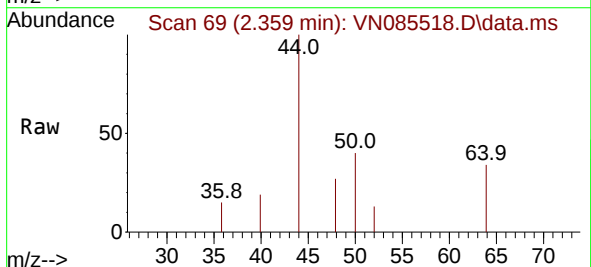


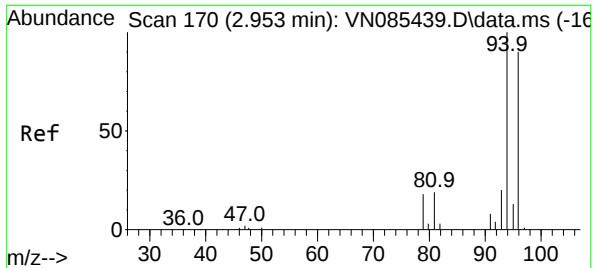
Tgt Ion:168 Resp: 197682
Ion Ratio Lower Upper
168 100
99 60.7 53.6 80.4



#3
Chloromethane
Concen: 0.267 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085518.D
Acq: 27 Jan 2025 15:48

Tgt Ion: 50 Resp: 775
Ion Ratio Lower Upper
50 100
52 33.4 27.0 40.6

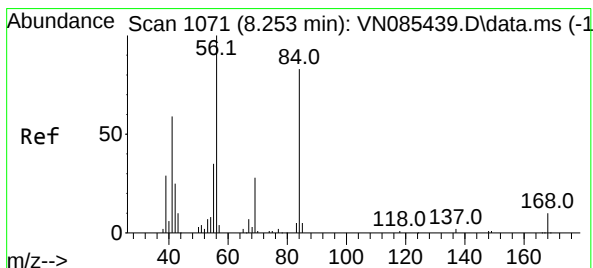
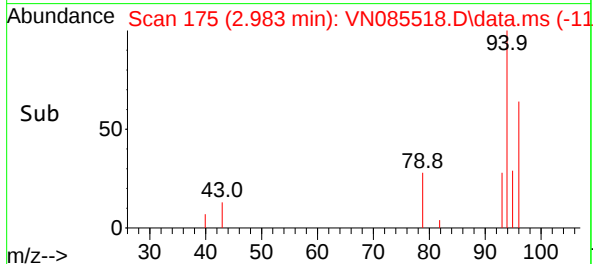
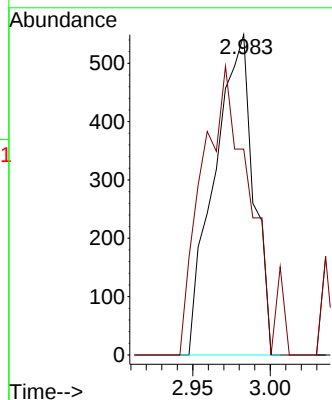
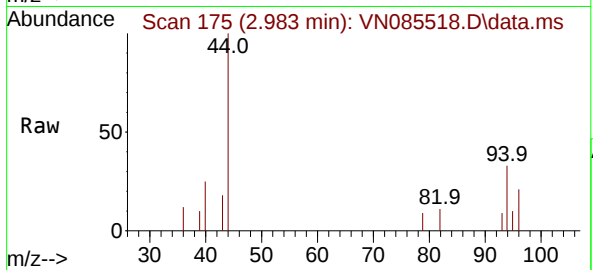




#5
Bromomethane
Concen: 0.549 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN085518.D
Acq: 27 Jan 2025 15:48

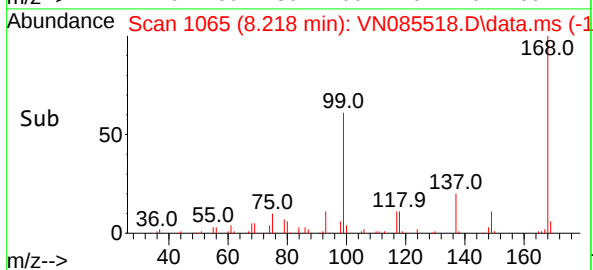
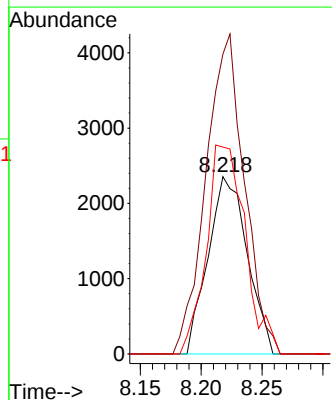
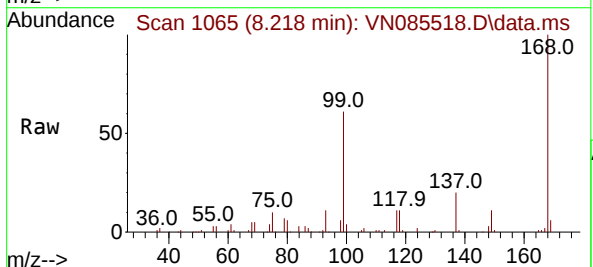
Instrument :
MSVOA_N
ClientSampleId :

