

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086928.D
 Acq On : 10 Jun 2025 15:00
 Operator : JC\MD
 Sample : Q2251-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-GW-740-742

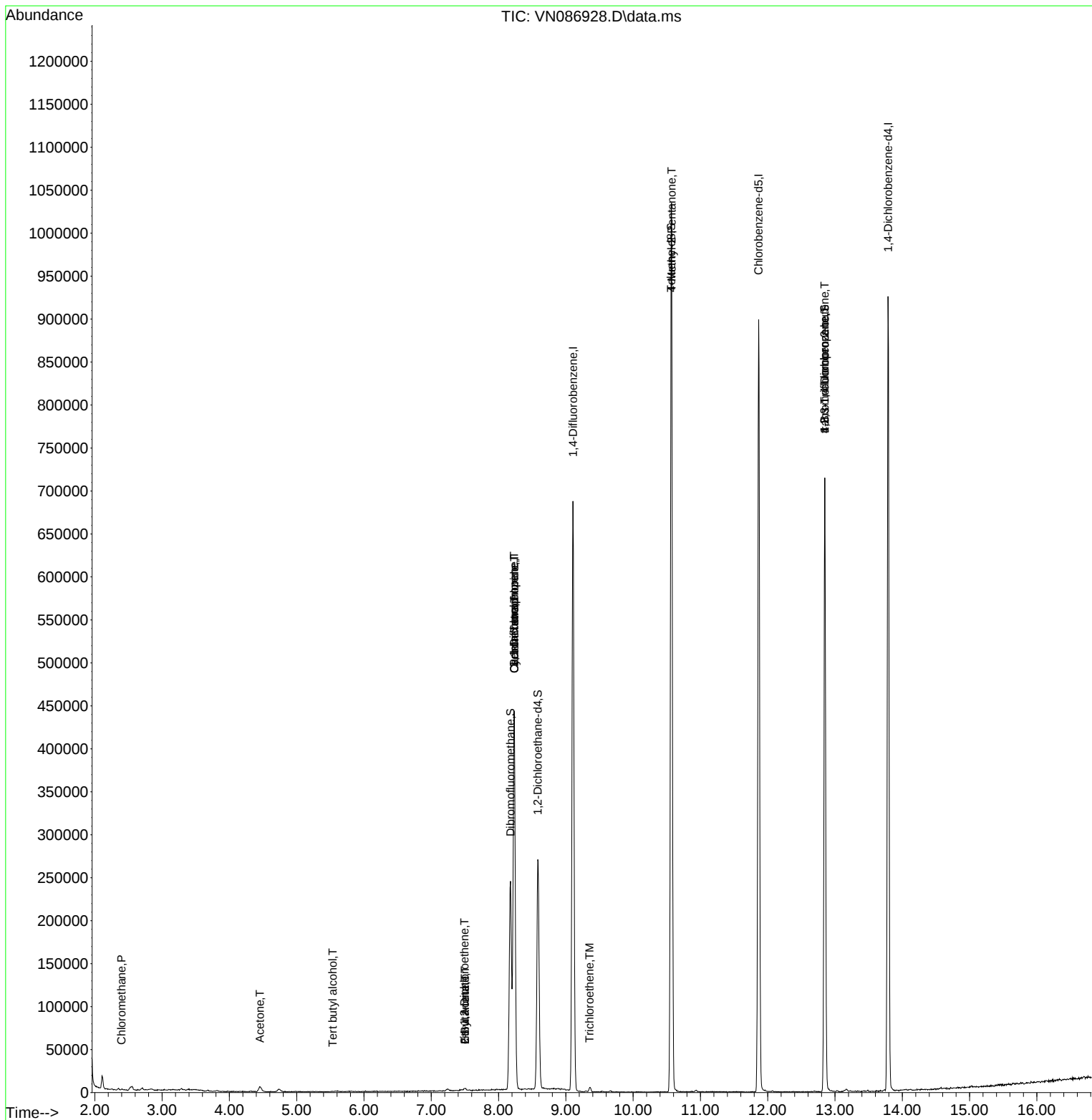
Quant Time: Jun 11 01:56:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

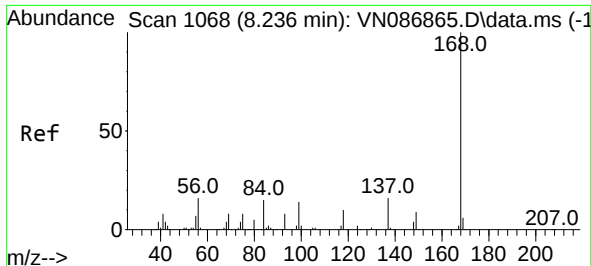
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	345182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	642235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	564142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	270892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222351	48.111	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.220%
35) Dibromofluoromethane	8.177	113	185912	48.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.700%
50) Toluene-d8	10.565	98	774981	51.435	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.880%
62) 4-Bromofluorobenzene	12.847	95	279363	49.905	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.820%
Target Compounds						
					Qvalue	
3) Chloromethane	2.395	50	1465	0.330	ug/l	100
11) Tert butyl alcohol	5.536	59	1126	0.898	ug/l #	73
16) Acetone	4.453	43	12197	4.977	ug/l	96
25) 2-Butanone	7.500	43	2721	0.683	ug/l #	88
27) cis-1,2-Dichloroethene	7.494	96	2350	0.460	ug/l	35
31) Cyclohexane	8.236	56	6267	0.836	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	26521	4.676	ug/l #	48
37) Ethyl Acetate	7.500	43	2721	0.377	ug/l #	44
38) Carbon Tetrachloride	8.236	117	33605	6.035	ug/l #	17
44) Trichloroethene	9.353	130	2105	0.479	ug/l	92
51) 4-Methyl-2-Pentanone	10.571	43	2748	0.394	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	128467	19.951	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	128467	45.926	ug/l #	16

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

Quant Time: Jun 11 01:56:01 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

