

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085578.D
 Acq On : 30 Jan 2025 14:32
 Operator : JC\MD
 Sample : VN0130WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 31 02:34:41 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)

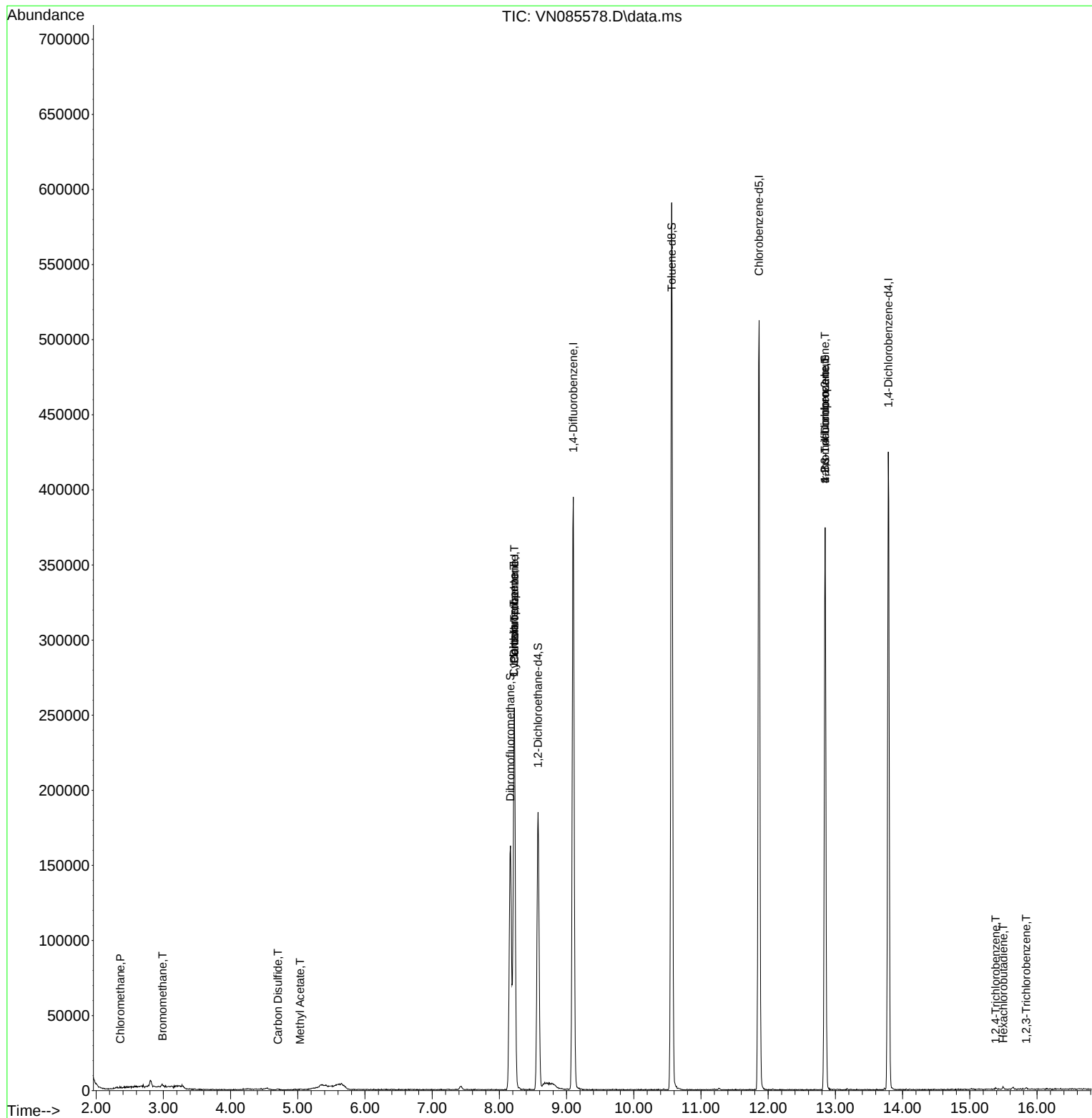
Internal Standards						
1) Pentafluorobenzene	8.224	168	169481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154457	56.458	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.920%
35) Dibromofluoromethane	8.165	113	117387	53.679	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.360%
50) Toluene-d8	10.565	98	389115	50.080	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.847	95	120418	45.306	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.620%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	502	0.202	ug/l #	41
5) Bromomethane	2.989	94	689	0.457	ug/l #	71
17) Carbon Disulfide	4.706	76	1145	0.204	ug/l #	76
18) Methyl Acetate	5.036	43	606	0.225	ug/l #	52
31) Cyclohexane	8.218	56	4684	1.349	ug/l #	22
36) 1,1-Dichloropropene	8.218	75	16469	5.366	ug/l #	50
38) Carbon Tetrachloride	8.224	117	19234	5.474	ug/l #	18
76) 1,2,3-Trichloropropane	12.847	75	68913	30.557	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68913	82.675	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.388	180	566	0.339	ug/l #	79
94) Hexachlorobutadiene	15.500	225	527	0.594	ug/l	71
96) 1,2,3-Trichlorobenzene	15.841	180	602	0.356	ug/l #	71