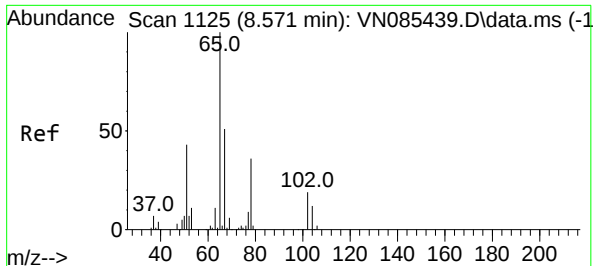
Tgt Ion: 94 Resp: 966
Ion Ratio Lower Upper
94 100
96 64.3 71.8 107.6#



#31
Cyclohexane
Concen: 1.300 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085518.D
Acq: 27 Jan 2025 15:48

Tgt Ion: 56 Resp: 5266
Ion Ratio Lower Upper
56 100
69 169.2 22.2 33.4#
84 116.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 51.164 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085518.D

Acq: 27 Jan 2025 15:48

Instrument :

MSVOA_N

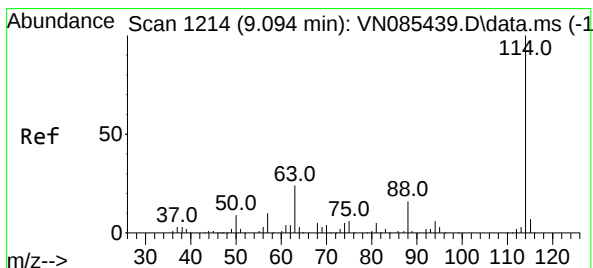
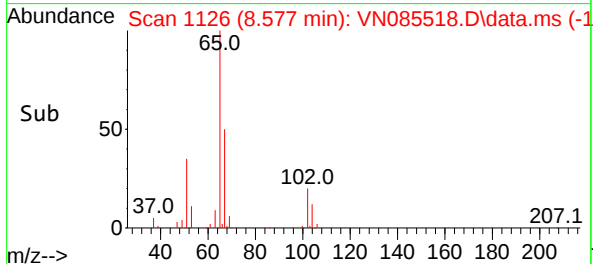
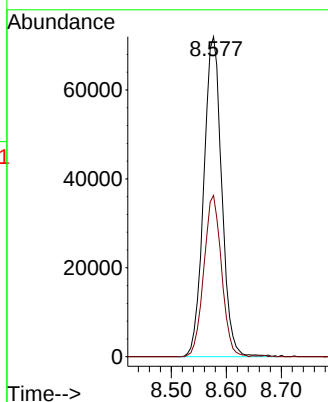
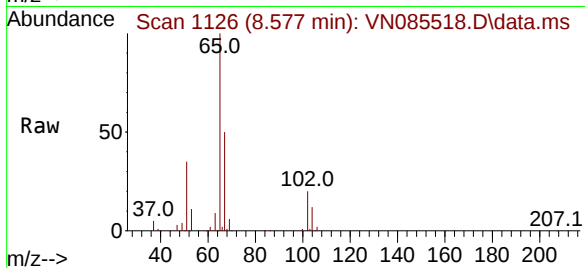
ClientSampleId :

Tgt Ion: 65 Resp: 163263

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085518.D

Acq: 27 Jan 2025 15:48

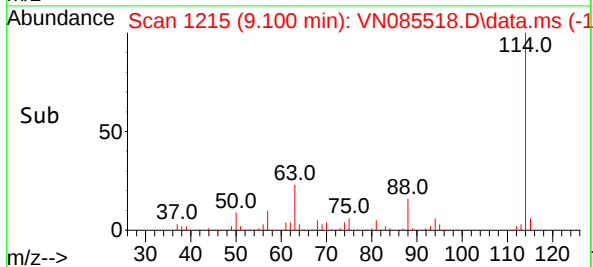
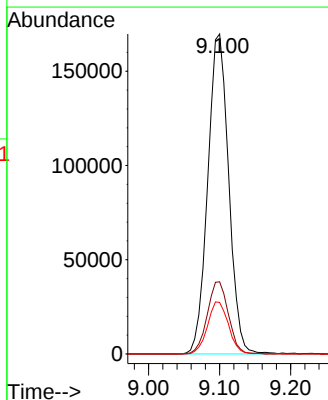
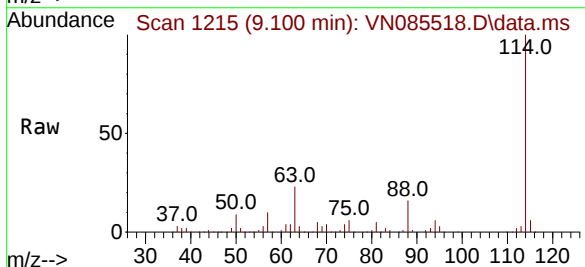
Tgt Ion: 114 Resp: 347425

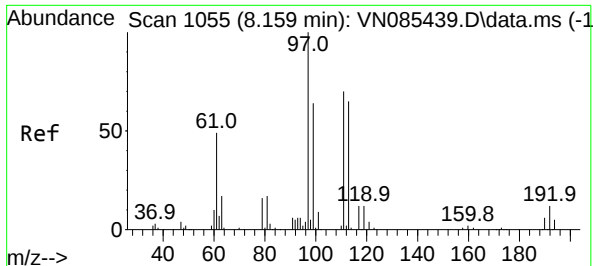
Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.6