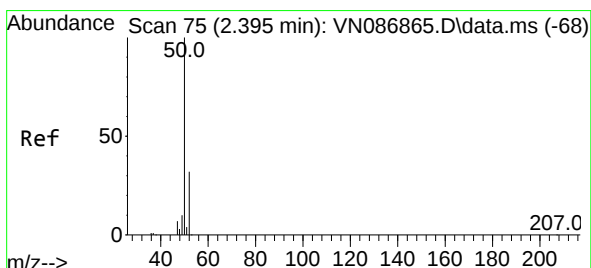
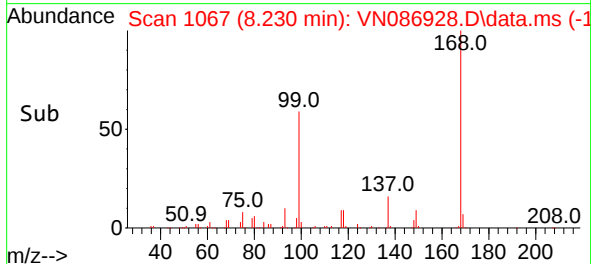
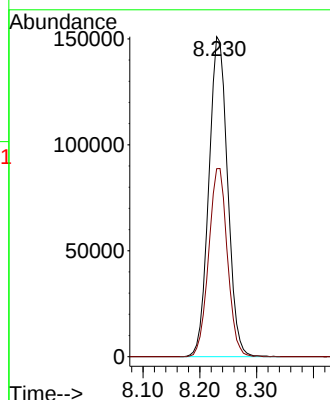
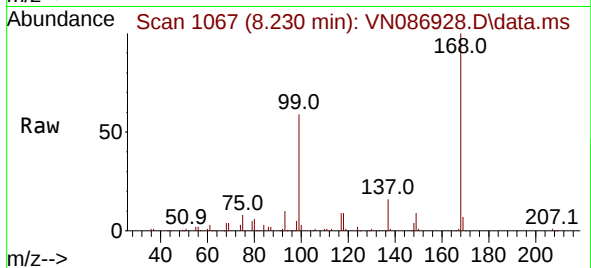




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

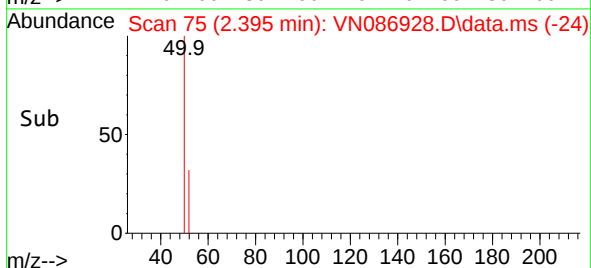
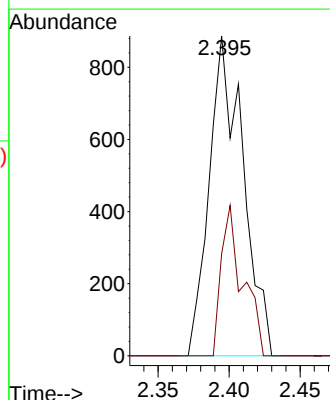
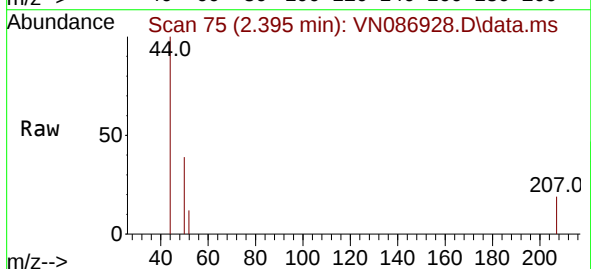
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

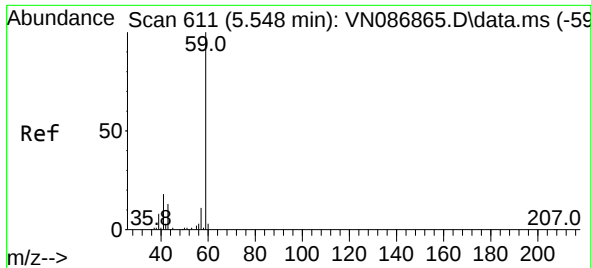
Tgt Ion:168 Resp: 345182
Ion Ratio Lower Upper
168 100
99 58.7 49.1 73.7



#3
Chloromethane
Concen: 0.330 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

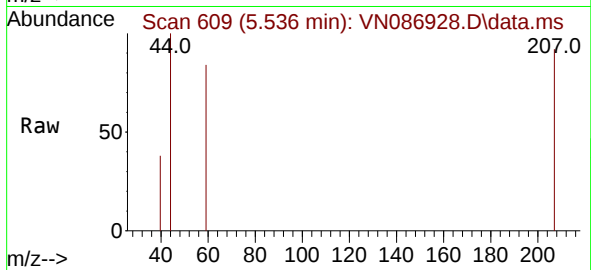
Tgt Ion: 50 Resp: 1465
Ion Ratio Lower Upper
50 100
52 31.9 25.7 38.5



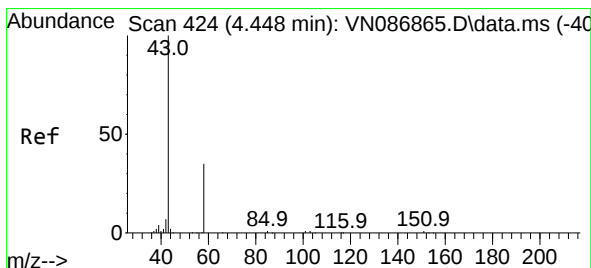
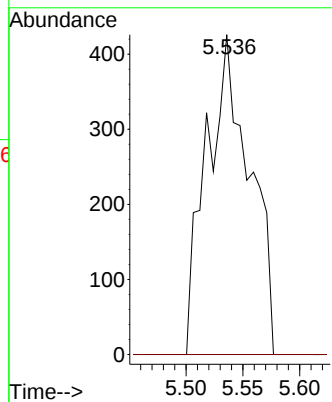
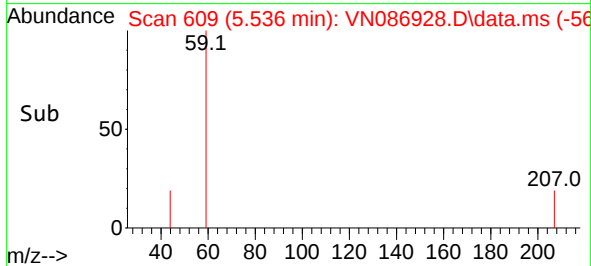


#11
Tert butyl alcohol
Concen: 0.898 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

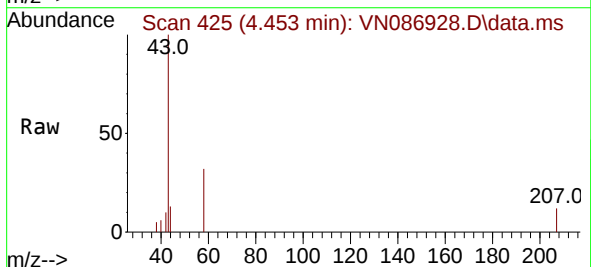
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742



