

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085536.D
 Acq On : 28 Jan 2025 14:13
 Operator : JC\MD
 Sample : Q1199-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 29 00:39:05 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)

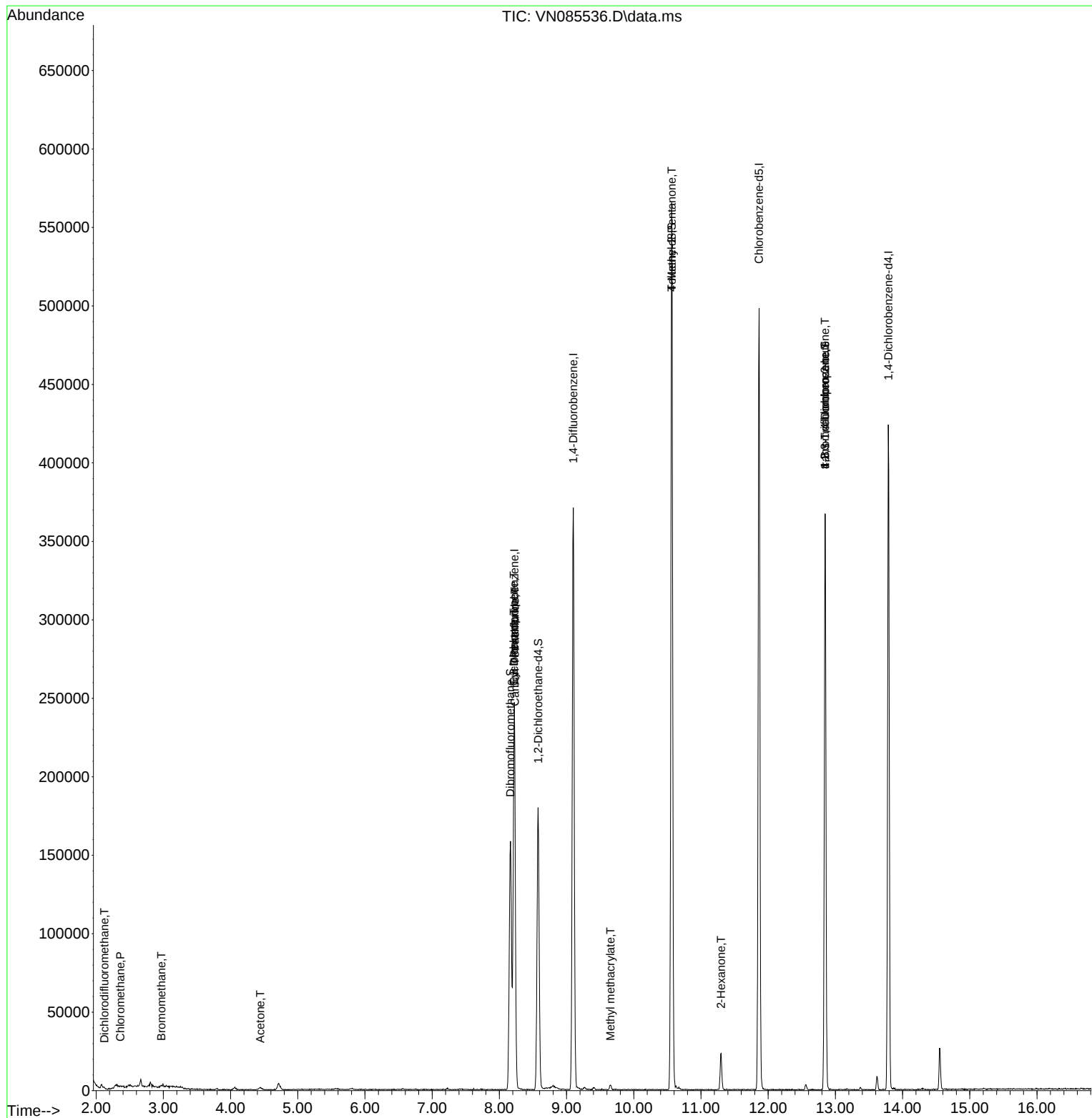
Internal Standards						
1) Pentafluorobenzene	8.224	168	162876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149778	56.968	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.940%	
35) Dibromofluoromethane	8.165	113	112960	54.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.080%	
50) Toluene-d8	10.565	98	371723	50.049	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	12.847	95	119312	46.961	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	658	0.298	ug/l	100
3) Chloromethane	2.359	50	568	0.238	ug/l #	88
5) Bromomethane	2.971	94	556	0.384	ug/l #	71
16) Acetone	4.442	43	3210	3.779	ug/l	99
31) Cyclohexane	8.218	56	4793	1.436	ug/l #	35
36) 1,1-Dichloropropene	8.218	75	16127	5.497	ug/l #	51
38) Carbon Tetrachloride	8.230	117	18478	5.501	ug/l #	17
48) Methyl methacrylate	9.653	41	1193	0.559	ug/l #	45
51) 4-Methyl-2-Pentanone	10.565	43	2102	0.763	ug/l #	1
59) 2-Hexanone	11.300	43	3751	1.936	ug/l #	45
76) 1,2,3-Trichloropropane	12.847	75	67336	30.269	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67336	81.894	ug/l #	3

