

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070825\
 Data File : VN087301.D
 Acq On : 08 Jul 2025 15:57
 Operator : JC\MD
 Sample : Q2480-06 1000X
 Misc : 6.16g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GPX6

Quant Time: Jul 09 01:34:04 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)

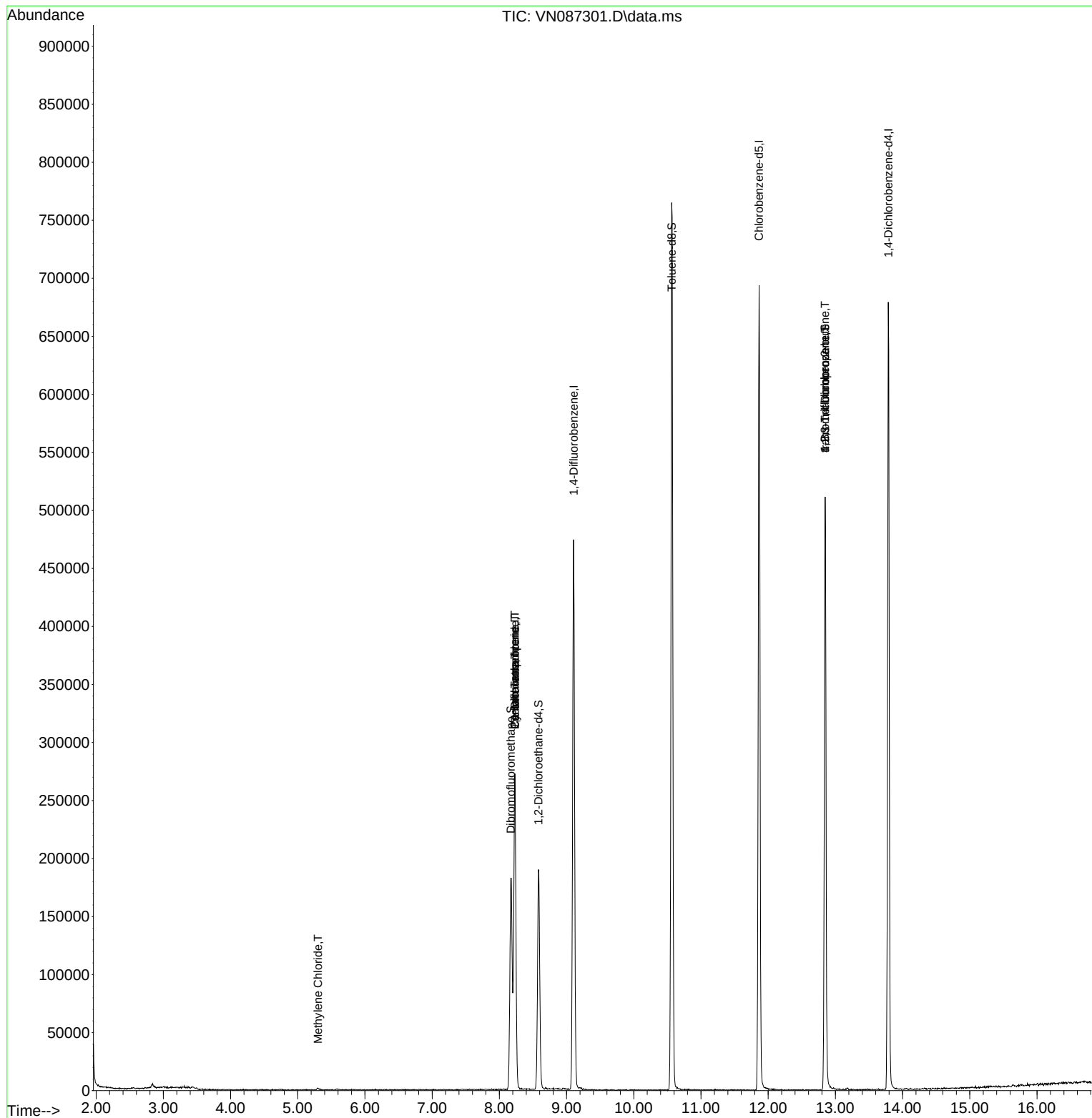
Internal Standards						
1) Pentafluorobenzene	8.229	168	215311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	426299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	422033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	194412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	156850	58.044	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 116.080%		
35) Dibromofluoromethane	8.171	113	135569	49.666	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.340%		
50) Toluene-d8	10.565	98	549365	51.634	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.260%		
62) 4-Bromofluorobenzene	12.847	95	180309	47.630	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 95.260%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.300	84	1194	0.522	ug/l #	78
31) Cyclohexane	8.229	56	3742	1.017	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	14814	3.991	ug/l #	47
38) Carbon Tetrachloride	8.229	117	20197	4.802	ug/l #	15
76) 1,2,3-Trichloropropane	12.847	75	92069	24.898	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	92069	58.483	ug/l #	14

