

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070325\
 Data File : VN087271.D
 Acq On : 03 Jul 2025 15:06
 Operator : JC\MD
 Sample : Q2487-21
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 G2(2.5)

Quant Time: Jul 04 01:32:45 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)

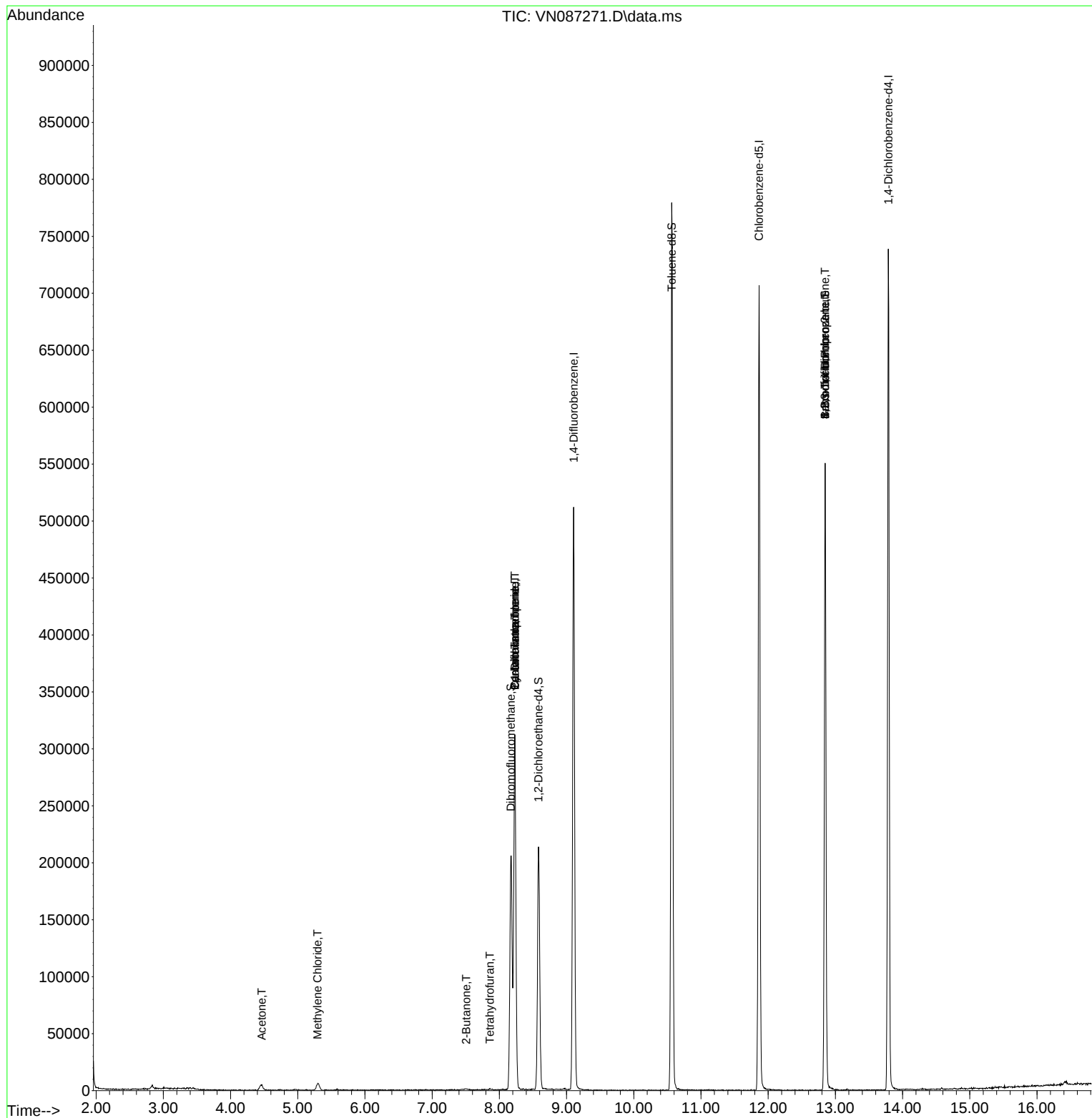
Internal Standards						
1) Pentafluorobenzene	8.230	168	237967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	463740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	429398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	214279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	176391	59.060	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.120%			
35) Dibromofluoromethane	8.171	113	154409	52.001	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.000%			
50) Toluene-d8	10.565	98	567696	49.049	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.100%			
62) 4-Bromofluorobenzene	12.847	95	188882	45.866	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.740%			
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	10522	9.215	ug/l #	88
20) Methylene Chloride	5.294	84	5368	2.122	ug/l #	91
25) 2-Butanone	7.506	43	2046	1.147	ug/l #	77
29) Tetrahydrofuran	7.859	42	567	0.493	ug/l #	58
31) Cyclohexane	8.230	56	4505	1.108	ug/l #	22
36) 1,1-Dichloropropene	8.230	75	17786	4.405	ug/l #	49
38) Carbon Tetrachloride	8.230	117	24713	5.401	ug/l #	15
71) Bromoform	12.847	173	1707	0.665	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	95352	23.395	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	95352	54.952	ug/l #	14