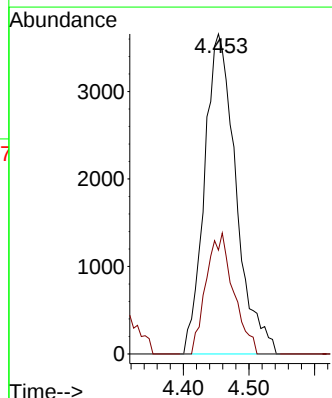
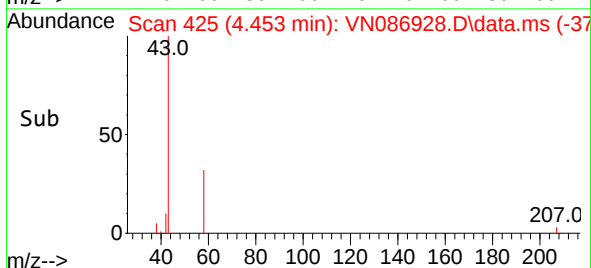
Tgt Ion: 59 Resp: 1126
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

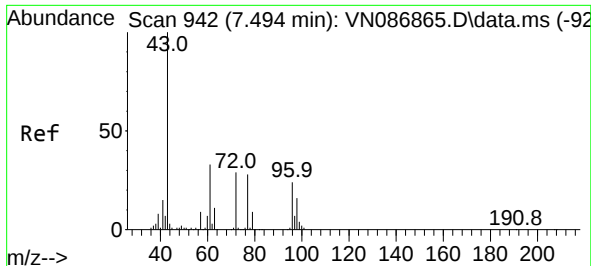


#16
Acetone
Concen: 4.977 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00



Tgt Ion: 43 Resp: 12197
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0

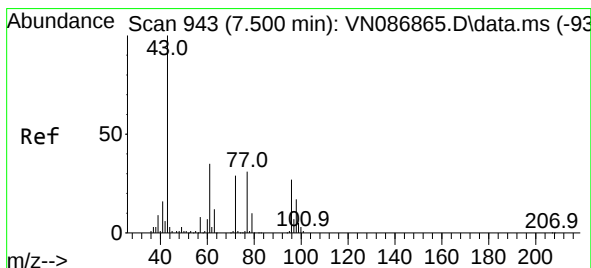
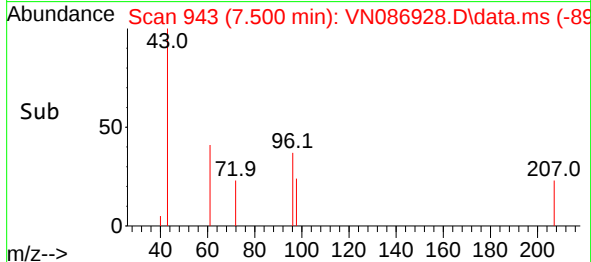
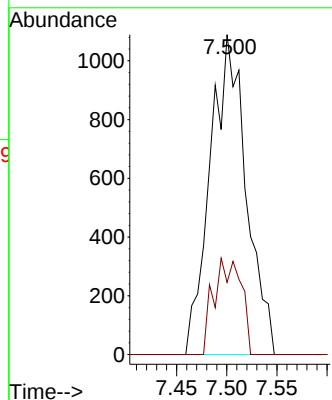
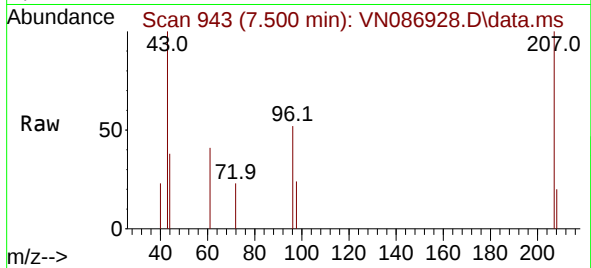




#25
2-Butanone
Concen: 0.683 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

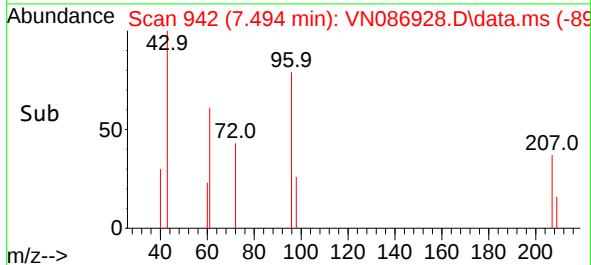
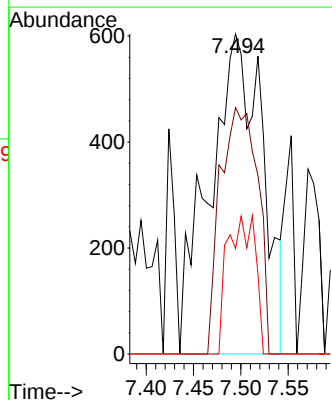
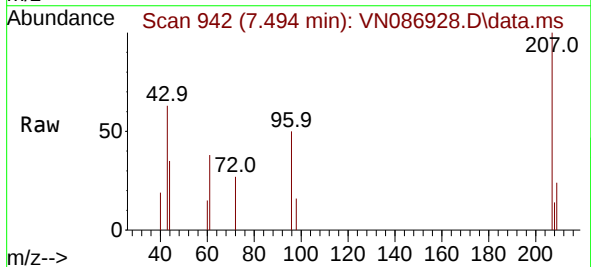
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

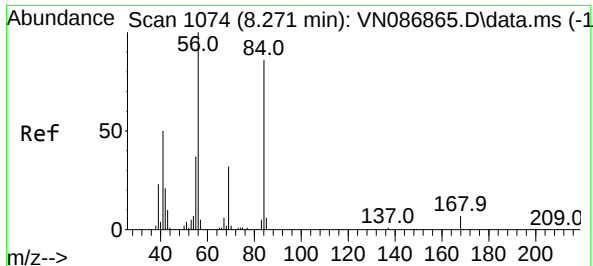
Tgt Ion: 43 Resp: 2721
Ion Ratio Lower Upper
43 100
72 22.6 23.0 34.6#



#27
cis-1,2-Dichloroethene
Concen: 0.460 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

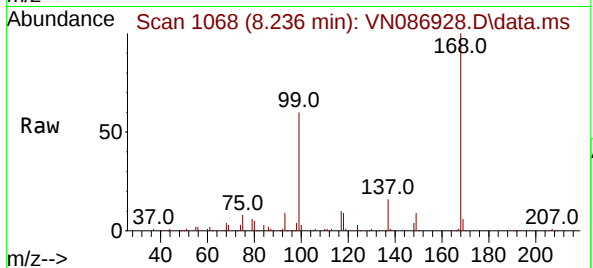
Tgt Ion: 96 Resp: 2350
Ion Ratio Lower Upper
96 100
61 54.3 0.0 278.0
98 22.6 0.0 128.2