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

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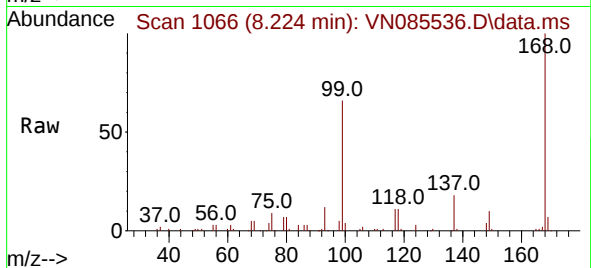
Quant Time: Jan 29 00:39:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
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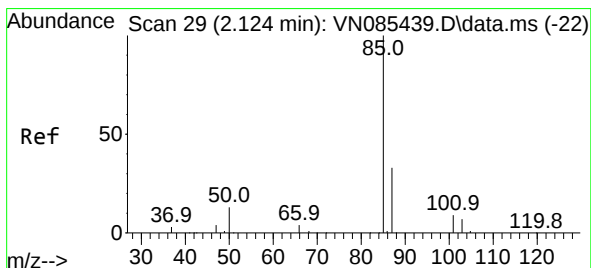
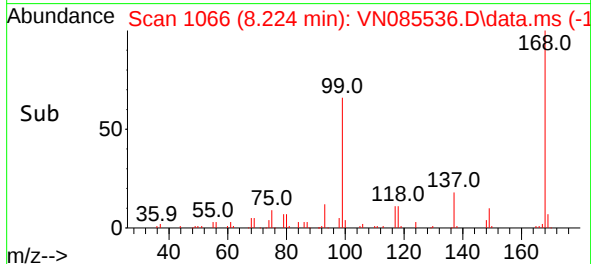
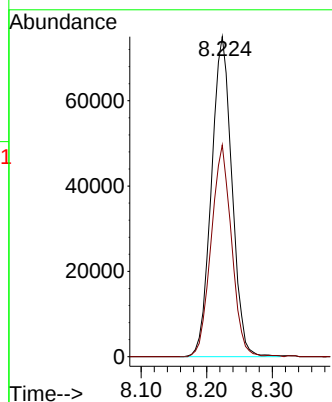


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :

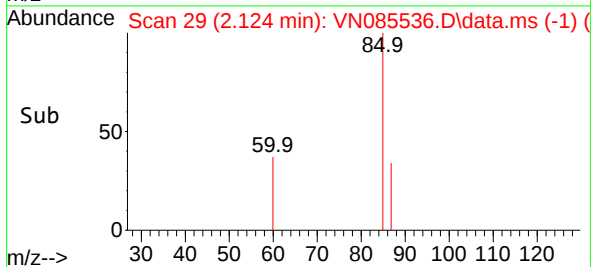
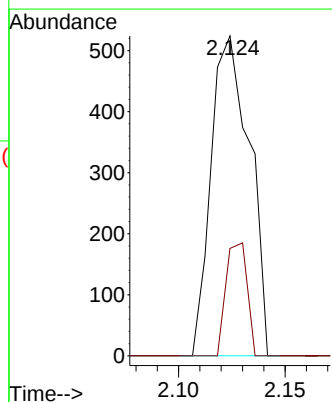
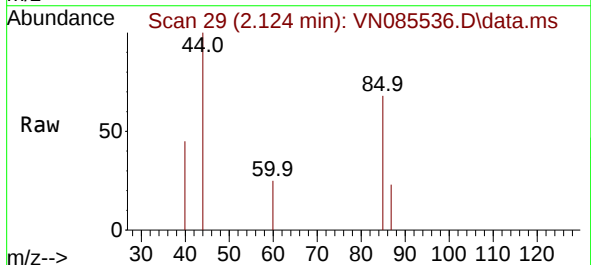


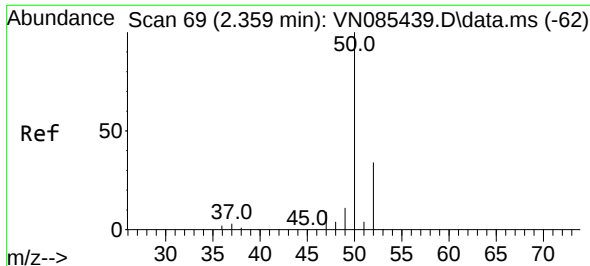
Tgt Ion:168 Resp: 162876
Ion Ratio Lower Upper
168 100
99 66.2 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 0.298 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

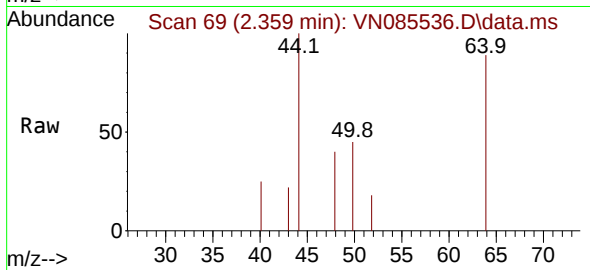
Tgt Ion: 85 Resp: 658
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.1



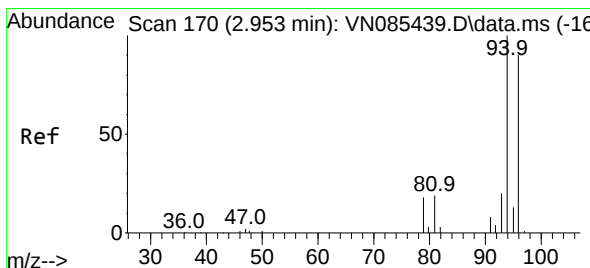
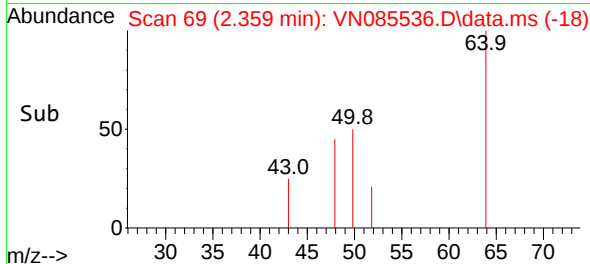
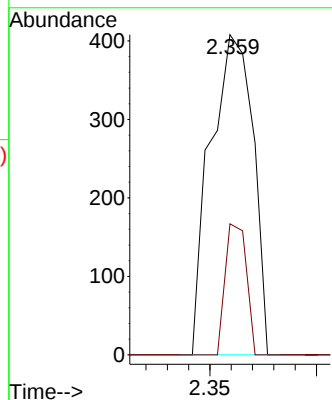


#3
Chloromethane
Concen: 0.238 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :

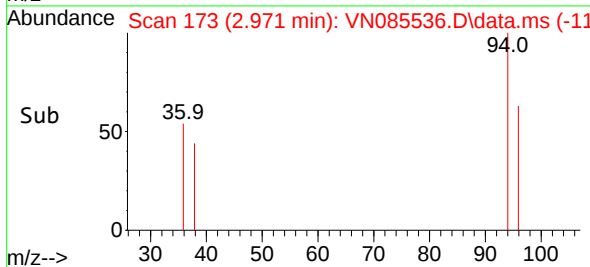
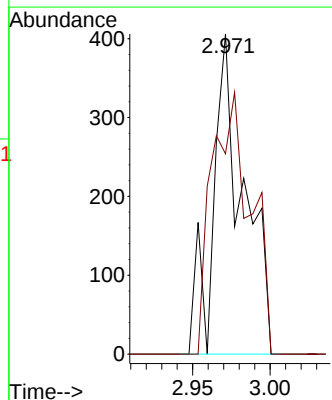
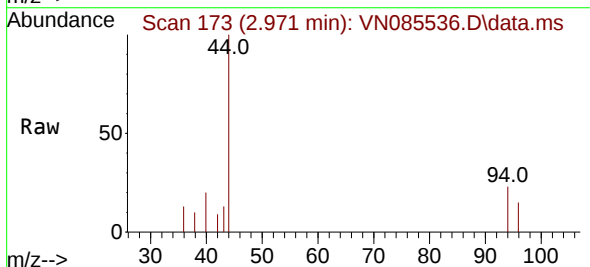


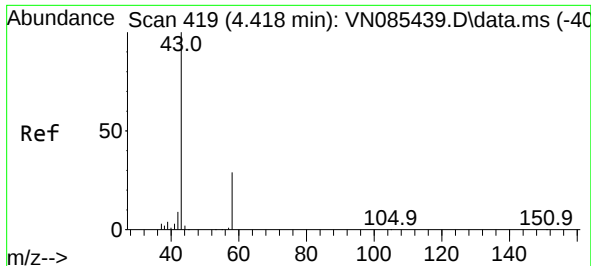
Tgt Ion: 50 Resp: 568
Ion Ratio Lower Upper
50 100
52 40.9 27.0 40.6#



#5
Bromomethane
Concen: 0.384 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

Tgt Ion: 94 Resp: 556
Ion Ratio Lower Upper
94 100
96 62.6 71.8 107.6#

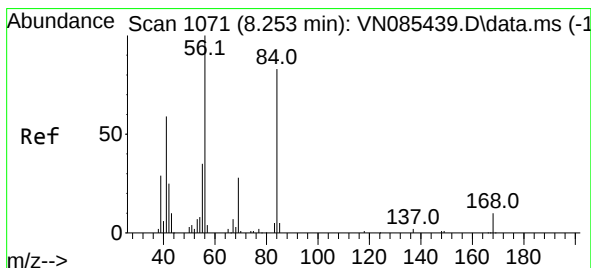
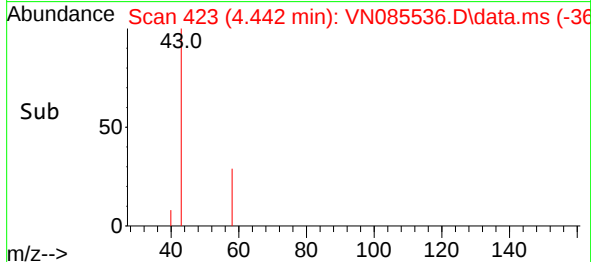
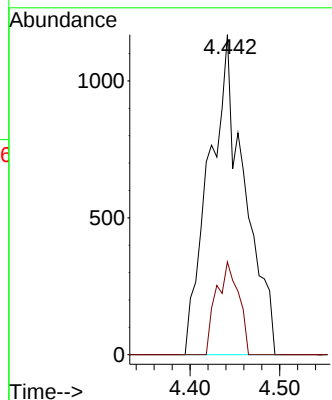
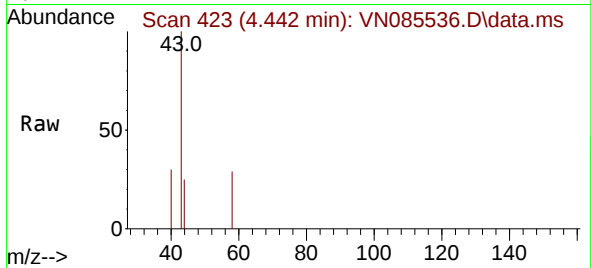




#16
Acetone
Concen: 3.779 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

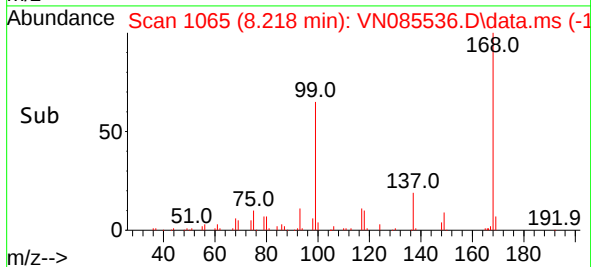
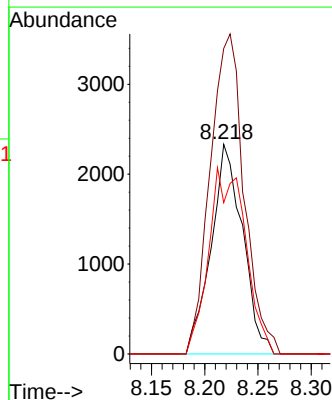
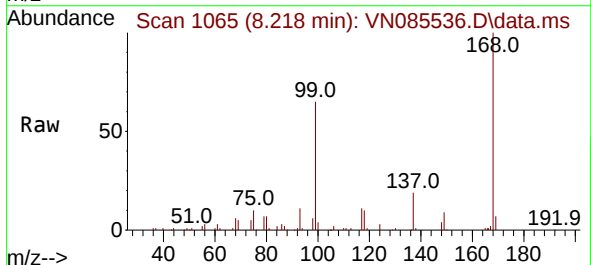
Instrument :
MSVOA_N
ClientSampleId :

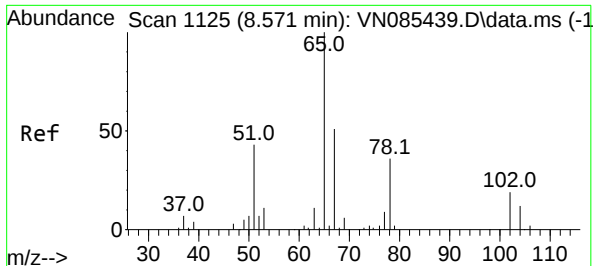
Tgt Ion: 43 Resp: 3210
Ion Ratio Lower Upper
43 100
58 29.0 23.8 35.6