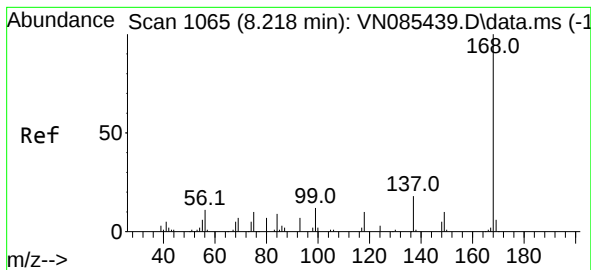
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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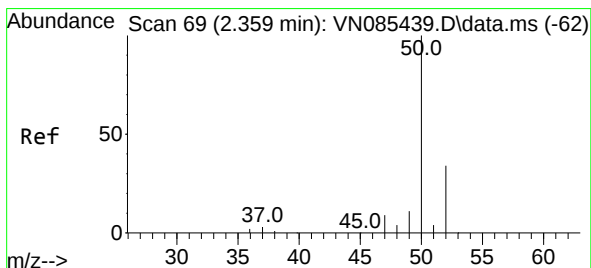
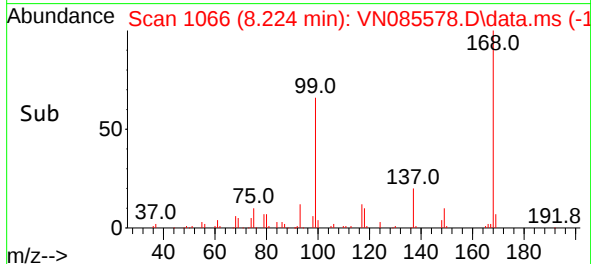
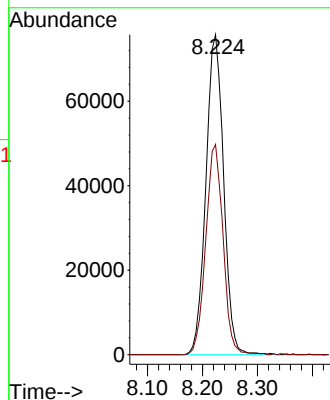
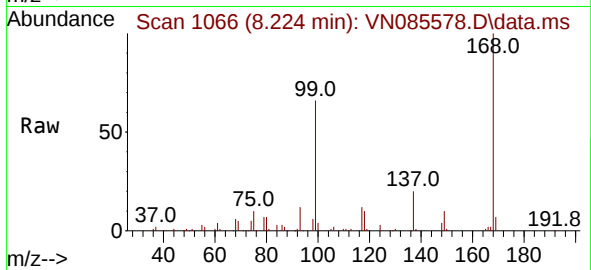




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

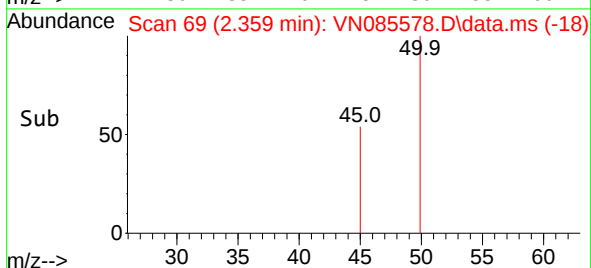
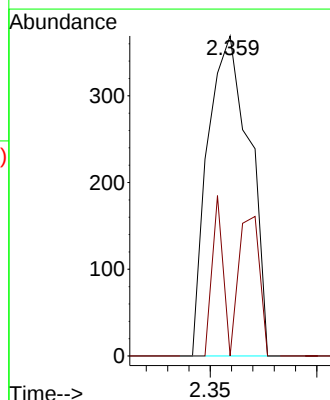
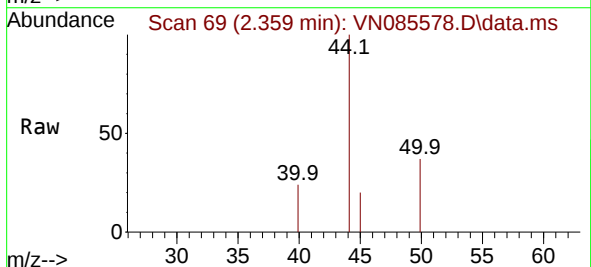
Instrument :
MSVOA_N
ClientSampleId :

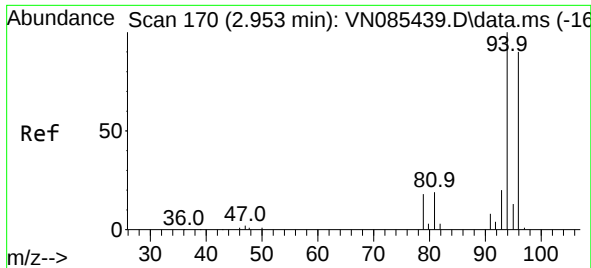
Tgt Ion:168 Resp: 169481
Ion Ratio Lower Upper
168 100
99 65.7 53.6 80.4



#3
Chloromethane
Concen: 0.202 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

Tgt Ion: 50 Resp: 502
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

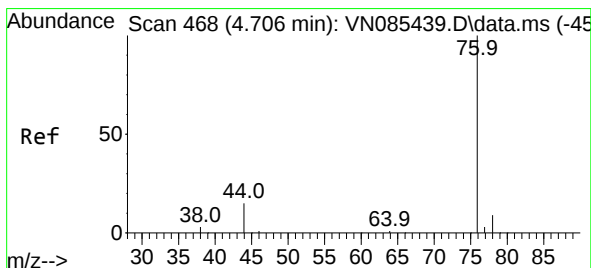
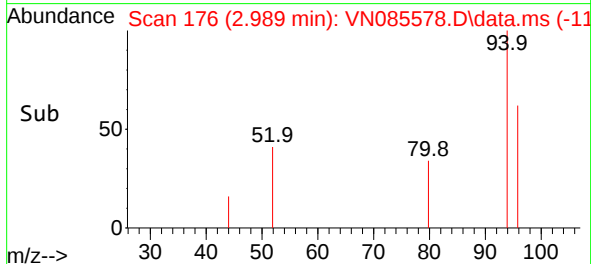
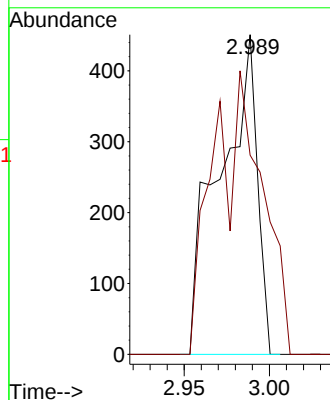
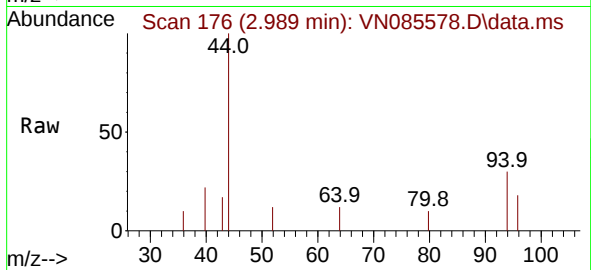