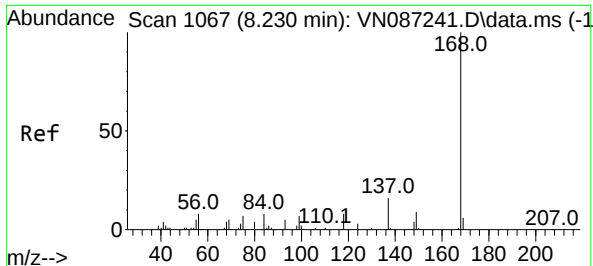
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070325\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
Quant Title : SW846 8260
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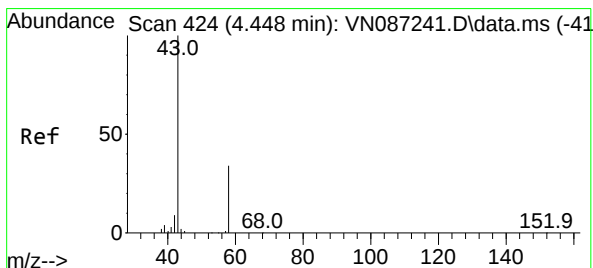
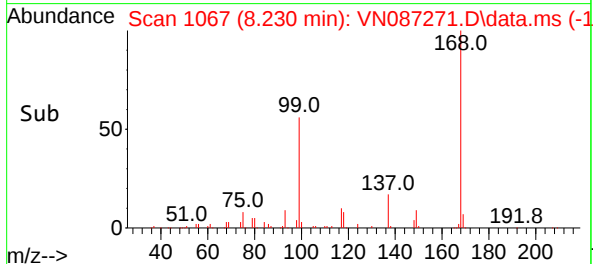
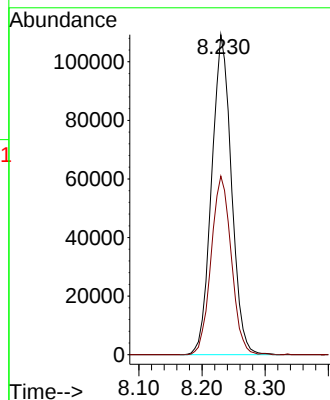
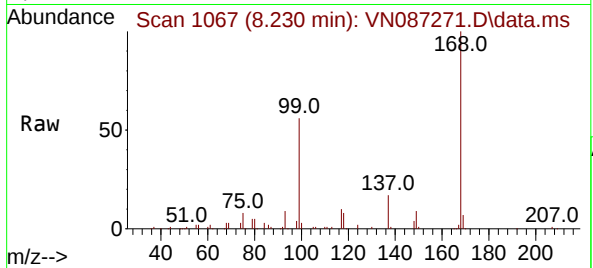




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087271.D
Acq: 03 Jul 2025 15:06

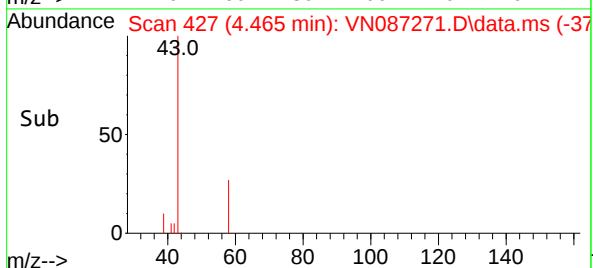
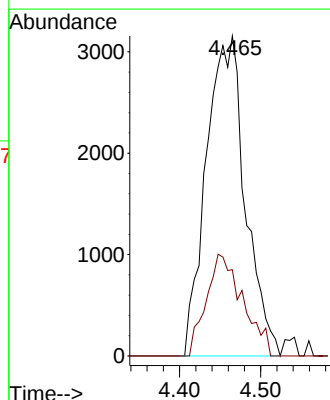
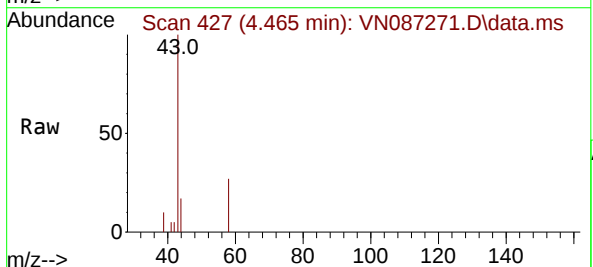
Instrument :
MSVOA_N
ClientSampleId :
G2(2.5)

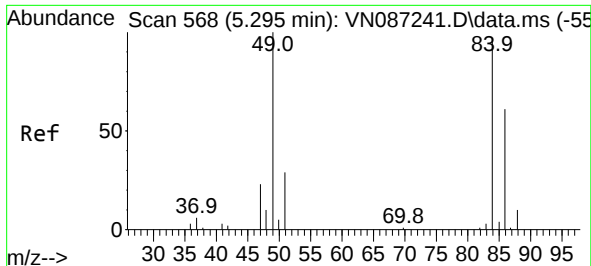
Tgt Ion:168 Resp: 237967
Ion Ratio Lower Upper
168 100
99 55.8 42.6 64.0



#16
Acetone
Concen: 9.215 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.018 min
Lab File: VN087271.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 43 Resp: 10522
Ion Ratio Lower Upper
43 100
58 27.0 27.1 40.7#

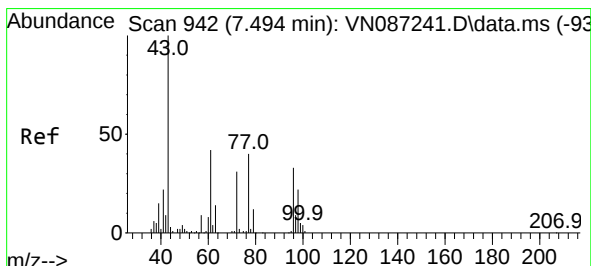
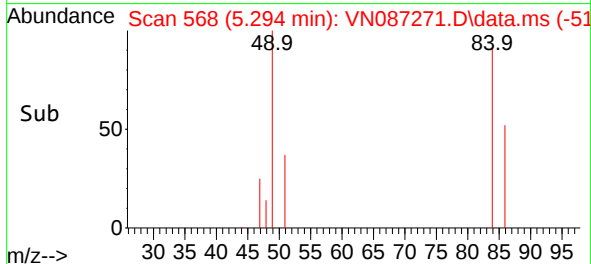
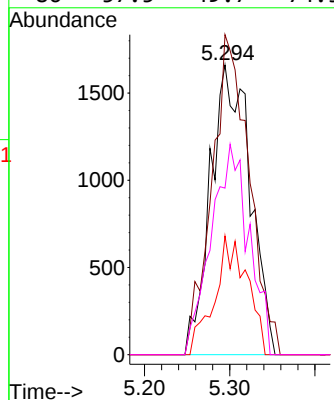
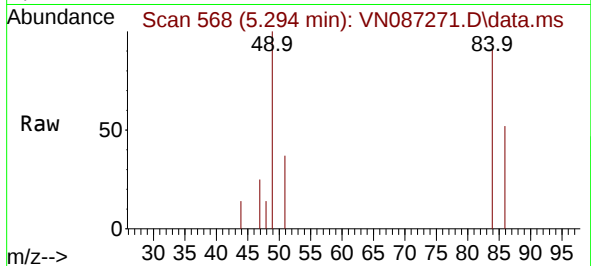