#31
Cyclohexane
Concen: 1.436 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

Tgt Ion: 56 Resp: 4793
Ion Ratio Lower Upper
56 100
69 145.7 22.2 33.4#
84 72.2 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 56.968 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085536.D

Acq: 28 Jan 2025 14:13

Instrument :

MSVOA_N

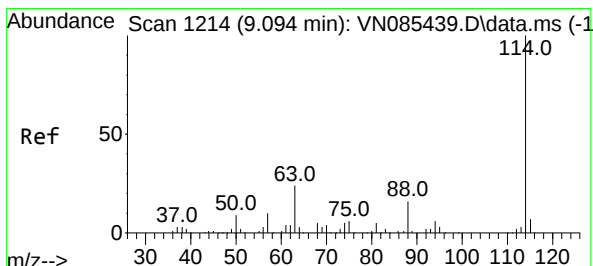
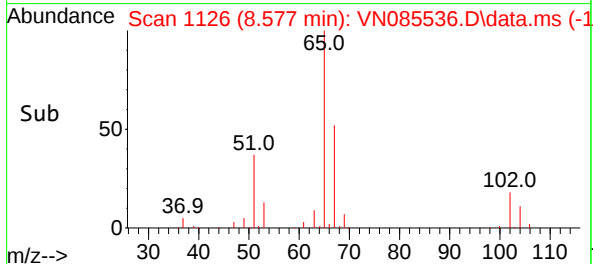
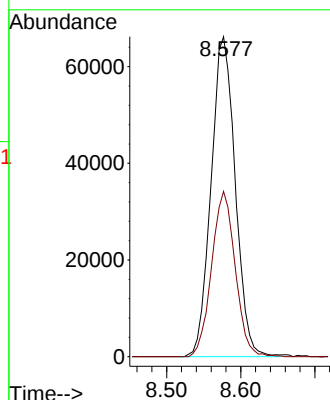
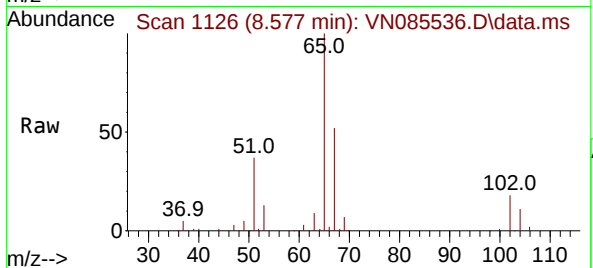
ClientSampleId :

Tgt Ion: 65 Resp: 149778

Ion Ratio Lower Upper

65 100

67 50.5 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: VN085536.D

Acq: 28 Jan 2025 14:13

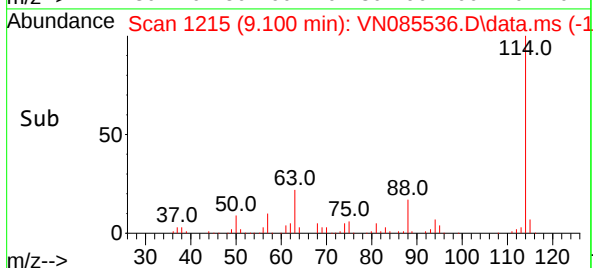
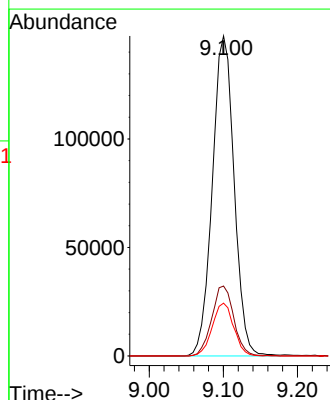
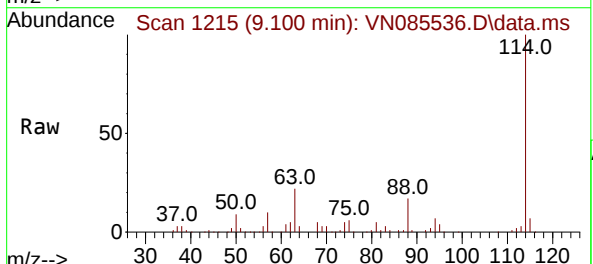
Tgt Ion: 114 Resp: 301319