#5
Bromomethane
Concen: 0.457 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

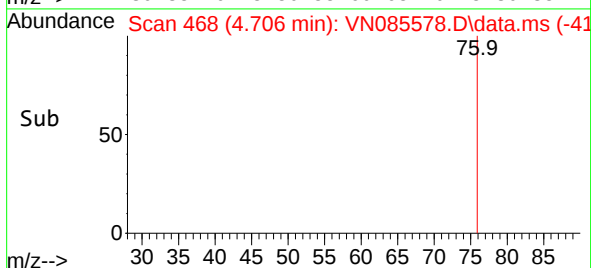
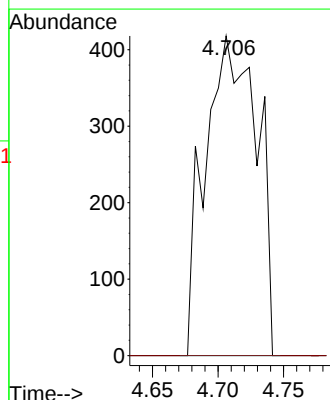
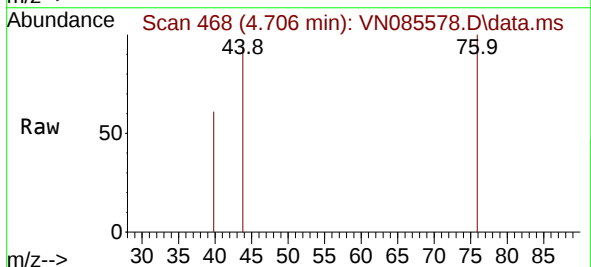
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 689
Ion Ratio Lower Upper
94 100
96 62.3 71.8 107.6#



#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

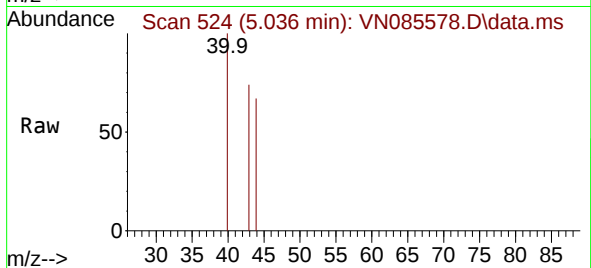
Tgt Ion: 76 Resp: 1145
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



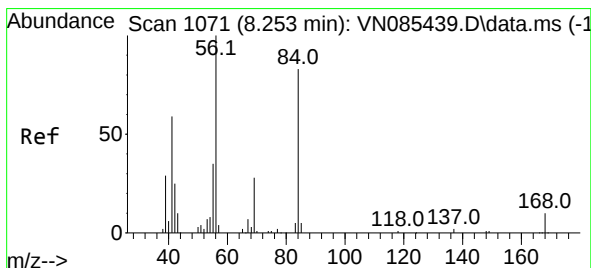
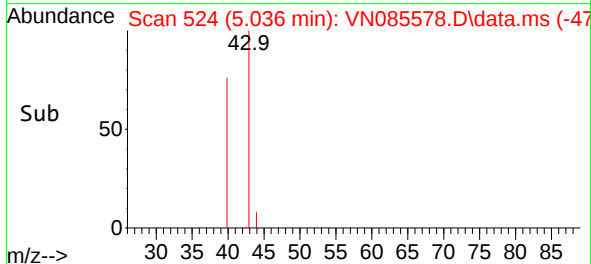
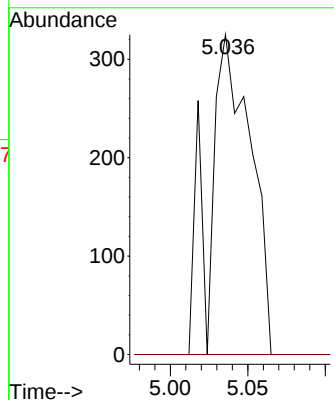


#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

Instrument :
MSVOA_N
ClientSampleId :

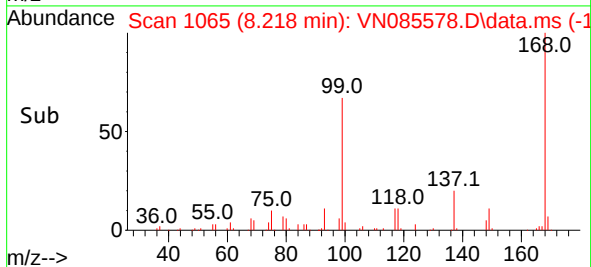
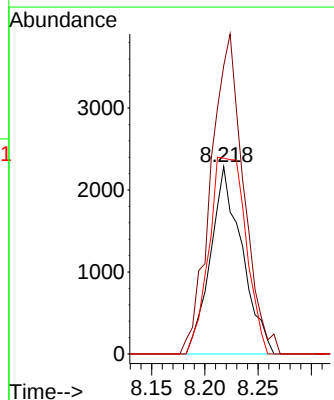
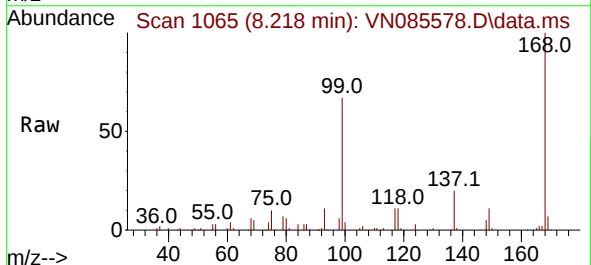


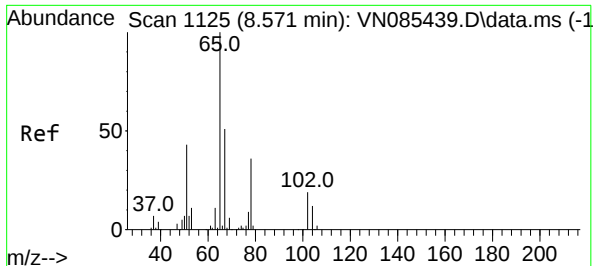
Tgt Ion: 43 Resp: 606
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#31
Cyclohexane
Concen: 1.349 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

