

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070725\
 Data File : VN087291.D
 Acq On : 07 Jul 2025 13:26
 Operator : JC\MD
 Sample : Q2487-24
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 G1(4.5)

Quant Time: Jul 08 01:33:19 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)

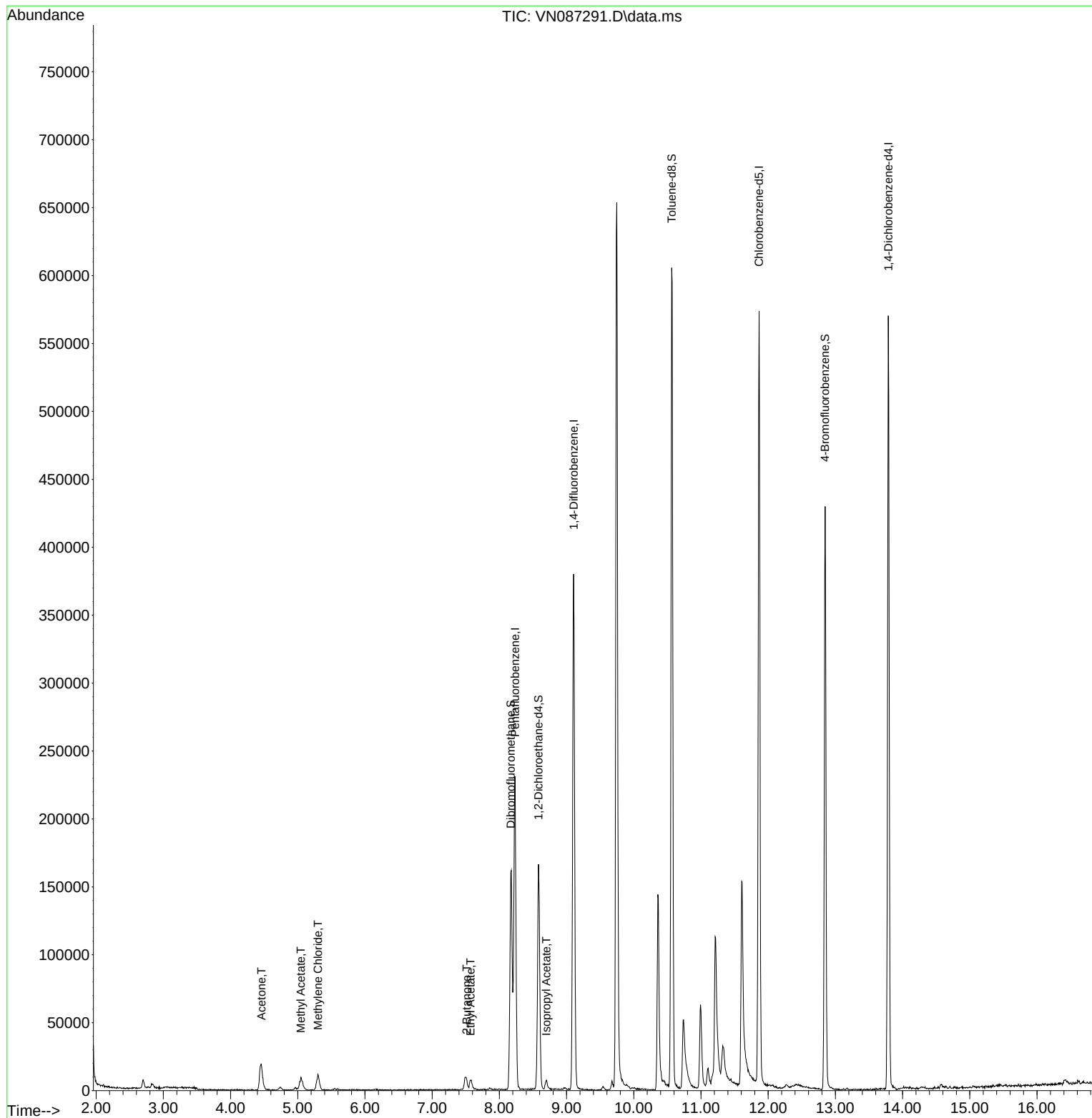
Internal Standards						
1) Pentafluorobenzene	8.235	168	183726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	344094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	347071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	135111	58.594	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 117.180%		
35) Dibromofluoromethane	8.171	113	118472	53.771	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.540%		
50) Toluene-d8	10.565	98	435637	50.727	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.460%		
62) 4-Bromofluorobenzene	12.847	95	149744	49.006	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 98.020%		
Target Compounds						
						Qvalue
16) Acetone	4.459	43	39002	44.242	ug/l	99
18) Methyl Acetate	5.047	43	18885	9.358	ug/l	95
20) Methylene Chloride	5.300	84	9016	4.617	ug/l #	89
25) 2-Butanone	7.512	43	16504	11.980	ug/l #	75
37) Ethyl Acetate	7.571	43	13513	4.195	ug/l #	89
43) Isopropyl Acetate	8.700	43	8184	1.638	ug/l #	85