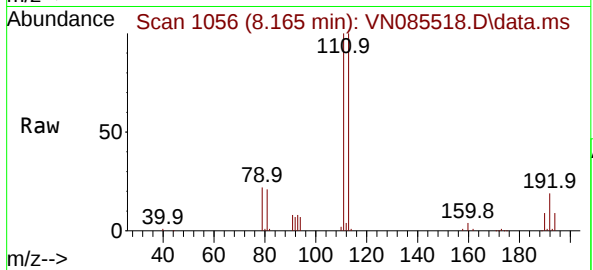
88 16.1 0.0 32.6



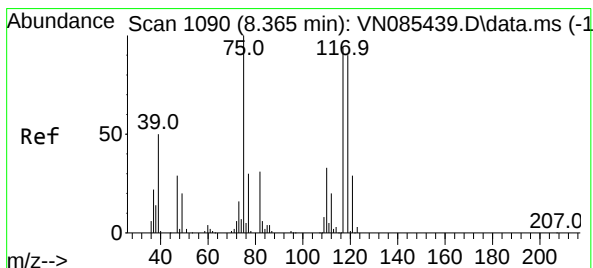
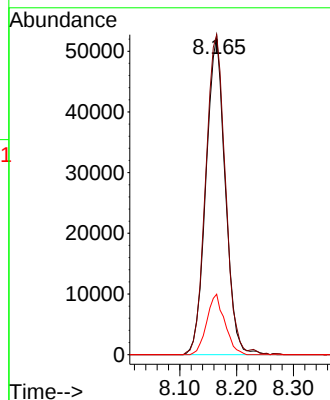
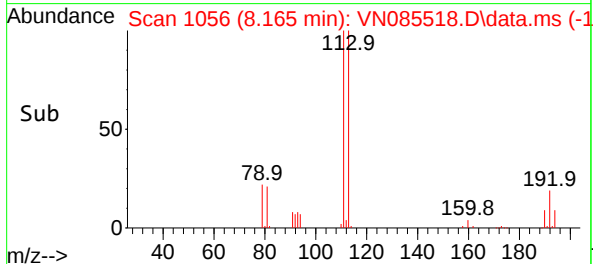


#35
Dibromofluoromethane
Concen: 50.999 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085518.D
Acq: 27 Jan 2025 15:48

Instrument :
MSVOA_N
ClientSampleId :

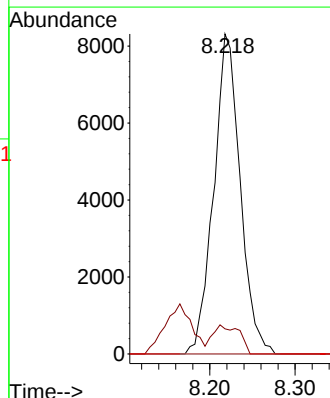
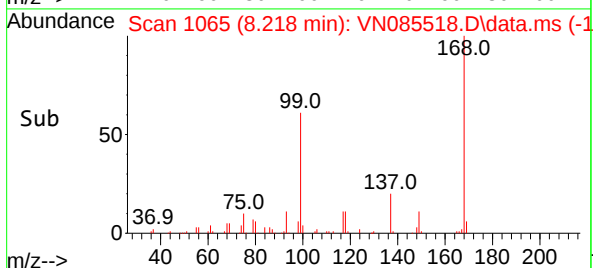
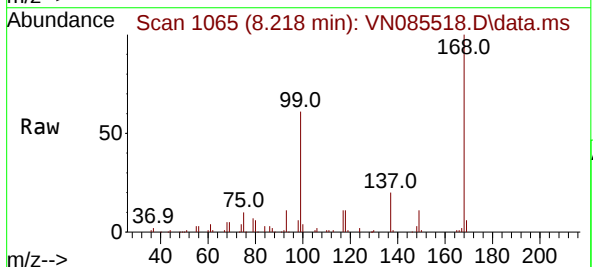


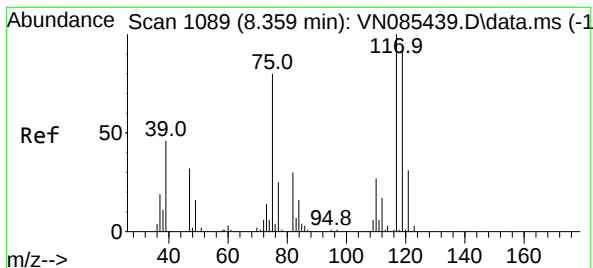
Tgt Ion:113 Resp: 122921
Ion Ratio Lower Upper
113 100
111 103.2 82.7 124.1
192 17.8 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.299 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085518.D
Acq: 27 Jan 2025 15:48

Tgt Ion: 75 Resp: 17926
Ion Ratio Lower Upper
75 100
110 9.1 16.5 49.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.659 ug/l

RT: 8.218 min Scan# 110

Delta R.T. -0.141 min

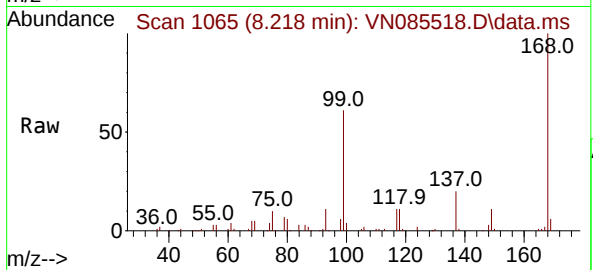
Lab File: VN085518.D

Acq: 27 Jan 2025 15:48

Instrument :

MSVOA_N

ClientSampleId :



