

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086942.D
 Acq On : 11 Jun 2025 12:28
 Operator : JC\MD
 Sample : VN0611WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBL01

Quant Time: Jun 12 01:30:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

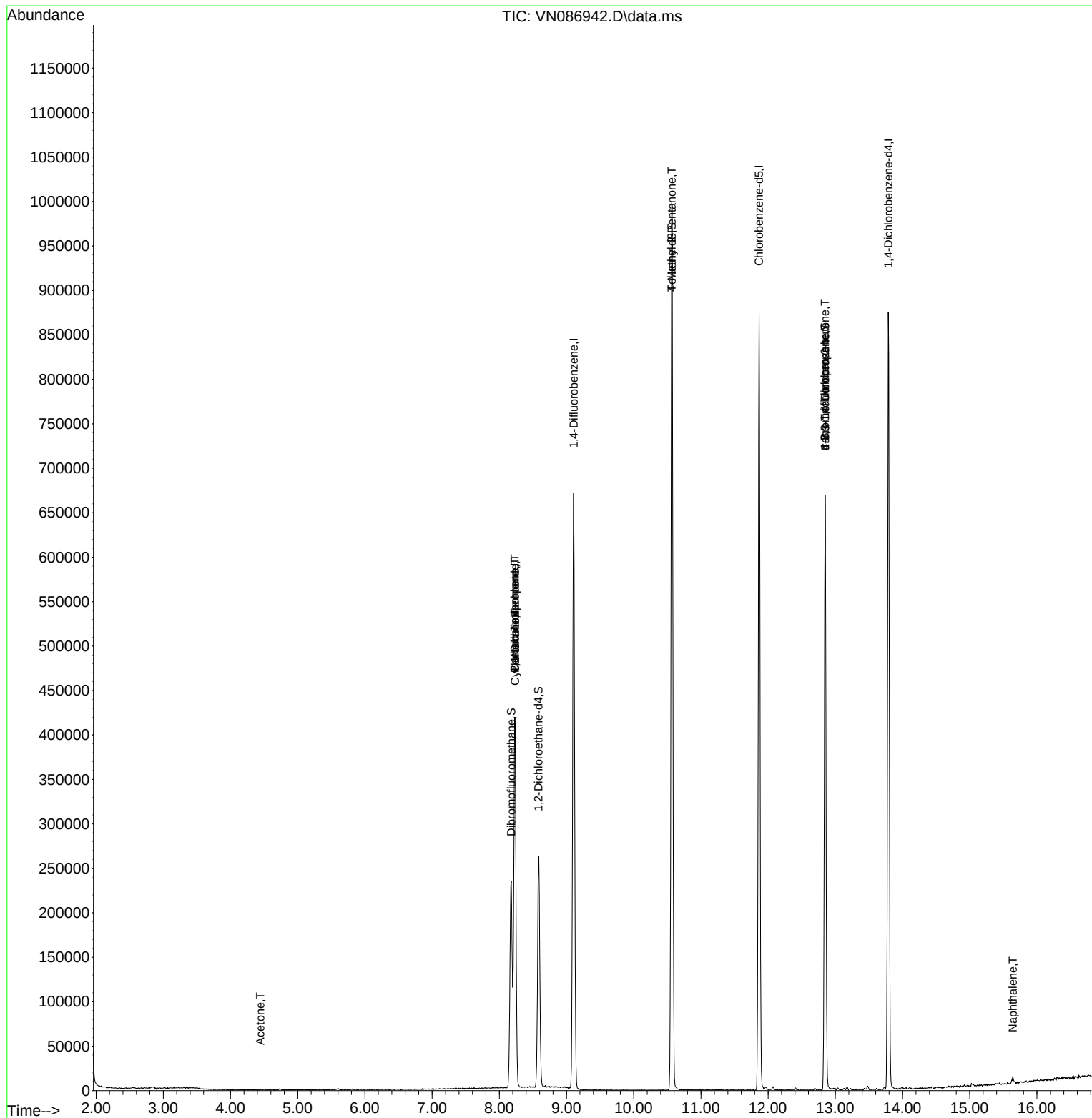
Internal Standards						
1) Pentafluorobenzene	8.230	168	328120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	618651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	543433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	257257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	212062	48.271	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	96.540%	
35) Dibromofluoromethane	8.177	113	180701	49.287	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.580%	
50) Toluene-d8	10.565	98	749967	51.673	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.340%	
62) 4-Bromofluorobenzene	12.847	95	266545	49.431	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	98.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	997	0.428	ug/l #	40
31) Cyclohexane	8.236	56	5806	0.815	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	24346	4.456	ug/l #	49
38) Carbon Tetrachloride	8.230	117	31276	5.831	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	2548	0.379	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	123169	20.142	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	123169	46.365	ug/l #	16
95) Naphthalene	15.641	128	6326	0.328	ug/l	98