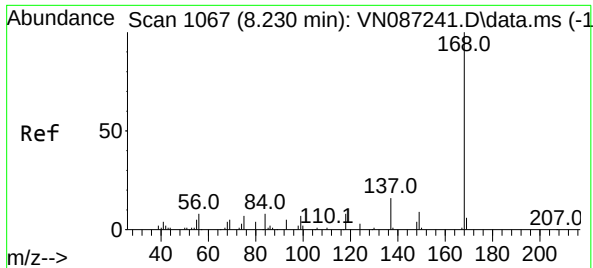
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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G1(4.5)

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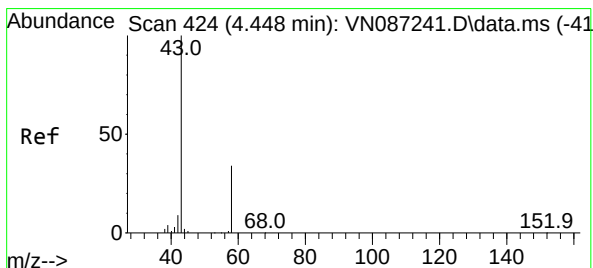
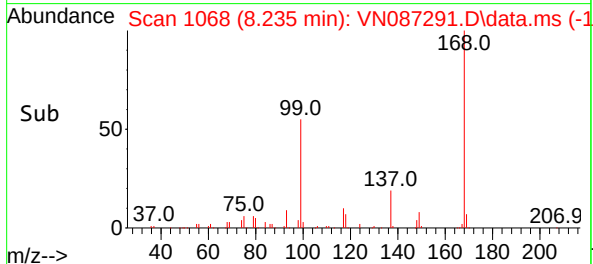
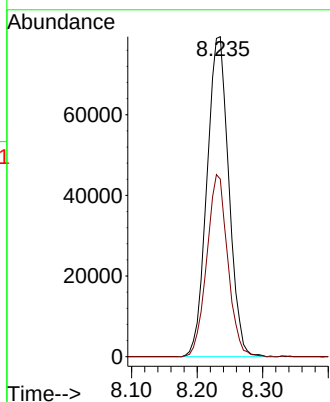
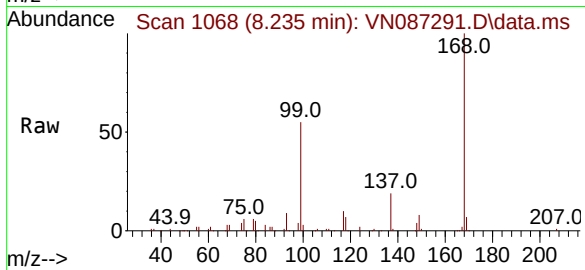




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN087291.D
Acq: 07 Jul 2025 13:26

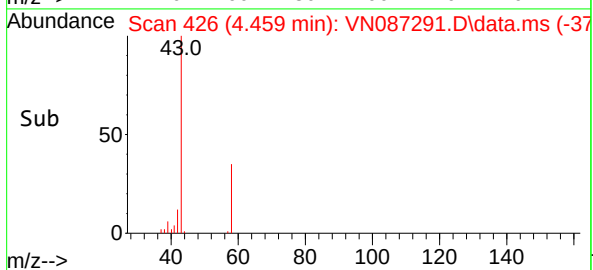
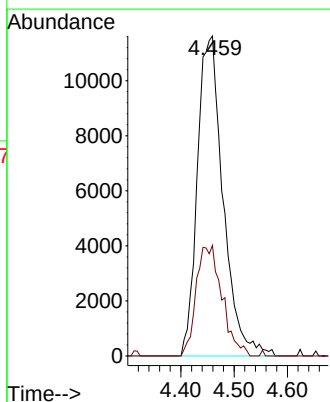
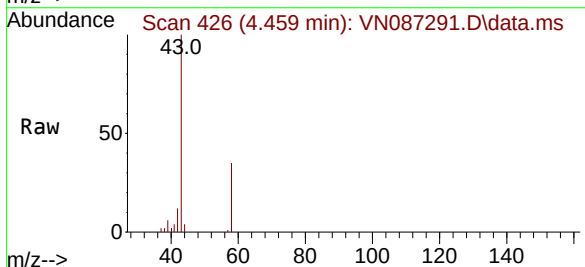
Instrument :
MSVOA_N
ClientSampleId :
G1(4.5)

