

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070325\
 Data File : VN087274.D
 Acq On : 03 Jul 2025 16:10
 Operator : JC\MD
 Sample : Q2487-24
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 G1(4.5)

Quant Time: Jul 04 02:41:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

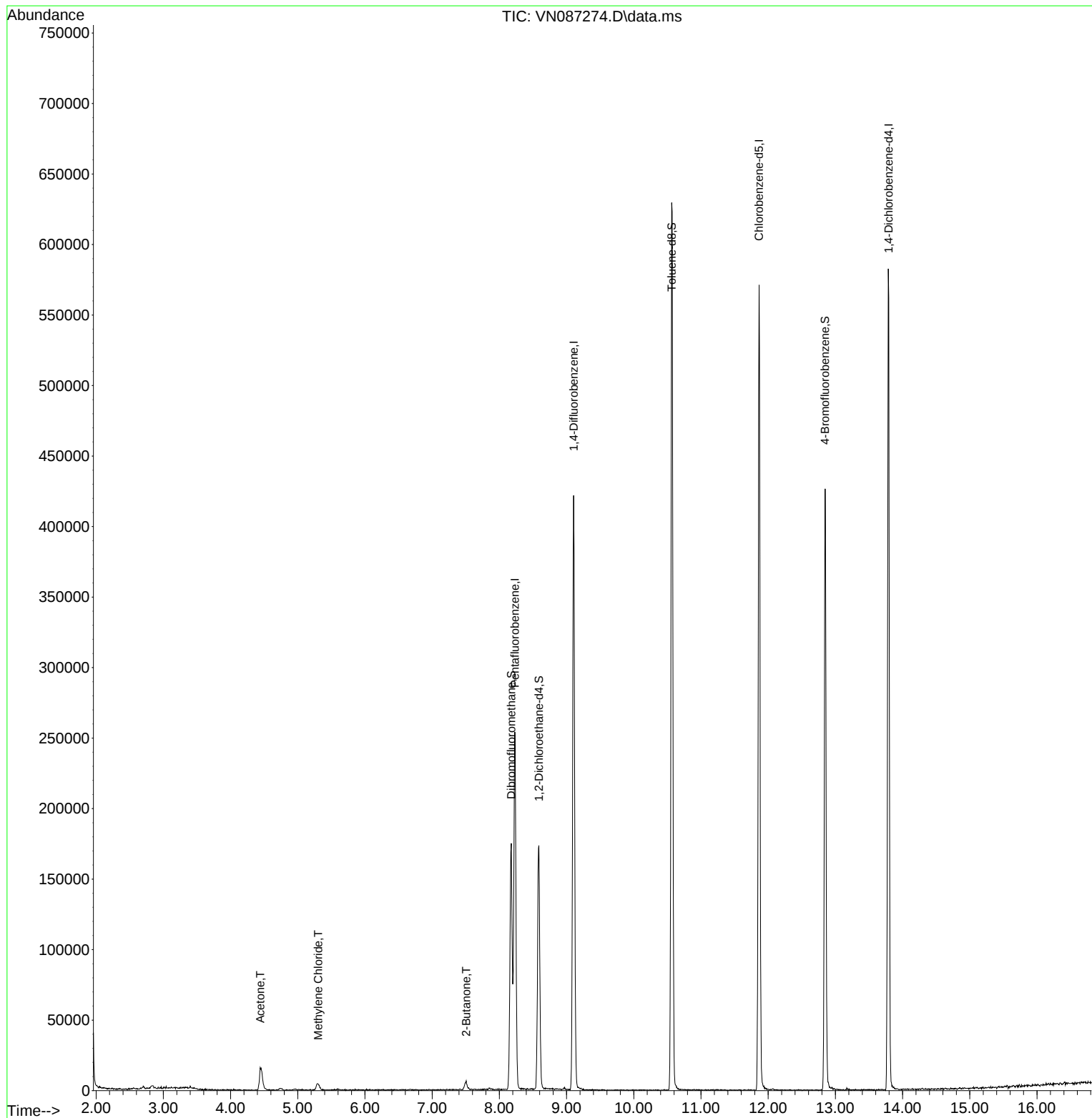
Internal Standards						
1) Pentafluorobenzene	8.230	168	196275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	379292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	357955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	145016	58.869	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 117.740%		
35) Dibromofluoromethane	8.177	113	126518	52.094	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.180%		
50) Toluene-d8	10.565	98	460573	48.654	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.300%		
62) 4-Bromofluorobenzene	12.847	95	153736	45.643	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.280%		
Target Compounds						
						Qvalue
16) Acetone	4.442	43	31198	33.127	ug/l	98
20) Methylene Chloride	5.306	84	4614	2.212	ug/l	88
25) 2-Butanone	7.506	43	9368	6.365	ug/l #	84