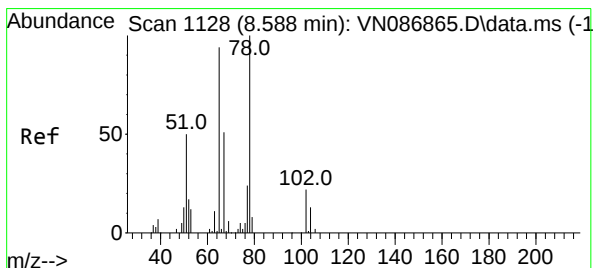
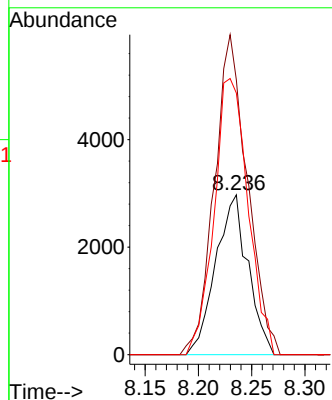
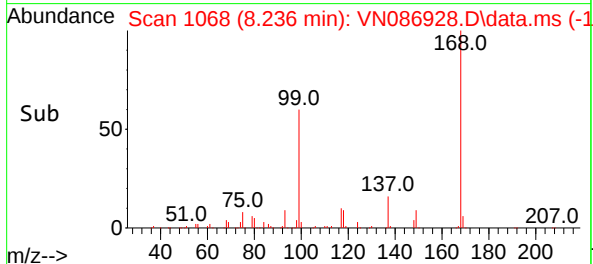


#31
Cyclohexane
Concen: 0.836 ug/l
RT: 8.236 min Scan# 1107
Delta R.T. -0.035 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

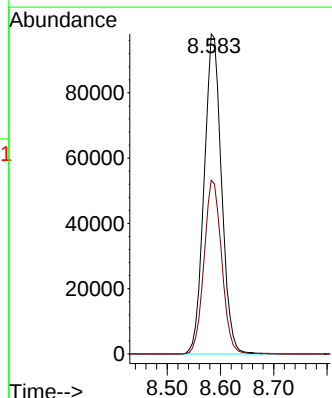
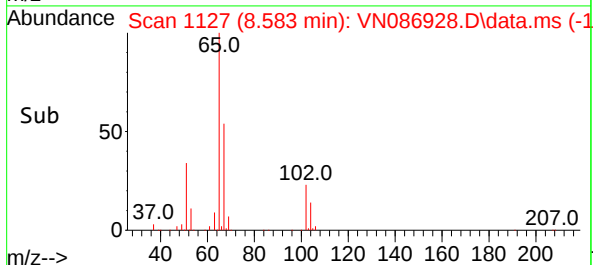
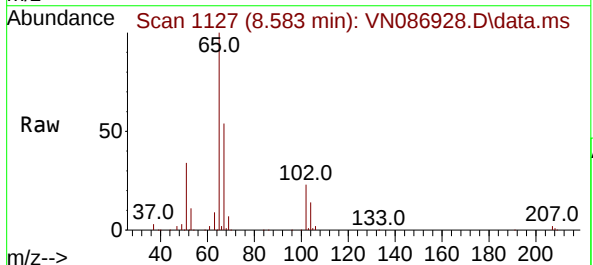


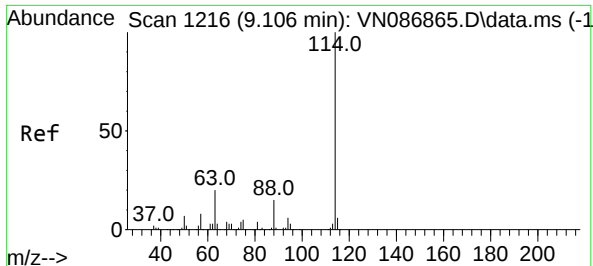
Tgt Ion: 56 Resp: 6267
Ion Ratio Lower Upper
56 100
69 171.9 25.4 38.0#
84 163.7 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.111 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Tgt Ion: 65 Resp: 222351
Ion Ratio Lower Upper
65 100
67 54.8 0.0 105.6

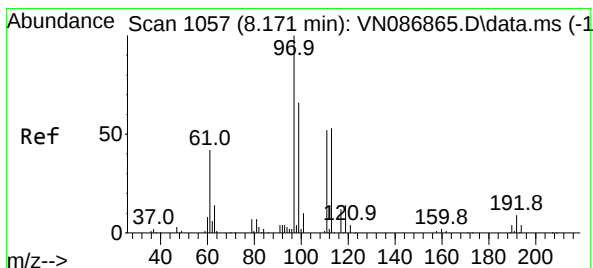
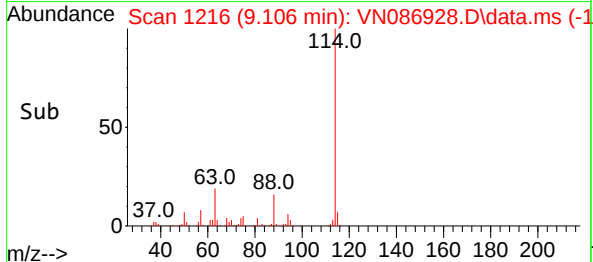
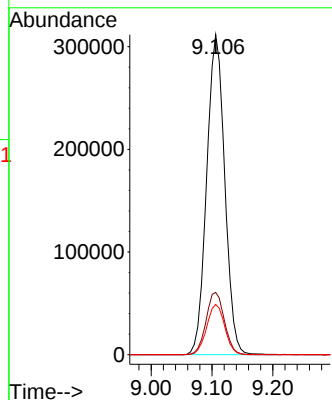
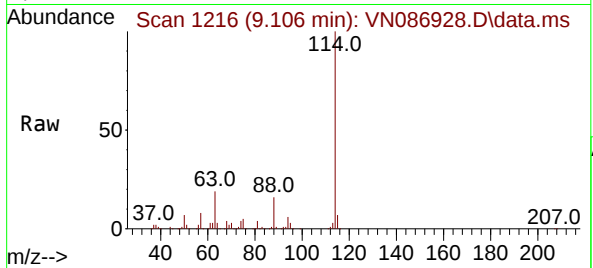




