

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031818.D
 Acq On : 11 Jul 2025 14:18
 Operator : SY/MD
 Sample : VW0711SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 11 22:47:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

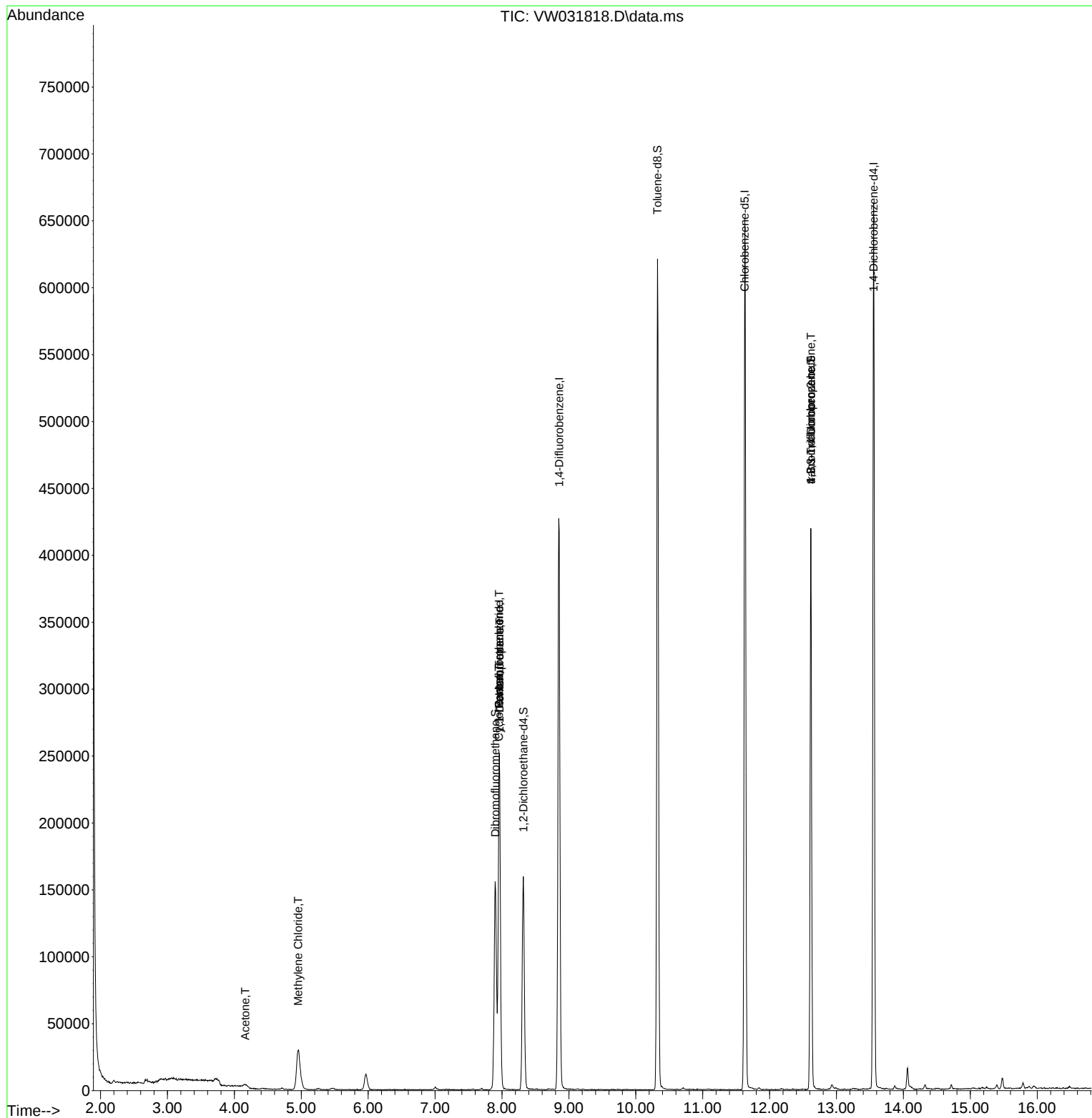
Internal Standards						
1) Pentafluorobenzene	7.959	168	167609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	357632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	345815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	162450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	133691	55.580	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 111.160%			
35) Dibromofluoromethane	7.898	113	113431	48.606	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 97.220%			
50) Toluene-d8	10.325	98	406941	46.858	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 93.720%			
62) 4-Bromofluorobenzene	12.617	95	145784	45.615	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 91.240%			
Target Compounds					Qvalue	
16) Acetone	4.161	43	2197	3.695	ug/l #	87
20) Methylene Chloride	4.954	84	28759	8.320	ug/l	88
31) Cyclohexane	7.953	56	4322	1.262	ug/l #	5
36) 1,1-Dichloropropene	7.965	75	15711	4.652	ug/l #	50
38) Carbon Tetrachloride	7.959	117	19382	5.632	ug/l #	18
76) 1,2,3-Trichloropropane	12.617	75	76582	36.480	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	76582	84.967	ug/l #	8