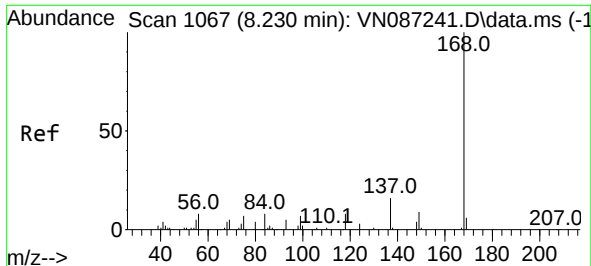
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

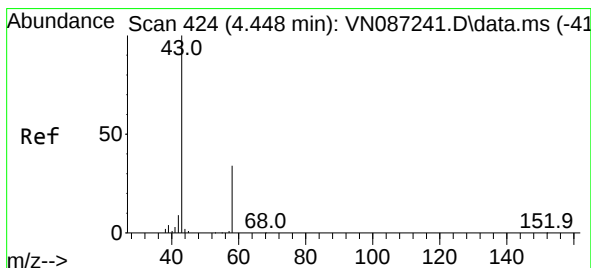
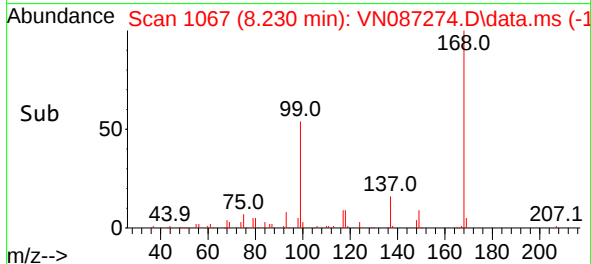
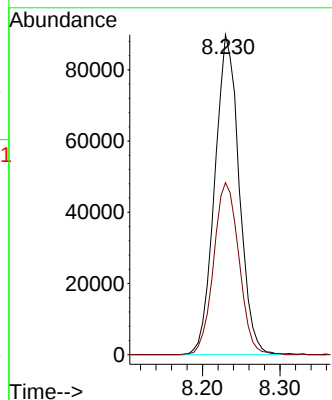
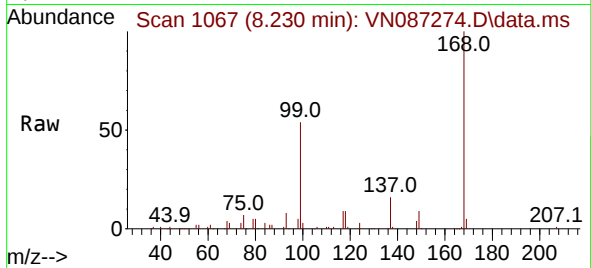




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087274.D
Acq: 03 Jul 2025 16:10

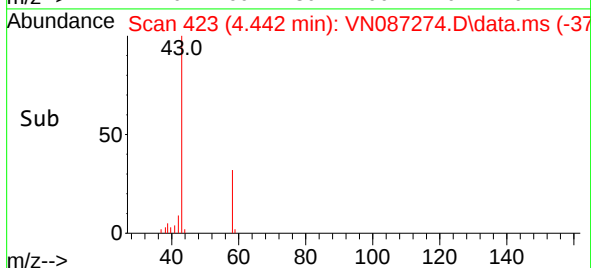
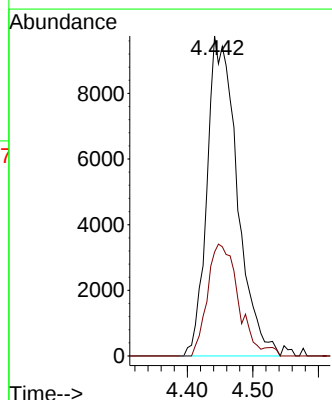
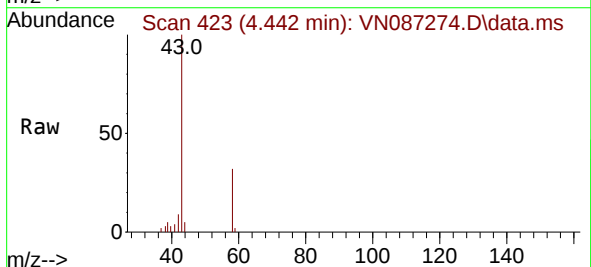
Instrument :
MSVOA_N
ClientSampleId :
G1(4.5)