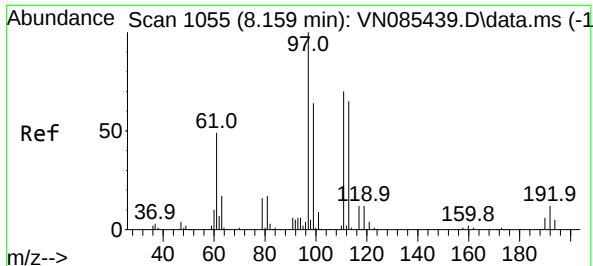
Ion Ratio Lower Upper

114 100

63 21.8 0.0 47.6

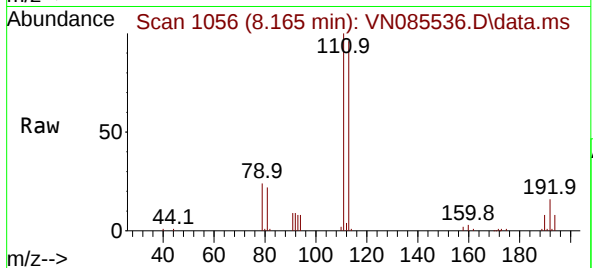
88 16.5 0.0 32.6



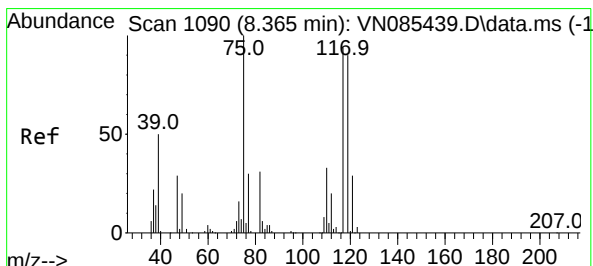
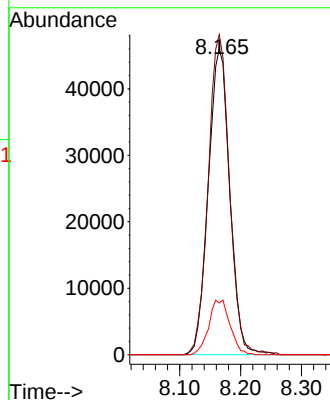
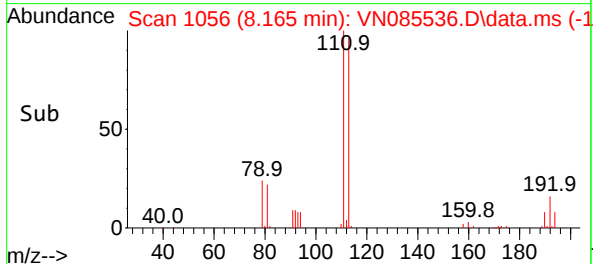


#35
Dibromofluoromethane
Concen: 54.037 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :

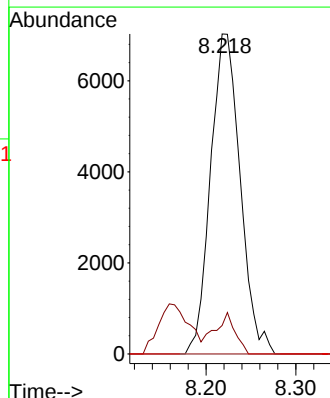
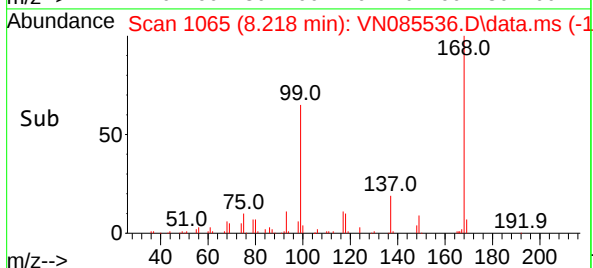
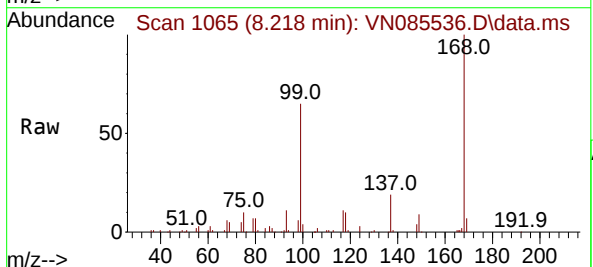


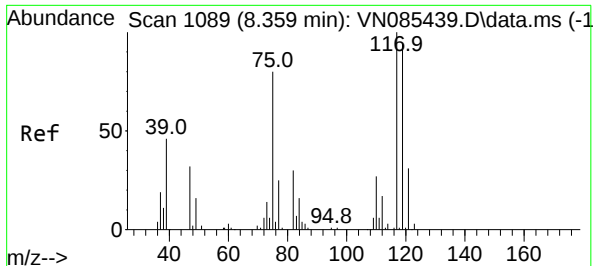
Tgt Ion:113 Resp: 112960
Ion Ratio Lower Upper
113 100
111 103.0 82.7 124.1
192 17.7 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.497 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

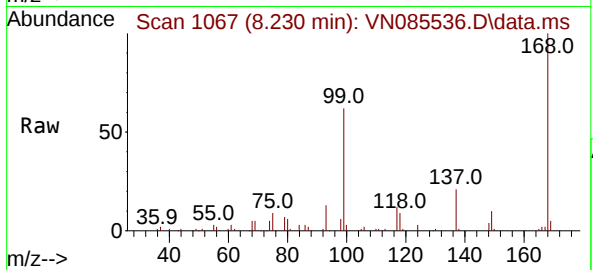
Tgt Ion: 75 Resp: 16127
Ion Ratio Lower Upper
75 100
110 9.1 16.5 49.5#
77 0.0 24.4 36.6#



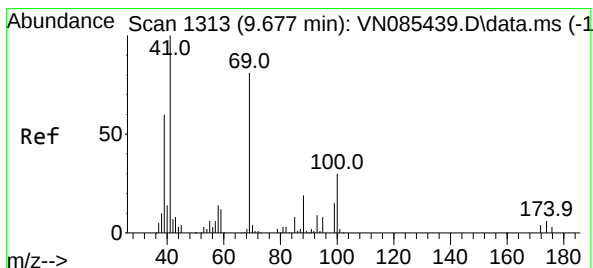
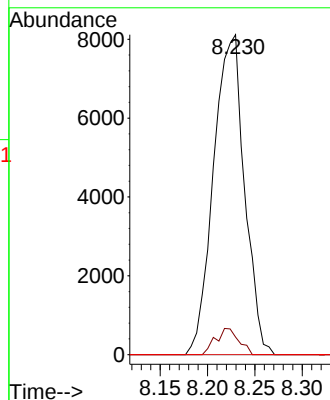
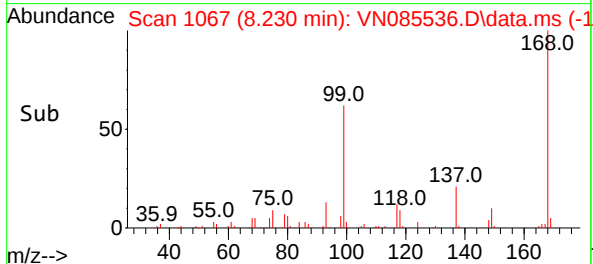


#38
Carbon Tetrachloride
Concen: 5.501 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.129 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

Instrument :
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ClientSampleId :