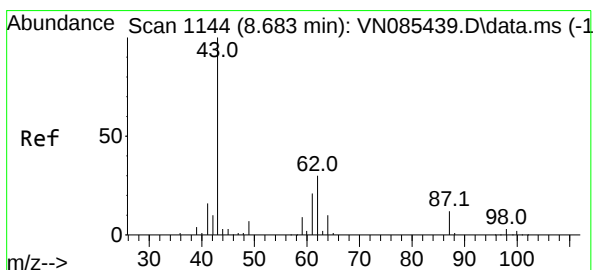
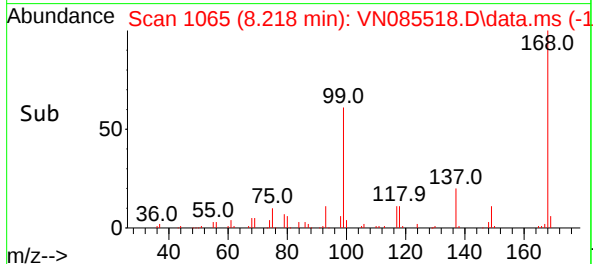
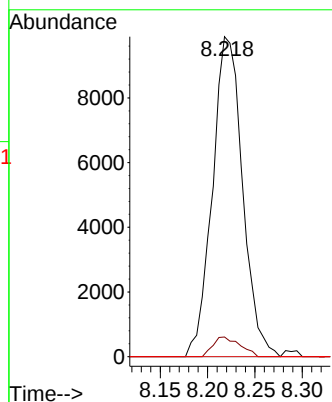
Tgt Ion:117 Resp: 21917

Ion Ratio Lower Upper

117 100

119 6.1 75.4 113.2#

121 0.0 24.6 37.0#



#43

Isopropyl Acetate

Concen: 0.310 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.023 min

Lab File: VN085518.D

Acq: 27 Jan 2025 15:48

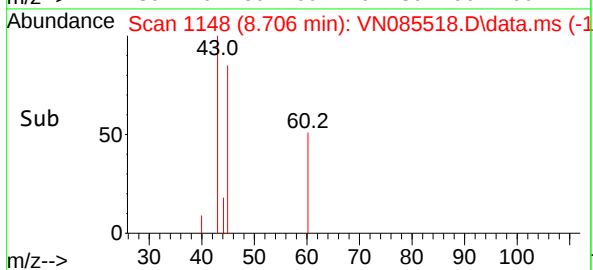
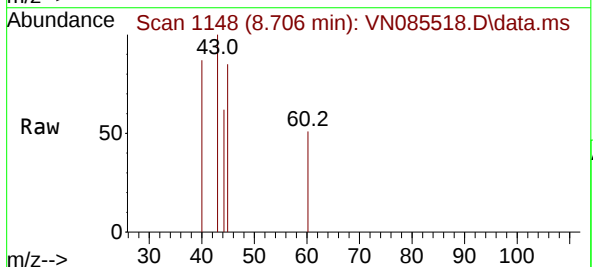
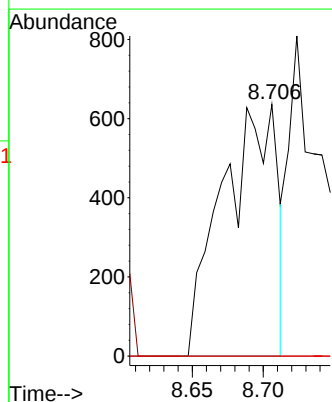
Tgt Ion: 43 Resp: 1694

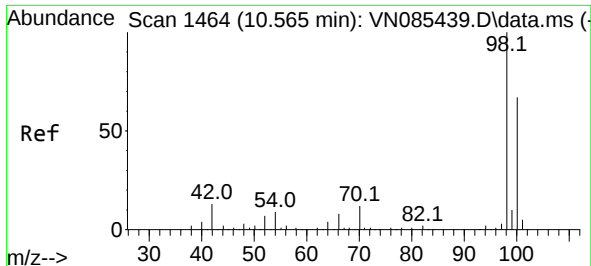
Ion Ratio Lower Upper

43 100

61 0.0 20.7 31.1#

87 0.0 9.8 14.8#

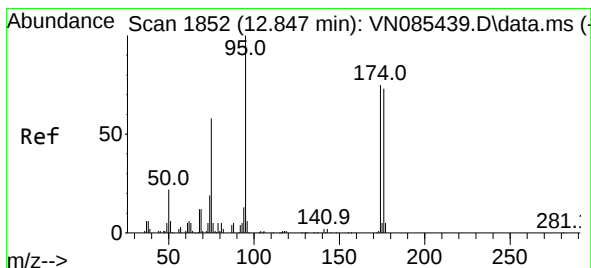
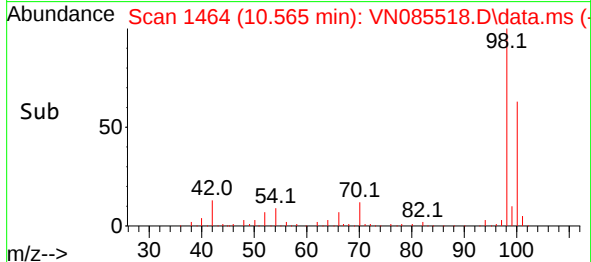
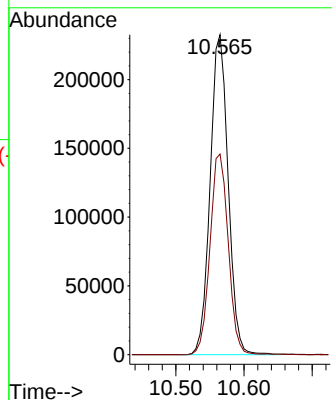
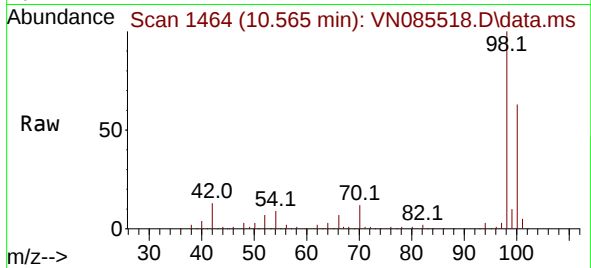