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

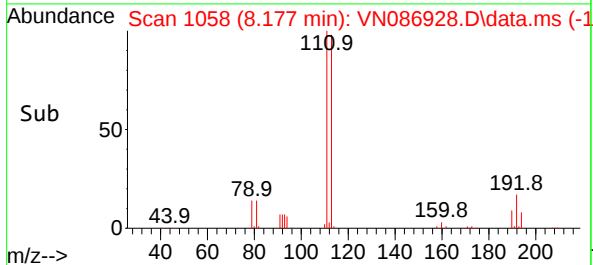
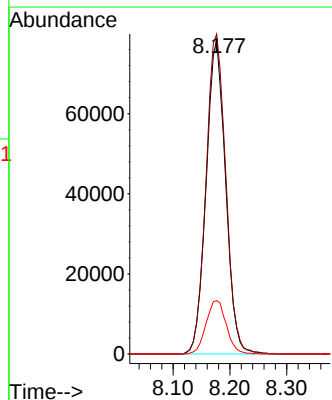
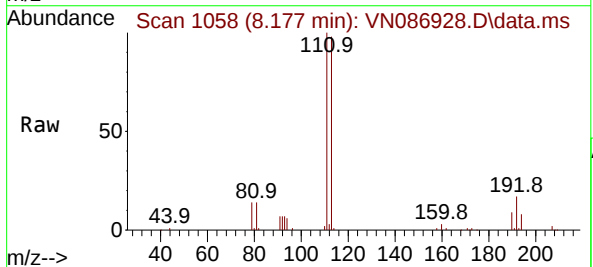
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

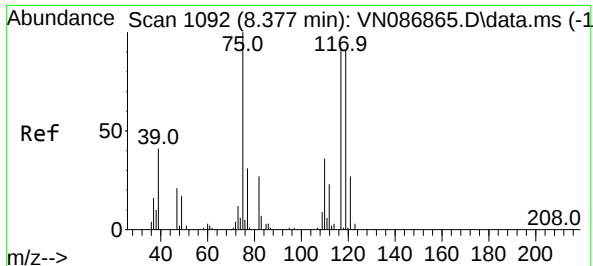
Tgt Ion:114 Resp: 642235
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.6
88 15.7 0.0 30.2



#35
Dibromofluoromethane
Concen: 48.847 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Tgt Ion:113 Resp: 185912
Ion Ratio Lower Upper
113 100
111 103.8 84.2 126.2
192 17.8 14.2 21.4

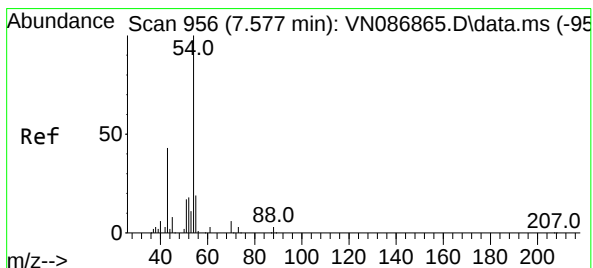
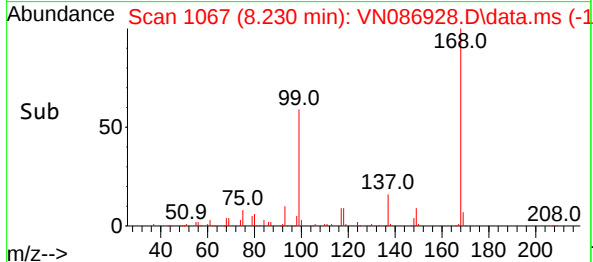
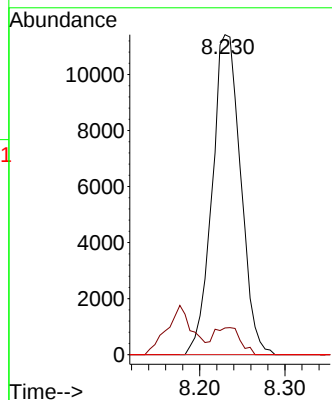
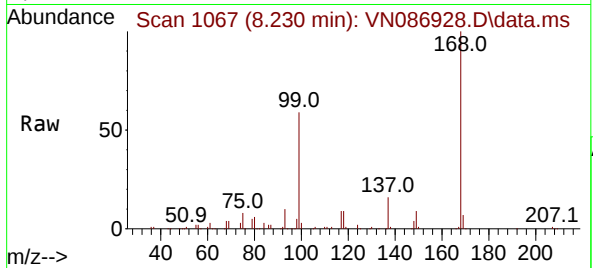




#36
1,1-Dichloropropene
Concen: 4.676 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

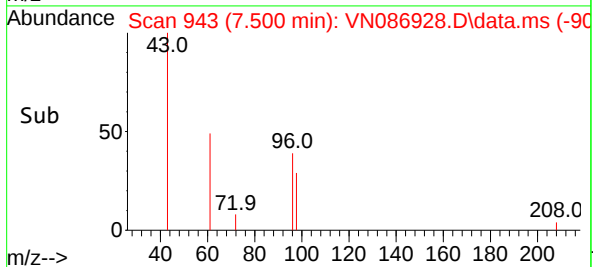
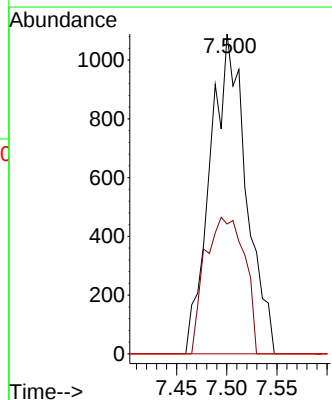
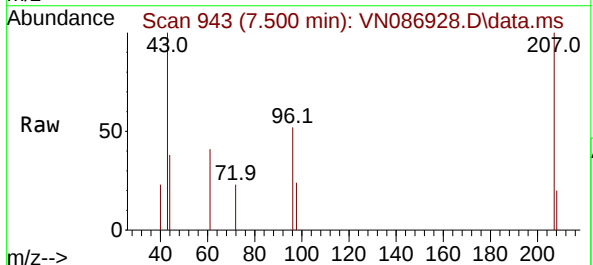
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

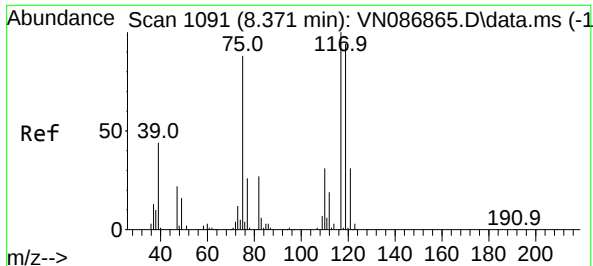
Tgt Ion: 75 Resp: 26521
Ion Ratio Lower Upper
75 100
110 8.1 17.6 52.9#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 0.377 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.077 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Tgt Ion: 43 Resp: 2721
Ion Ratio Lower Upper
43 100
61 46.9 12.1 18.1#
70 0.0 9.8 14.6#