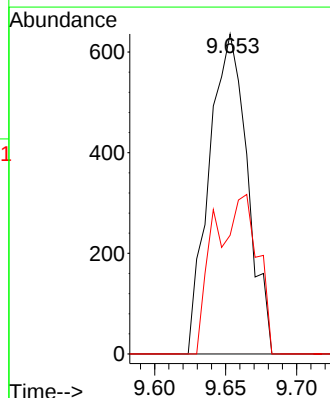
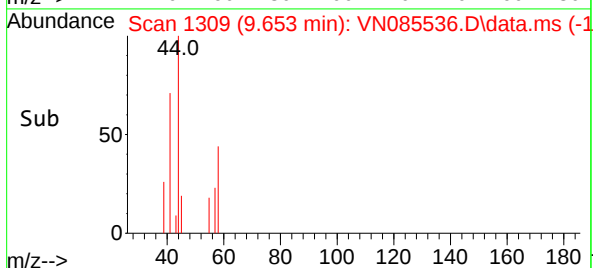
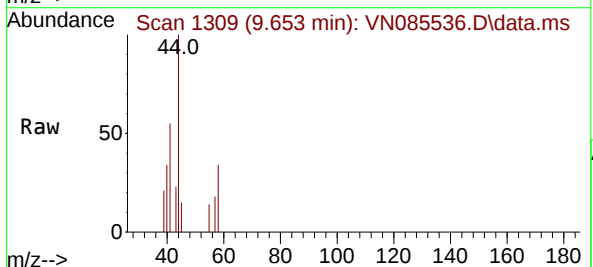


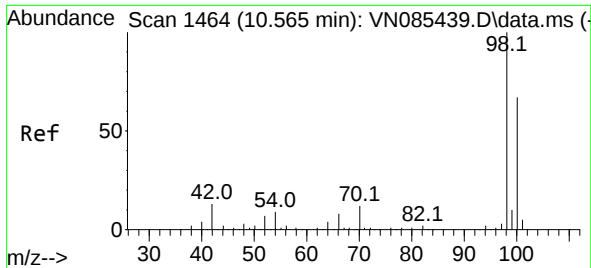
Tgt Ion:117 Resp: 18478
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.2#
121 0.0 24.6 37.0#



#48
Methyl methacrylate
Concen: 0.559 ug/l
RT: 9.653 min Scan# 1309
Delta R.T. -0.024 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

Tgt Ion: 41 Resp: 1193
Ion Ratio Lower Upper
41 100
69 0.0 64.7 97.1#
39 56.4 49.0 73.6

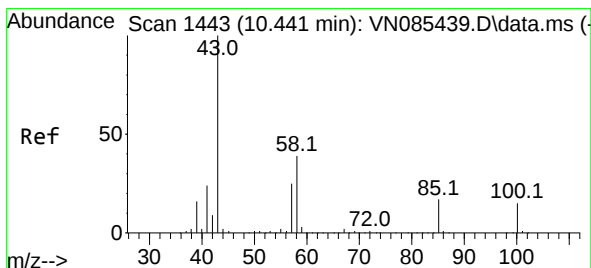
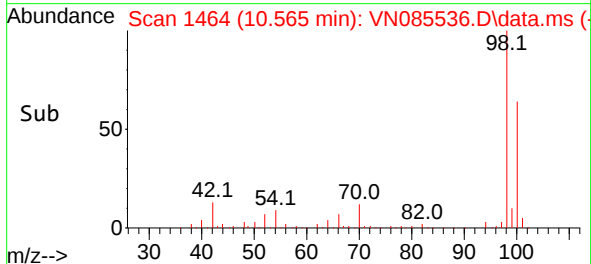
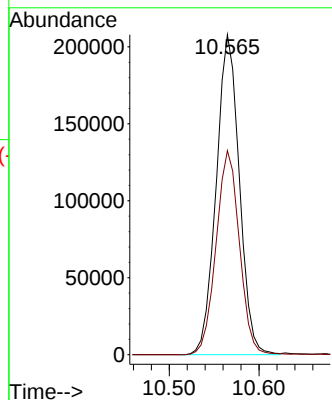
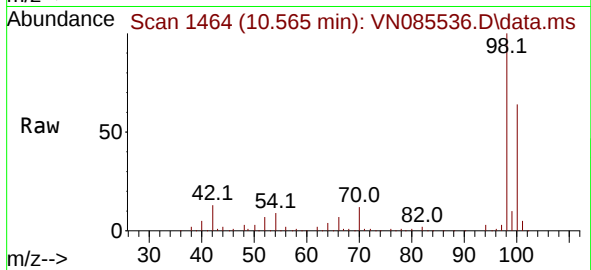




#50
Toluene-d8
Concen: 50.049 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

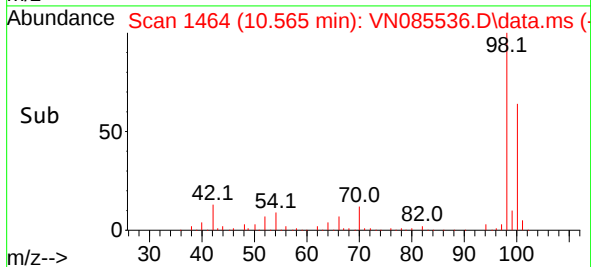
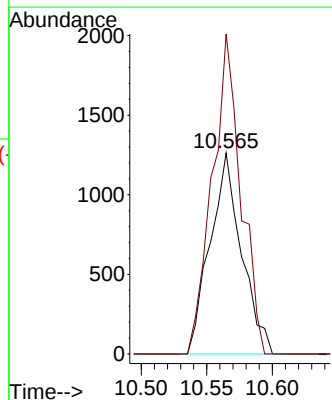
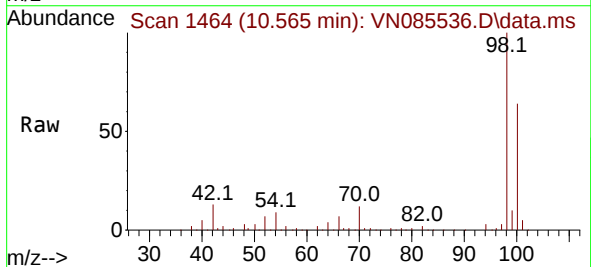
Instrument :
MSVOA_N
ClientSampleId :

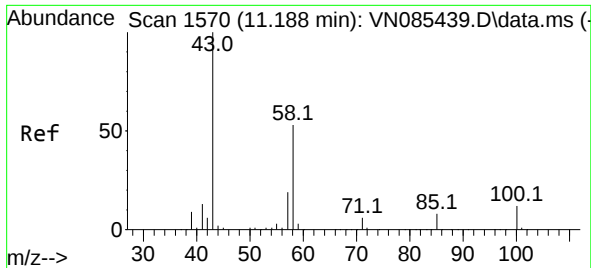
Tgt Ion: 98 Resp: 371723
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.763 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