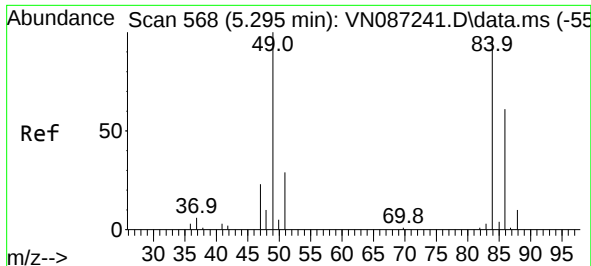
Tgt Ion:168 Resp: 196275
Ion Ratio Lower Upper
168 100
99 53.7 42.6 64.0



#16
Acetone
Concen: 33.127 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087274.D
Acq: 03 Jul 2025 16:10

Tgt Ion: 43 Resp: 31198
Ion Ratio Lower Upper
43 100
58 32.5 27.1 40.7



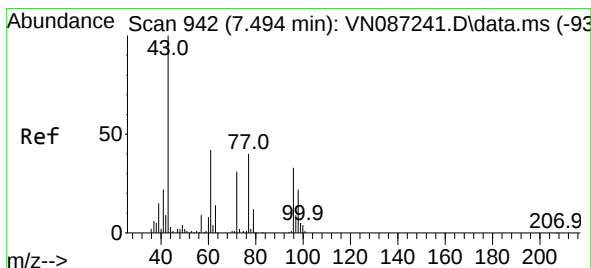
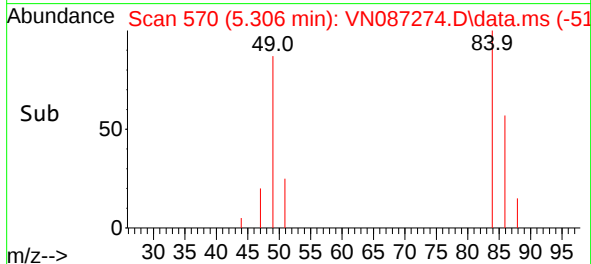
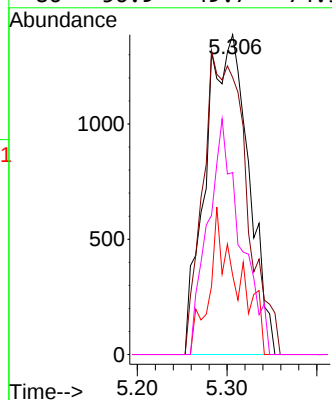
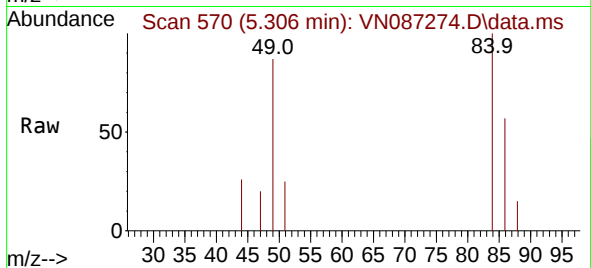


#20
Methylene Chloride
Concen: 2.212 ug/l
RT: 5.306 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087274.D
Acq: 03 Jul 2025 16:10

Instrument :
MSVOA_N
ClientSampleId :
G1(4.5)