#50
Toluene-d8
Concen: 49.972 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085518.D
Acq: 27 Jan 2025 15:48

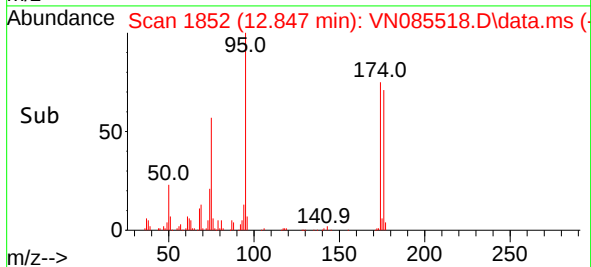
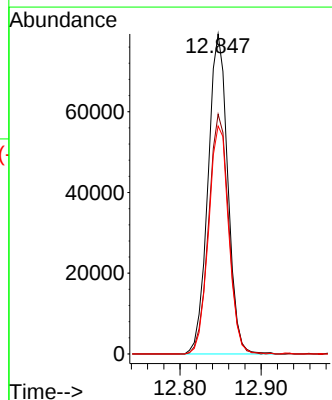
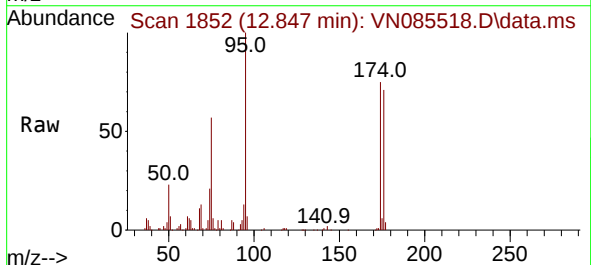
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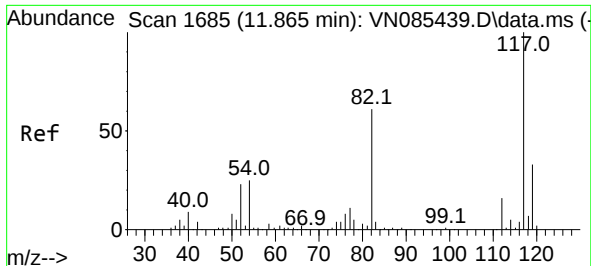
Tgt Ion: 98 Resp: 427942
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.743 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085518.D
Acq: 27 Jan 2025 15:48

Tgt Ion: 95 Resp: 134001
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.0
176 72.5 0.0 142.4

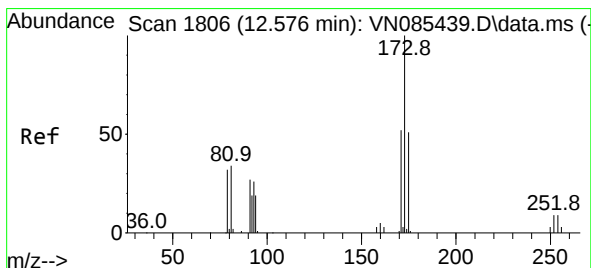
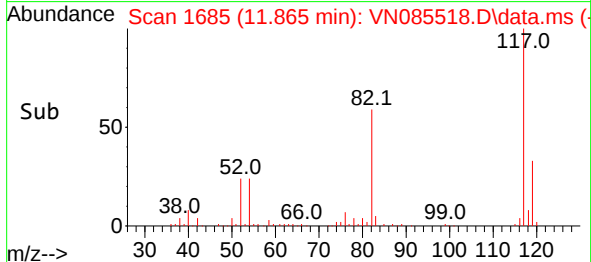
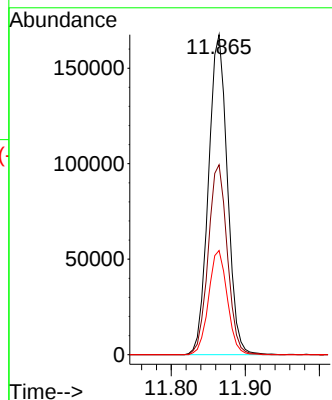
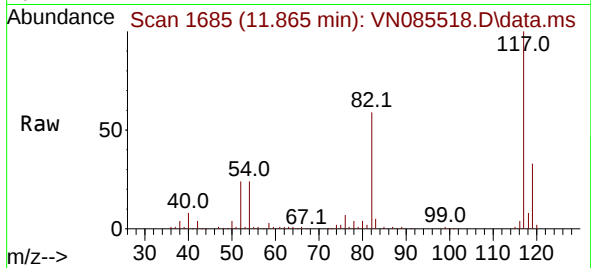




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085518.D
Acq: 27 Jan 2025 15:48

