

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085582.D
 Acq On : 30 Jan 2025 16:18
 Operator : JC\MD
 Sample : Q1211-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 31 02:37:02 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)

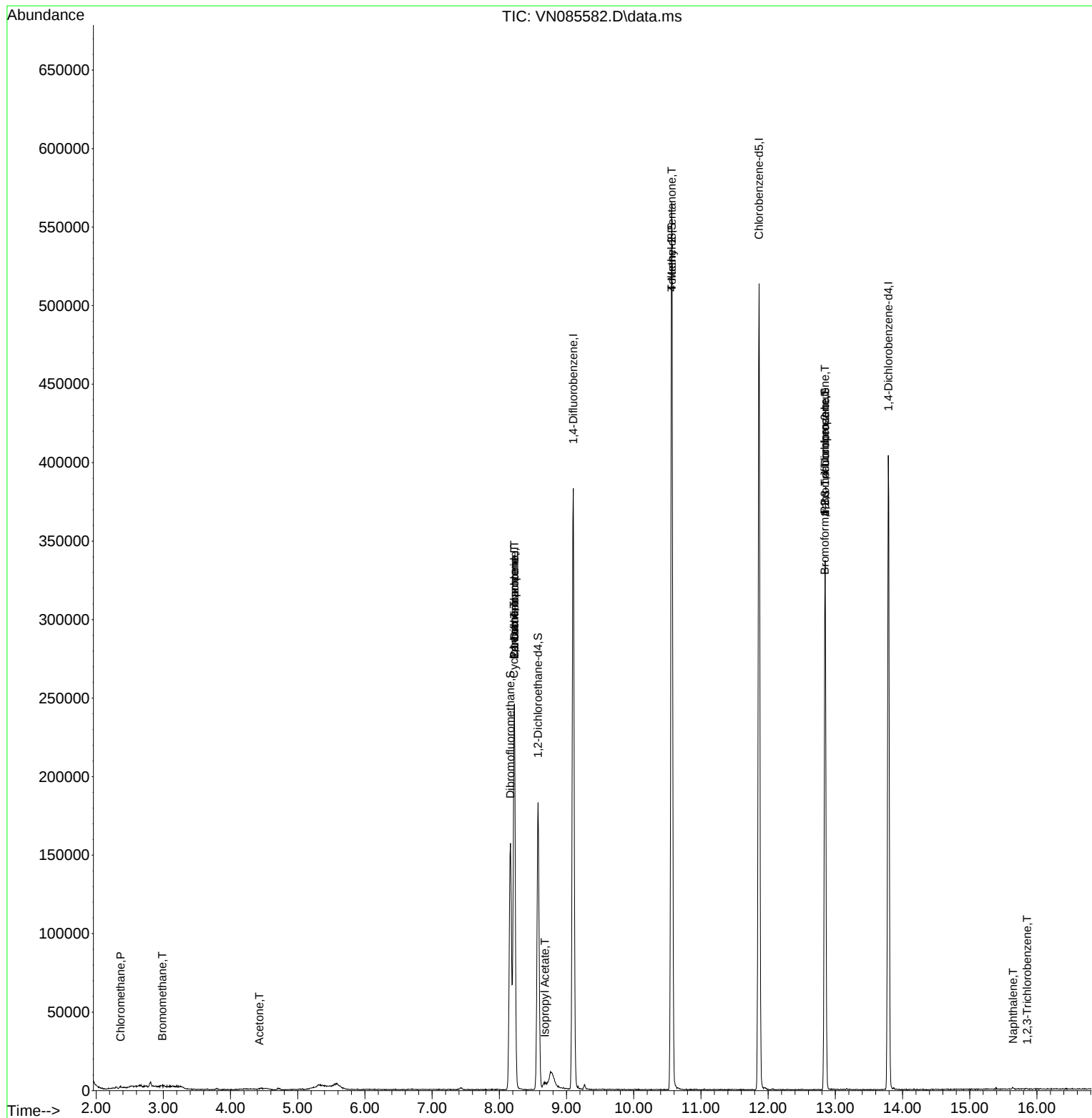
Internal Standards						
1) Pentafluorobenzene	8.224	168	164319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150937	56.905	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.800%	
35) Dibromofluoromethane	8.165	113	113569	53.272	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	106.540%	
50) Toluene-d8	10.565	98	379444	50.095	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.180%	
62) 4-Bromofluorobenzene	12.847	95	111091	42.875	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	85.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	752	0.312	ug/l #	41
5) Bromomethane	2.983	94	521	0.356	ug/l	89
16) Acetone	4.430	43	609	0.711	ug/l #	45
31) Cyclohexane	8.218	56	4281	1.272	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15663	5.235	ug/l #	51
38) Carbon Tetrachloride	8.224	117	18136	5.295	ug/l #	18
43) Isopropyl Acetate	8.677	43	2365	0.489	ug/l #	55
51) 4-Methyl-2-Pentanone	10.565	43	2022	0.720	ug/l #	1
71) Bromoform	12.841	173	1206	0.763	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	62757	29.310	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62757	79.300	ug/l #	3
95) Naphthalene	15.647	128	1368	0.289	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.853	180	341	0.213	ug/l #	28

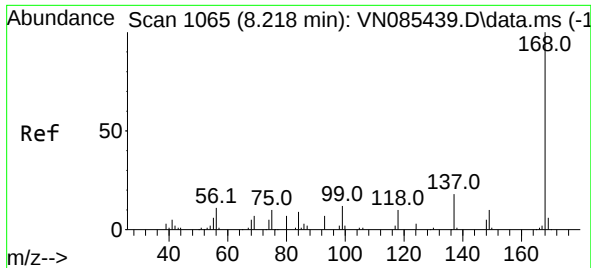
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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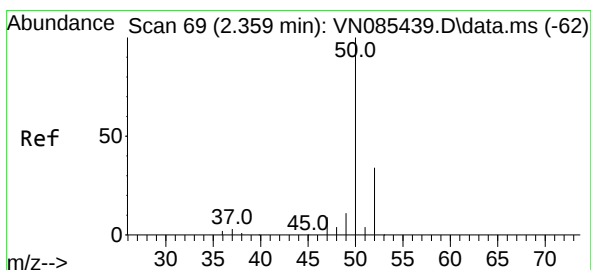
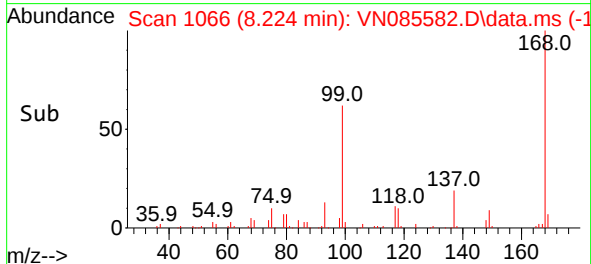
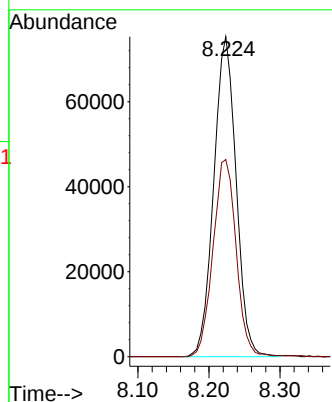
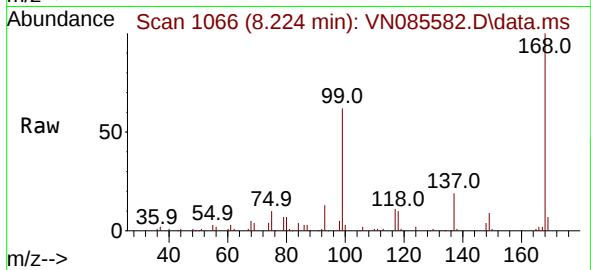