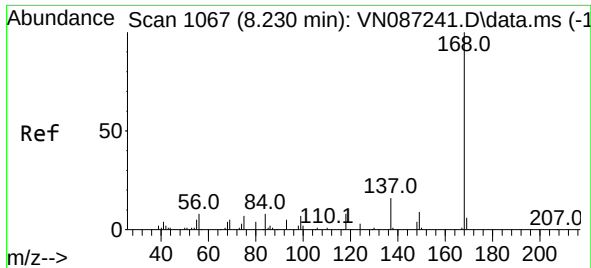
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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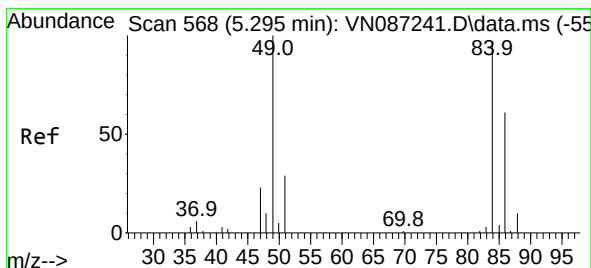
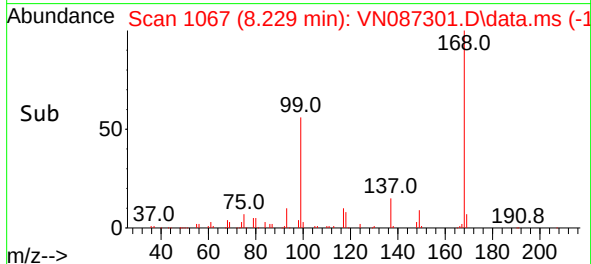
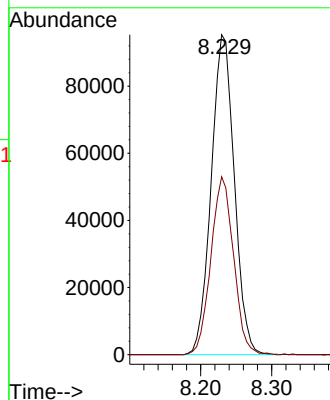
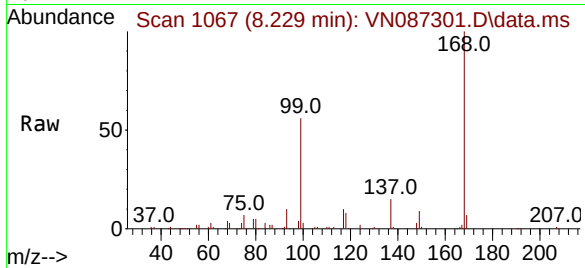




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN087301.D
Acq: 08 Jul 2025 15:57

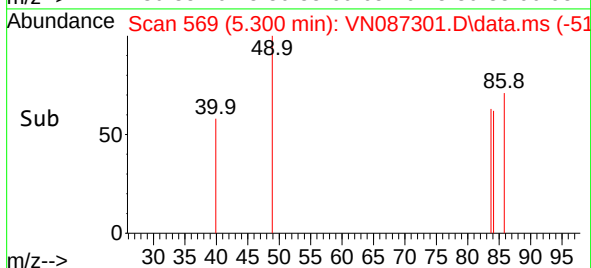
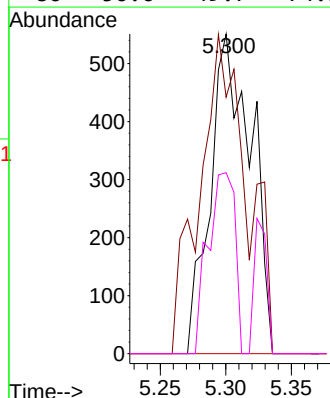
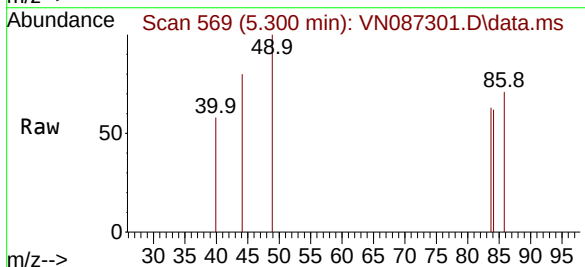
Instrument :
MSVOA_N
ClientSampleId :
GPX6