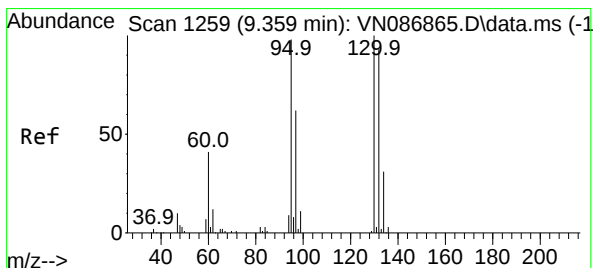
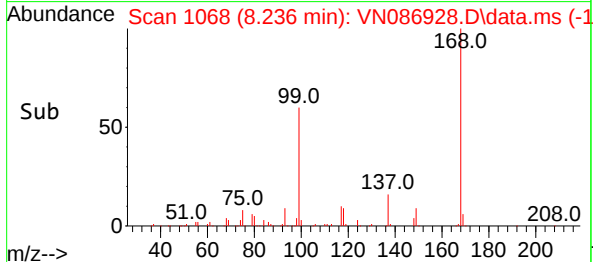
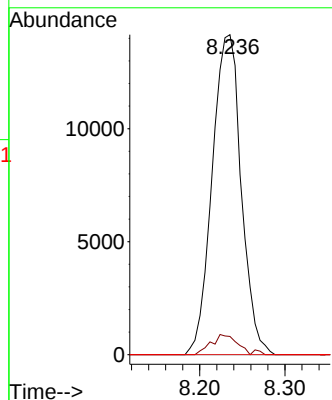
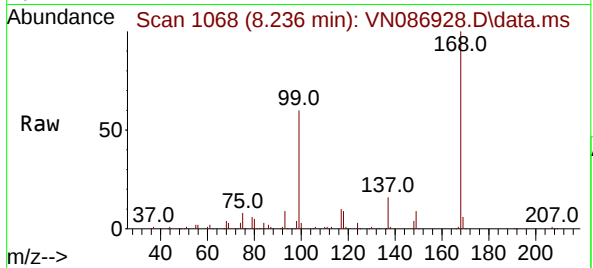




#38
Carbon Tetrachloride
Concen: 6.035 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

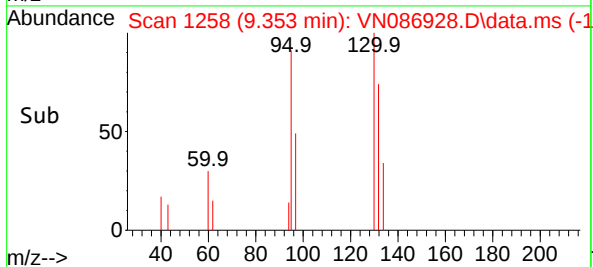
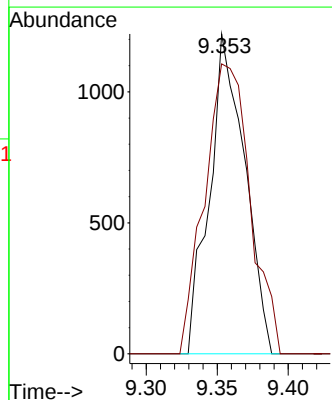
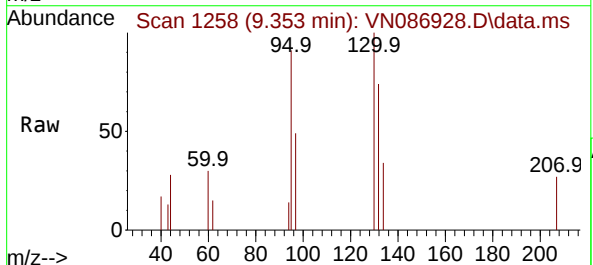
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

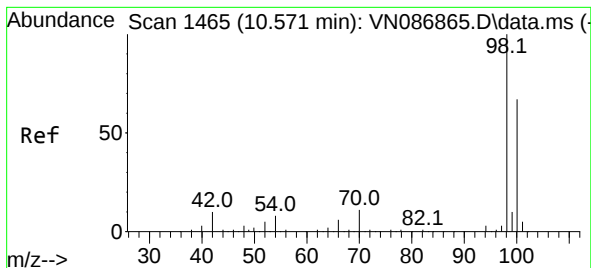
Tgt Ion:117 Resp: 33605
Ion Ratio Lower Upper
117 100
119 5.7 75.0 112.6#
121 0.0 24.9 37.3#



#44
Trichloroethene
Concen: 0.479 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Tgt Ion:130 Resp: 2105
Ion Ratio Lower Upper
130 100
95 90.7 0.0 196.2





#50

Toluene-d8

Concen: 51.435 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN086928.D

Acq: 10 Jun 2025 15:00

Instrument :

MSVOA_N

ClientSampleId :

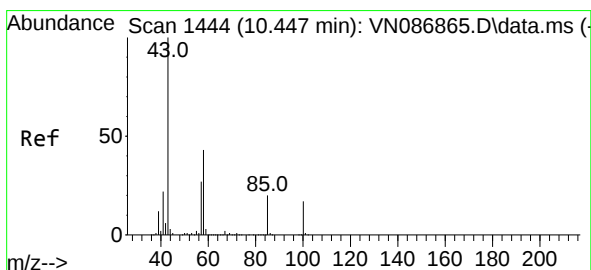
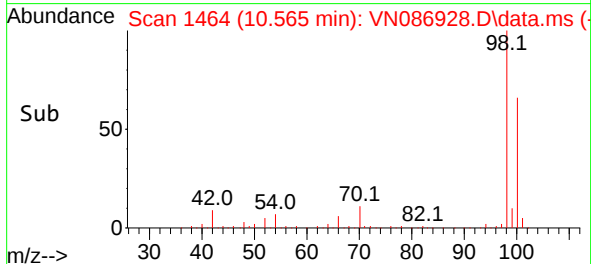
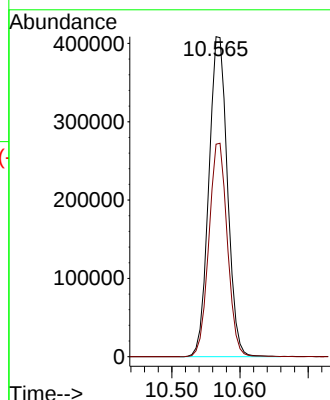
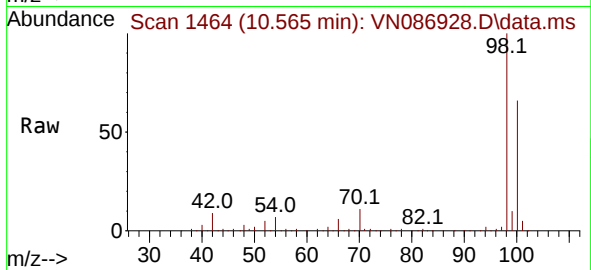
BP-VPB-182-GW-740-742