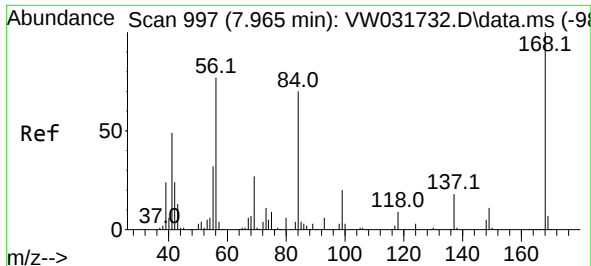
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
Data File : VW031818.D
Acq On : 11 Jul 2025 14:18
Operator : SY/MD
Sample : VW0711SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

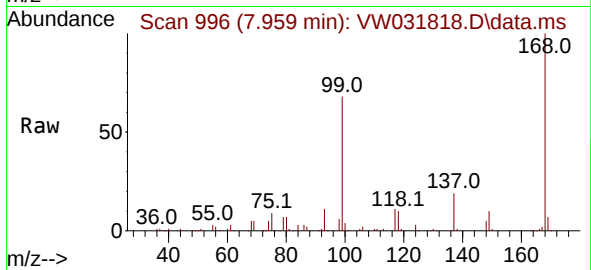
Quant Time: Jul 11 22:47:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration



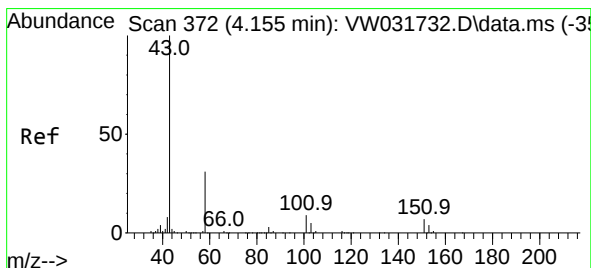
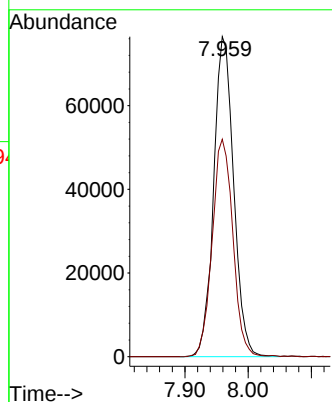
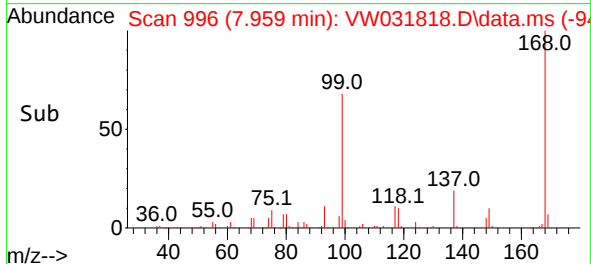


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031818.D
Acq: 11 Jul 2025 14:18

Instrument :
MSVOA_W
ClientSampleId :