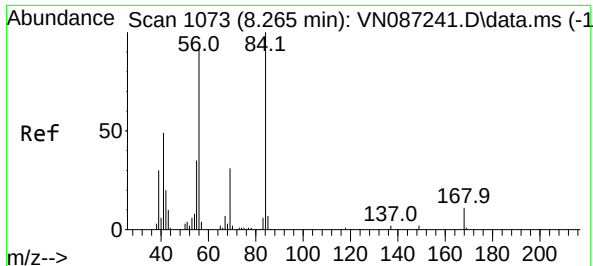
Tgt Ion:168 Resp: 215311
Ion Ratio Lower Upper
168 100
99 55.6 42.6 64.0



#20
Methylene Chloride
Concen: 0.522 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087301.D
Acq: 08 Jul 2025 15:57

Tgt Ion: 84 Resp: 1194
Ion Ratio Lower Upper
84 100
49 80.2 82.1 123.1#
51 0.0 23.5 35.3#
86 56.6 49.7 74.5

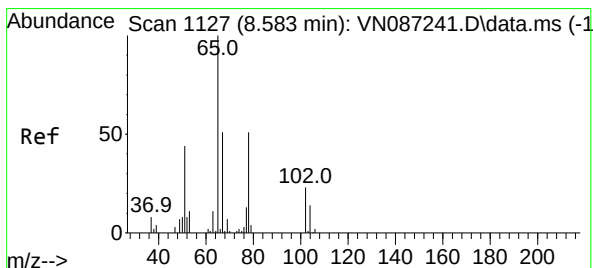
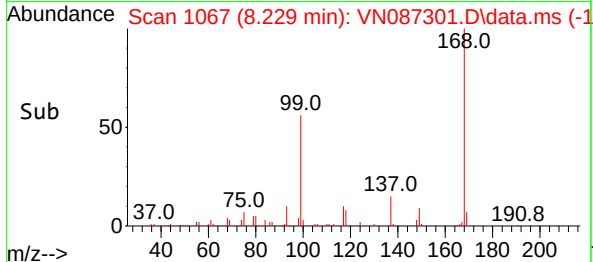
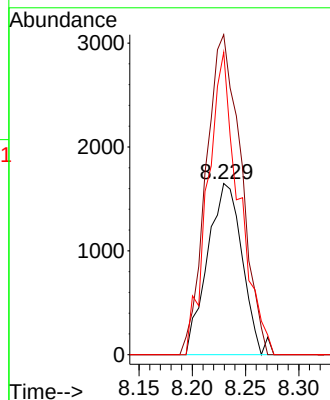
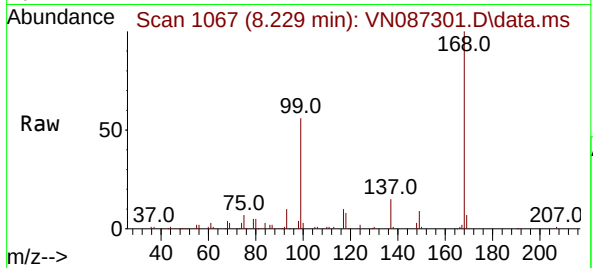




#31
Cyclohexane
Concen: 1.017 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN087301.D
Acq: 08 Jul 2025 15:57

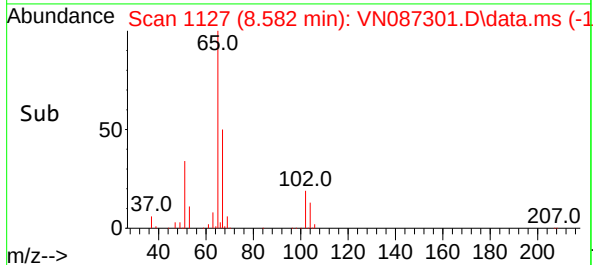
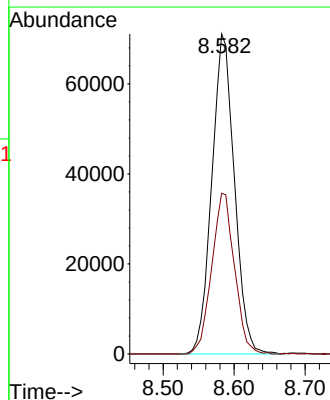
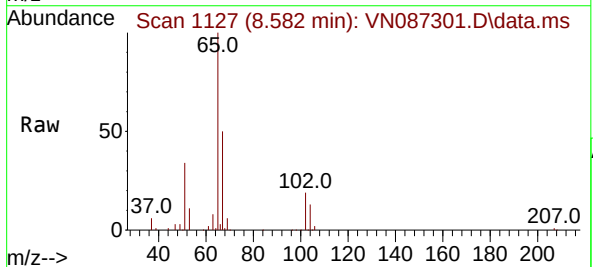
Instrument :
MSVOA_N
ClientSampleId :
GPX6