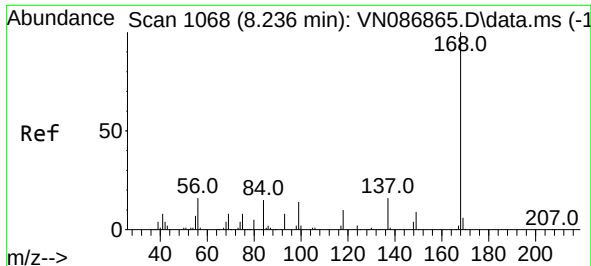
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
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Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 12 01:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

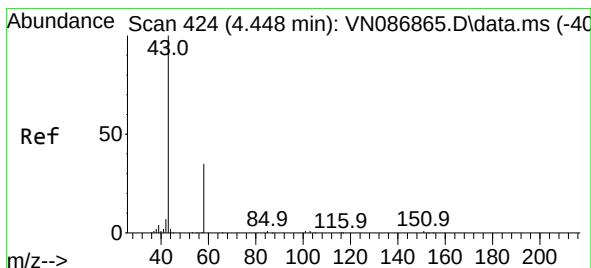
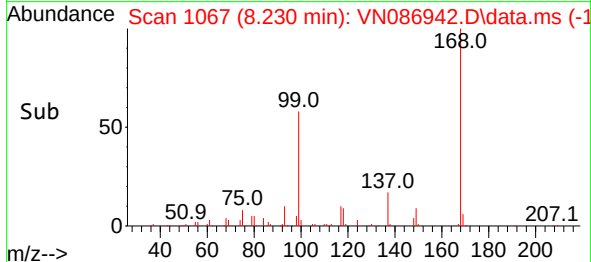
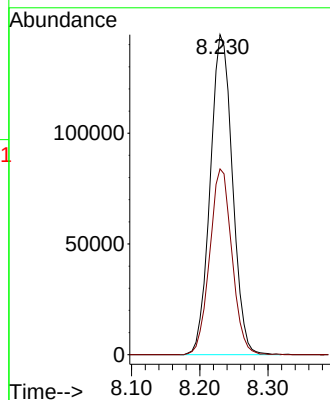
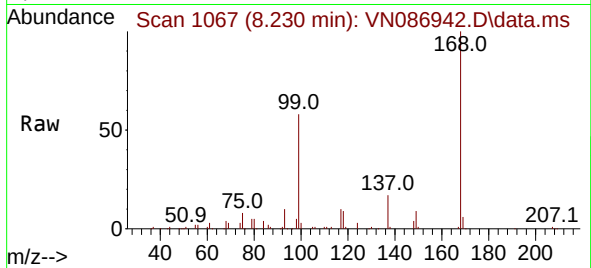




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

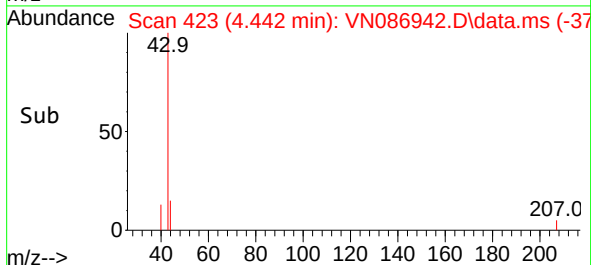
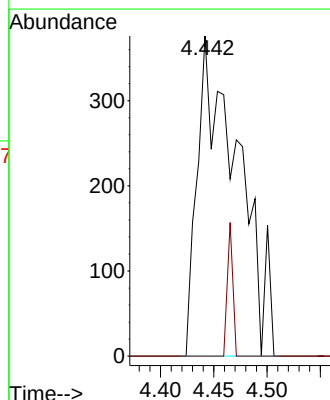
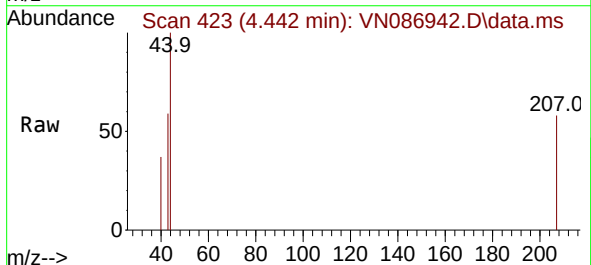
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

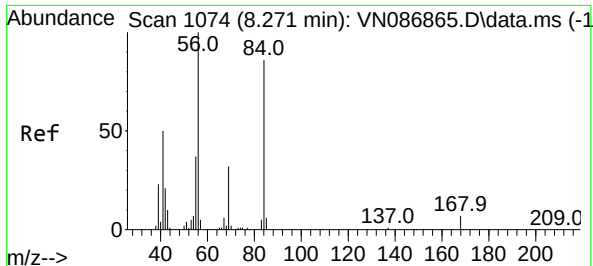
Tgt Ion:168 Resp: 328120
Ion Ratio Lower Upper
168 100
99 58.0 49.1 73.7