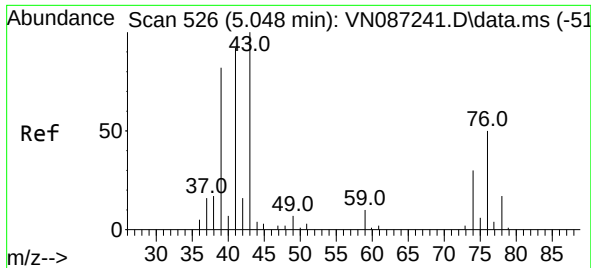
Tgt Ion:168 Resp: 183726
Ion Ratio Lower Upper
168 100
99 55.5 42.6 64.0



#16
Acetone
Concen: 44.242 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN087291.D
Acq: 07 Jul 2025 13:26

Tgt Ion: 43 Resp: 39002
Ion Ratio Lower Upper
43 100
58 34.5 27.1 40.7

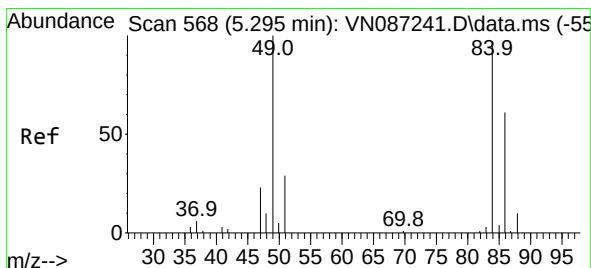
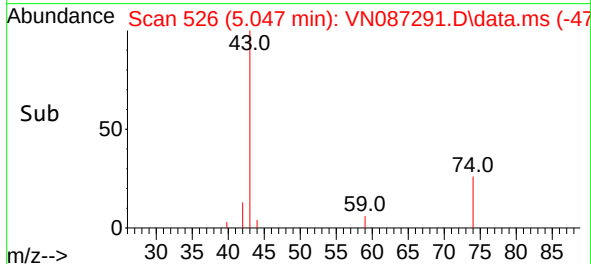
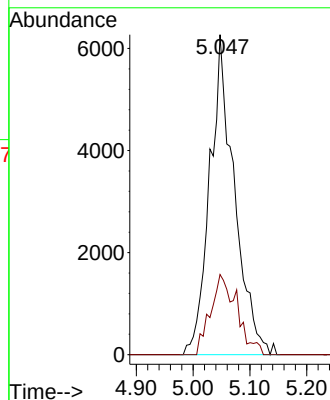
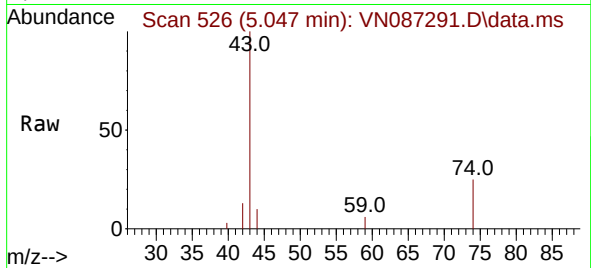




#18
Methyl Acetate
Concen: 9.358 ug/l
RT: 5.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN087291.D
Acq: 07 Jul 2025 13:26

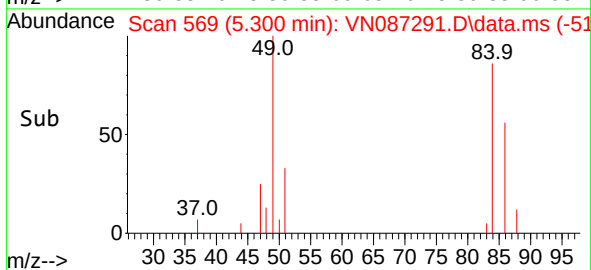
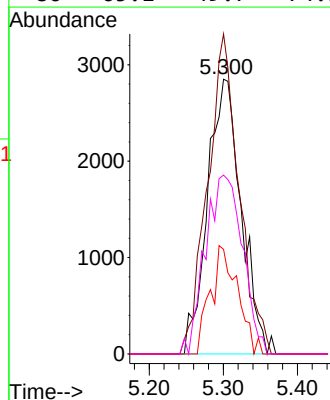
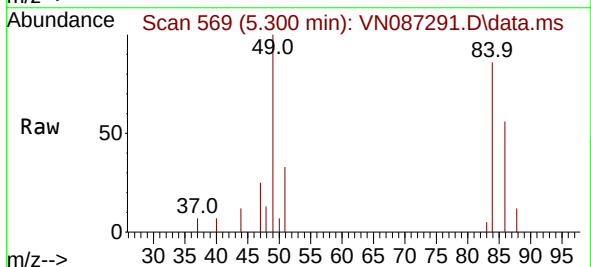
Instrument :
MSVOA_N
ClientSampleId :
G1(4.5)