#20
Methylene Chloride
Concen: 2.122 ug/l
RT: 5.294 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN087271.D
Acq: 03 Jul 2025 15:06

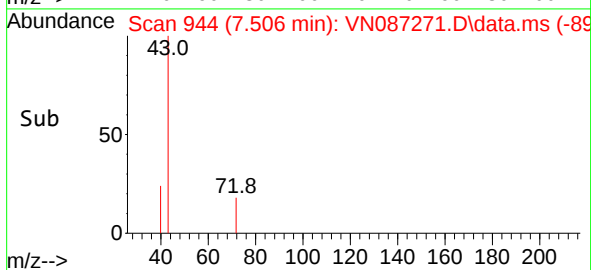
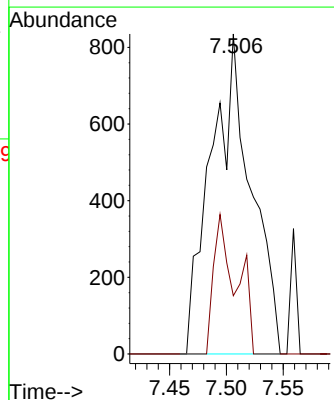
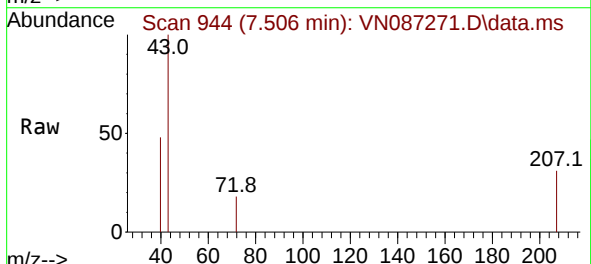
Instrument :
MSVOA_N
ClientSampleId :
G2(2.5)

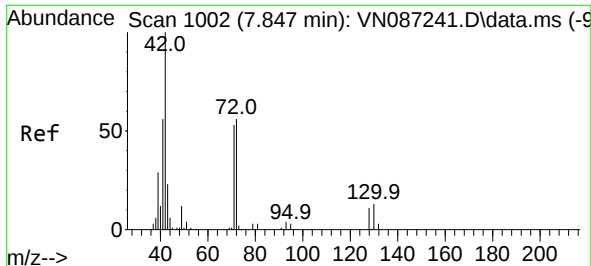
Tgt Ion: 84	Resp: 5368
Ion Ratio	Lower Upper
84 100	
49 110.4	82.1 123.1
51 41.0	23.5 35.3#
86 57.5	49.7 74.5



#25
2-Butanone
Concen: 1.147 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN087271.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 43	Resp: 2046		
Ion Ratio	Lower	Upper	
43 100			
72 18.2	24.8	37.2#	





#29

Tetrahydrofuran

Concen: 0.493 ug/l

RT: 7.859 min Scan# 1067

Delta R.T. 0.012 min

Lab File: VN087271.D

Acq: 03 Jul 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

G2(2.5)

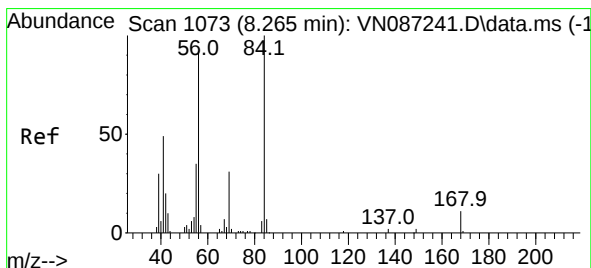
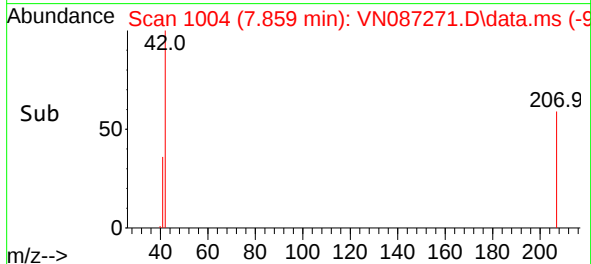
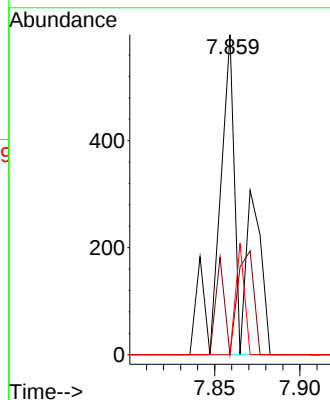
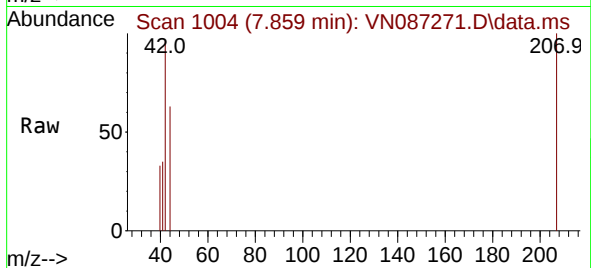
Tgt Ion: 42 Resp: 567