#16
Acetone
Concen: 0.428 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

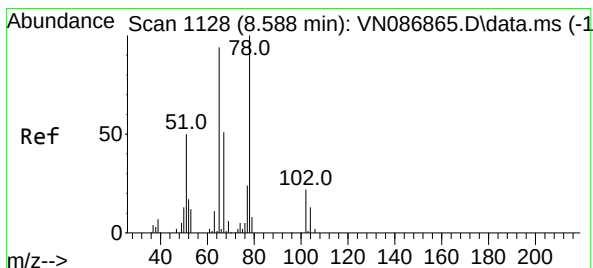
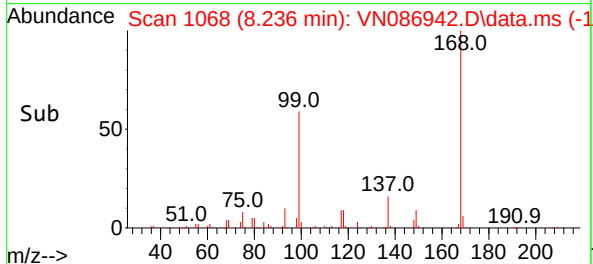
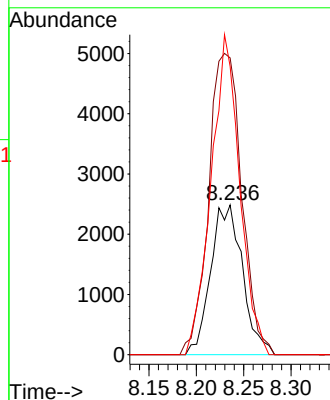
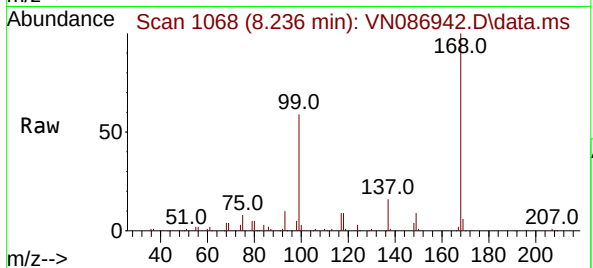




#31
Cyclohexane
Concen: 0.815 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.035 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

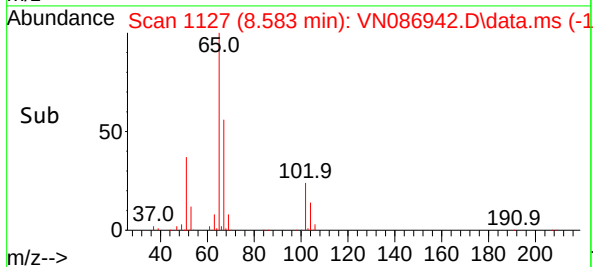
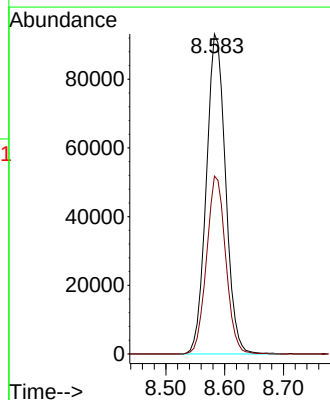
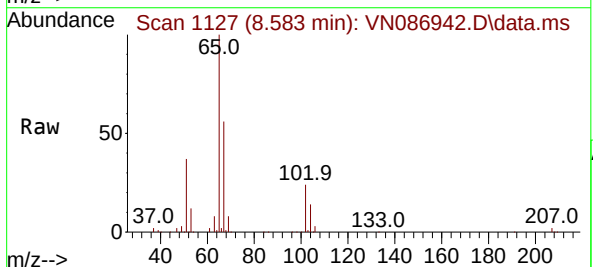
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

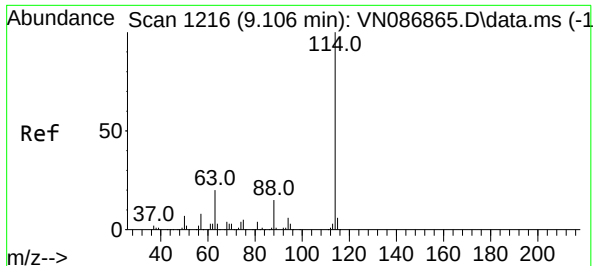
Tgt Ion: 56 Resp: 5806
Ion Ratio Lower Upper
56 100
69 198.2 25.4 38.0#
84 192.5 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.271 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion: 65 Resp: 212062
Ion Ratio Lower Upper
65 100
67 55.4 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086942.D