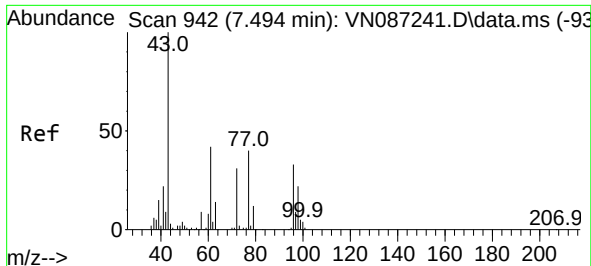
Tgt Ion: 43 Resp: 18885
Ion Ratio Lower Upper
43 100
74 27.0 23.8 35.6



#20
Methylene Chloride
Concen: 4.617 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087291.D
Acq: 07 Jul 2025 13:26

Tgt Ion: 84 Resp: 9016
Ion Ratio Lower Upper
84 100
49 116.5 82.1 123.1
51 38.1 23.5 35.3#
86 65.1 49.7 74.5

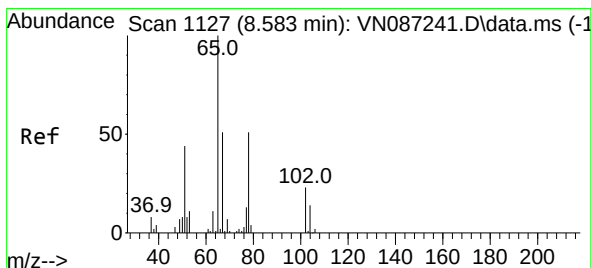
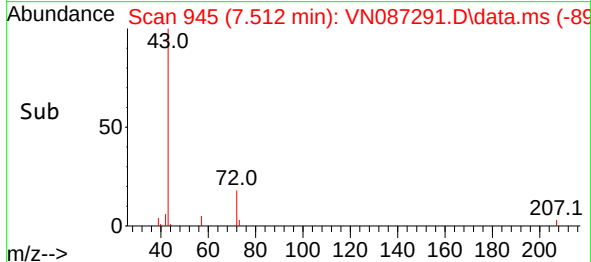
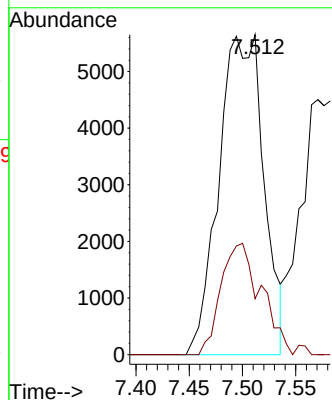
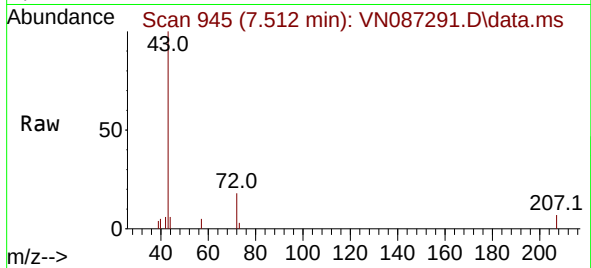




#25
2-Butanone
Concen: 11.980 ug/l
RT: 7.512 min Scan# 945
Delta R.T. 0.017 min
Lab File: VN087291.D
Acq: 07 Jul 2025 13:26

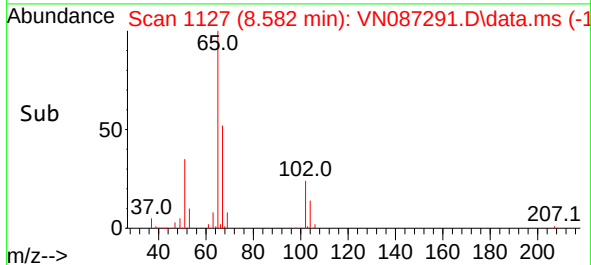
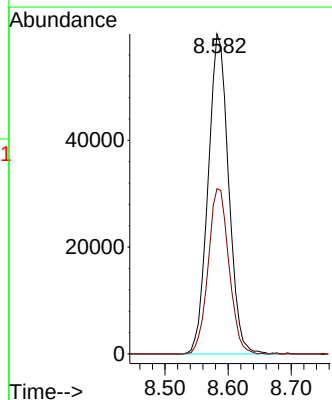
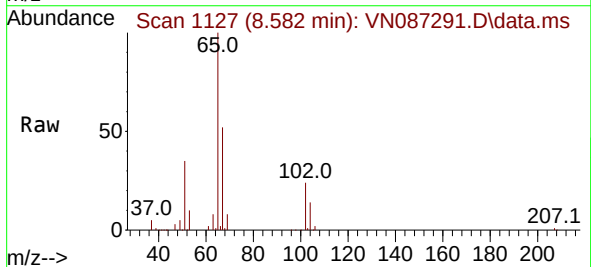
Instrument :
MSVOA_N
ClientSampleId :
G1(4.5)