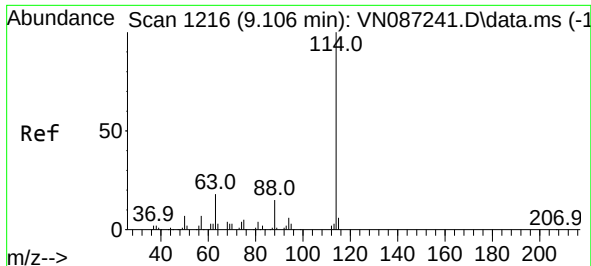
Tgt Ion: 56 Resp: 3742
Ion Ratio Lower Upper
56 100
69 187.0 27.0 40.6#
84 176.6 86.2 129.4#



#33
1,2-Dichloroethane-d4
Concen: 58.044 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087301.D
Acq: 08 Jul 2025 15:57

Tgt Ion: 65 Resp: 156850
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.6

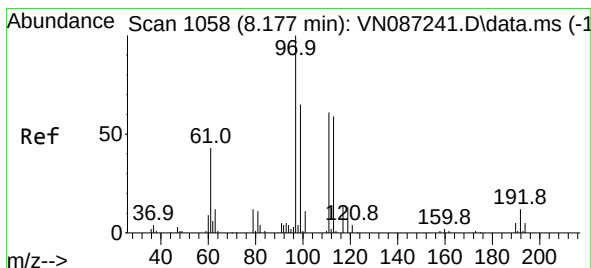
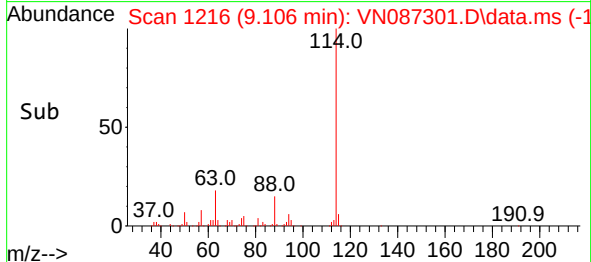
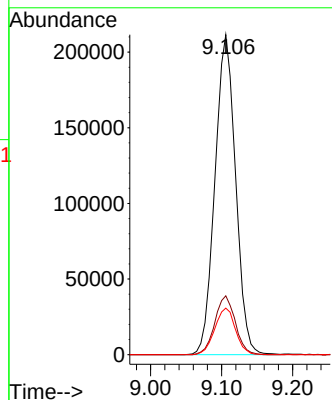
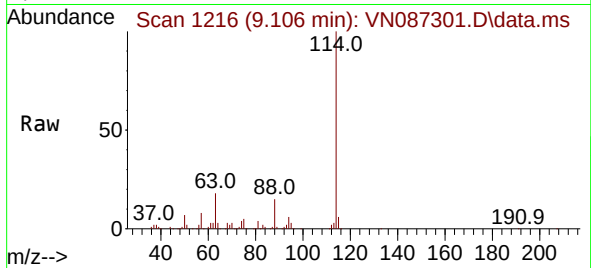




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087301.D
Acq: 08 Jul 2025 15:57

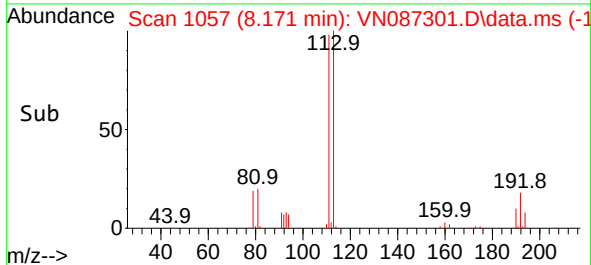
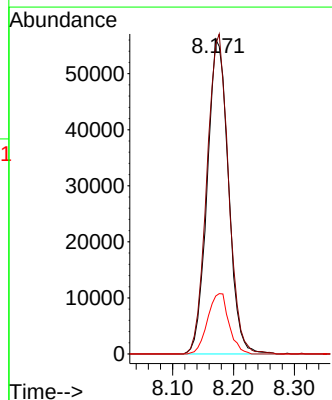
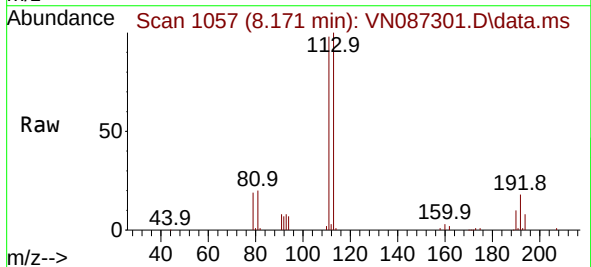
Instrument :
MSVOA_N
ClientSampleId :
GPX6