Tgt Ion: 56 Resp: 4684
Ion Ratio Lower Upper
56 100
69 153.8 22.2 33.4#
84 104.5 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 56.458 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085578.D

Acq: 30 Jan 2025 14:32

Instrument :

MSVOA_N

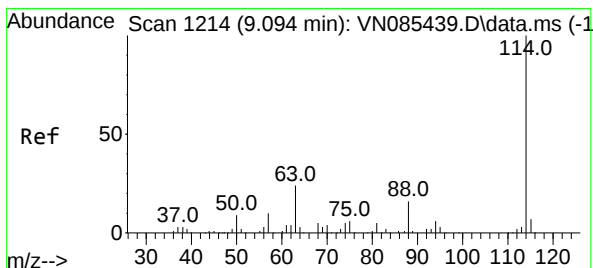
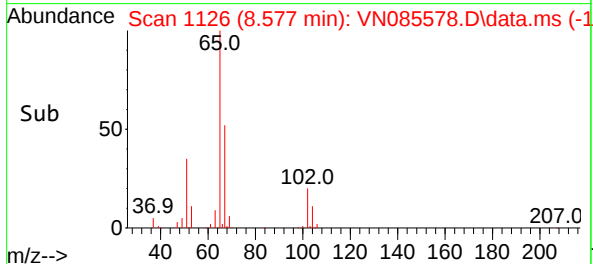
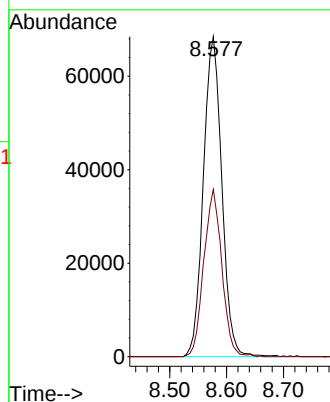
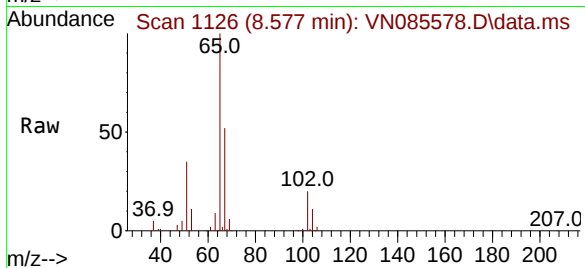
ClientSampleId :

Tgt Ion: 65 Resp: 154457

Ion Ratio Lower Upper

65 100

67 51.1 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: VN085578.D

Acq: 30 Jan 2025 14:32

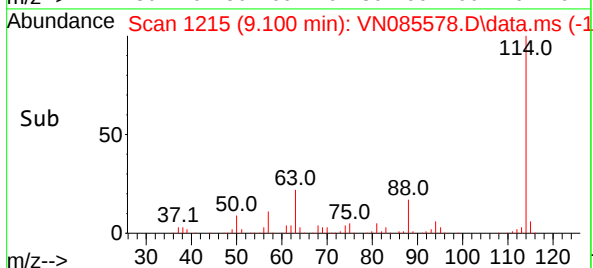
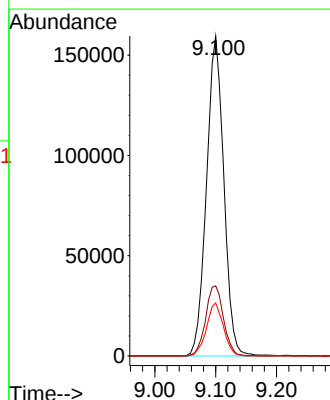
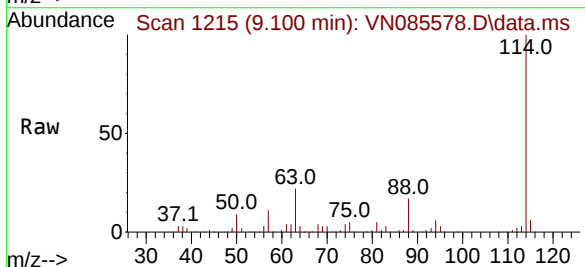
Tgt Ion: 114 Resp: 315219

Ion Ratio Lower Upper

114 100

63 21.9 0.0 47.6

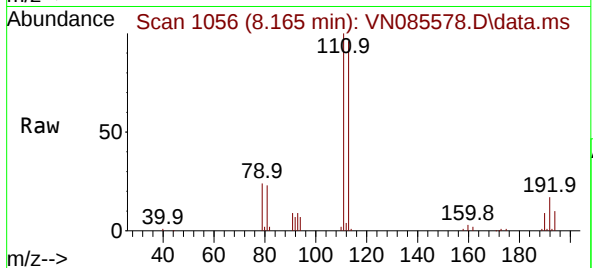
88 16.6 0.0 32.6



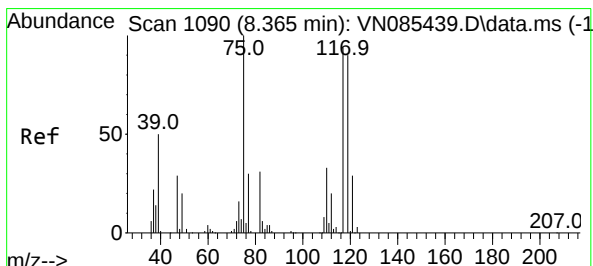
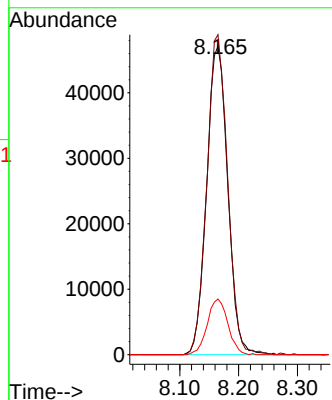
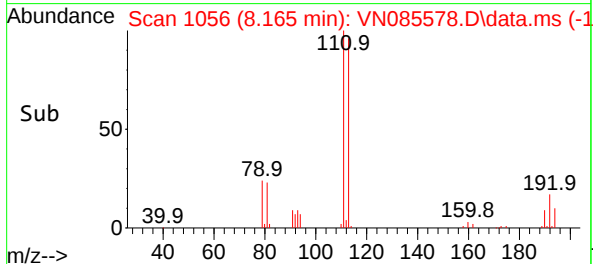