Tgt Ion: 84 Resp: 4614

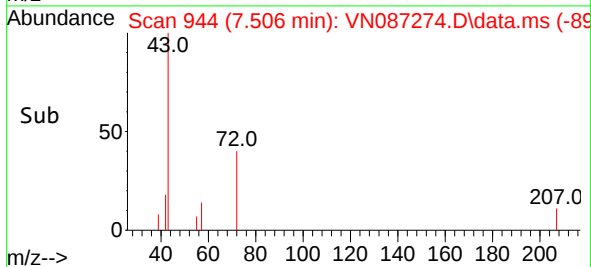
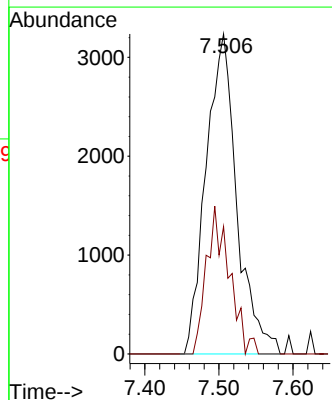
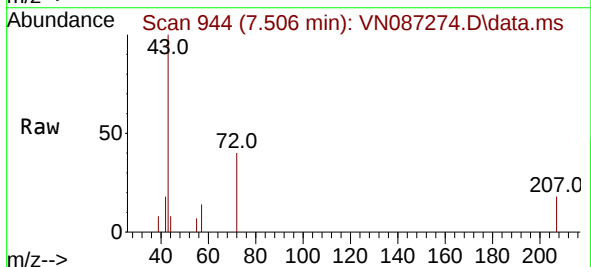
Ion	Ratio	Lower	Upper
84	100		
49	86.6	82.1	123.1
51	24.8	23.5	35.3
86	56.9	49.7	74.5

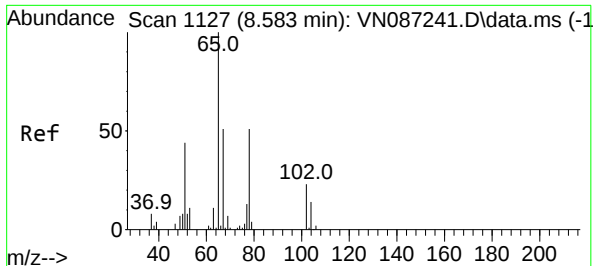


#25
2-Butanone
Concen: 6.365 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN087274.D
Acq: 03 Jul 2025 16:10

Tgt Ion: 43 Resp: 9368

Ion	Ratio	Lower	Upper
43	100		
72	39.8	24.8	37.2





#33

1,2-Dichloroethane-d4

Concen: 58.869 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN087274.D

Acq: 03 Jul 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

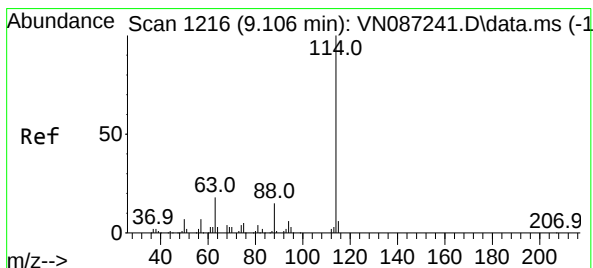
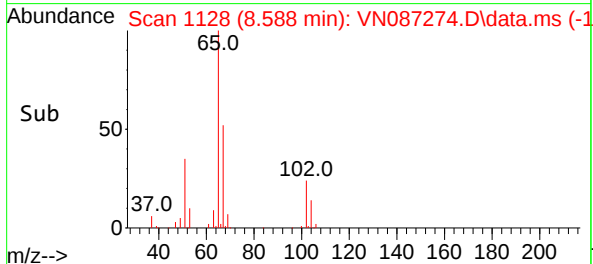
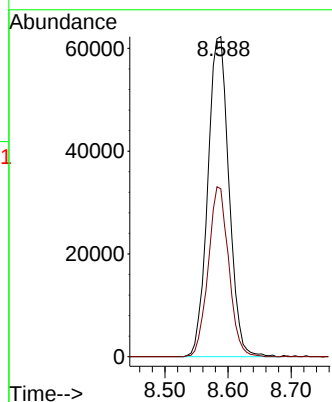
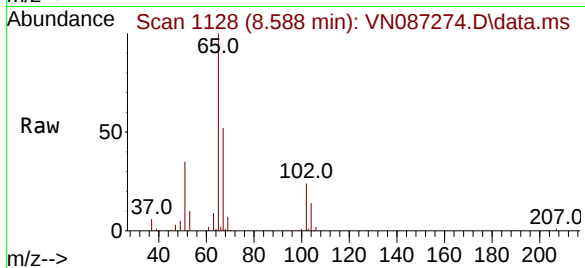
G1(4.5)