Ion Ratio Lower Upper

42 100

72 33.7 44.2 66.4#

71 12.9 41.1 61.7#



#31

Cyclohexane

Concen: 1.108 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

Lab File: VN087271.D

Acq: 03 Jul 2025 15:06

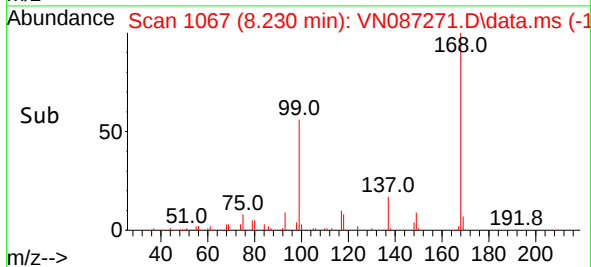
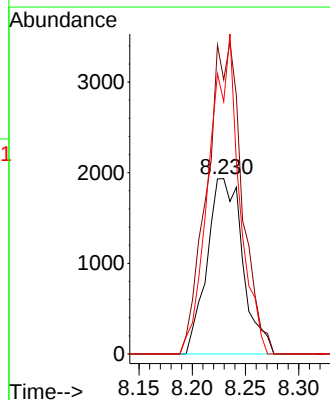
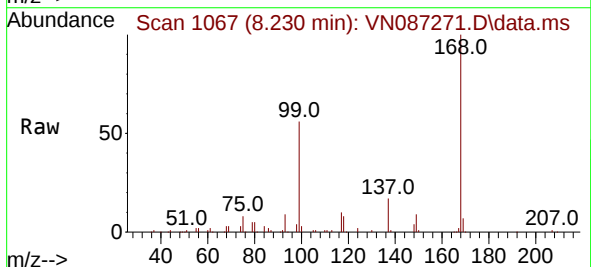
Tgt Ion: 56 Resp: 4505

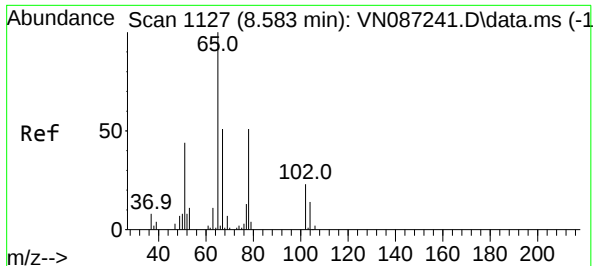
Ion Ratio Lower Upper

56 100

69 156.4 27.0 40.6#

84 143.9 86.2 129.4#

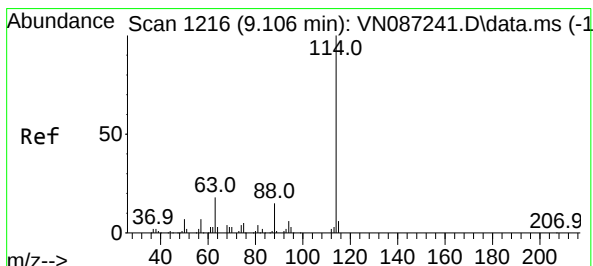
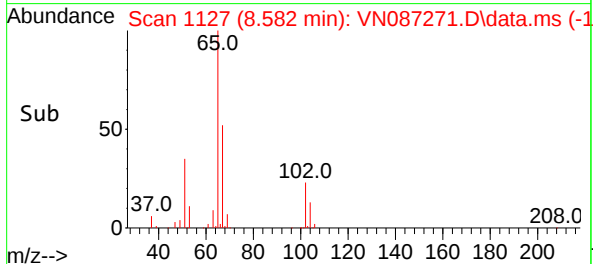
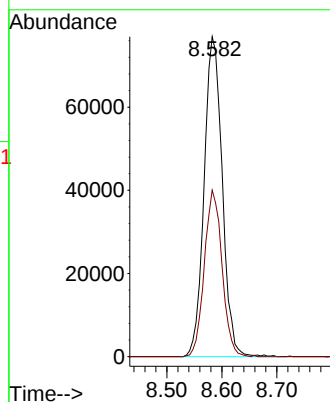
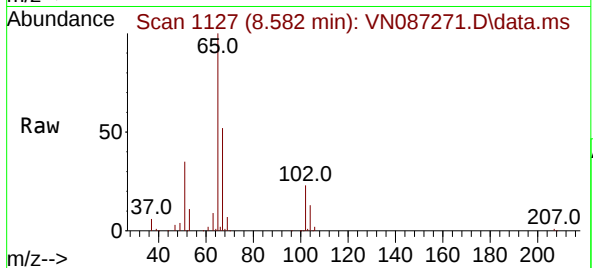




#33
1,2-Dichloroethane-d4
Concen: 59.060 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087271.D
Acq: 03 Jul 2025 15:06