Acq: 11 Jun 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBL01

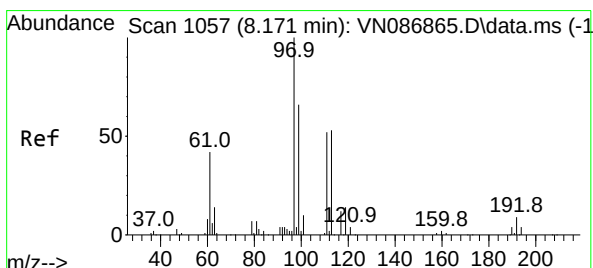
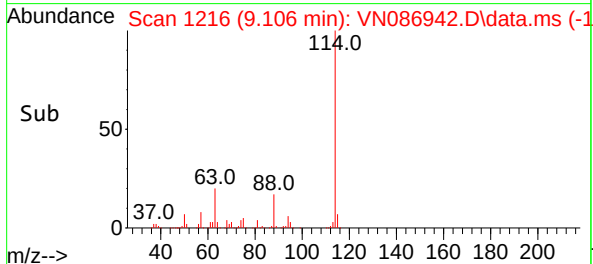
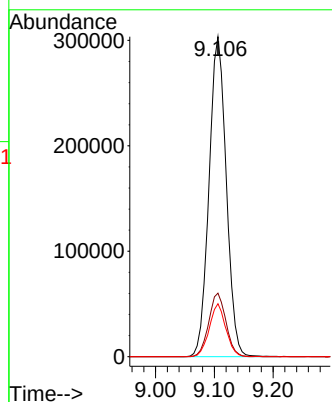
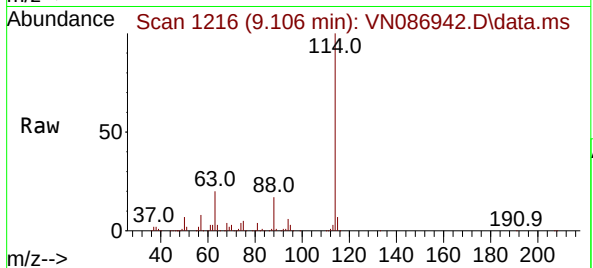
Tgt Ion:114 Resp: 618651

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 16.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.287 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086942.D

Acq: 11 Jun 2025 12:28

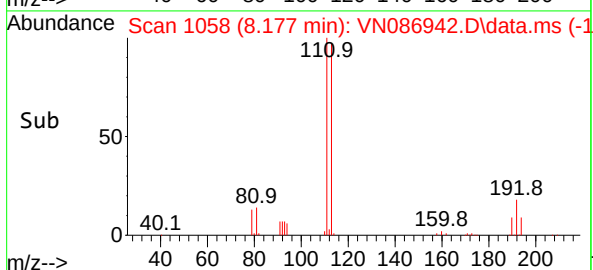
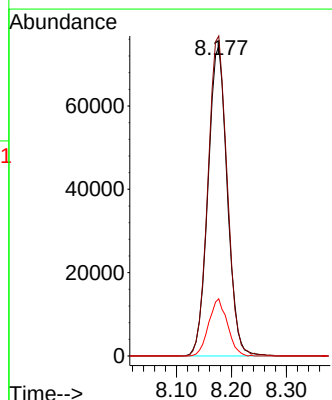
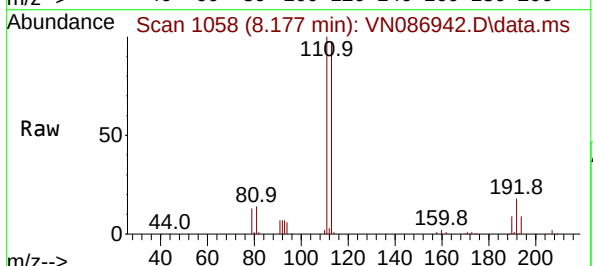
Tgt Ion:113 Resp: 180701