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

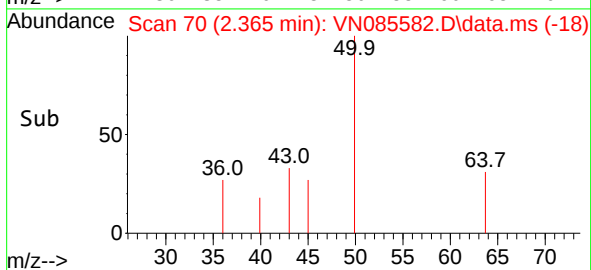
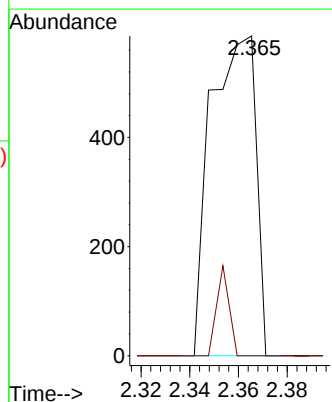
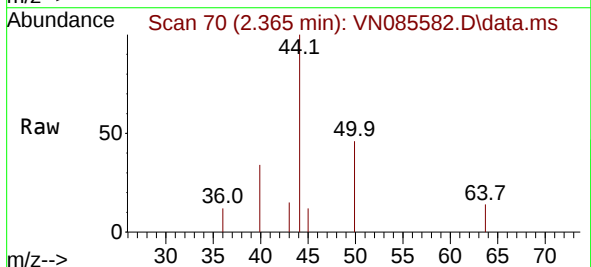
Instrument :
MSVOA_N
ClientSampleId :

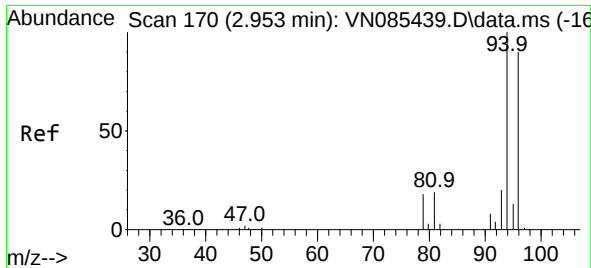
Tgt Ion:168 Resp: 164319
Ion Ratio Lower Upper
168 100
99 61.6 53.6 80.4



#3
Chloromethane
Concen: 0.312 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

Tgt Ion: 50 Resp: 752
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

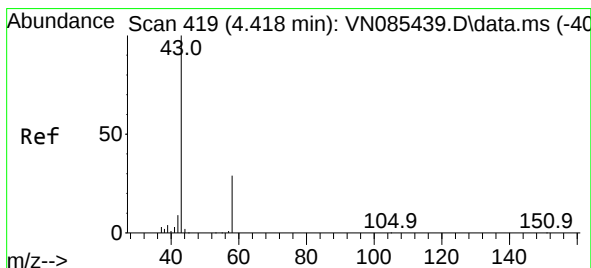
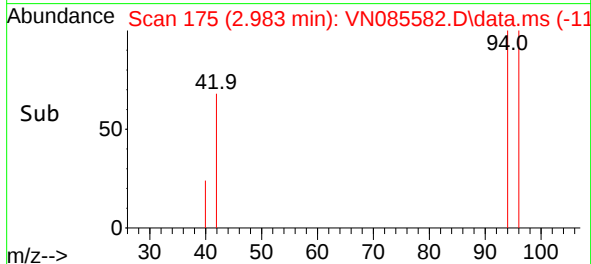
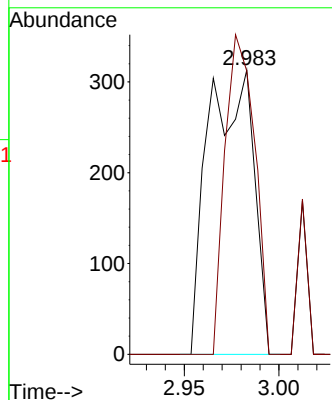
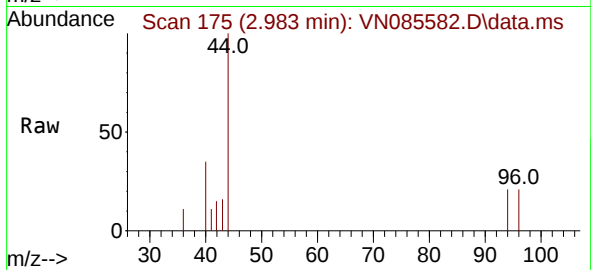




#5
Bromomethane
Concen: 0.356 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