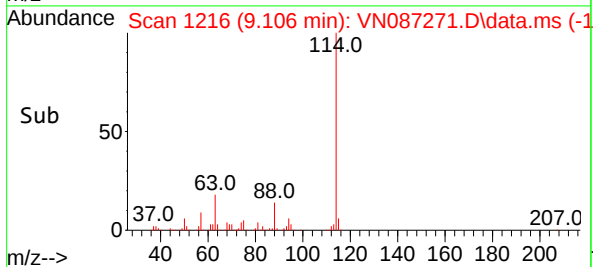
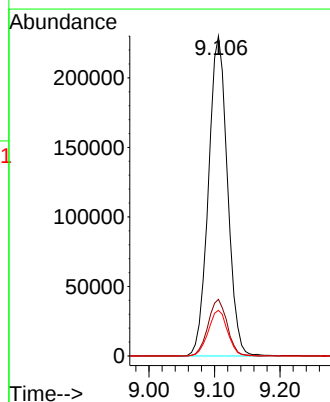
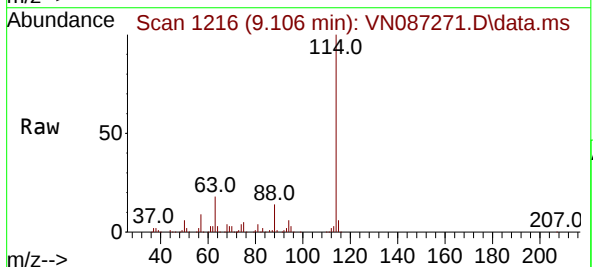
Instrument :
MSVOA_N
ClientSampleId :
G2(2.5)

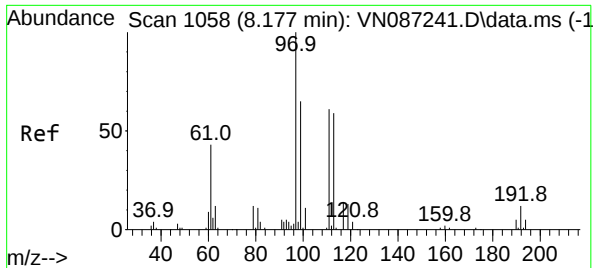
Tgt Ion: 65 Resp: 176391
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087271.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 114 Resp: 463740
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.6
88 14.2 0.0 29.6

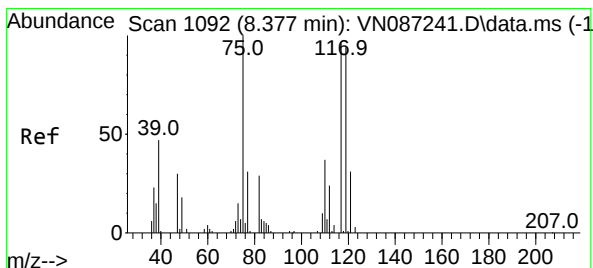
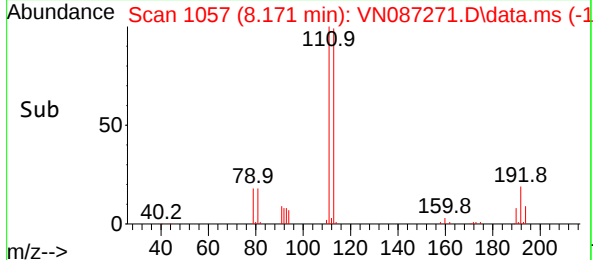
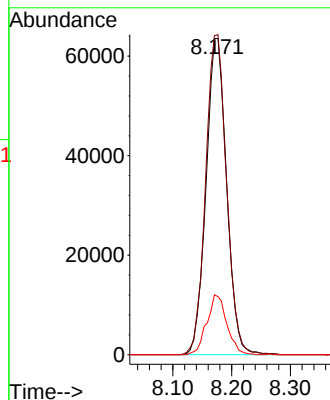
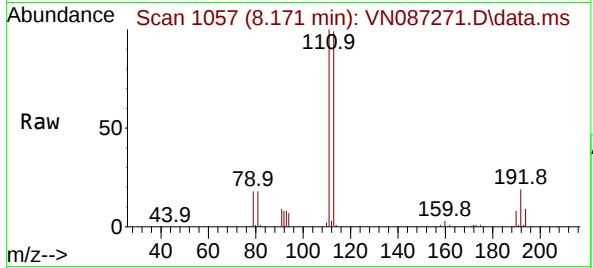




#35
Dibromofluoromethane
Concen: 52.001 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087271.D
Acq: 03 Jul 2025 15:06

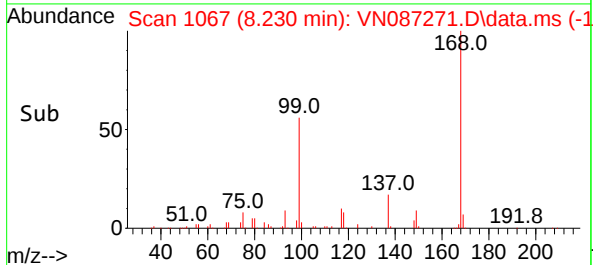
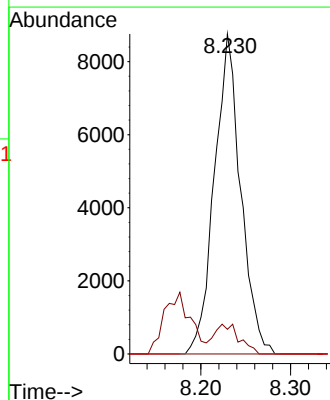
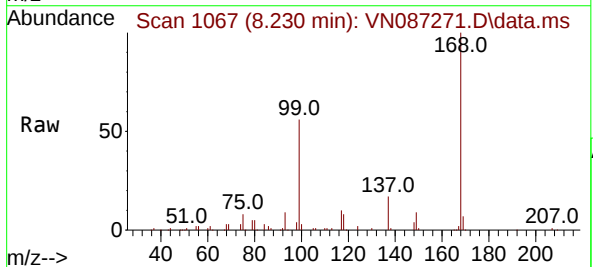
Instrument :
MSVOA_N
ClientSampleId :
G2(2.5)