#35
Dibromofluoromethane
Concen: 53.679 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

Instrument :
MSVOA_N
ClientSampleId :

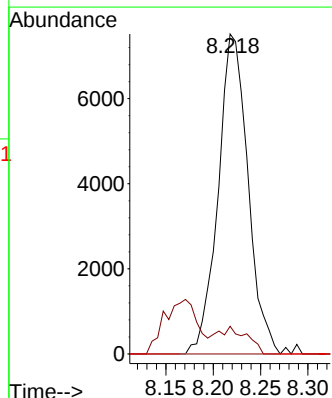
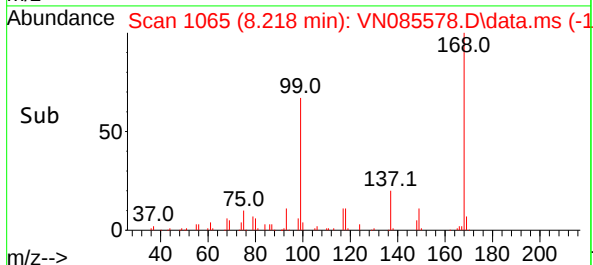
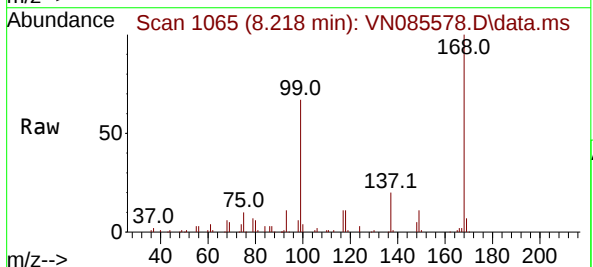


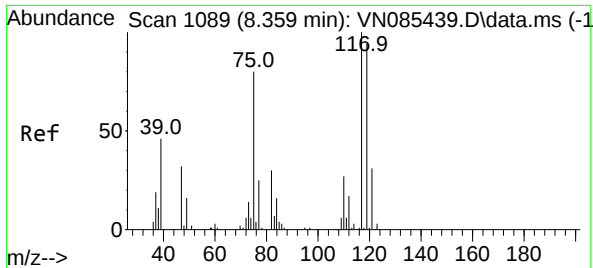
Tgt Ion:113 Resp: 117387
Ion Ratio Lower Upper
113 100
111 102.0 82.7 124.1
192 17.7 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.366 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

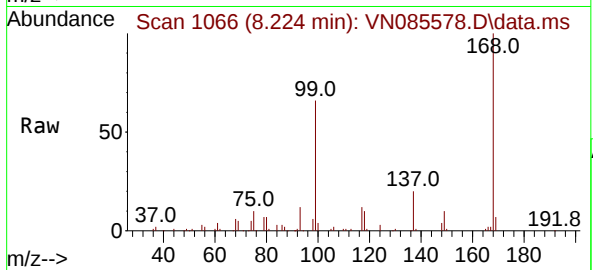
Tgt Ion: 75 Resp: 16469
Ion Ratio Lower Upper
75 100
110 7.7 16.5 49.5#
77 0.0 24.4 36.6#



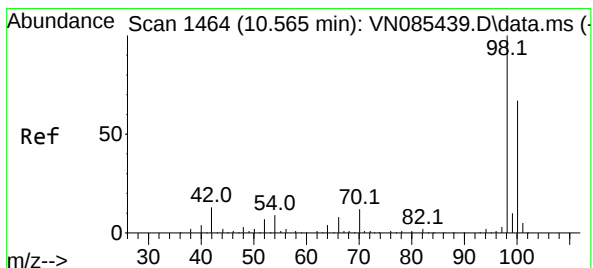
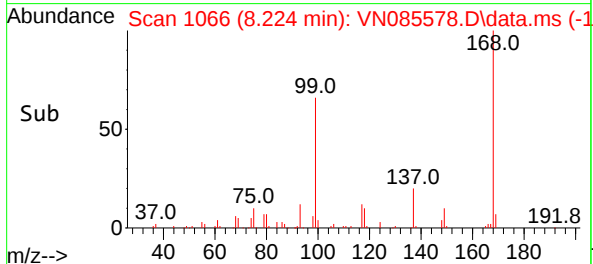
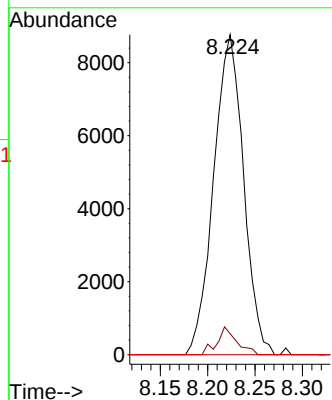


#38
Carbon Tetrachloride
Concen: 5.474 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

Instrument :
MSVOA_N
ClientSampleId :

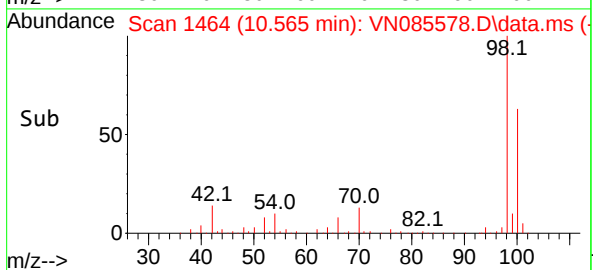
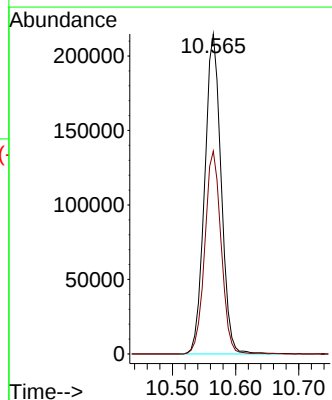
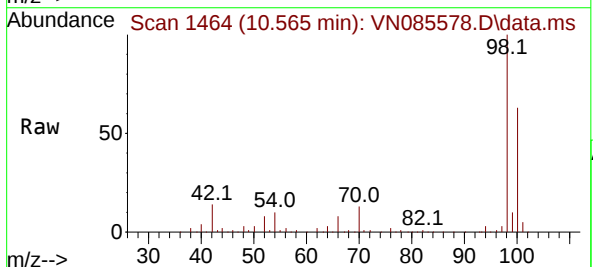