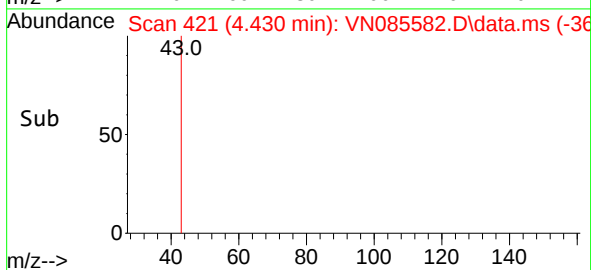
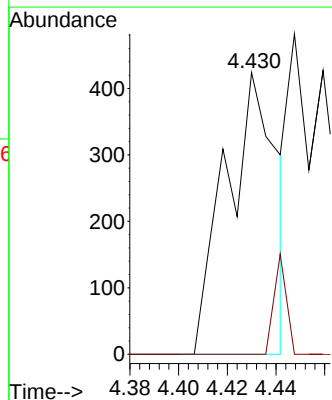
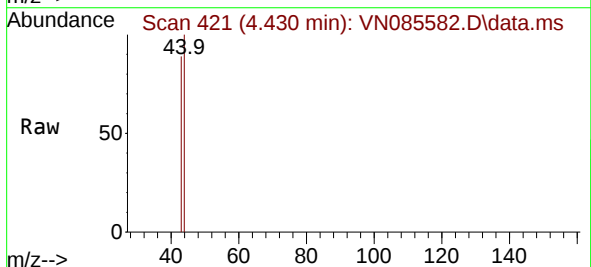
Instrument :
MSVOA_N
ClientSampleId :

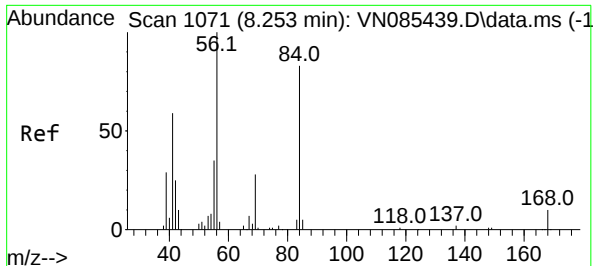
Tgt Ion: 94 Resp: 521
Ion Ratio Lower Upper
94 100
96 99.7 71.8 107.6



#16
Acetone
Concen: 0.711 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

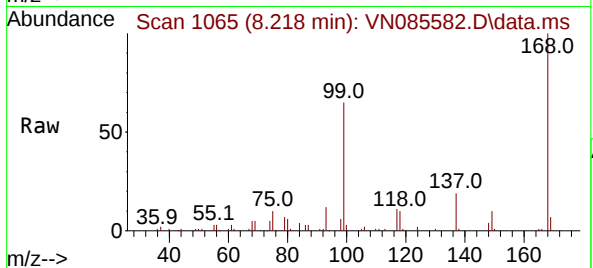
Tgt Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



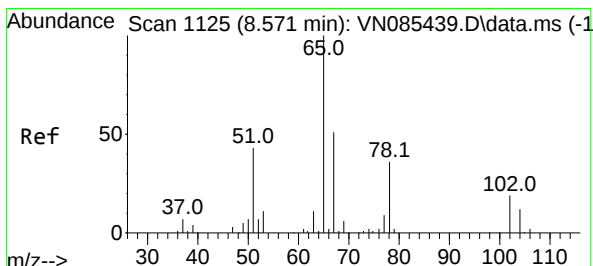
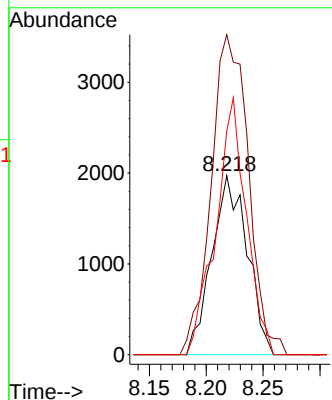
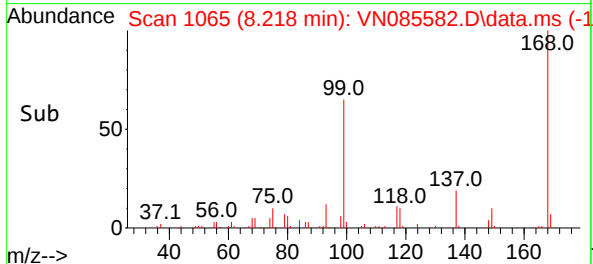


#31
Cyclohexane
Concen: 1.272 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

Instrument :
MSVOA_N
ClientSampleId :

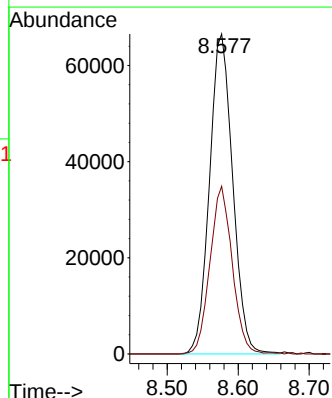
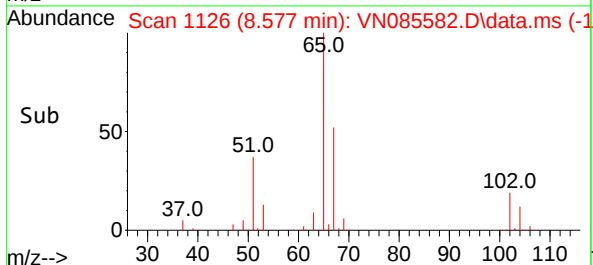
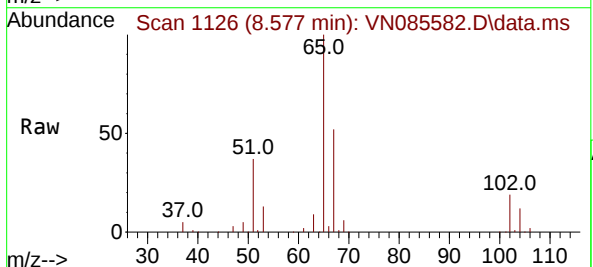


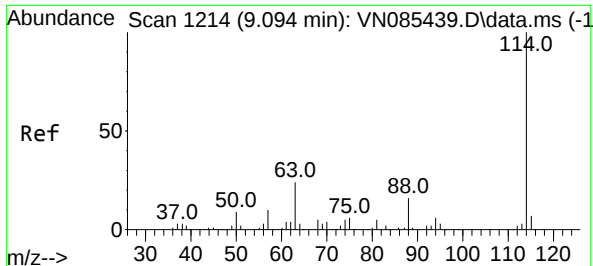
Tgt Ion: 56 Resp: 4281
Ion Ratio Lower Upper
56 100
69 178.7 22.2 33.4#
84 125.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.905 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

Tgt Ion: 65 Resp: 150937
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085582.D

Acq: 30 Jan 2025 16:18

Instrument :

MSVOA_N

ClientSampleId :