Tgt Ion: 98 Resp: 774981

Ion Ratio Lower Upper

98 100

100 66.2 53.4 80.0



#51

4-Methyl-2-Pentanone

Concen: 0.394 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.123 min

Lab File: VN086928.D

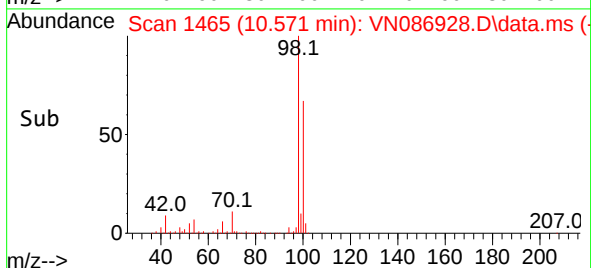
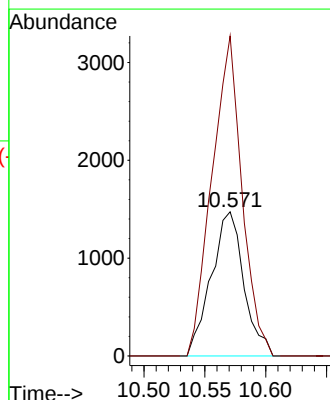
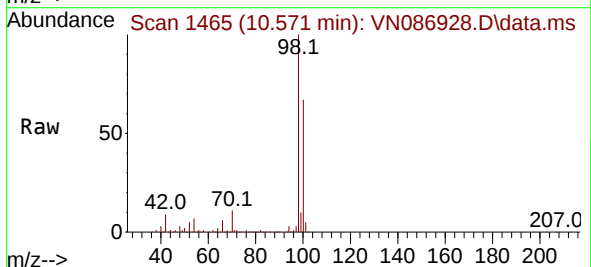
Acq: 10 Jun 2025 15:00

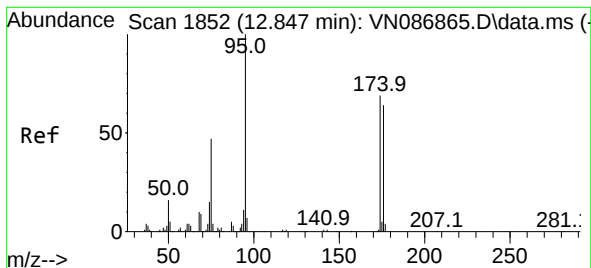
Tgt Ion: 43 Resp: 2748

Ion Ratio Lower Upper

43 100

58 204.2 34.2 51.4#

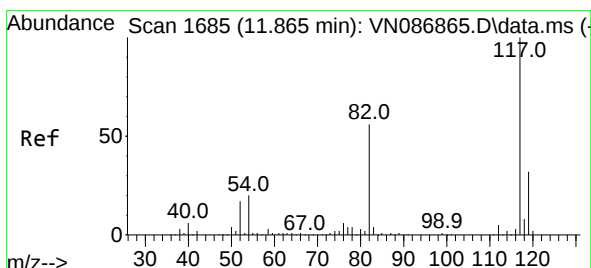
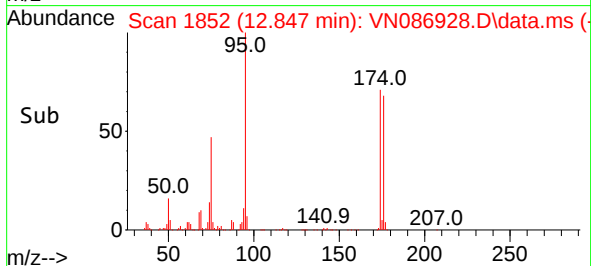
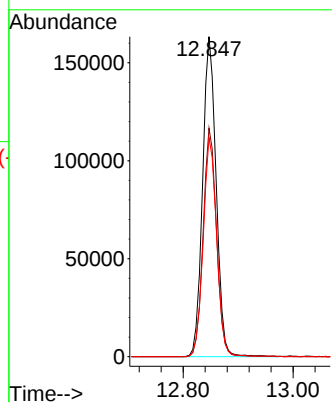
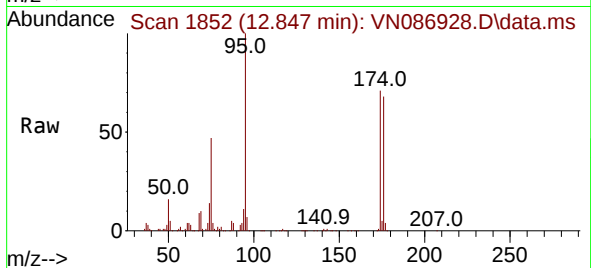




#62
4-Bromofluorobenzene
Concen: 49.905 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

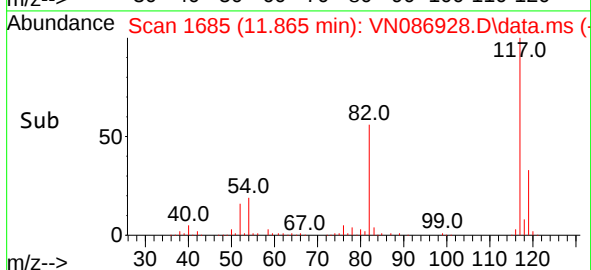
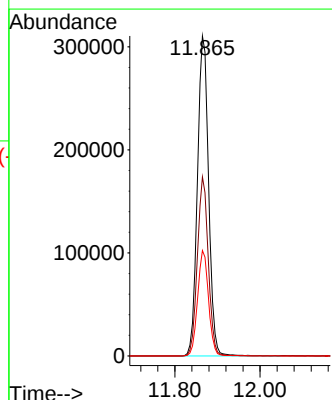
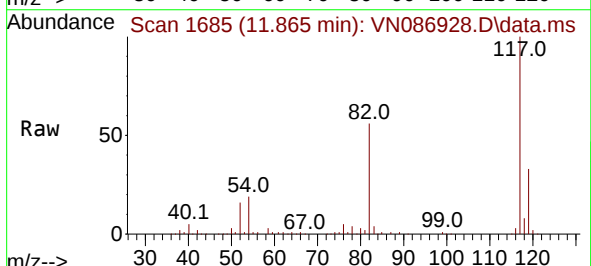
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