Tgt Ion: 43 Resp: 2102
Ion Ratio Lower Upper
43 100
58 145.1 30.5 45.7#

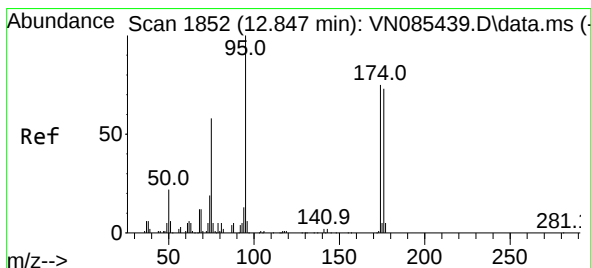
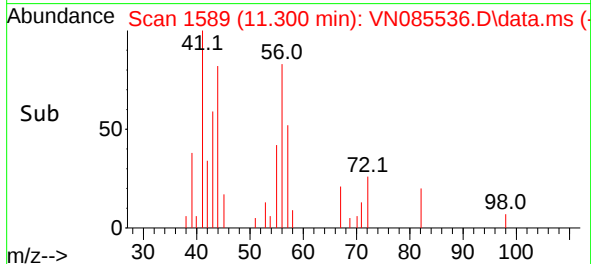
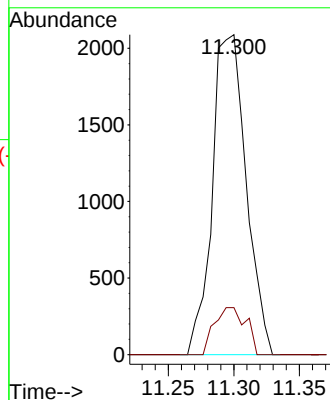
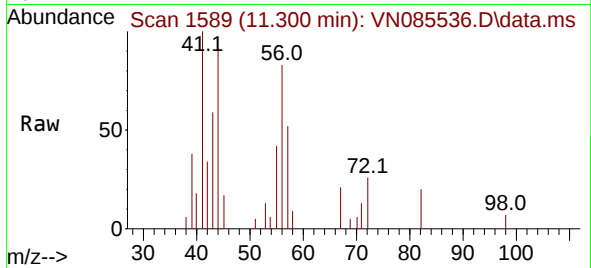




#59
2-Hexanone
Concen: 1.936 ug/l
RT: 11.300 min Scan# 11589
Delta R.T. 0.112 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

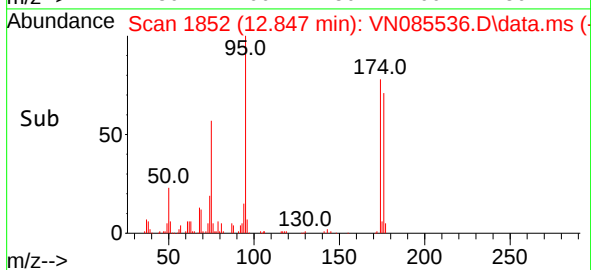
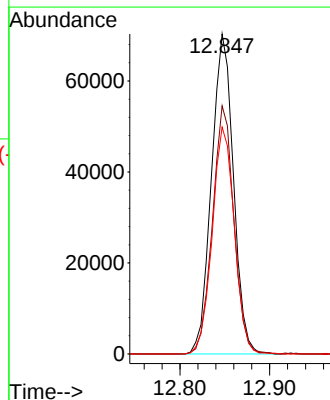
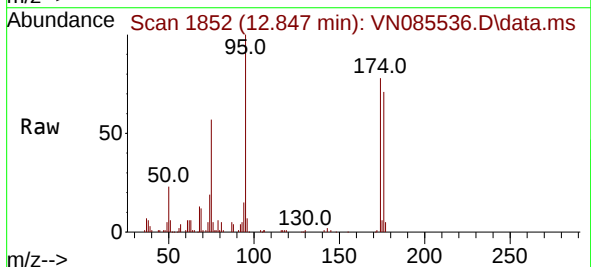
Instrument :
MSVOA_N
ClientSampleId :

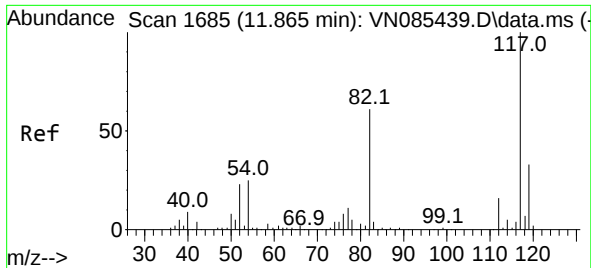
Tgt Ion: 43 Resp: 3751
Ion Ratio Lower Upper
43 100
58 13.7 26.2 78.6#



#62
4-Bromofluorobenzene
Concen: 46.961 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

Tgt Ion: 95 Resp: 119312
Ion Ratio Lower Upper
95 100
174 75.7 0.0 145.0
176 71.4 0.0 142.4