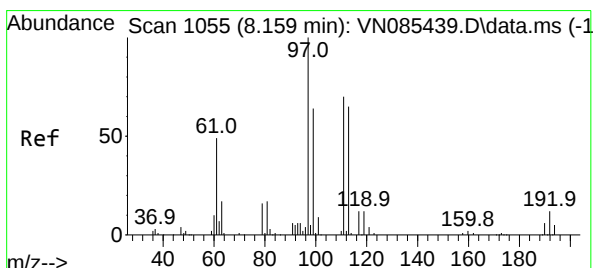
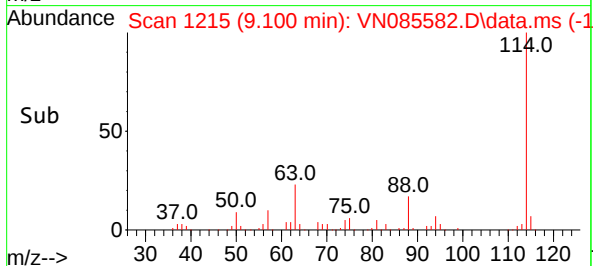
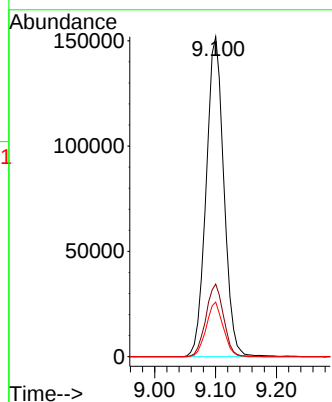
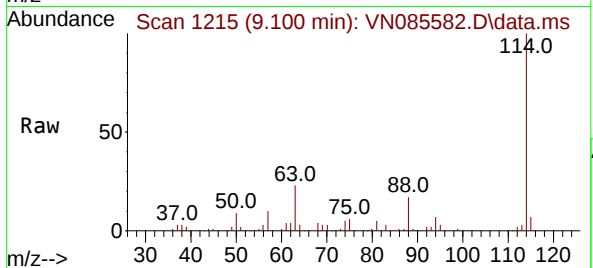
Tgt Ion:114 Resp: 307297

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.6

88 17.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.272 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085582.D

Acq: 30 Jan 2025 16:18

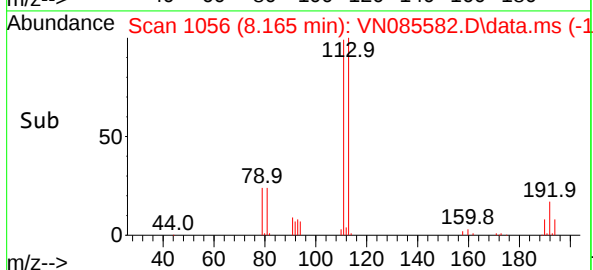
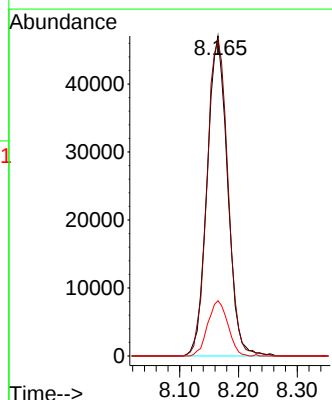
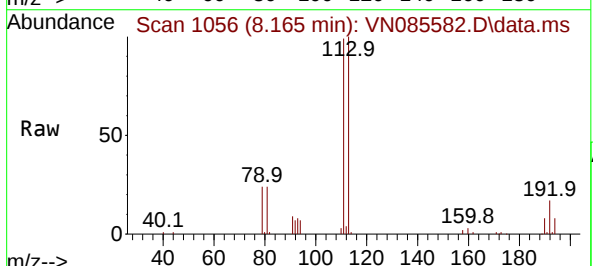
Tgt Ion:113 Resp: 113569

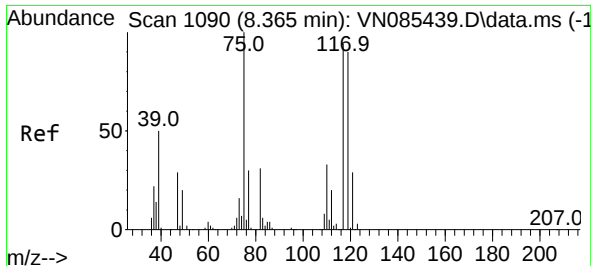
Ion Ratio Lower Upper

113 100

111 101.5 82.7 124.1

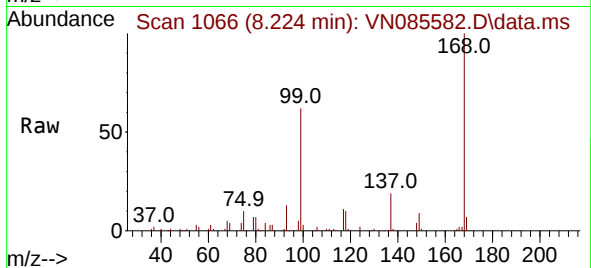
192 16.9 14.3 21.5



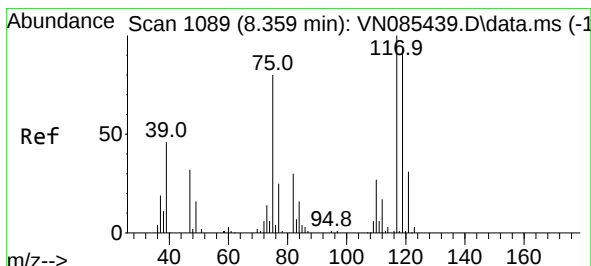
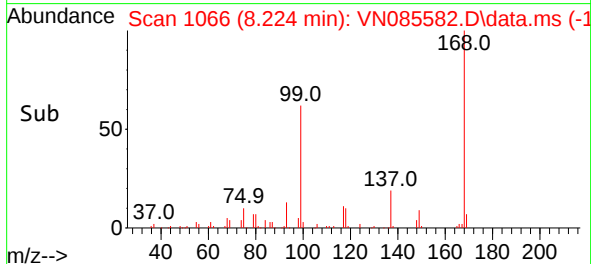
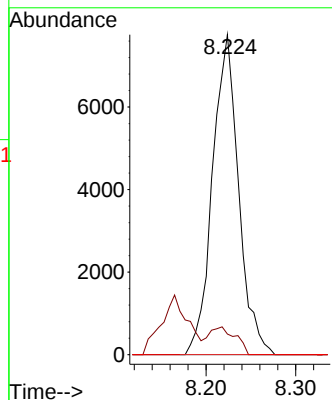


#36
1,1-Dichloropropene
Concen: 5.235 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

Instrument :
MSVOA_N
ClientSampleId :