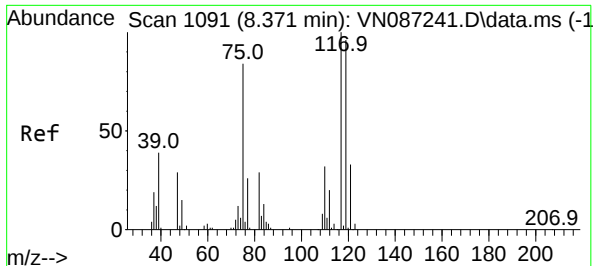
Tgt Ion:113 Resp: 154409
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.2
192 18.4 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.405 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN087271.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 75 Resp: 17786
Ion Ratio Lower Upper
75 100
110 8.9 18.7 56.1#
77 0.0 24.5 36.7#

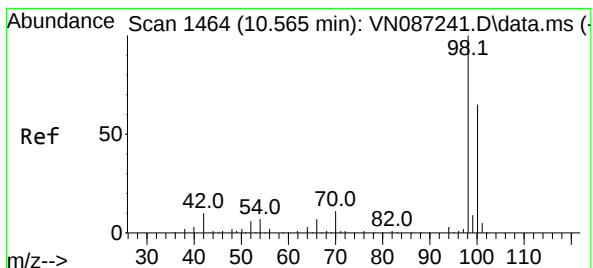
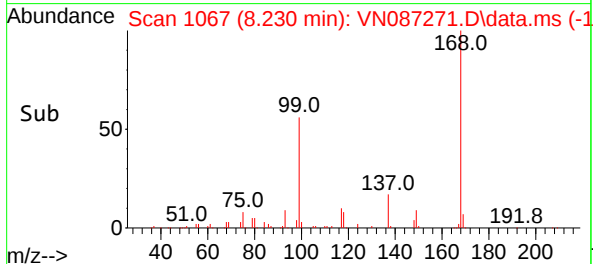
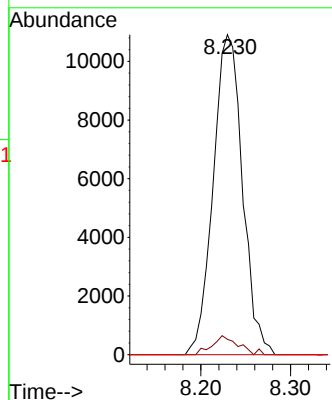
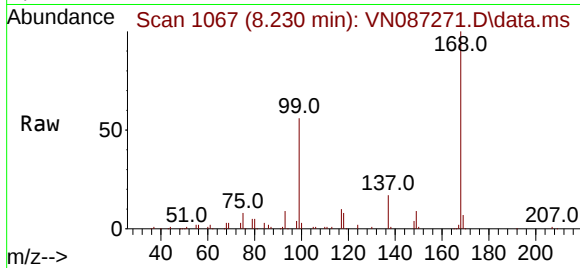




#38
Carbon Tetrachloride
Concen: 5.401 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN087271.D
Acq: 03 Jul 2025 15:06

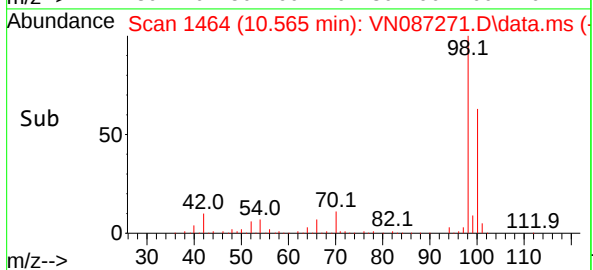
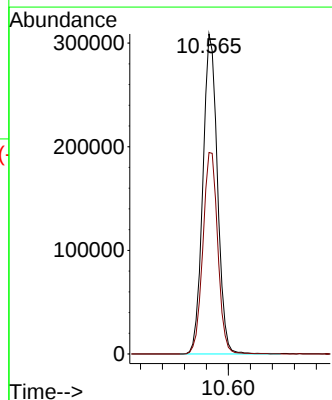
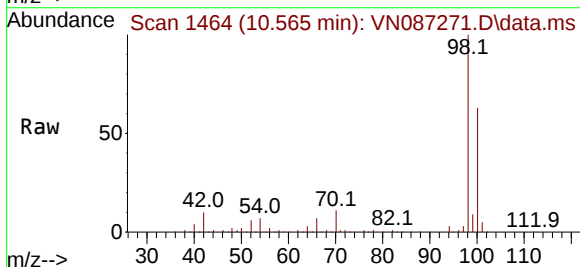
Instrument :
MSVOA_N
ClientSampleId :
G2(2.5)

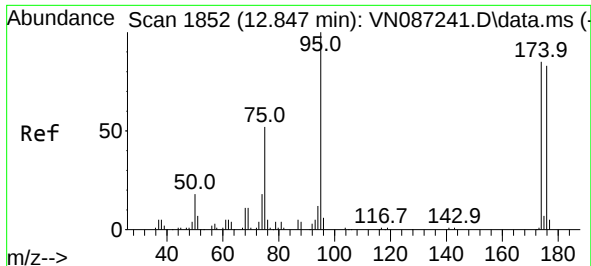
Tgt Ion:117 Resp: 24713
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 26.6 39.8#



#50
Toluene-d8
Concen: 49.049 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087271.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 98 Resp: 567696
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1