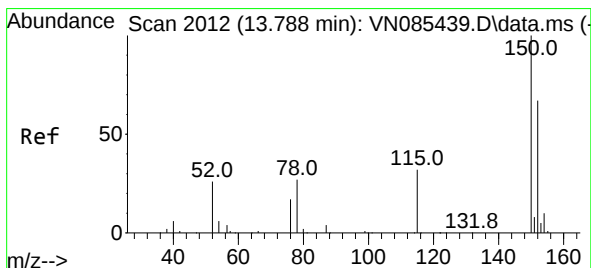
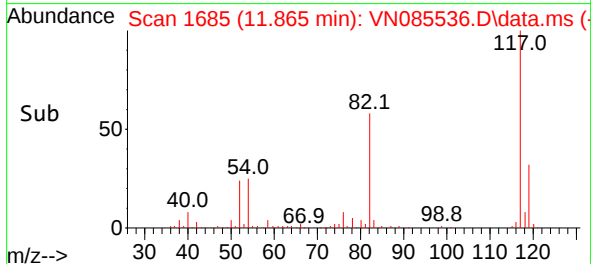
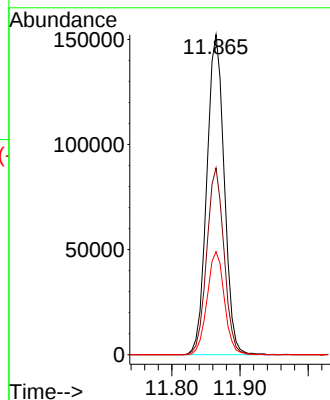
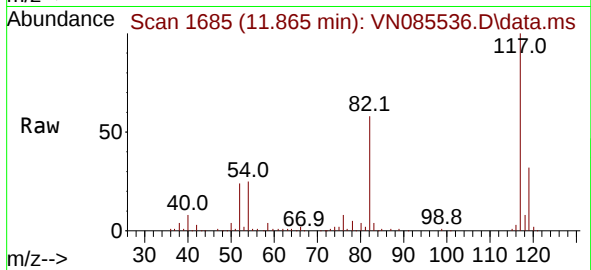




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

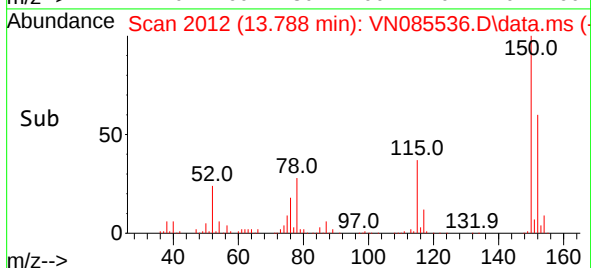
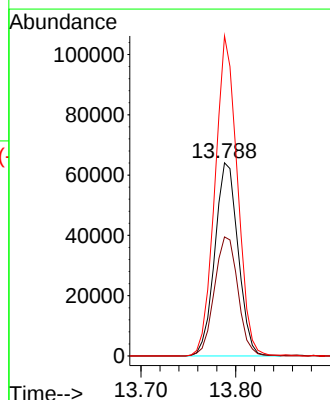
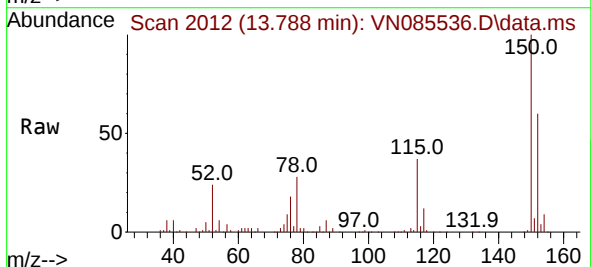
Instrument :
MSVOA_N
ClientSampleId :

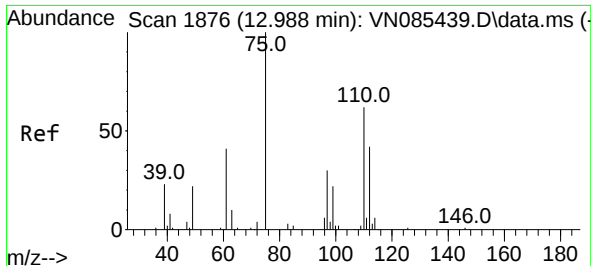
Tgt Ion:117 Resp: 270559
Ion Ratio Lower Upper
117 100
82 58.4 48.6 72.8
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085536.D
Acq: 28 Jan 2025 14:13

Tgt Ion:152 Resp: 109450
Ion Ratio Lower Upper
152 100
115 62.6 31.1 93.3
150 159.5 0.0 343.6

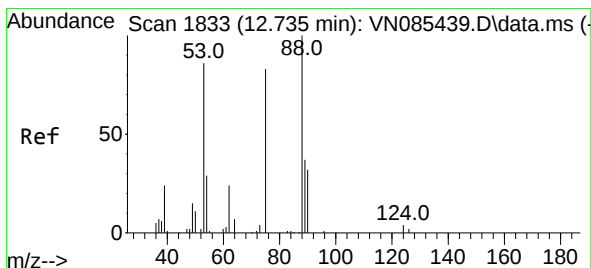
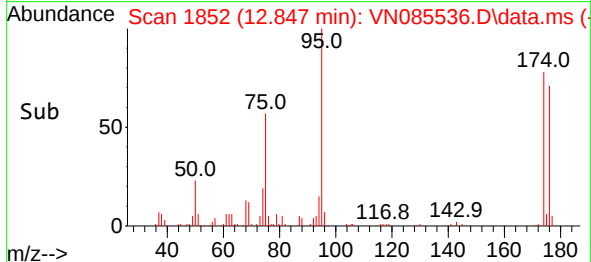
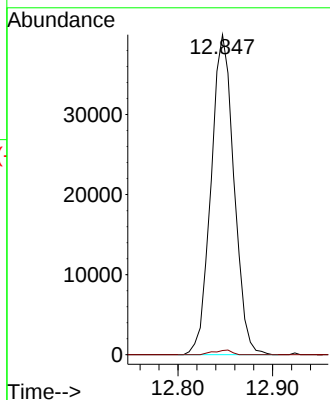
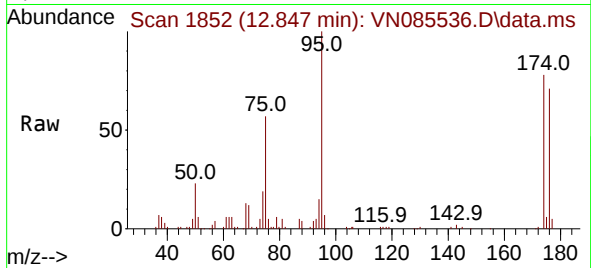




#76
 1,2,3-Trichloropropane
 Concen: 30.269 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085536.D
 Acq: 28 Jan 2025 14:13

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 67336
 Ion Ratio Lower Upper
 75 100
 77 1.1 109.7 329.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.894 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN085536.D
 Acq: 28 Jan 2025 14:13

Tgt Ion: 75 Resp: 67336
 Ion Ratio Lower Upper
 75 100
 53 0.3 95.6 143.4#
 89 0.0 37.0 55.6#