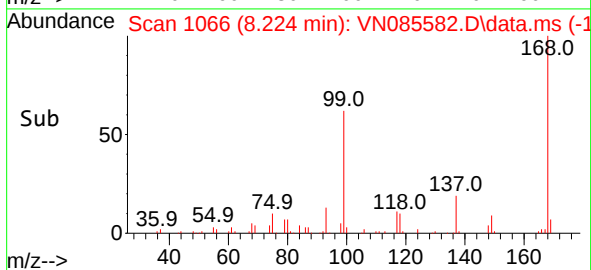
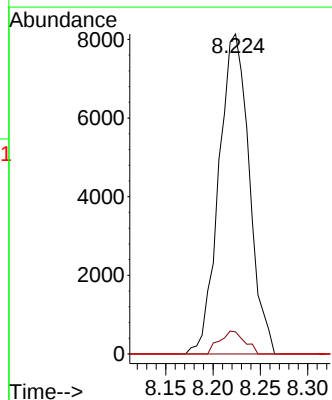
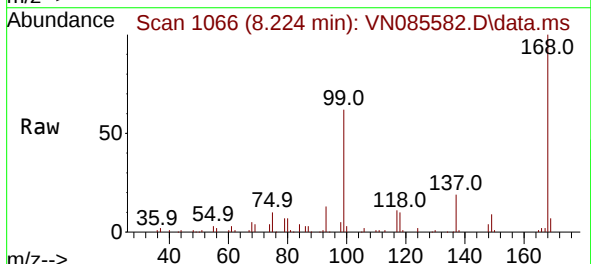


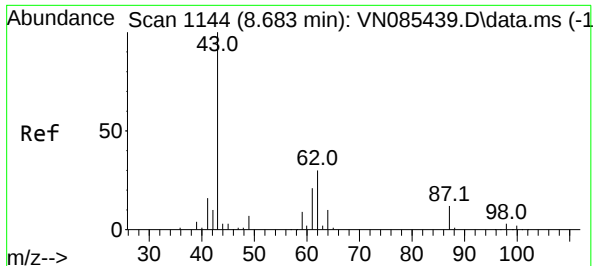
Tgt Ion: 75 Resp: 15663
Ion Ratio Lower Upper
75 100
110 9.0 16.5 49.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.295 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

Tgt Ion: 117 Resp: 18136
Ion Ratio Lower Upper
117 100
119 6.9 75.4 113.2#
121 0.0 24.6 37.0#

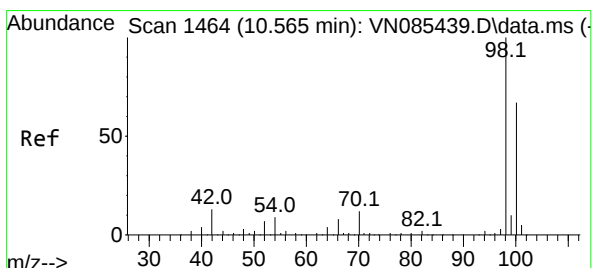
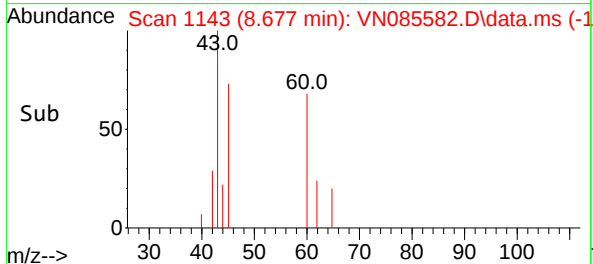
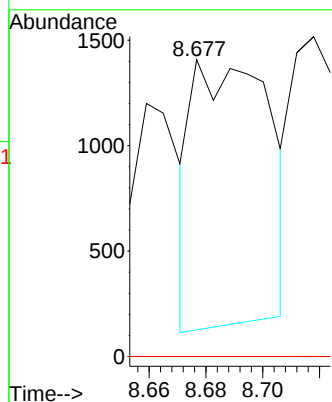
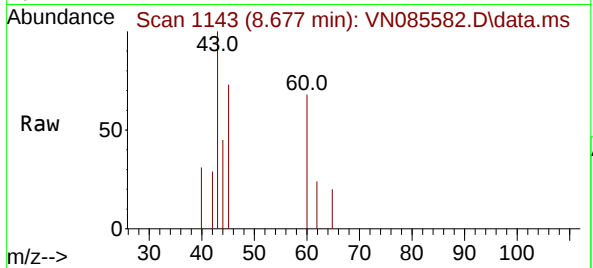




#43
Isopropyl Acetate
Concen: 0.489 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

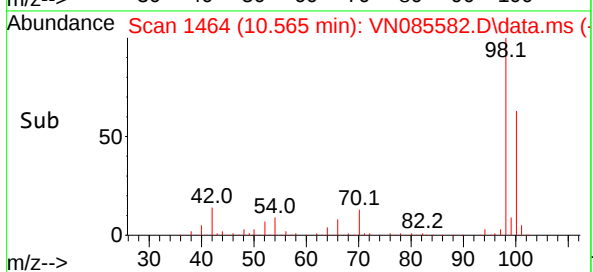
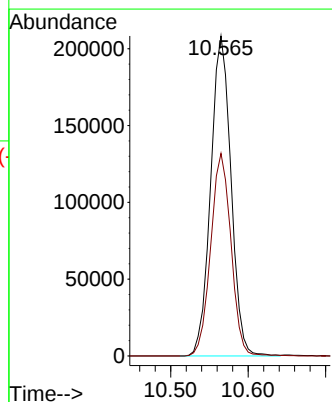
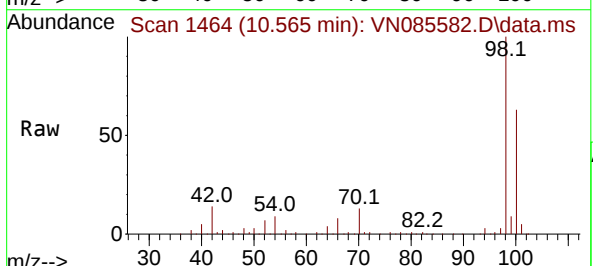
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MSVOA_N
ClientSampleId :

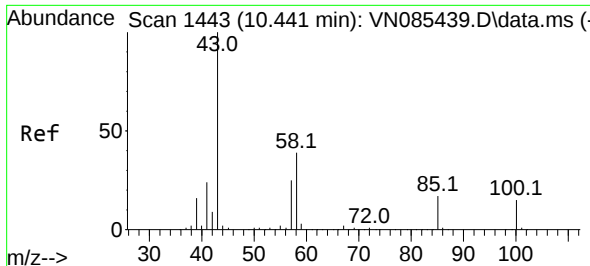
Tgt Ion: 43 Resp: 2365
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 50.095 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