Tgt Ion: 65 Resp: 145016

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087274.D

Acq: 03 Jul 2025 16:10

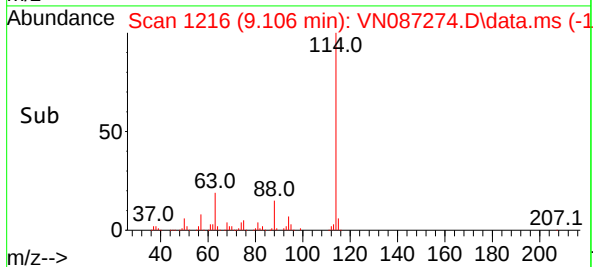
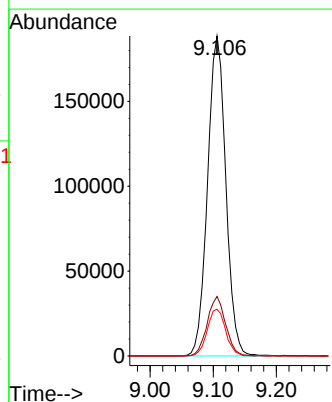
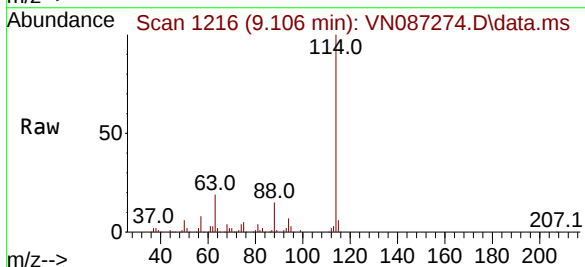
Tgt Ion: 114 Resp: 379292

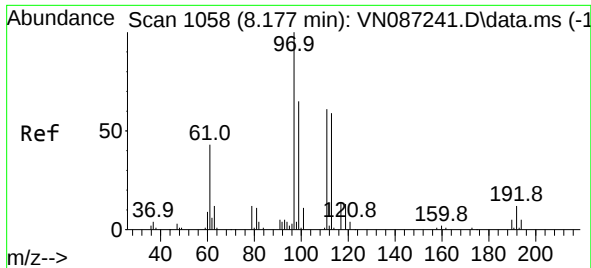
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.6

88 14.6 0.0 29.6

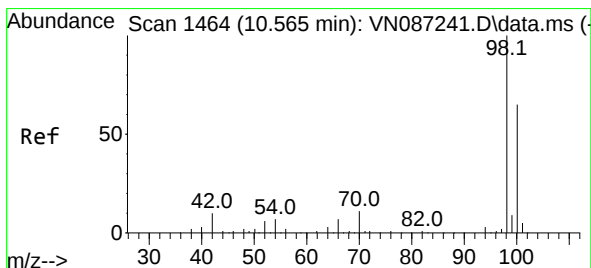
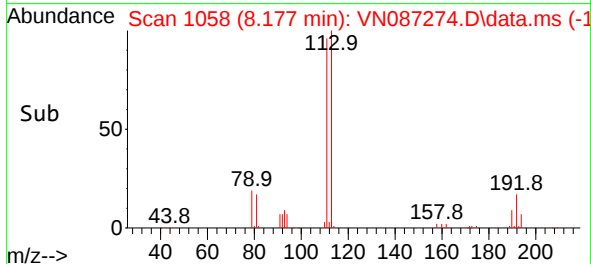
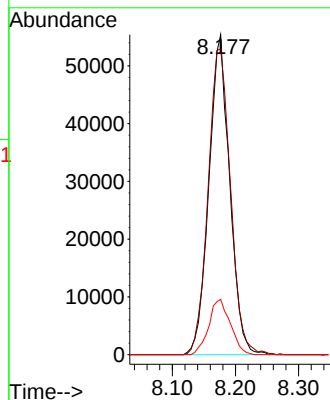
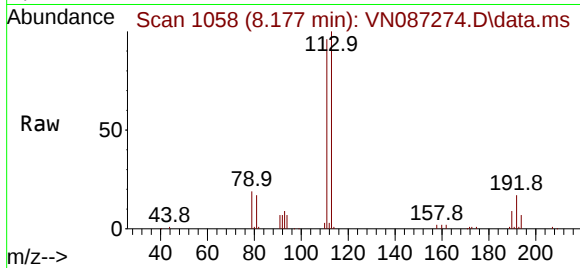