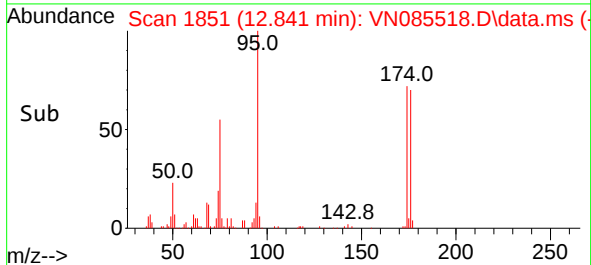
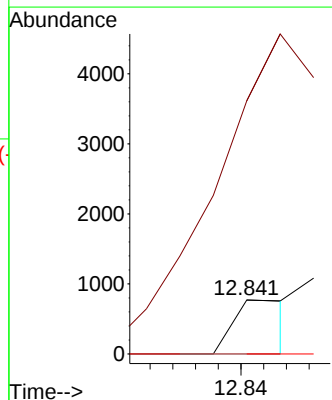
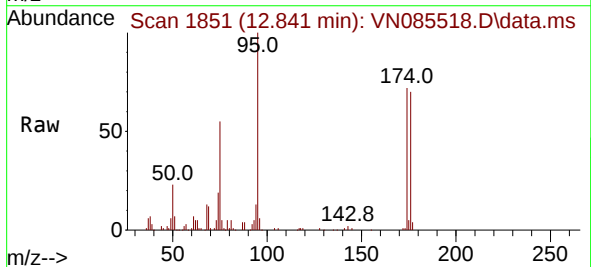
Instrument :
MSVOA_N
ClientSampleId :

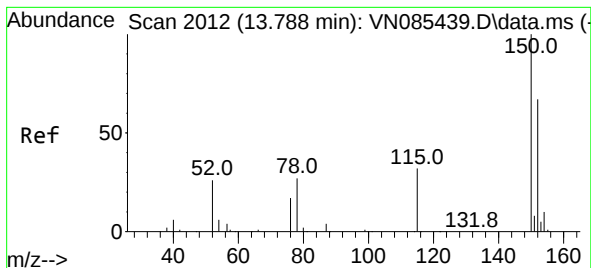
Tgt Ion:117 Resp: 297114
Ion Ratio Lower Upper
117 100
82 59.4 48.6 72.8
119 32.5 26.6 39.8



#71
Bromoform
Concen: 0.315 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN085518.D
Acq: 27 Jan 2025 15:48

Tgt Ion:173 Resp: 539
Ion Ratio Lower Upper
173 100
175 1086.6 24.4 73.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN085518.D

Acq: 27 Jan 2025 15:48

Instrument :

MSVOA_N

ClientSampleId :

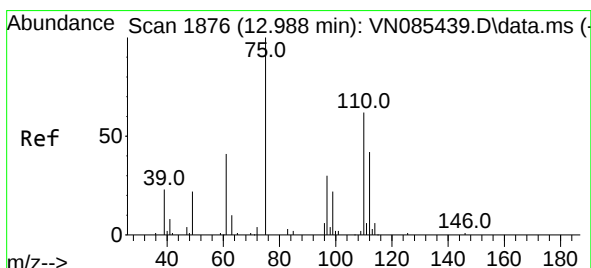
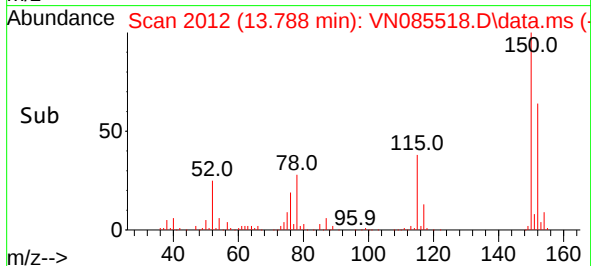
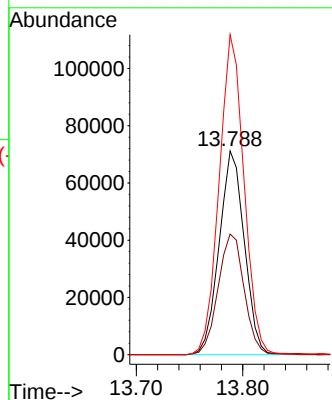
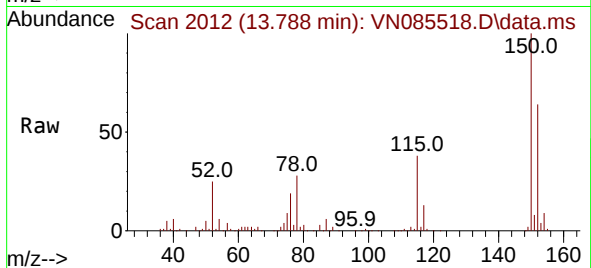
Tgt Ion:152 Resp: 116627

Ion Ratio Lower Upper

152 100

115 61.4 31.1 93.3

150 155.5 0.0 343.6



#76

1,2,3-Trichloropropane

Concen: 31.783 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN085518.D

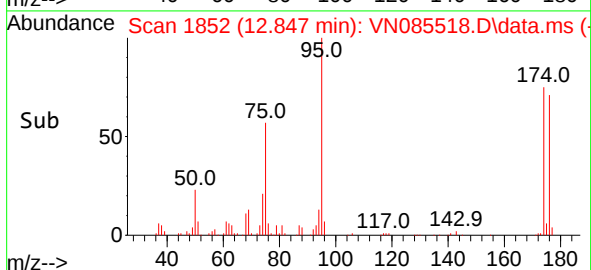
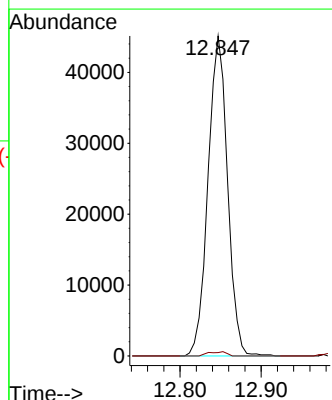
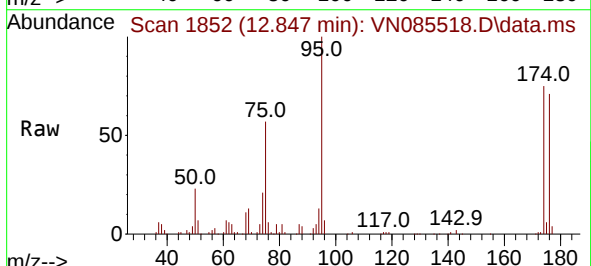
Acq: 27 Jan 2025 15:48