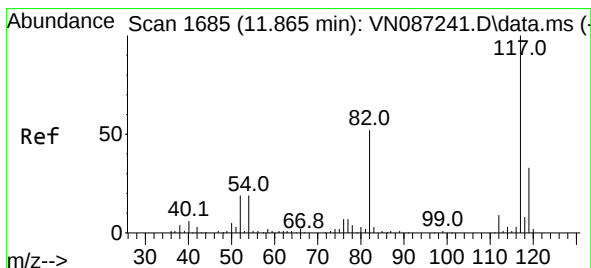
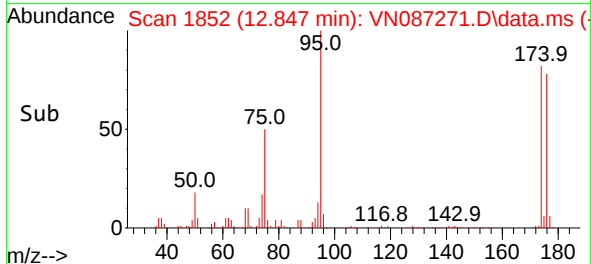
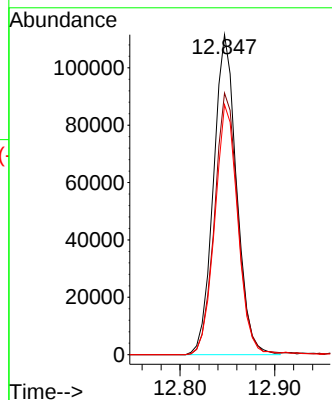
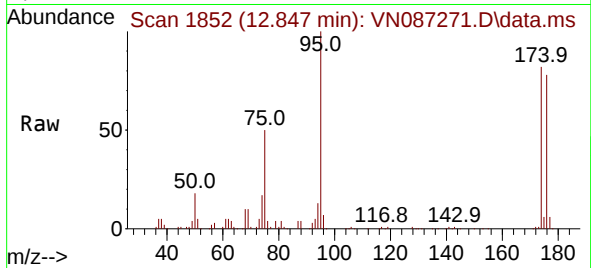




#62
4-Bromofluorobenzene
Concen: 45.866 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087271.D
Acq: 03 Jul 2025 15:06

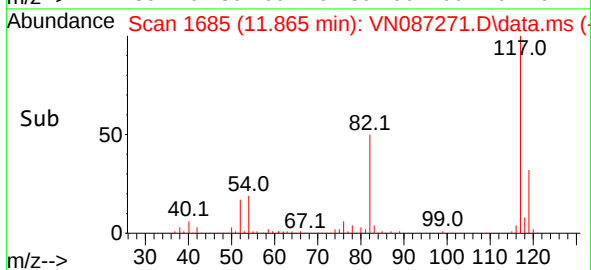
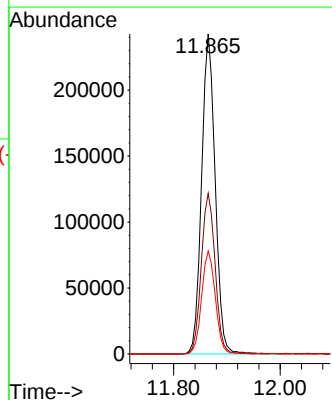
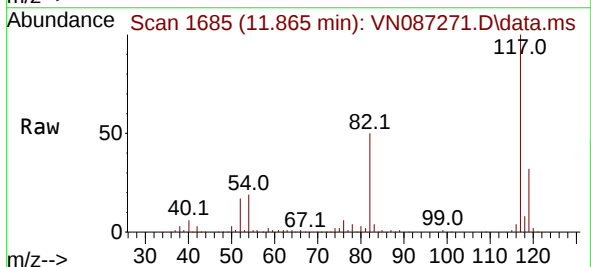
Instrument :
MSVOA_N
ClientSampleId :
G2(2.5)

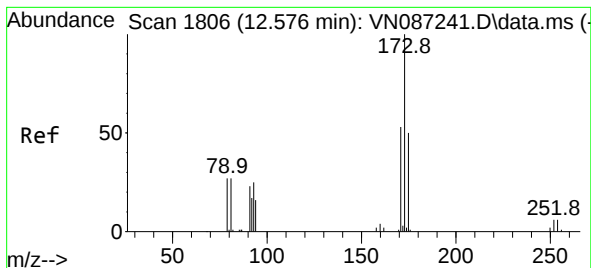
Tgt Ion: 95 Resp: 188882
Ion Ratio Lower Upper
95 100
174 83.6 0.0 169.6
176 78.0 0.0 161.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087271.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 117 Resp: 429398
Ion Ratio Lower Upper
117 100
82 50.2 41.9 62.9
119 32.2 26.2 39.4





#71

Bromoform

Concen: 0.665 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.270 min

Lab File: VN087271.D

Acq: 03 Jul 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

G2(2.5)

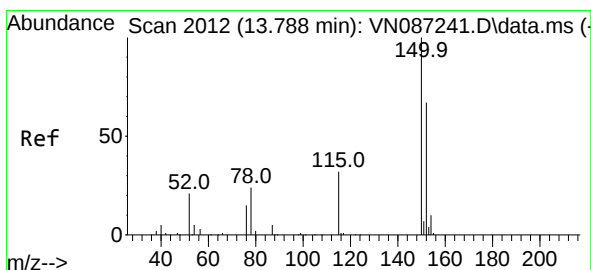
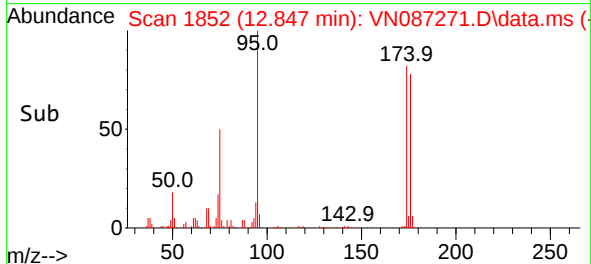
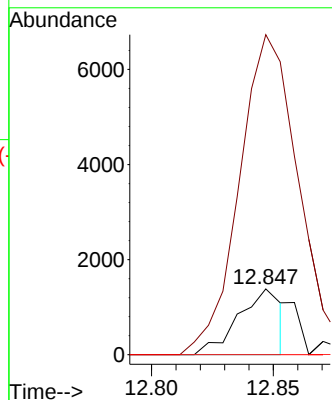
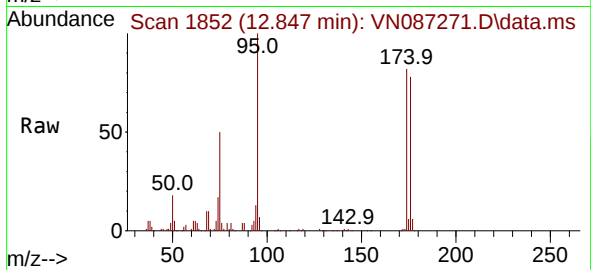
Tgt Ion:173 Resp: 1707