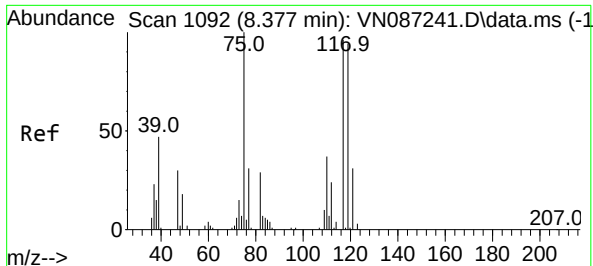
Tgt Ion:114 Resp: 426299
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.6
88 14.5 0.0 29.6



#35
Dibromofluoromethane
Concen: 49.666 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087301.D
Acq: 08 Jul 2025 15:57

Tgt Ion:113 Resp: 135569
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.2
192 19.3 15.1 22.7





#36

1,1-Dichloropropene

Concen: 3.991 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN087301.D

Acq: 08 Jul 2025 15:57

Instrument :

MSVOA_N

ClientSampleId :

GPX6

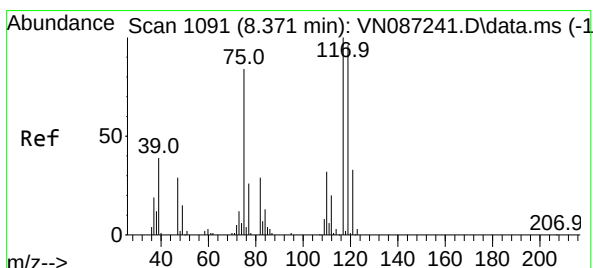
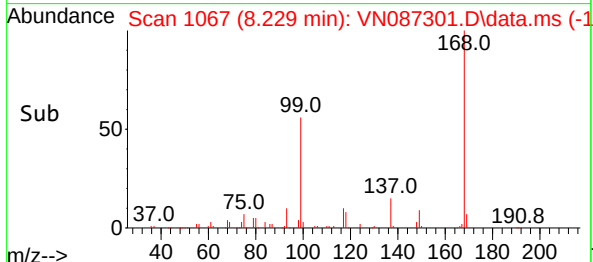
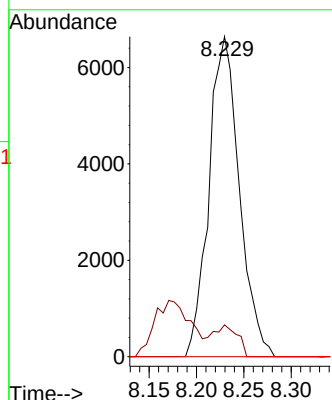
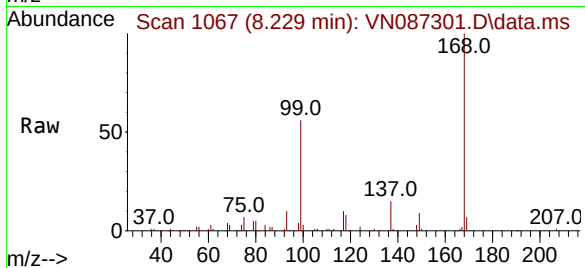
Tgt Ion: 75 Resp: 14814

Ion Ratio Lower Upper

75 100

110 7.5 18.7 56.1#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 4.802 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN087301.D