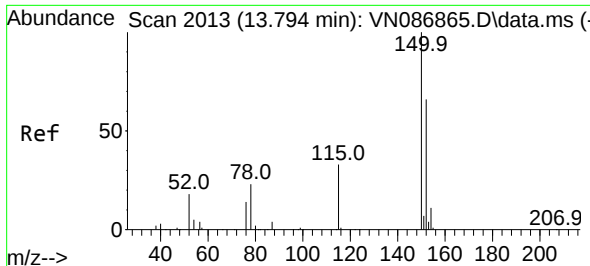
Tgt Ion: 95 Resp: 279363
Ion Ratio Lower Upper
95 100
174 70.6 0.0 141.8
176 67.9 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Tgt Ion: 117 Resp: 564142
Ion Ratio Lower Upper
117 100
82 56.0 44.6 67.0
119 33.0 25.5 38.3

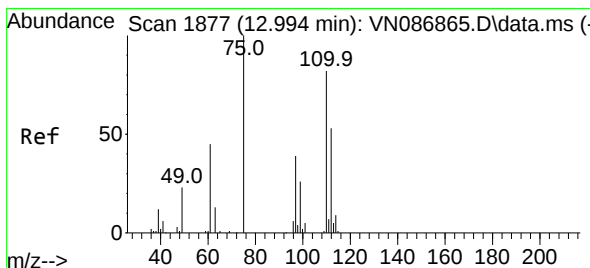
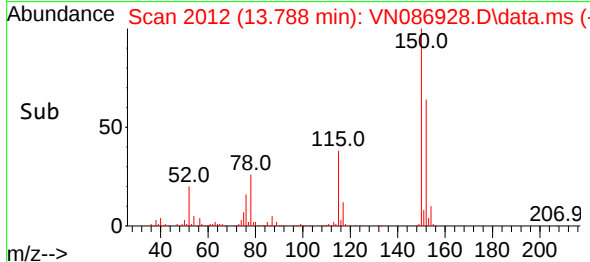
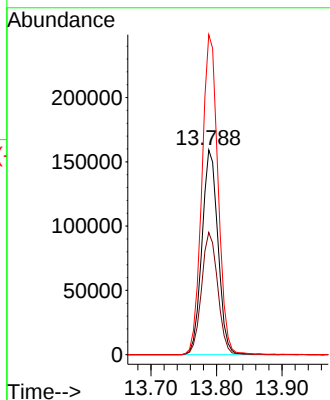
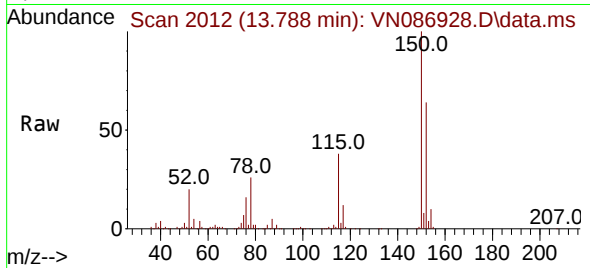




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2013
 Delta R.T. -0.006 min
 Lab File: VN086928.D
 Acq: 10 Jun 2025 15:00

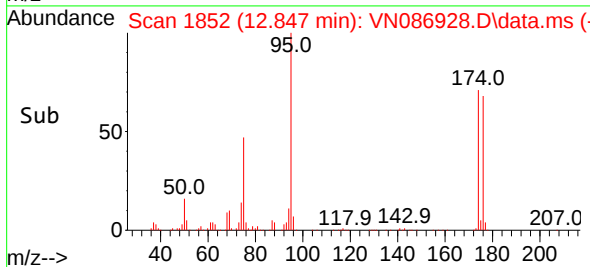
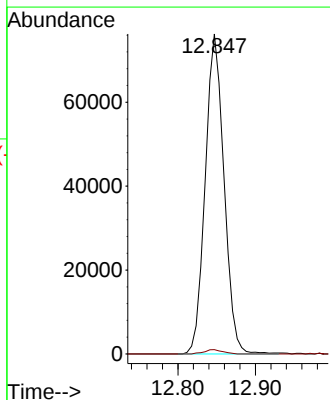
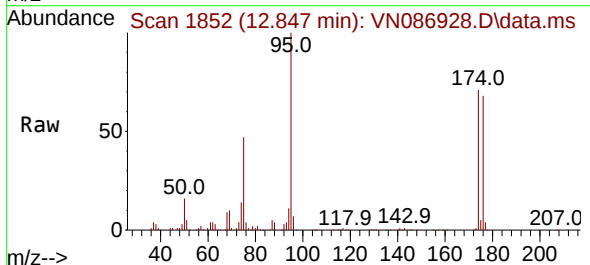
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-GW-740-742

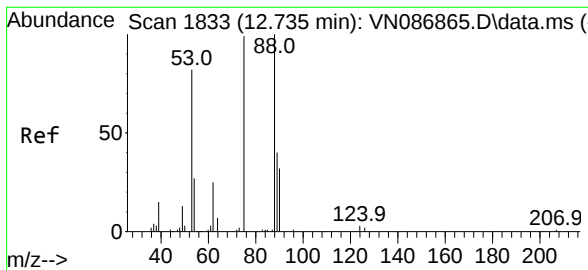
Tgt Ion:152 Resp: 270892
 Ion Ratio Lower Upper
 152 100
 115 60.5 30.1 90.5
 150 157.4 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 19.951 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN086928.D
 Acq: 10 Jun 2025 15:00

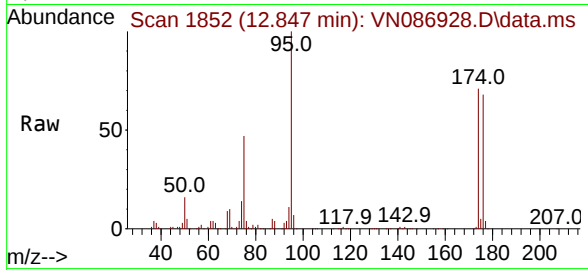
Tgt Ion: 75 Resp: 128467
 Ion Ratio Lower Upper
 75 100
 77 1.3 79.3 237.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.926 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN086928.D
 Acq: 10 Jun 2025 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-GW-740-742



Tgt Ion: 75 Resp: 128467
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.6 99.8#
 89 0.0 36.7 55.1#