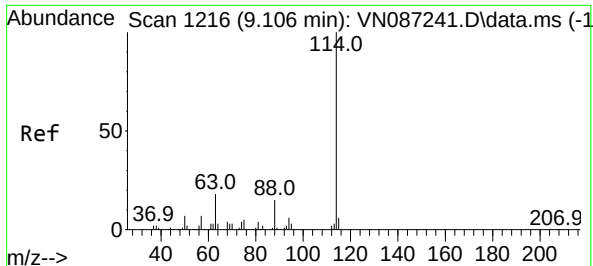
Tgt Ion: 43 Resp: 16504
Ion Ratio Lower Upper
43 100
72 17.5 24.8 37.2#



#33
1,2-Dichloroethane-d4
Concen: 58.594 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087291.D
Acq: 07 Jul 2025 13:26

Tgt Ion: 65 Resp: 135111
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.6

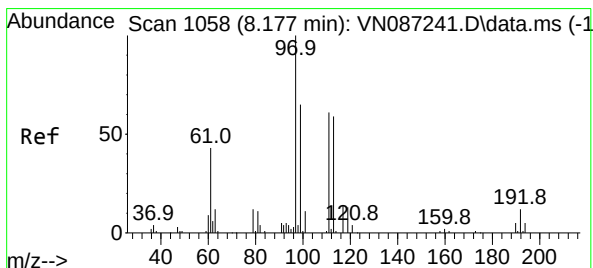
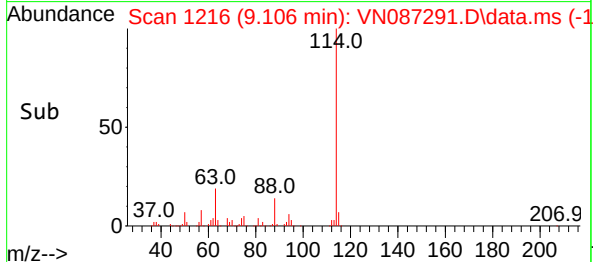
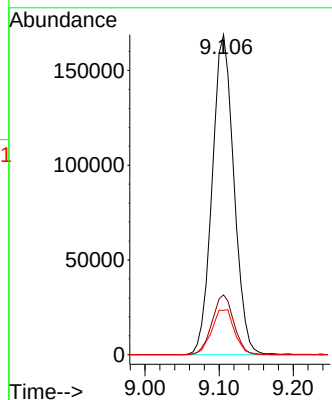
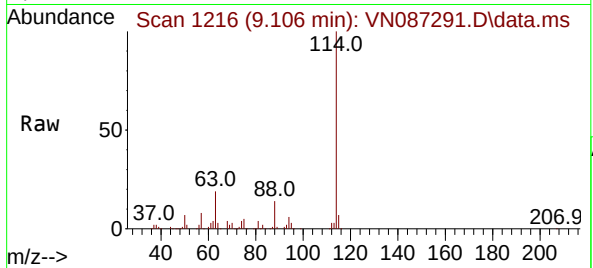




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087291.D
Acq: 07 Jul 2025 13:26