Acq: 08 Jul 2025 15:57

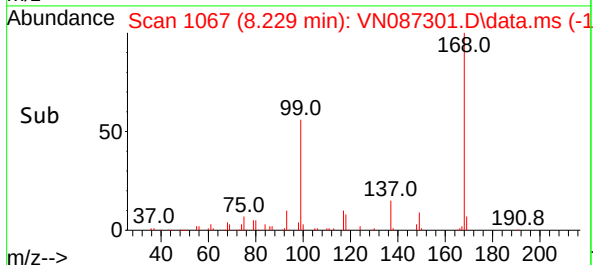
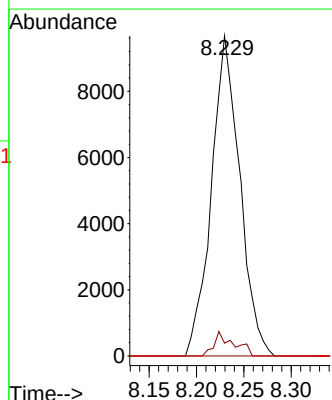
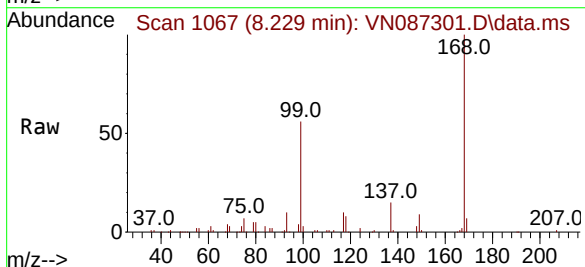
Tgt Ion: 117 Resp: 20197

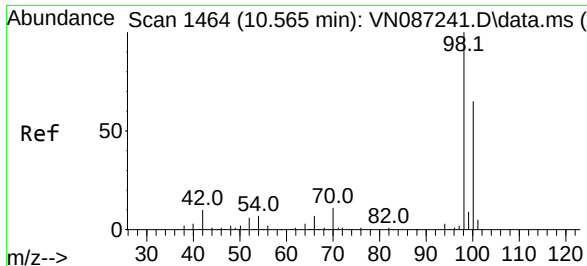
Ion Ratio Lower Upper

117 100

119 4.0 77.2 115.8#

121 0.0 26.6 39.8#

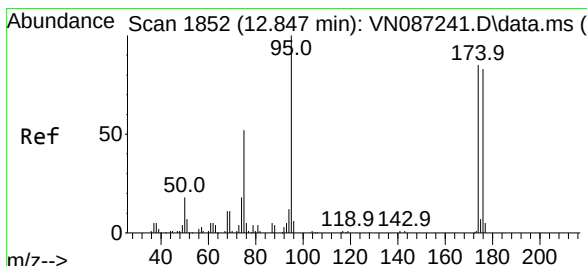
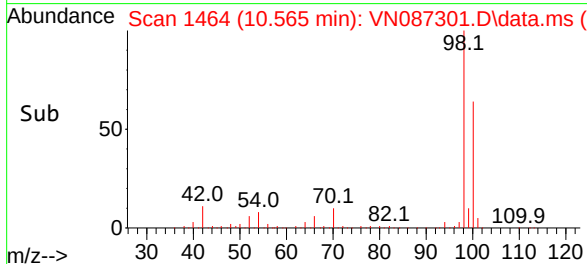
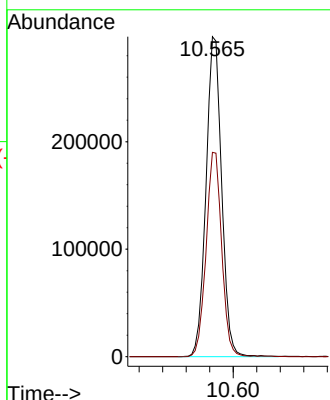
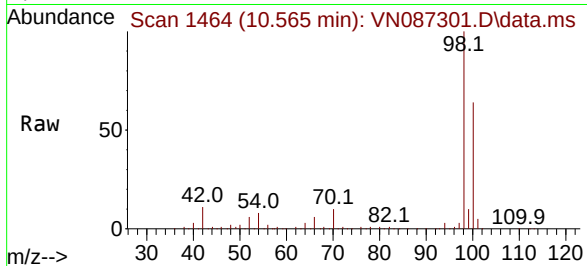




#50
Toluene-d8
Concen: 51.634 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087301.D
Acq: 08 Jul 2025 15:57