Tgt Ion: 98 Resp: 379444
Ion Ratio Lower Upper
98 100
100 63.1 52.2 78.4

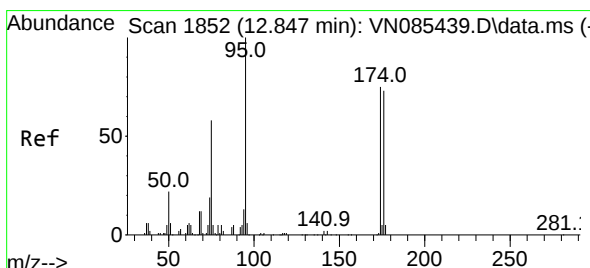
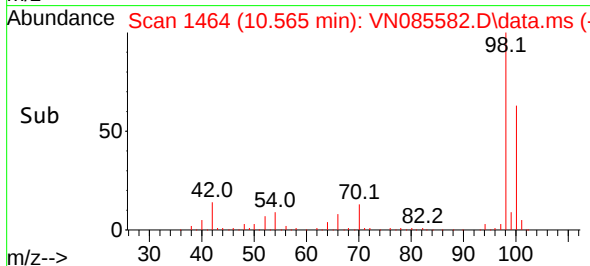
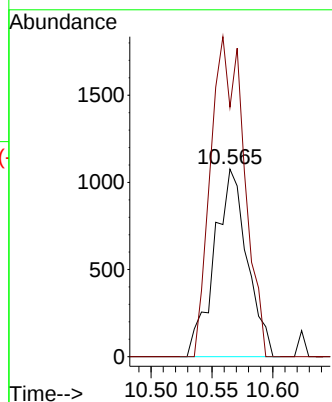
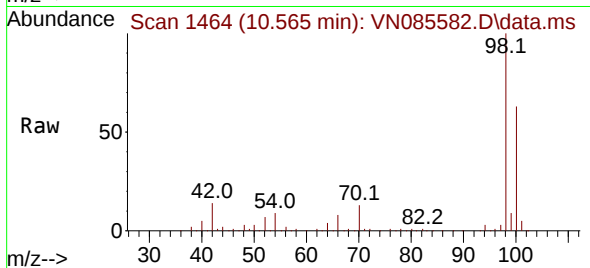




#51
4-Methyl-2-Pentanone
Concen: 0.720 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.124 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

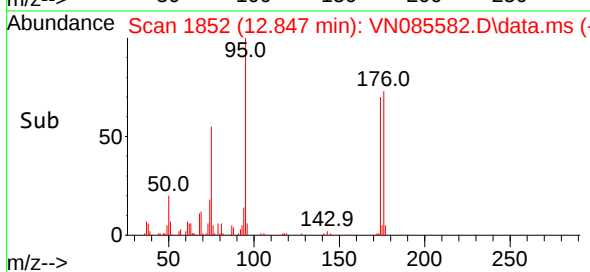
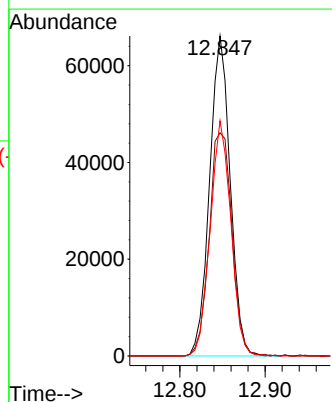
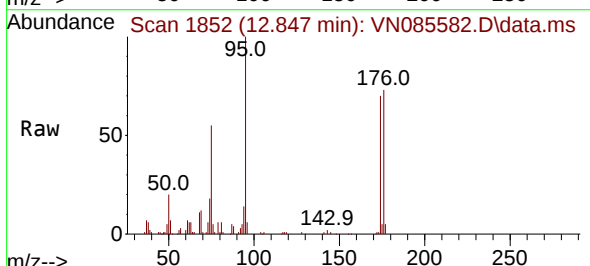
Instrument :
MSVOA_N
ClientSampleId :

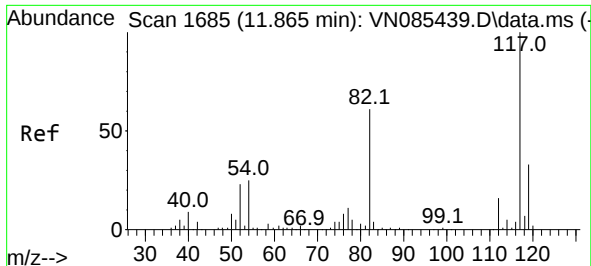
Tgt Ion: 43 Resp: 2022
Ion Ratio Lower Upper
43 100
58 172.9 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 42.875 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

Tgt Ion: 95 Resp: 111091
Ion Ratio Lower Upper
95 100
174 77.1 0.0 145.0
176 73.9 0.0 142.4

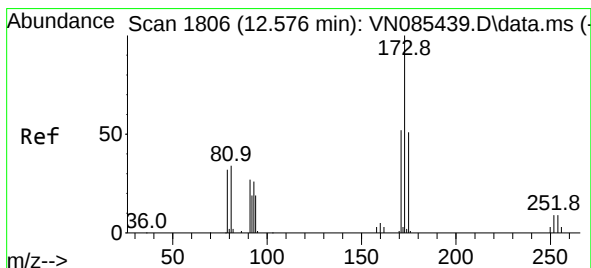
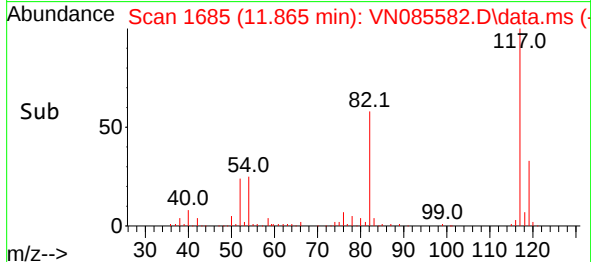
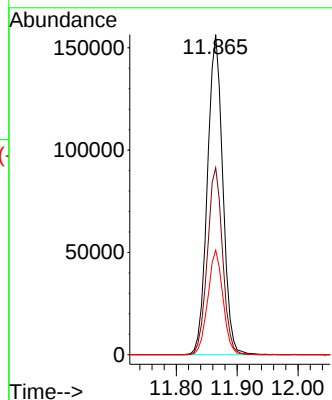
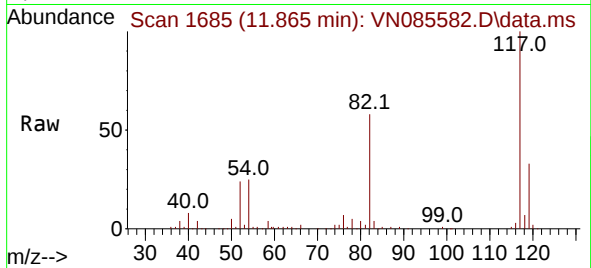