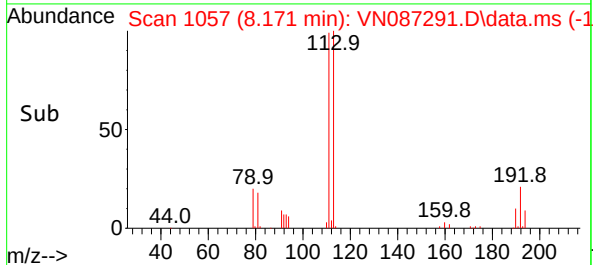
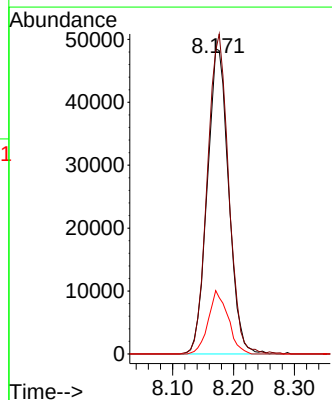
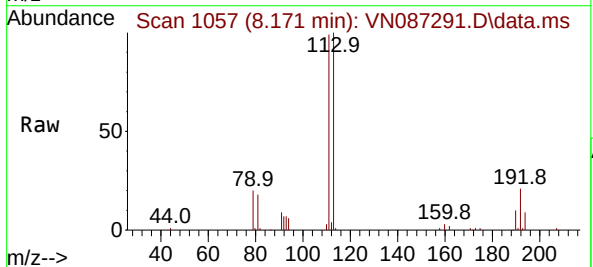
Instrument :
MSVOA_N
ClientSampleId :
G1(4.5)

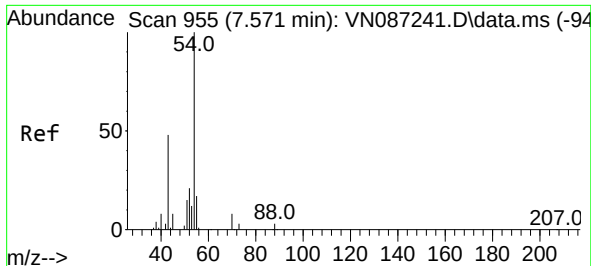
Tgt Ion:114 Resp: 344094
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.6
88 13.9 0.0 29.6



#35
Dibromofluoromethane
Concen: 53.771 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087291.D
Acq: 07 Jul 2025 13:26

Tgt Ion:113 Resp: 118472
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.2
192 19.2 15.1 22.7

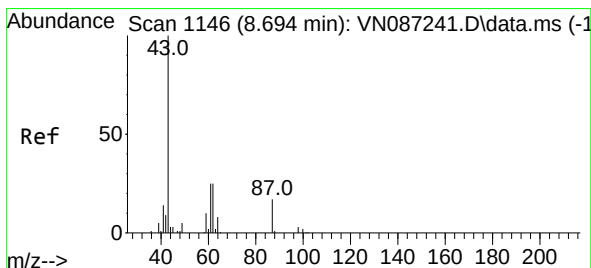
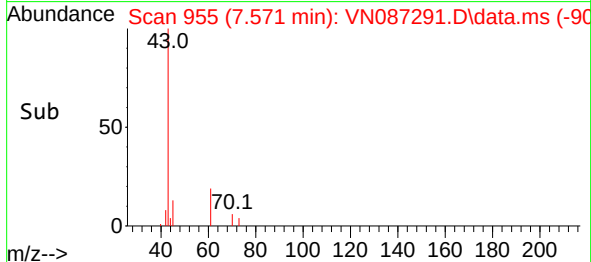
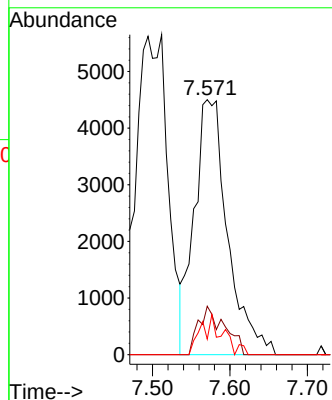
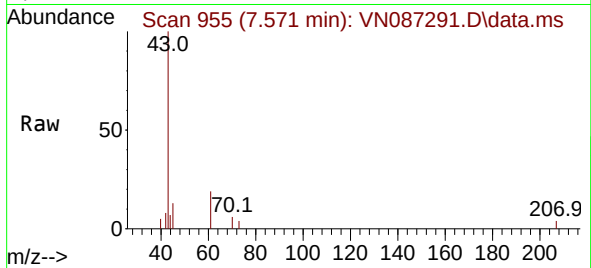




#37
Ethyl Acetate
Concen: 4.195 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087291.D
Acq: 07 Jul 2025 13:26