#35
Dibromofluoromethane
Concen: 52.094 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087274.D
Acq: 03 Jul 2025 16:10

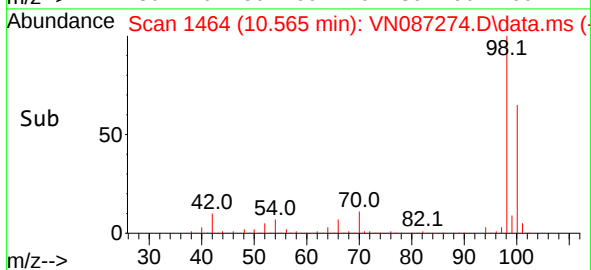
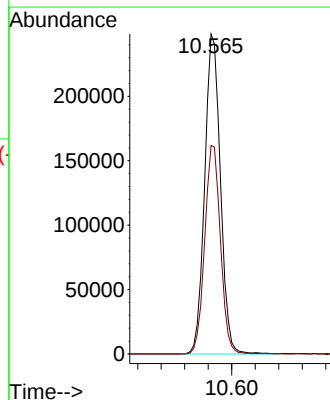
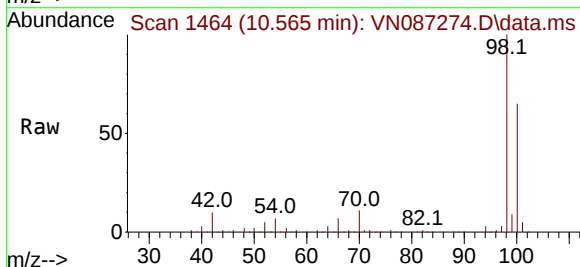
Instrument :
MSVOA_N
ClientSampleId :
G1(4.5)

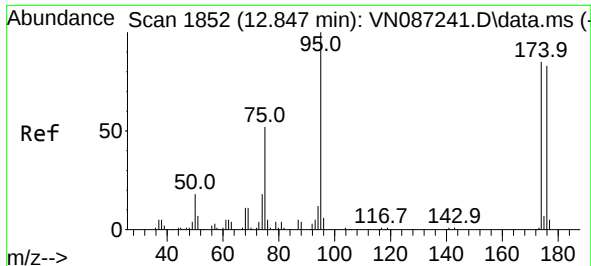
Tgt Ion:113 Resp: 126518
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.2
192 17.9 15.1 22.7



#50
Toluene-d8
Concen: 48.654 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087274.D
Acq: 03 Jul 2025 16:10

Tgt Ion: 98 Resp: 460573
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

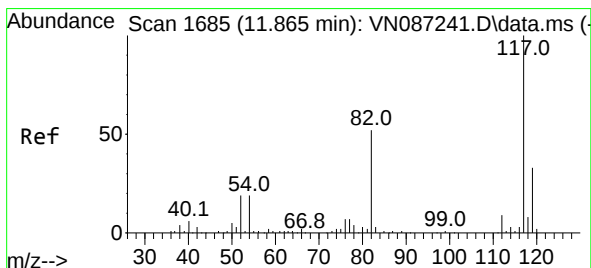
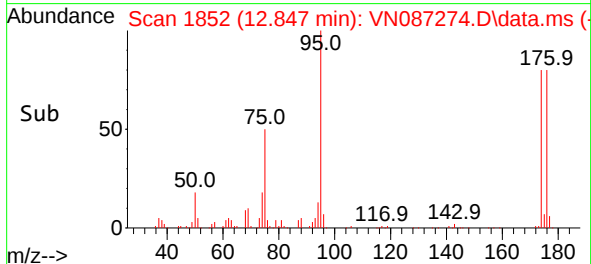
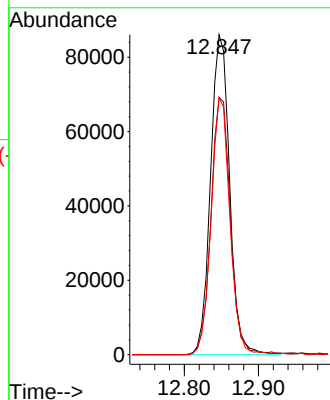
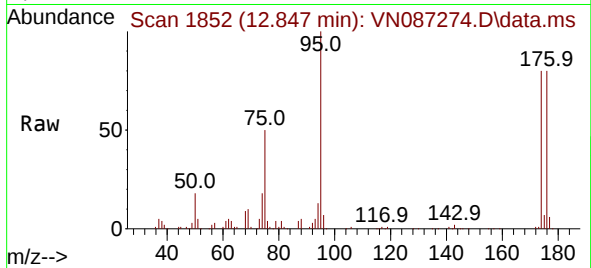