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

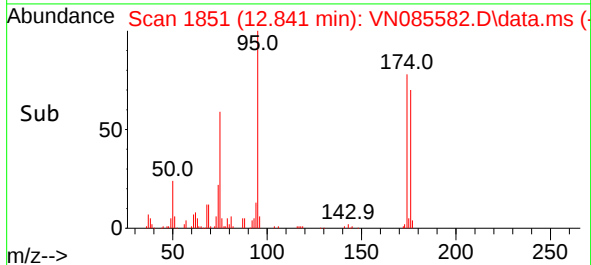
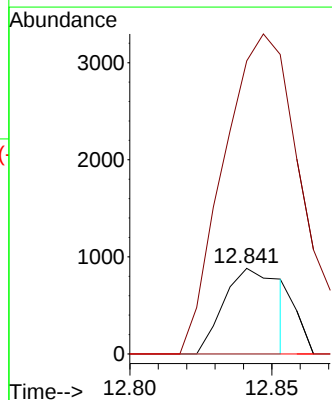
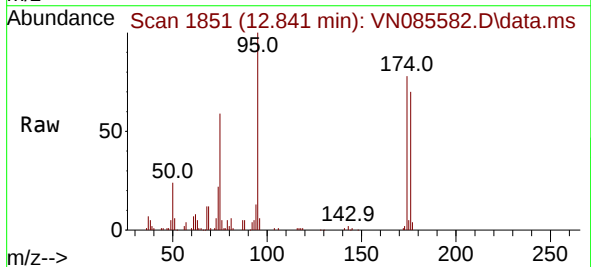
Instrument :
MSVOA_N
ClientSampleId :

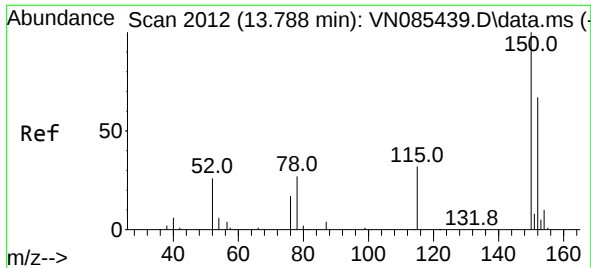
Tgt Ion:117 Resp: 274602
Ion Ratio Lower Upper
117 100
82 58.4 48.6 72.8
119 32.7 26.6 39.8



#71
Bromoform
Concen: 0.763 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

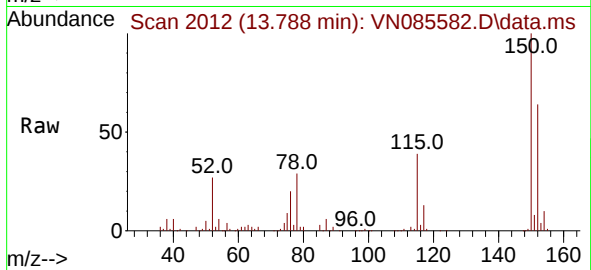
Tgt Ion:173 Resp: 1206
Ion Ratio Lower Upper
173 100
175 400.7 24.4 73.2#
254 0.0 0.0 0.0



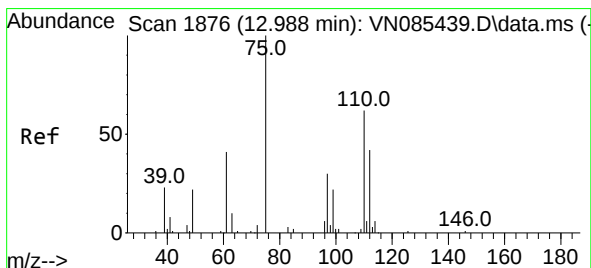
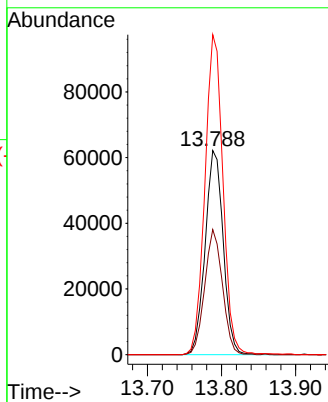
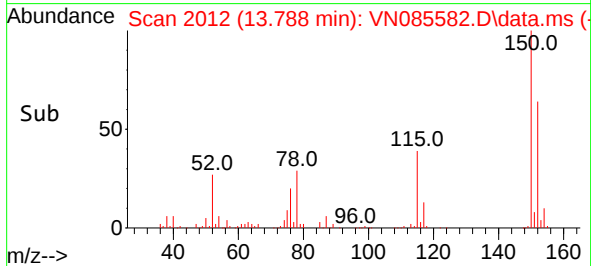


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

Instrument :
MSVOA_N
ClientSampleId :

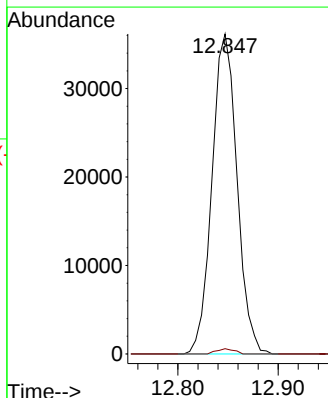
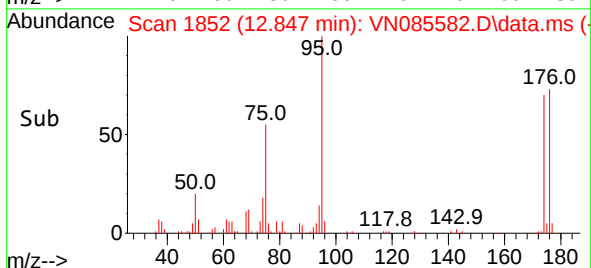
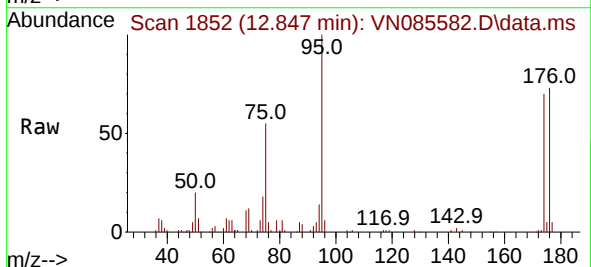