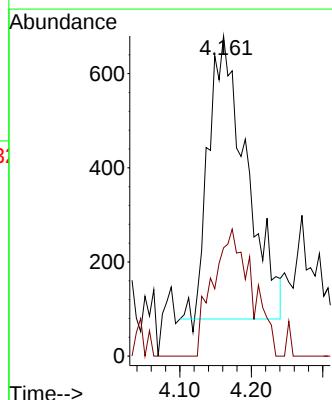
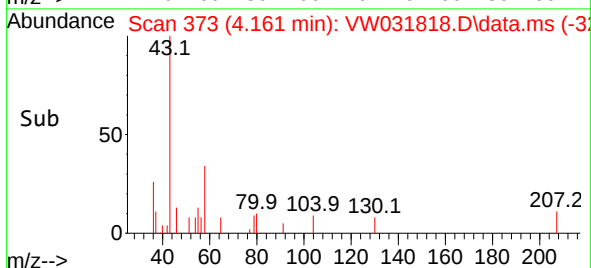
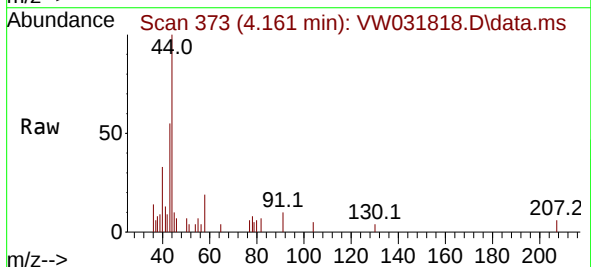


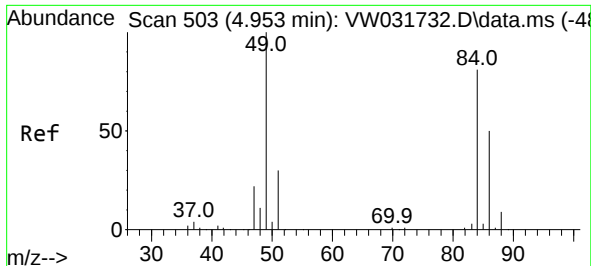
Tgt Ion:168 Resp: 167609
Ion Ratio Lower Upper
168 100
99 67.9 49.4 74.2



#16
Acetone
Concen: 3.695 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031818.D
Acq: 11 Jul 2025 14:18

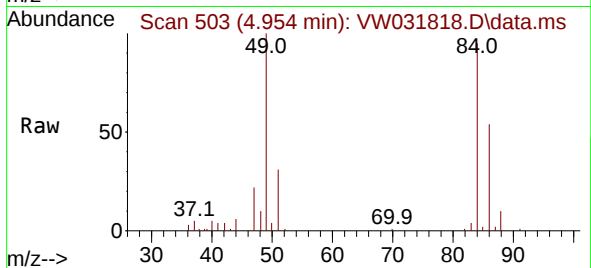
Tgt Ion: 43 Resp: 2197
Ion Ratio Lower Upper
43 100
58 38.3 24.8 37.2#



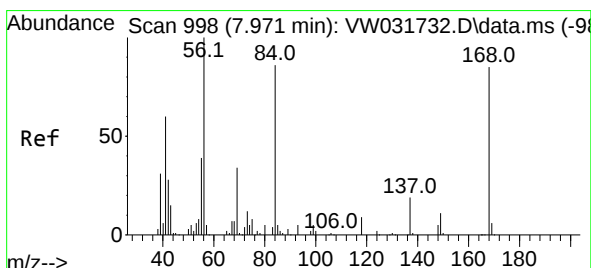
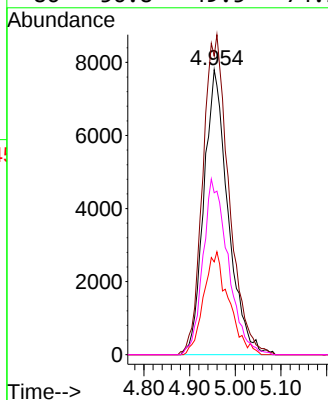
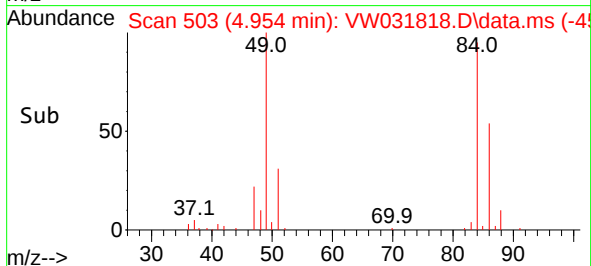