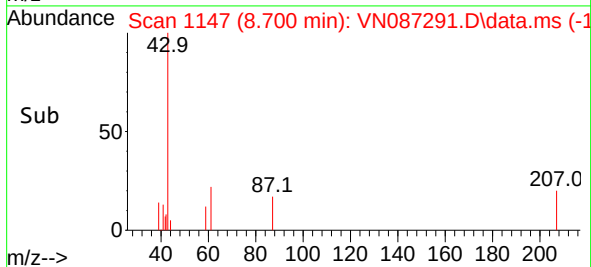
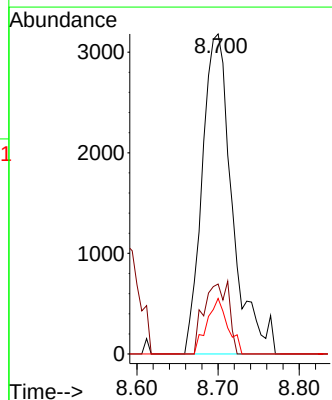
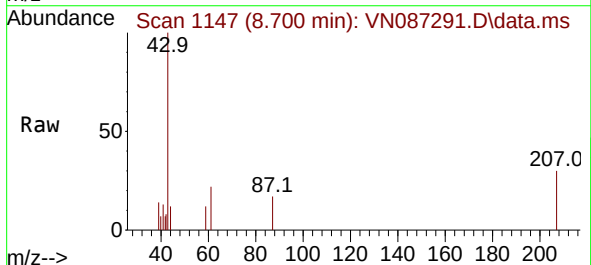
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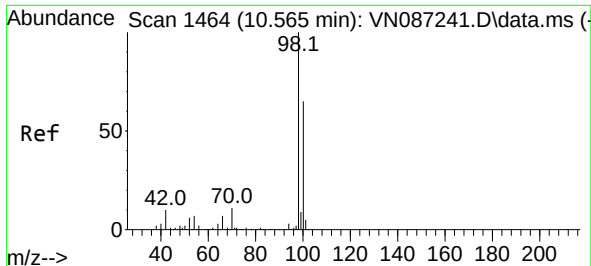
Tgt Ion: 43 Resp: 13513
Ion Ratio Lower Upper
43 100
61 14.8 11.3 16.9
70 3.9 9.9 14.9#



#43
Isopropyl Acetate
Concen: 1.638 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN087291.D
Acq: 07 Jul 2025 13:26

Tgt Ion: 43 Resp: 8184
Ion Ratio Lower Upper
43 100
61 18.5 22.4 33.6#
87 12.0 12.8 19.2#

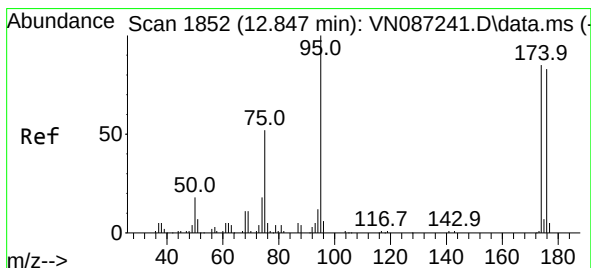
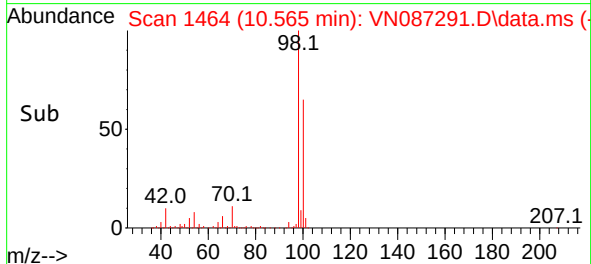
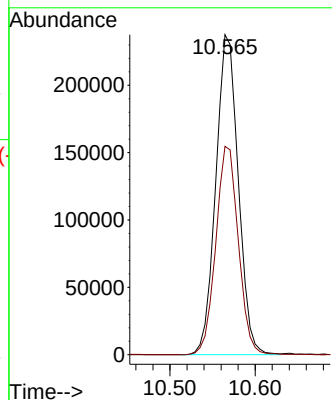
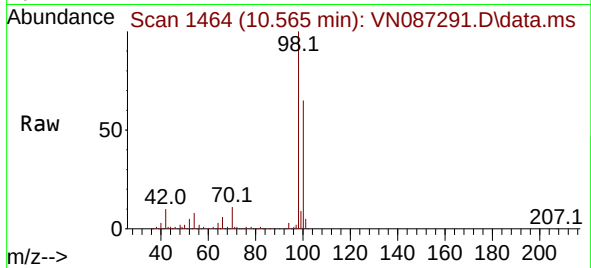




#50
Toluene-d8
Concen: 50.727 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087291.D
Acq: 07 Jul 2025 13:26