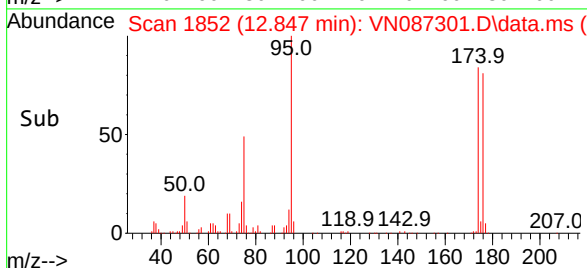
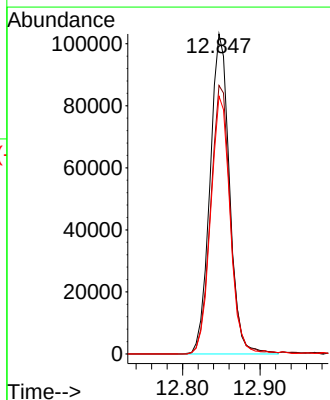
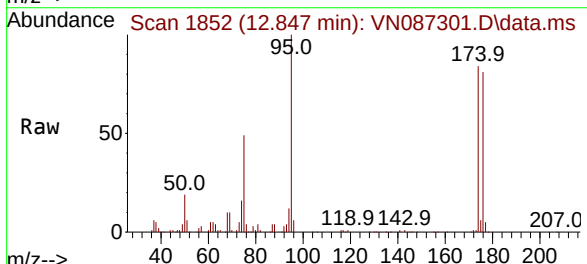
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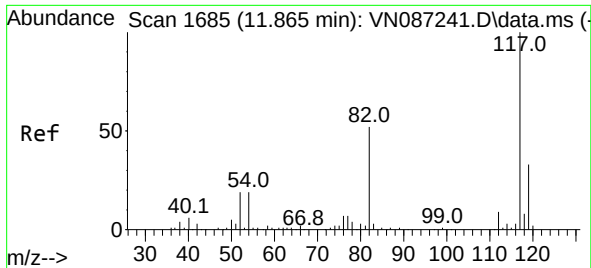
Tgt Ion: 98 Resp: 549365
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.630 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087301.D
Acq: 08 Jul 2025 15:57

Tgt Ion: 95 Resp: 180309
Ion Ratio Lower Upper
95 100
174 84.9 0.0 169.6
176 80.7 0.0 161.6

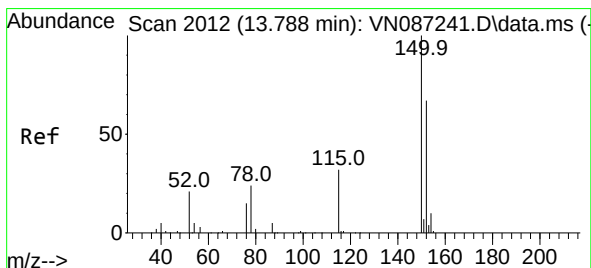
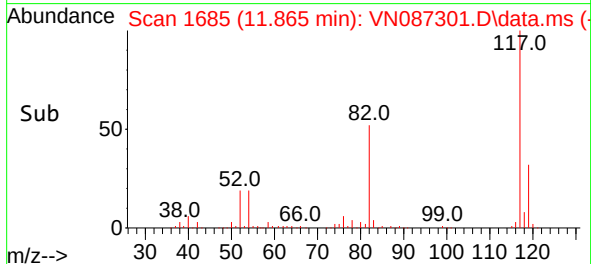
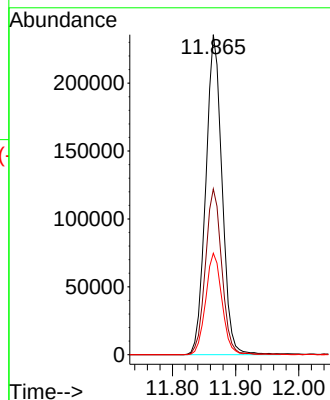
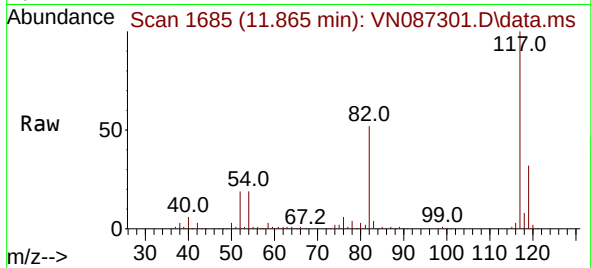




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087301.D
Acq: 08 Jul 2025 15:57