#20
Methylene Chloride
Concen: 8.320 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031818.D
Acq: 11 Jul 2025 14:18

Instrument :
MSVOA_W
ClientSampleId :

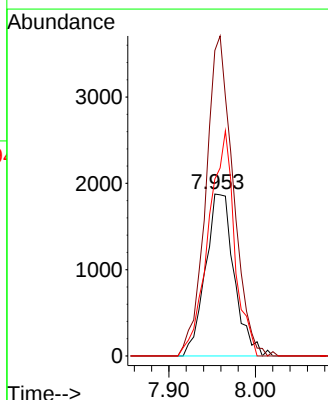
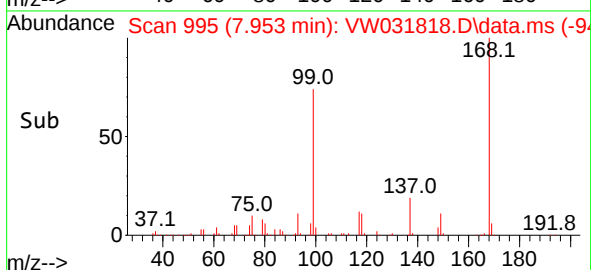
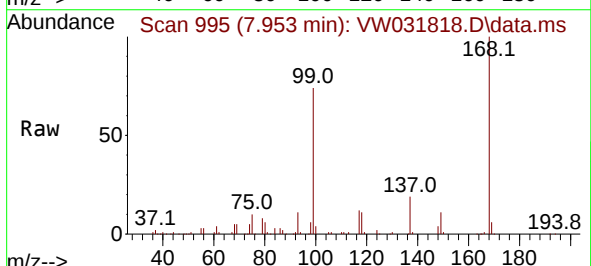


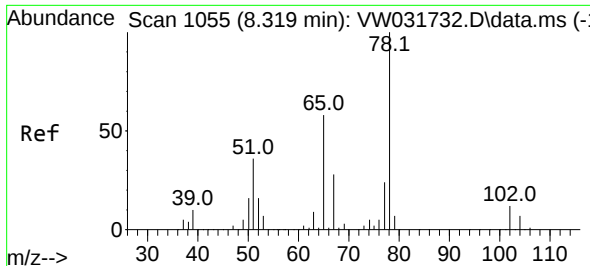
Tgt Ion:	84	Resp:	28759
Ion	Ratio	Lower	Upper
84	100		
49	104.8	98.2	147.4
51	32.5	29.8	44.8
86	56.8	49.5	74.3



#31
Cyclohexane
Concen: 1.262 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.018 min
Lab File: VW031818.D
Acq: 11 Jul 2025 14:18

Tgt Ion:	56	Resp:	4322
Ion	Ratio	Lower	Upper
56	100		
69	188.6	27.2	40.8#
84	109.2	68.5	102.7#

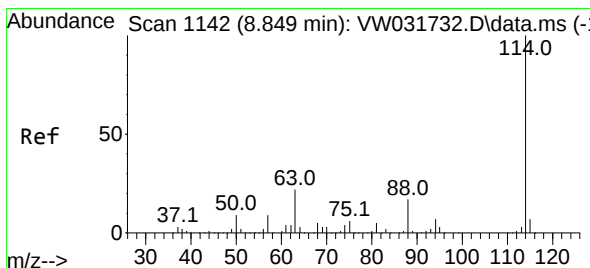
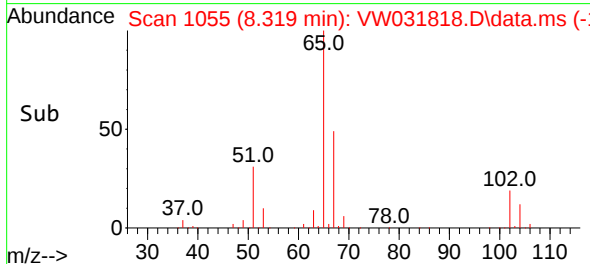
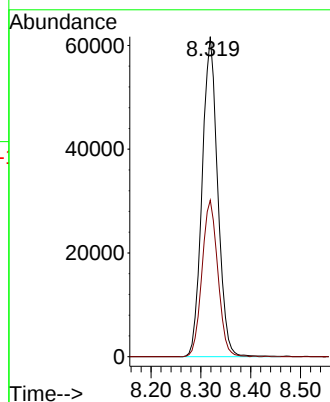
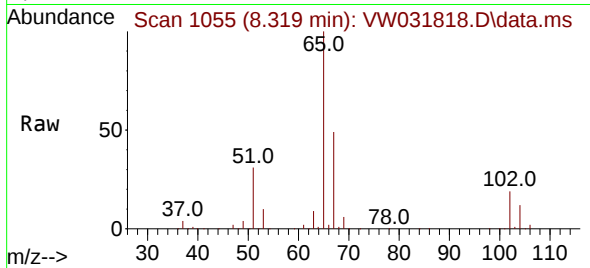