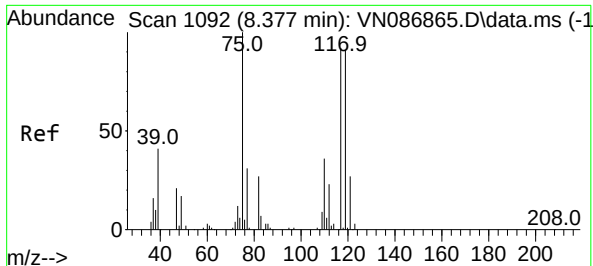
Ion Ratio Lower Upper

113 100

111 103.1 84.2 126.2

192 18.0 14.2 21.4

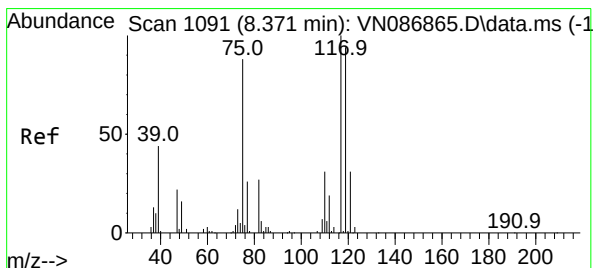
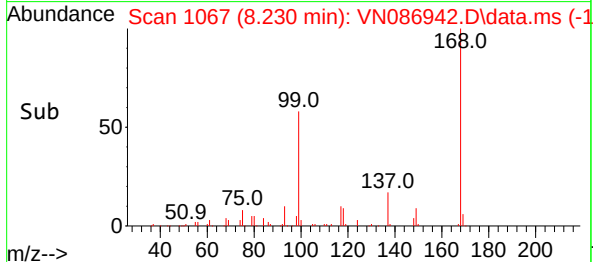
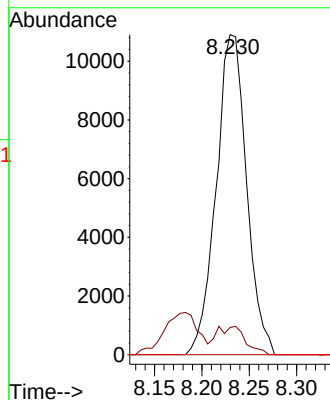
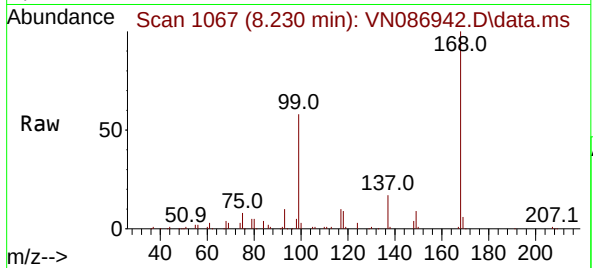




#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

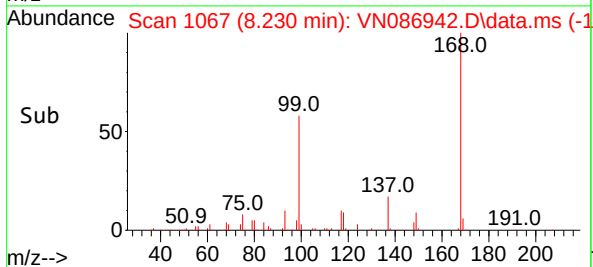
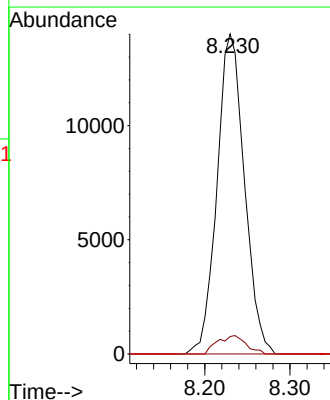
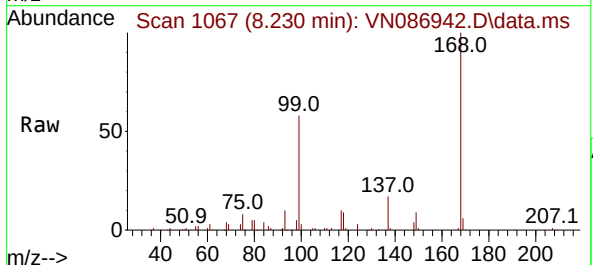
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

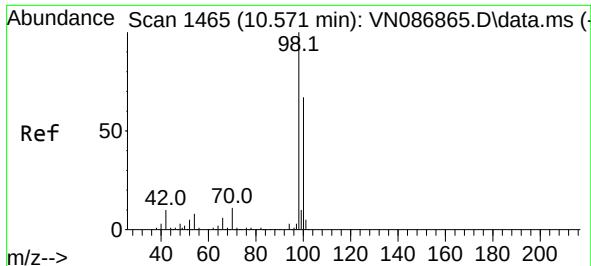
Tgt Ion: 75 Resp: 24346
Ion Ratio Lower Upper
75 100
110 8.5 17.6 52.9#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.831 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion: 117 Resp: 31276
Ion Ratio Lower Upper
117 100
119 5.5 75.0 112.6#
121 0.0 24.9 37.3#

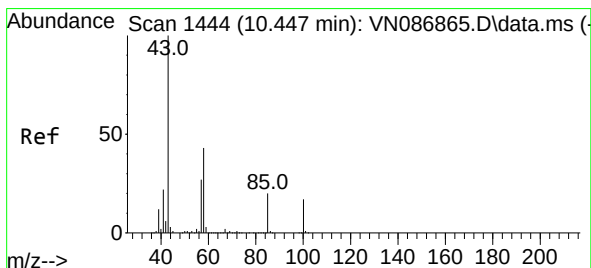
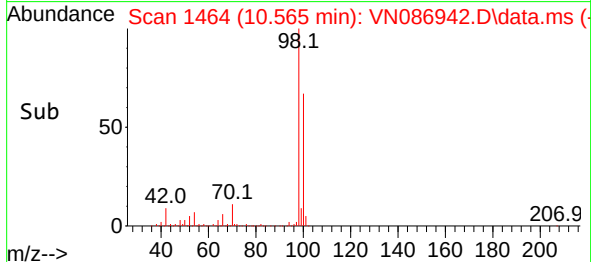
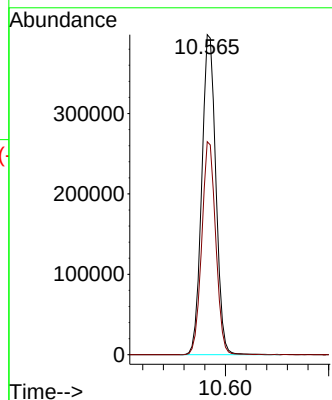
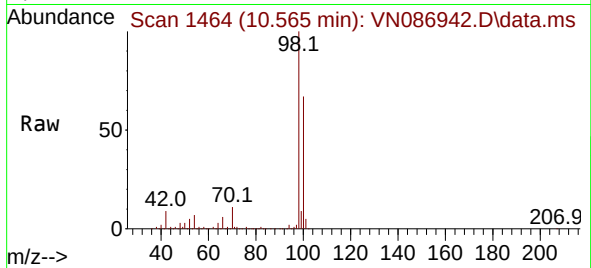