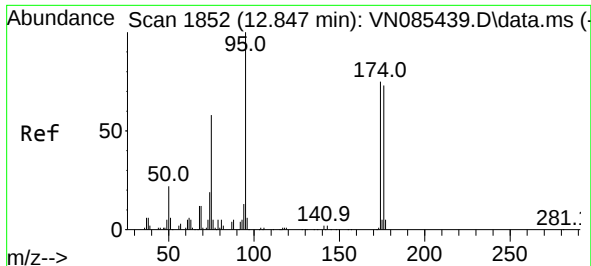
Tgt Ion:117 Resp: 19234
Ion Ratio Lower Upper
117 100
119 6.5 75.4 113.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.080 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

Tgt Ion: 98 Resp: 389115
Ion Ratio Lower Upper
98 100
100 62.8 52.2 78.4

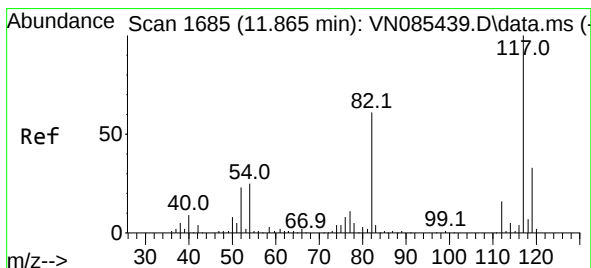
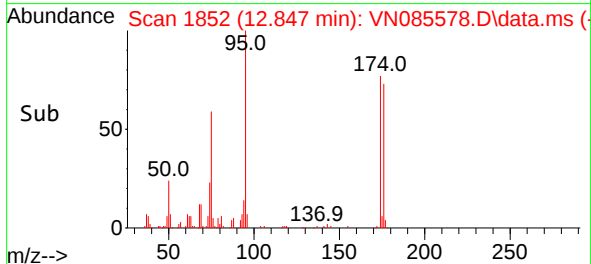
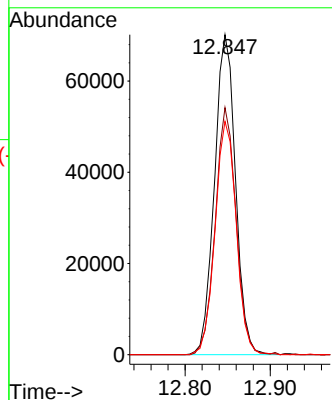
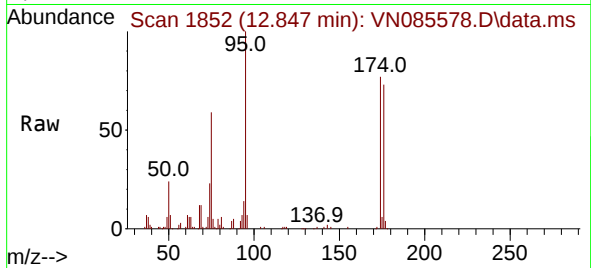




#62
4-Bromofluorobenzene
Concen: 45.306 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

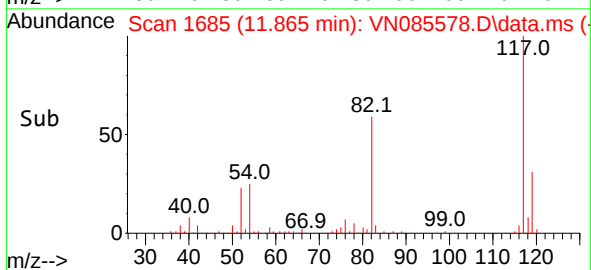
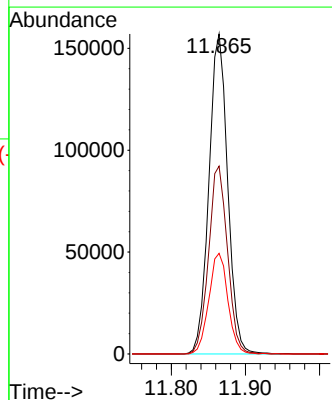
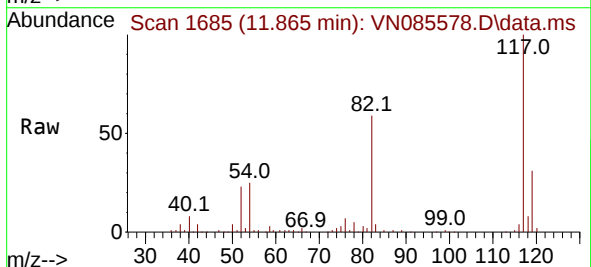
Instrument :
MSVOA_N
ClientSampleId :

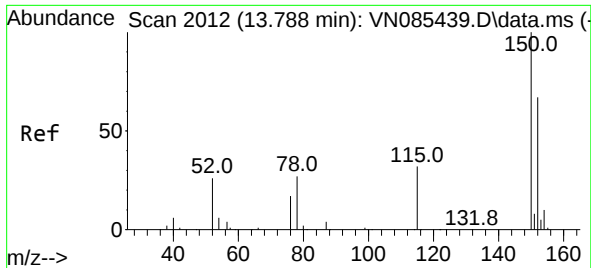
Tgt Ion: 95 Resp: 120418
Ion Ratio Lower Upper
95 100
174 76.3 0.0 145.0
176 73.4 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

Tgt Ion: 117 Resp: 275647
Ion Ratio Lower Upper
117 100
82 58.7 48.6 72.8
119 31.5 26.6 39.8