Ion Ratio Lower Upper

173 100

175 496.8 24.6 73.6#

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: VN087271.D

Acq: 03 Jul 2025 15:06

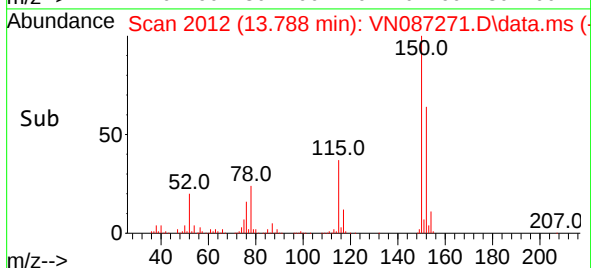
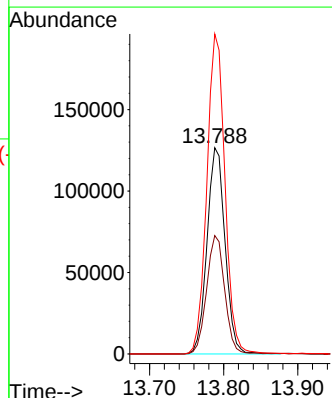
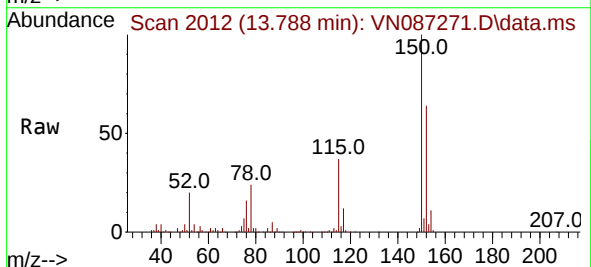
Tgt Ion:152 Resp: 214279

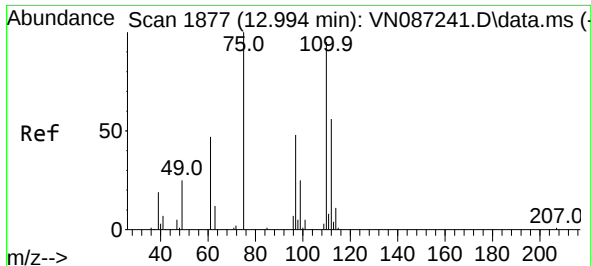
Ion Ratio Lower Upper

152 100

115 57.4 28.3 84.9

150 155.5 0.0 344.6

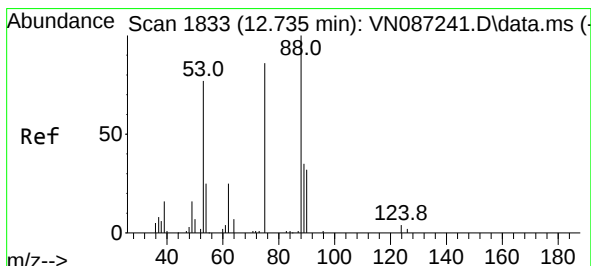
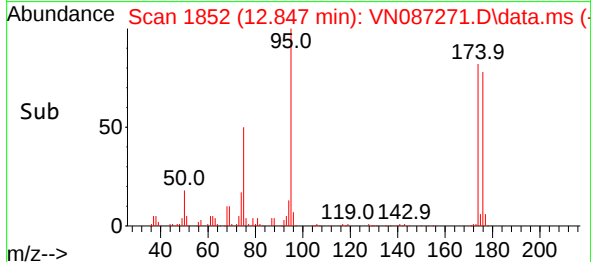
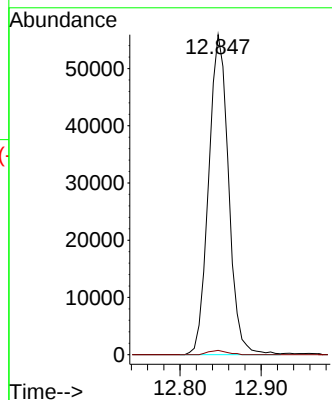
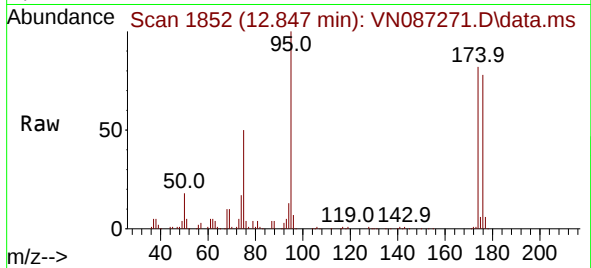




#76
1,2,3-Trichloropropane
Concen: 23.395 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087271.D
Acq: 03 Jul 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
G2(2.5)

Tgt Ion: 75 Resp: 95352
Ion Ratio Lower Upper
75 100
77 1.3 82.0 245.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.952 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087271.D
Acq: 03 Jul 2025 15:06

Tgt Ion: 75 Resp: 95352
Ion Ratio Lower Upper
75 100
53 0.0 70.6 105.8#
89 0.0 36.1 54.1#