#50
Toluene-d8
Concen: 51.673 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

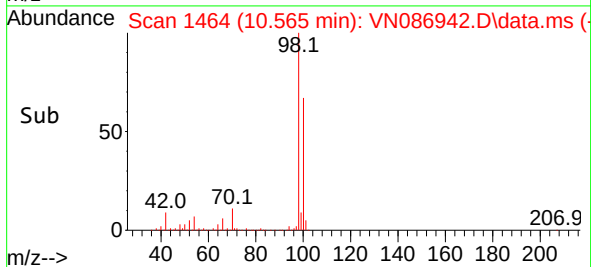
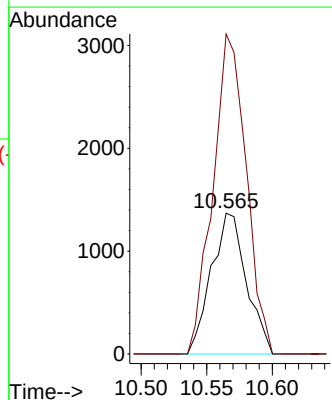
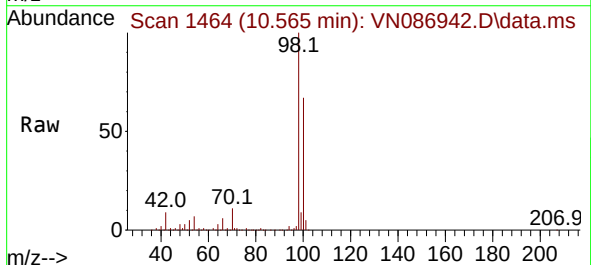
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

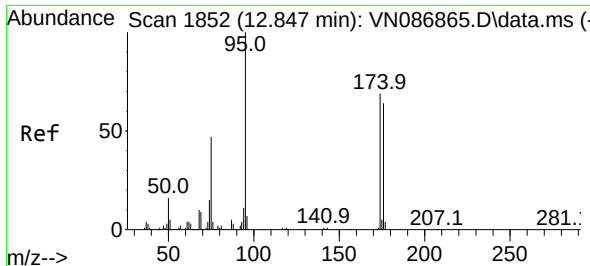
Tgt Ion: 98 Resp: 749967
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.379 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion: 43 Resp: 2548
Ion Ratio Lower Upper
43 100
58 215.7 34.2 51.4#

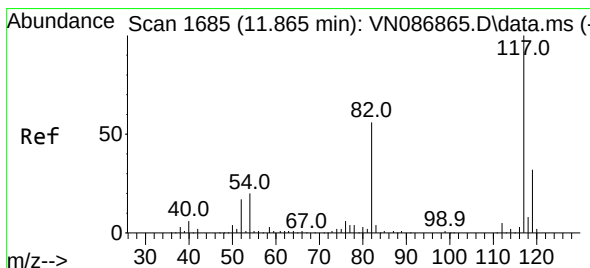
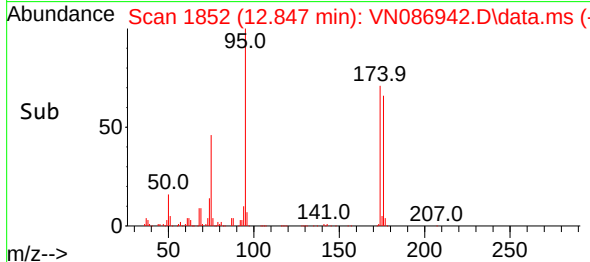
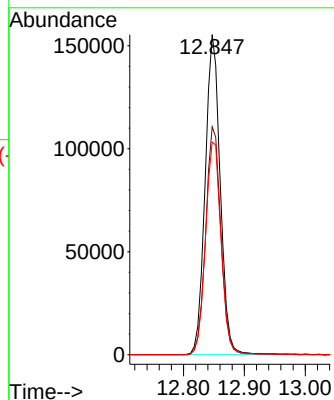
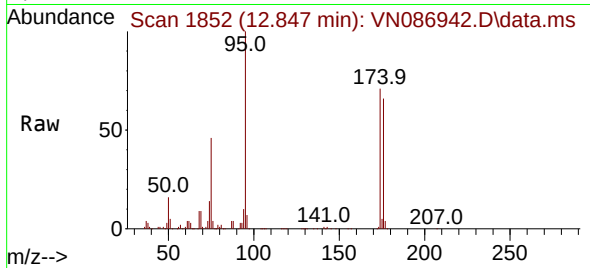