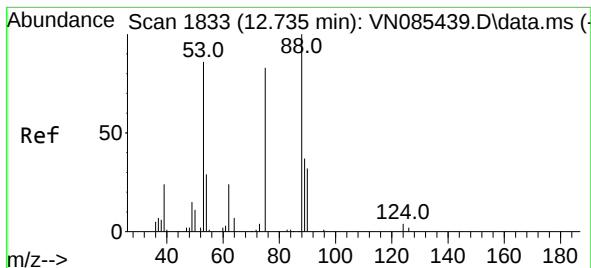
Tgt Ion: 75 Resp: 75341

Ion Ratio Lower Upper

75 100

77 1.2 109.7 329.2#

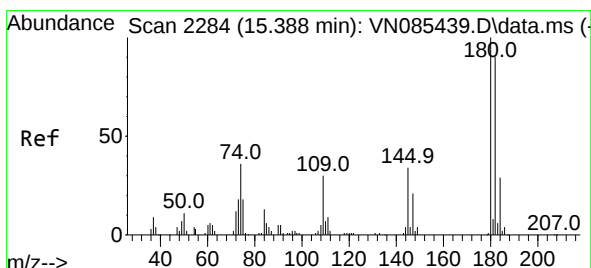
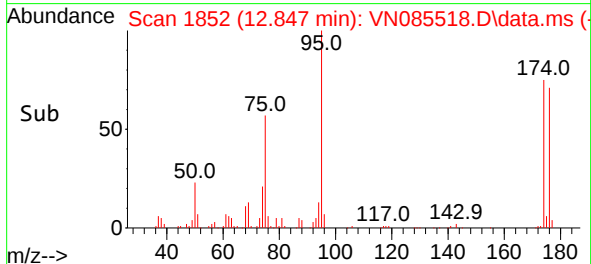
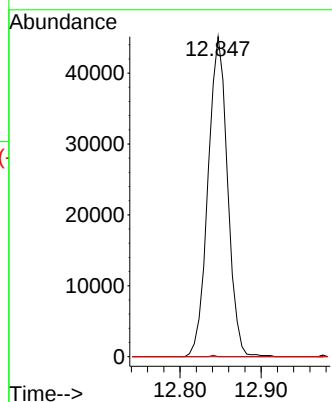
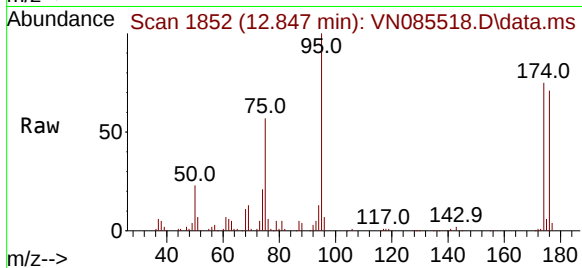




#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.991 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085518.D
 Acq: 27 Jan 2025 15:48

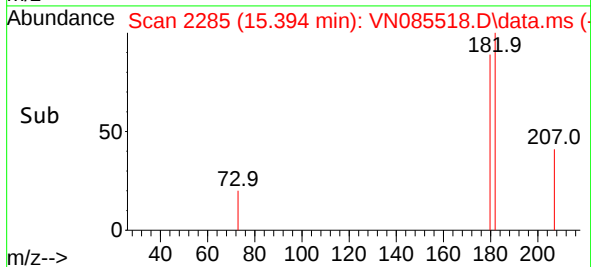
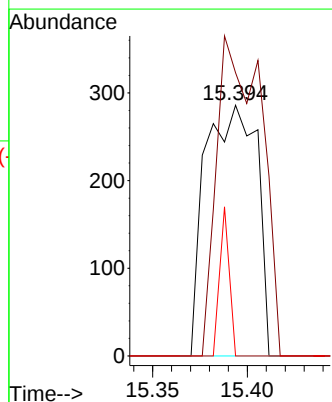
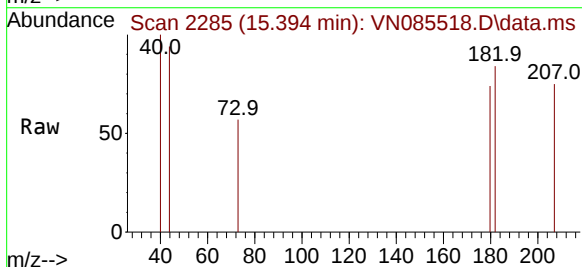
Instrument :
 MSVOA_N
 ClientSampleId :

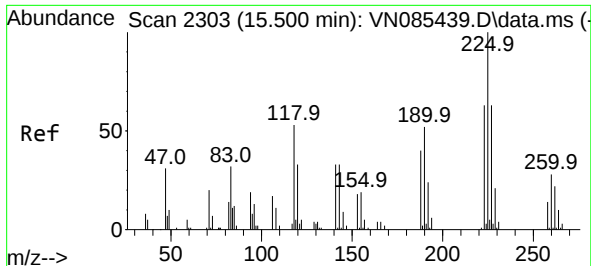
Tgt Ion: 75 Resp: 75341
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.6 143.4#
 89 0.0 37.0 55.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.308 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.006 min
 Lab File: VN085518.D
 Acq: 27 Jan 2025 15:48