#62
4-Bromofluorobenzene
Concen: 45.643 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087274.D
Acq: 03 Jul 2025 16:10

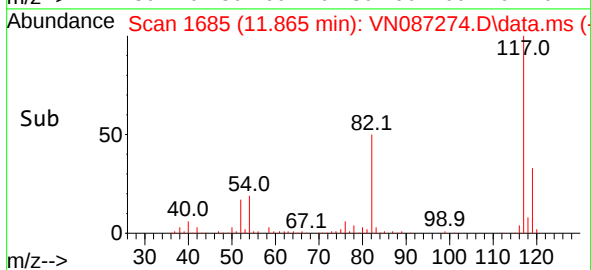
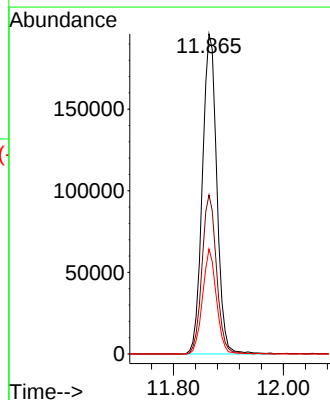
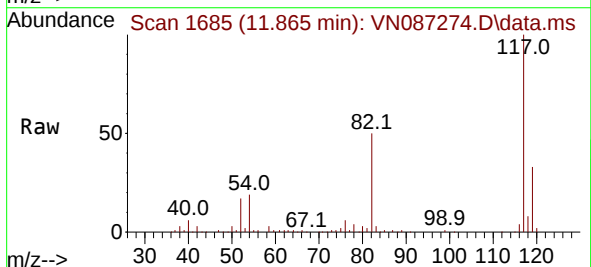
Instrument :
MSVOA_N
ClientSampleId :
G1(4.5)

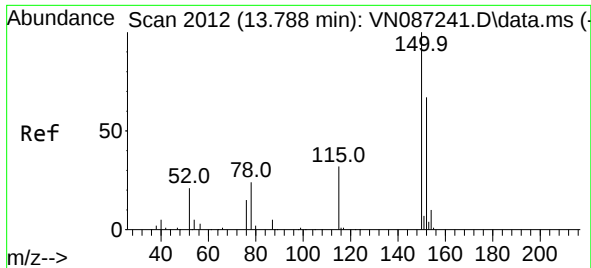
Tgt Ion: 95 Resp: 153736
Ion Ratio Lower Upper
95 100
174 81.5 0.0 169.6
176 79.4 0.0 161.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087274.D
Acq: 03 Jul 2025 16:10

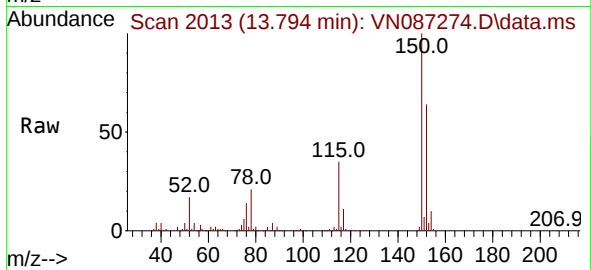
Tgt Ion: 117 Resp: 357955
Ion Ratio Lower Upper
117 100
82 49.7 41.9 62.9
119 32.8 26.2 39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN087274.D
Acq: 03 Jul 2025 16:10

Instrument :
MSVOA_N
ClientSampleId :
G1(4.5)



Tgt Ion:	152	Resp:	173051
Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.3	84.9
150	157.6	0.0	344.6