#62
4-Bromofluorobenzene
Concen: 49.431 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

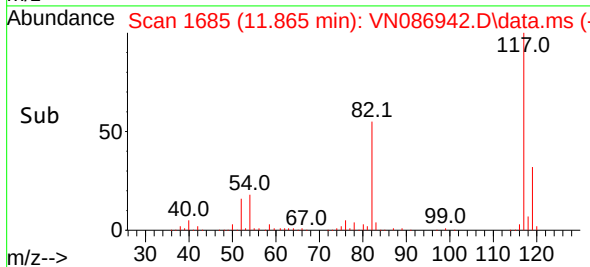
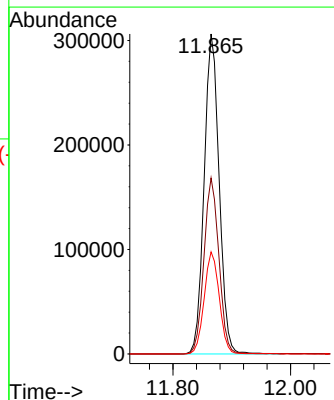
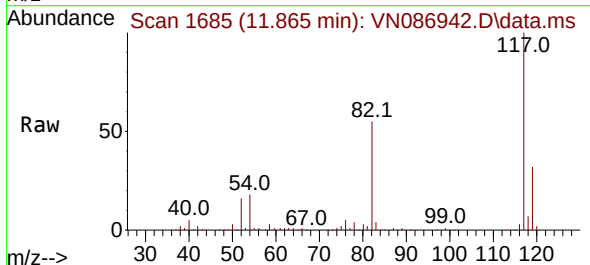
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ClientSampleId :
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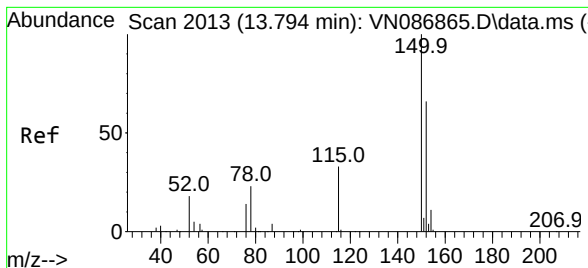
Tgt Ion: 95 Resp: 266545
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.8
176 68.8 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion: 117 Resp: 543433
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 31.9 25.5 38.3

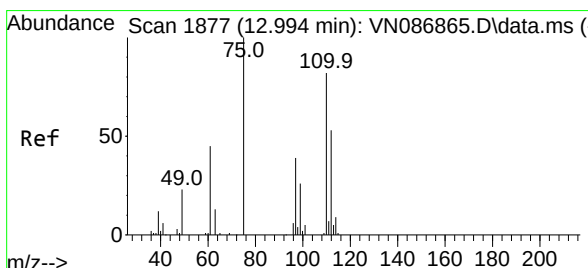
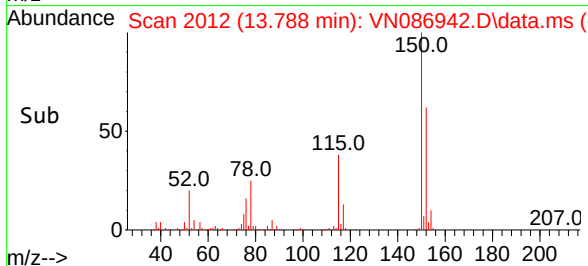
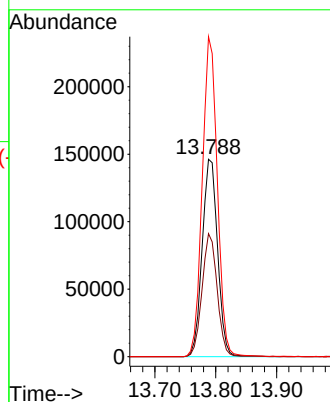
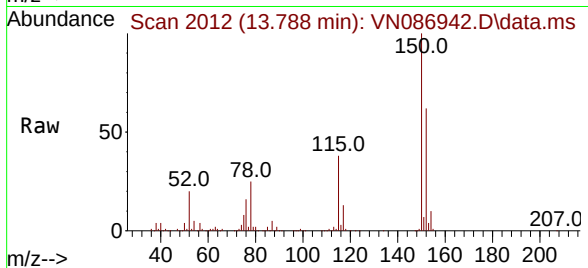