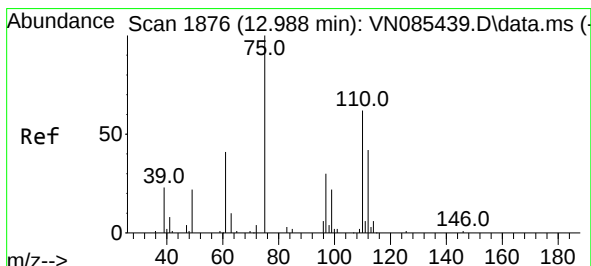
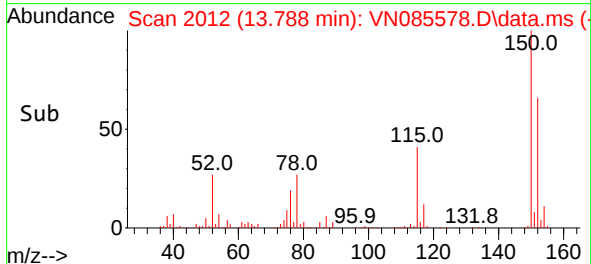
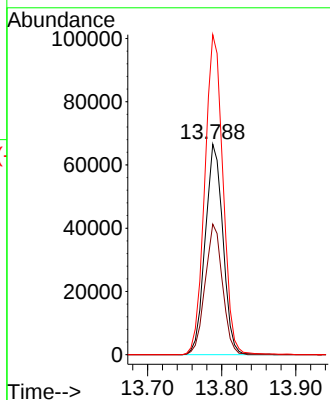
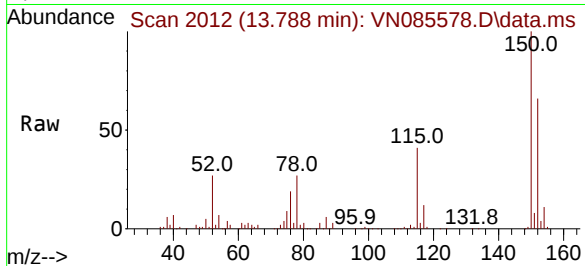




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085578.D
 Acq: 30 Jan 2025 14:32

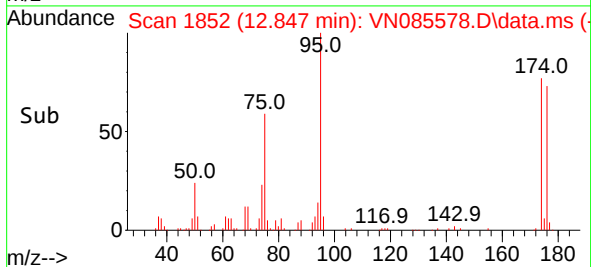
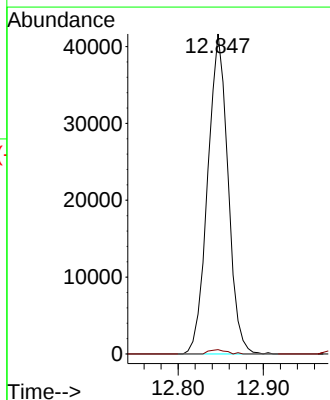
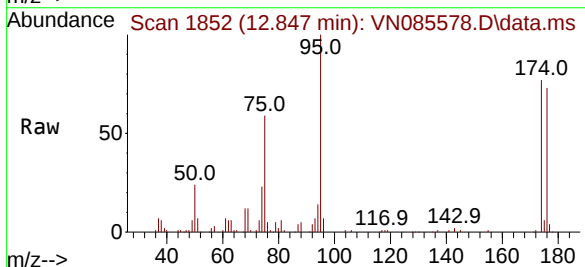
Instrument :
 MSVOA_N
 ClientSampleId :

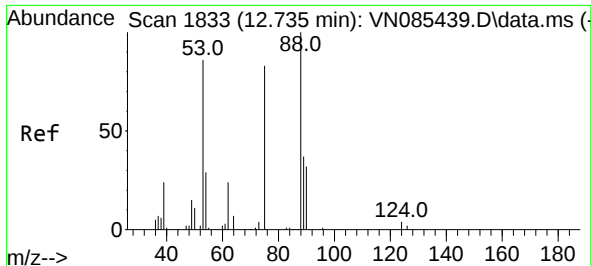
Tgt Ion:152 Resp: 110956
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.1 93.3
 150 155.7 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 30.557 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085578.D
 Acq: 30 Jan 2025 14:32

Tgt Ion: 75 Resp: 68913
 Ion Ratio Lower Upper
 75 100
 77 1.2 109.7 329.2#

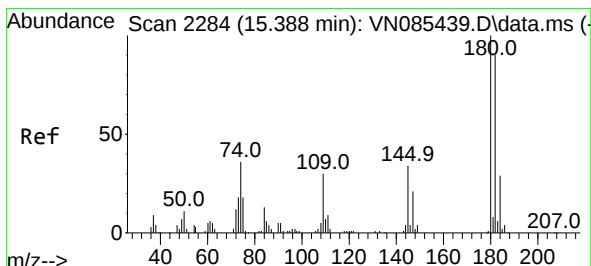
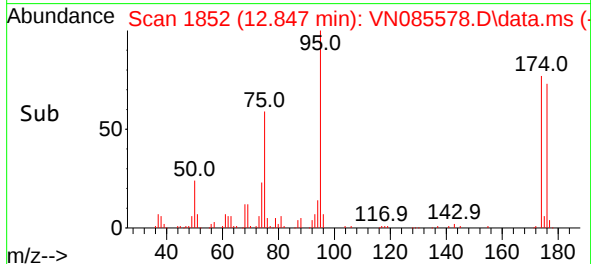
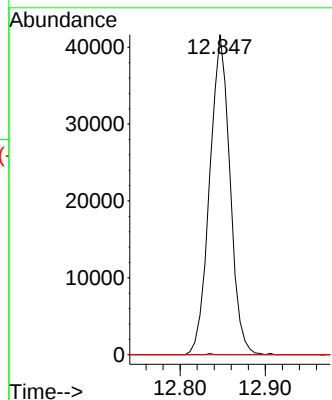
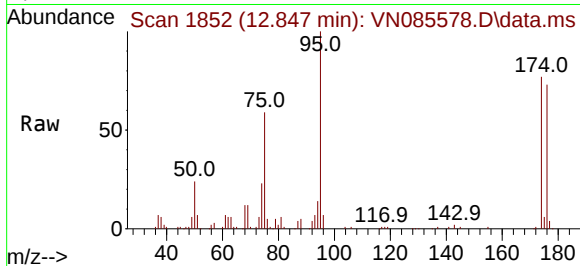