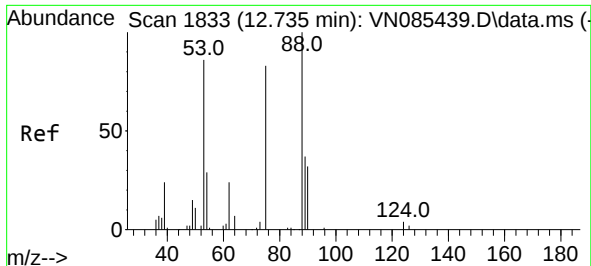
Tgt Ion:152 Resp: 105344
Ion Ratio Lower Upper
152 100
115 60.2 31.1 93.3
150 156.0 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 29.310 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085582.D
Acq: 30 Jan 2025 16:18

Tgt Ion: 75 Resp: 62757
Ion Ratio Lower Upper
75 100
77 1.2 109.7 329.2#

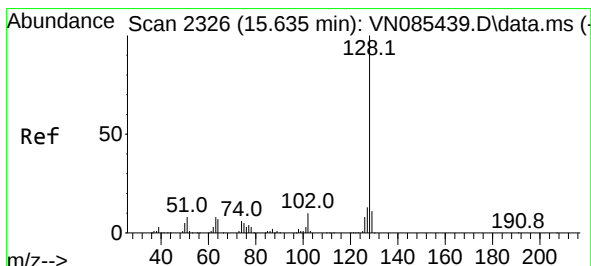
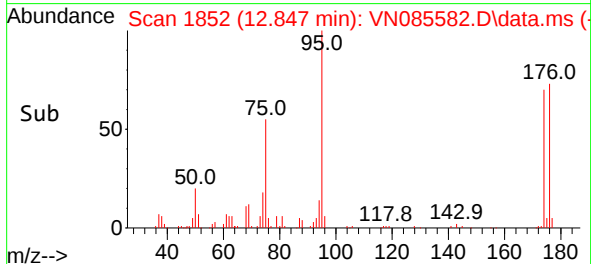
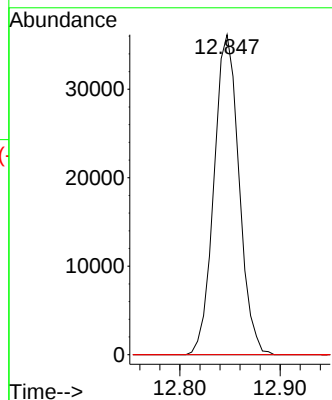
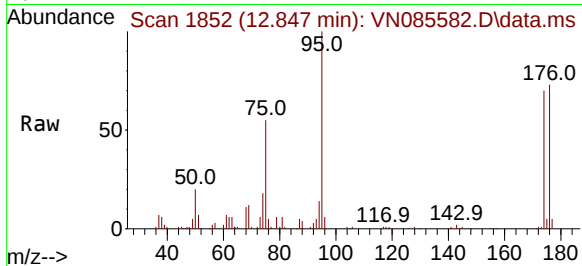




#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.300 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN085582.D
 Acq: 30 Jan 2025 16:18

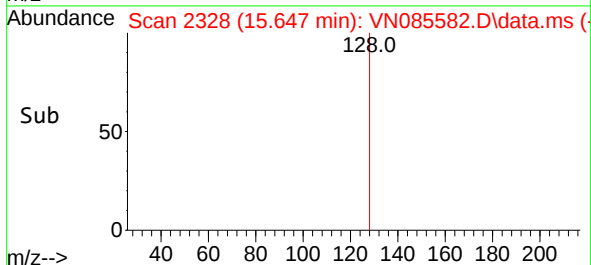
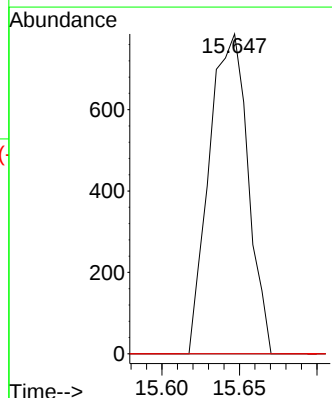
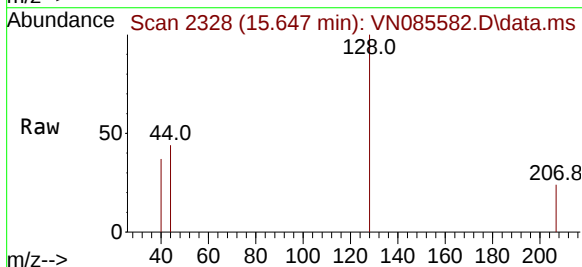
Instrument :
 MSVOA_N
 ClientSampleId :

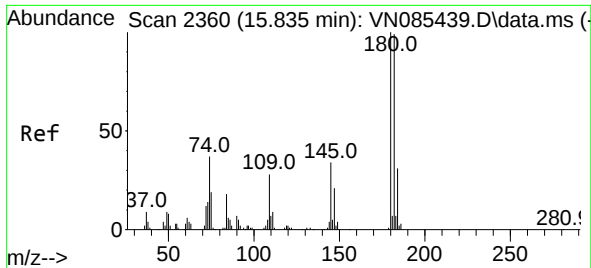
Tgt Ion: 75 Resp: 62757
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.6 143.4#
 89 0.0 37.0 55.6#



#95
 Naphthalene
 Concen: 0.289 ug/l
 RT: 15.647 min Scan# 2328
 Delta R.T. 0.012 min
 Lab File: VN085582.D
 Acq: 30 Jan 2025 16:18

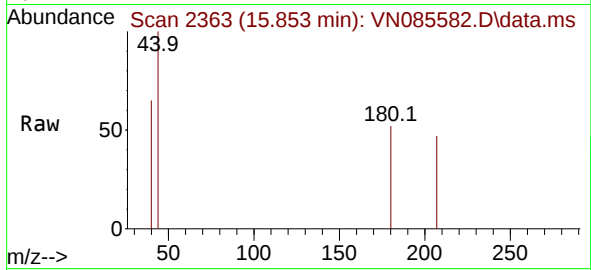
Tgt Ion: 128 Resp: 1368
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 16.0#
 129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.213 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VN085582.D
 Acq: 30 Jan 2025 16:18

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 341
 Ion Ratio Lower Upper
 180 100
 182 19.9 47.4 142.2#
 145 0.0 16.9 50.7#