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN086942.D
 Acq: 11 Jun 2025 12:28

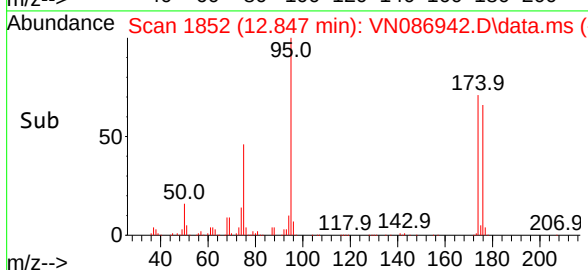
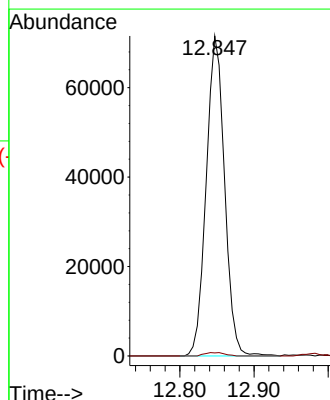
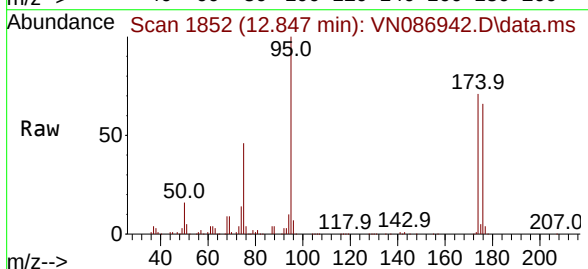
Instrument :
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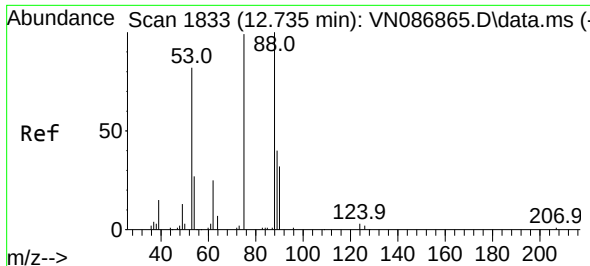
Tgt Ion:152 Resp: 257257
 Ion Ratio Lower Upper
 152 100
 115 61.2 30.1 90.5
 150 157.9 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.142 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN086942.D
 Acq: 11 Jun 2025 12:28

Tgt Ion: 75 Resp: 123169
 Ion Ratio Lower Upper
 75 100
 77 1.2 79.3 237.9#

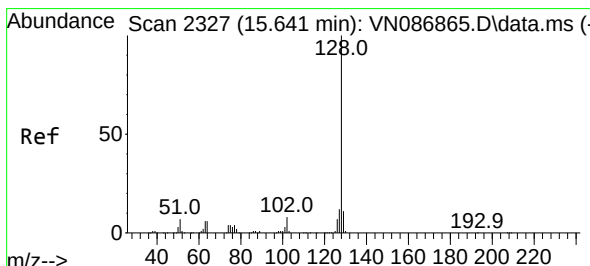
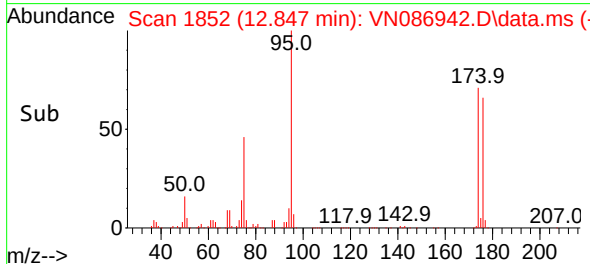
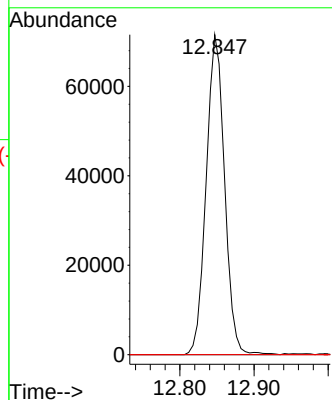
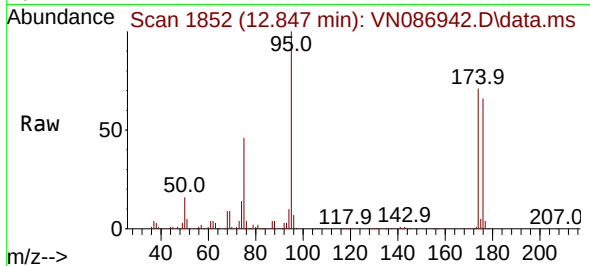




#81
trans-1,4-Dichloro-2-butene
Concen: 46.365 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Tgt Ion: 75 Resp: 123169
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#



#95
Naphthalene
Concen: 0.328 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion:128 Resp: 6326
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 12.6 8.8 13.2