#81
trans-1,4-Dichloro-2-butene
Concen: 82.675 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

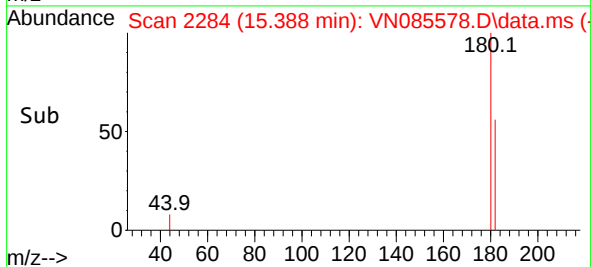
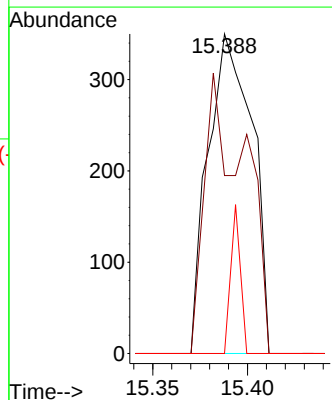
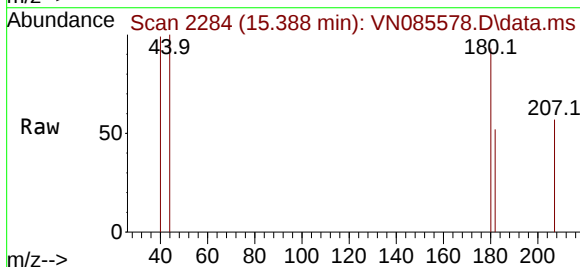
Instrument :
MSVOA_N
ClientSampleId :

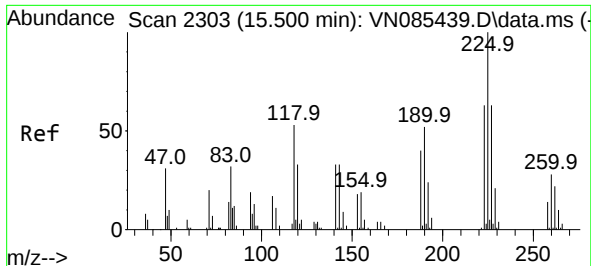
Tgt Ion: 75 Resp: 68913
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.339 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

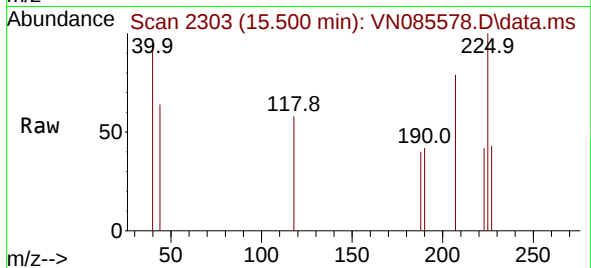
Tgt Ion:180 Resp: 566
Ion Ratio Lower Upper
180 100
182 79.9 46.8 140.3
145 10.1 16.0 48.0#



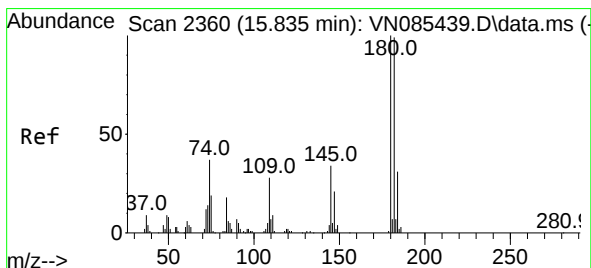
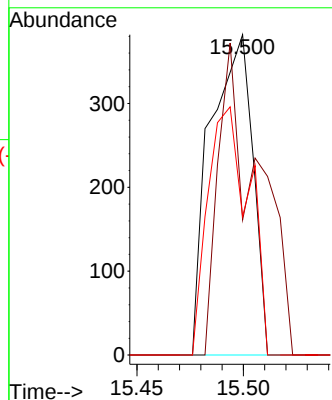
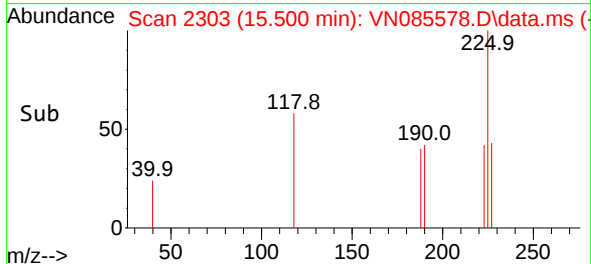


#94
Hexachlorobutadiene
Concen: 0.594 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32

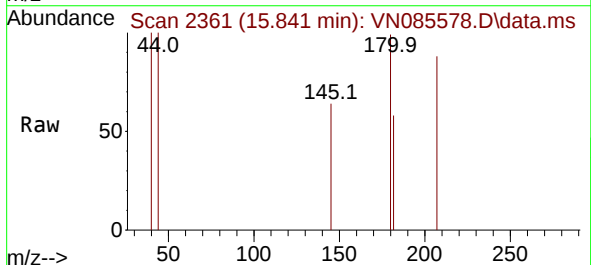
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:225 Resp: 527
Ion Ratio Lower Upper
225 100
223 91.8 30.7 92.1
227 75.7 30.9 92.5



#96
1,2,3-Trichlorobenzene
Concen: 0.356 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085578.D
Acq: 30 Jan 2025 14:32



Tgt Ion:180 Resp: 602
Ion Ratio Lower Upper
180 100
182 68.6 47.4 142.2
145 13.6 16.9 50.7#