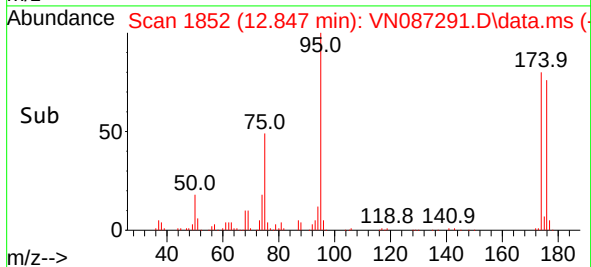
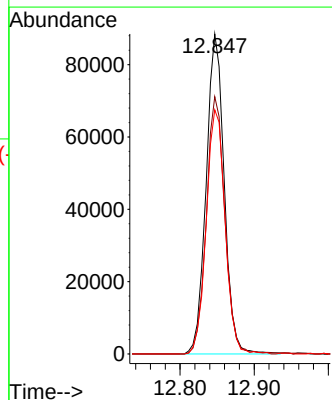
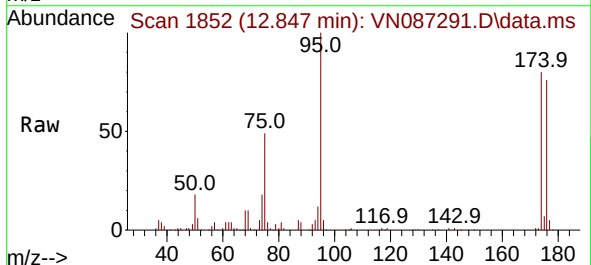
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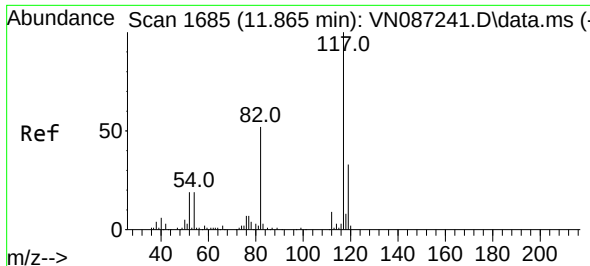
Tgt Ion: 98 Resp: 435637
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.006 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087291.D
Acq: 07 Jul 2025 13:26

Tgt Ion: 95 Resp: 149744
Ion Ratio Lower Upper
95 100
174 82.8 0.0 169.6
176 79.6 0.0 161.6

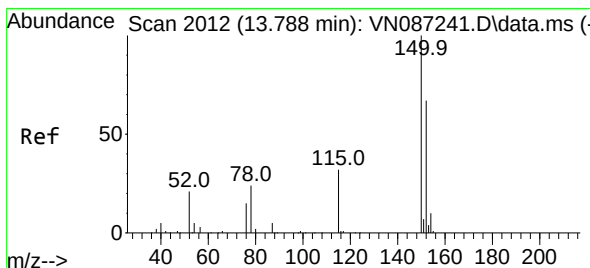
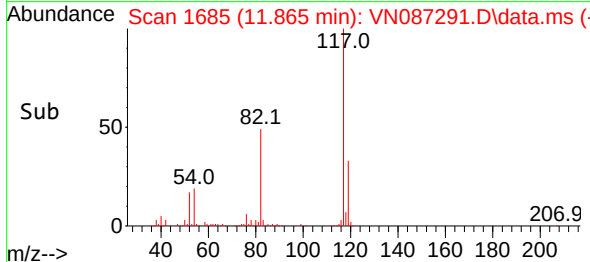
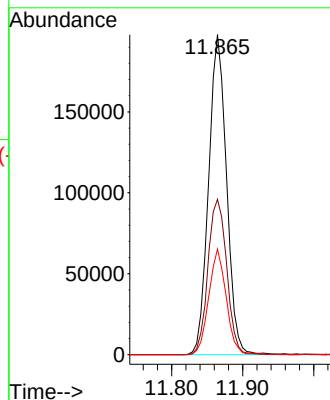
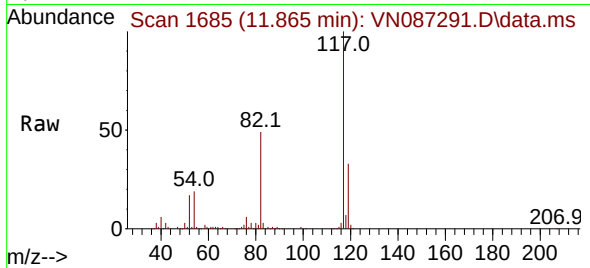




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087291.D
Acq: 07 Jul 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
G1(4.5)

Tgt Ion:117 Resp: 347071
Ion Ratio Lower Upper
117 100
82 48.5 41.9 62.9
119 33.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087291.D
Acq: 07 Jul 2025 13:26

Tgt Ion:152 Resp: 162085
Ion Ratio Lower Upper
152 100
115 58.4 28.3 84.9
150 159.5 0.0 344.6