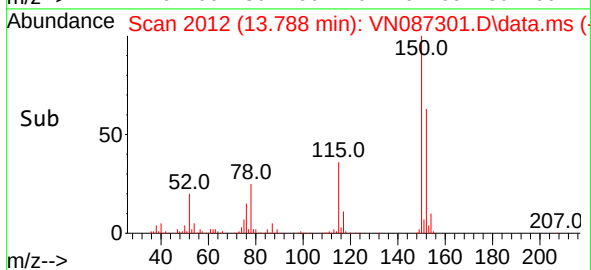
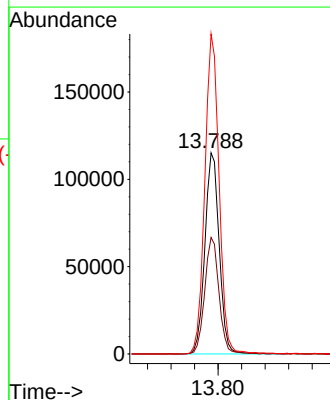
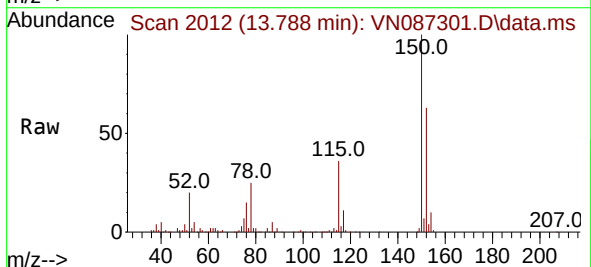
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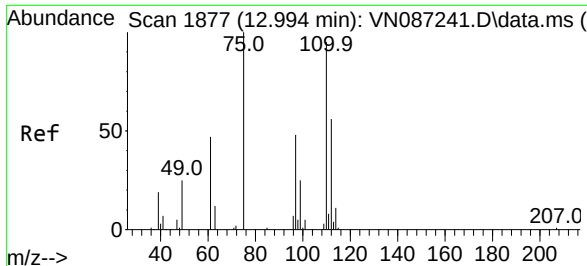
Tgt Ion:117 Resp: 422033
Ion Ratio Lower Upper
117 100
82 51.8 41.9 62.9
119 31.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087301.D
Acq: 08 Jul 2025 15:57

Tgt Ion:152 Resp: 194412
Ion Ratio Lower Upper
152 100
115 57.7 28.3 84.9
150 157.8 0.0 344.6

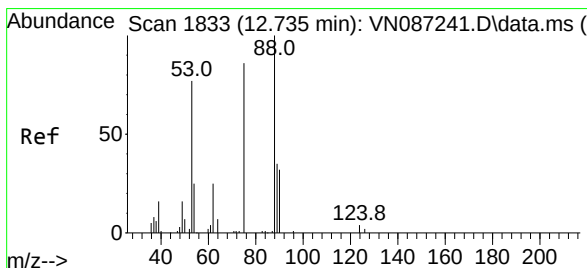
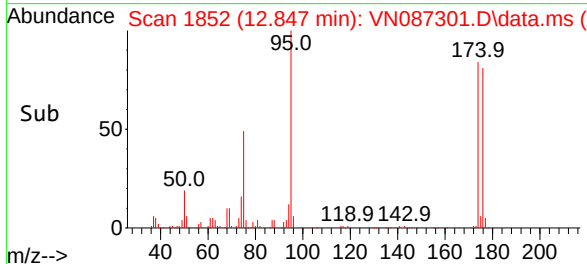
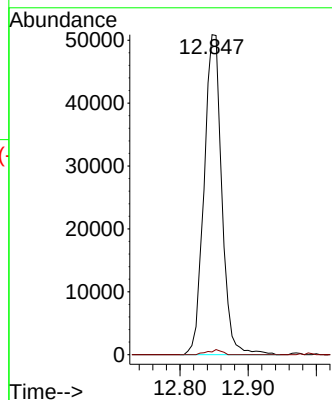
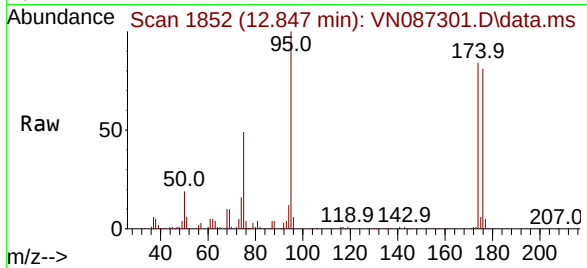




#76
1,2,3-Trichloropropane
Concen: 24.898 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087301.D
Acq: 08 Jul 2025 15:57

Instrument :
MSVOA_N
ClientSampleId :
GPX6

Tgt Ion: 75 Resp: 92069
Ion Ratio Lower Upper
75 100
77 1.3 82.0 245.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.483 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087301.D
Acq: 08 Jul 2025 15:57

Tgt Ion: 75 Resp: 92069
Ion Ratio Lower Upper
75 100
53 0.0 70.6 105.8#
89 0.0 36.1 54.1#