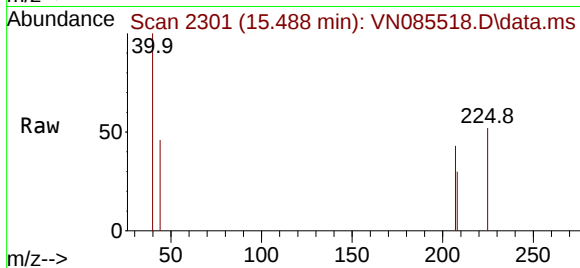
Tgt Ion:180 Resp: 541
 Ion Ratio Lower Upper
 180 100
 182 110.0 46.8 140.3
 145 11.1 16.0 48.0#



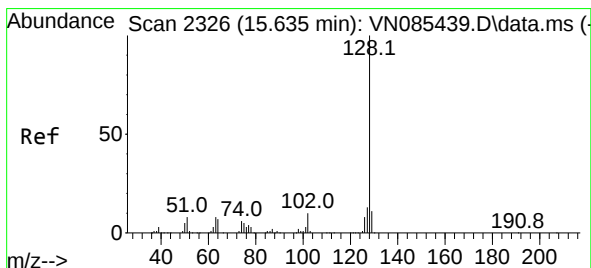
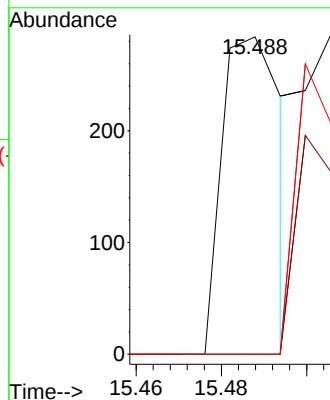
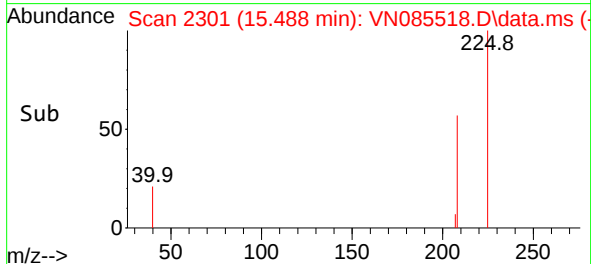


#94
Hexachlorobutadiene
Concen: 0.298 ug/l
RT: 15.488 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN085518.D
Acq: 27 Jan 2025 15:48

Instrument :
MSVOA_N
ClientSampleId :

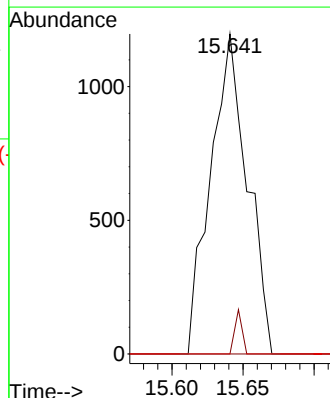
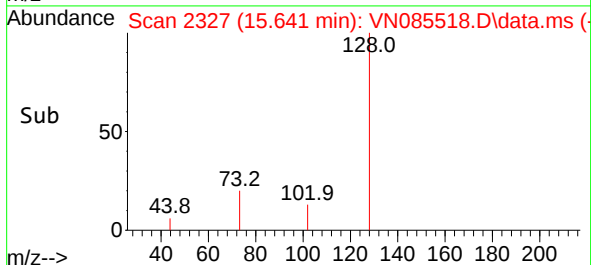
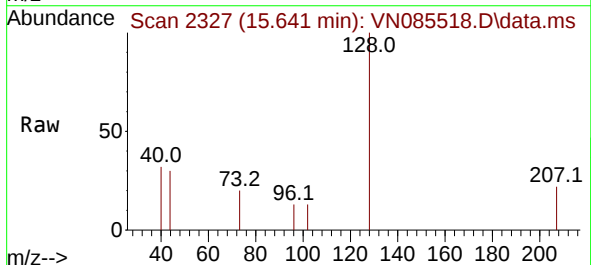


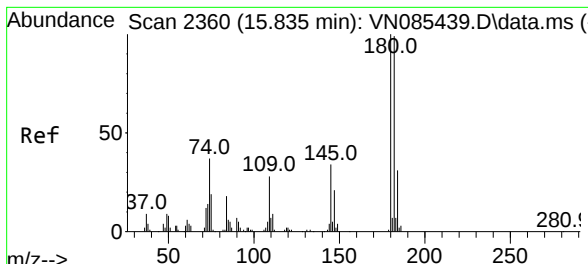
Tgt Ion:225 Resp: 278
Ion Ratio Lower Upper
225 100
223 45.7 30.7 92.1
227 59.7 30.9 92.5



#95
Naphthalene
Concen: 0.412 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085518.D
Acq: 27 Jan 2025 15:48

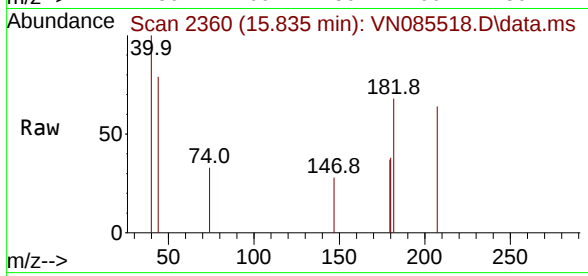
Tgt Ion:128 Resp: 2157
Ion Ratio Lower Upper
128 100
127 2.7 10.6 16.0#
129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.358 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN085518.D
 Acq: 27 Jan 2025 15:48

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 636

Ion	Ratio	Lower	Upper
180	100		
182	108.3	47.4	142.2
145	8.3	16.9	50.7#