#33
 1,2-Dichloroethane-d4
 Concen: 55.580 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031818.D
 Acq: 11 Jul 2025 14:18

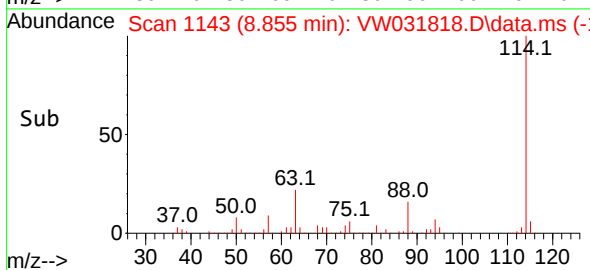
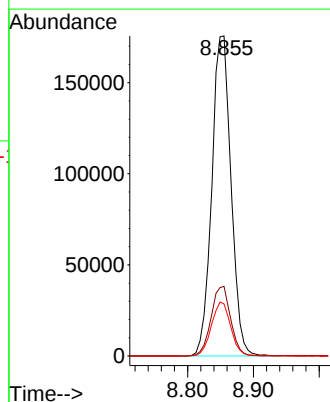
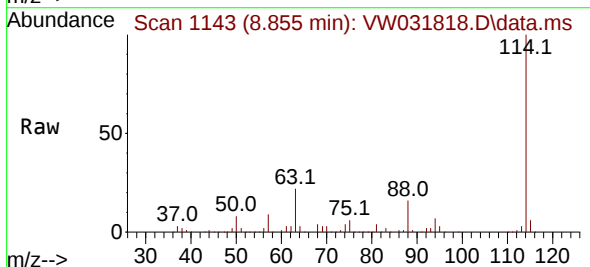
Instrument :
 MSVOA_W
 ClientSampleId :

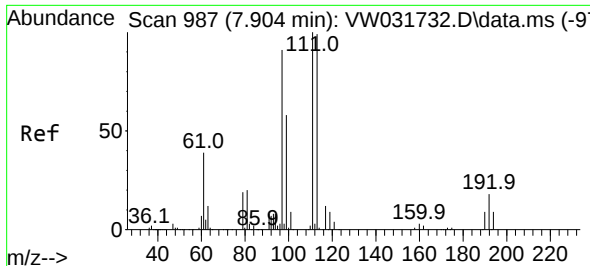
Tgt Ion: 65 Resp: 133691
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031818.D
 Acq: 11 Jul 2025 14:18

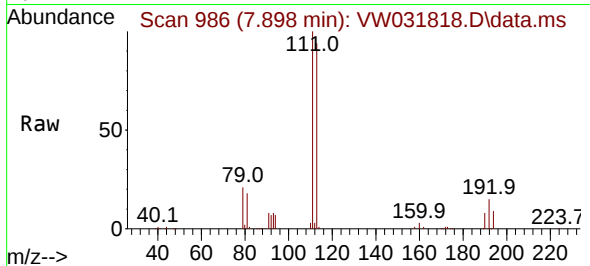
Tgt Ion: 114 Resp: 357632
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.6
 88 16.3 0.0 34.2



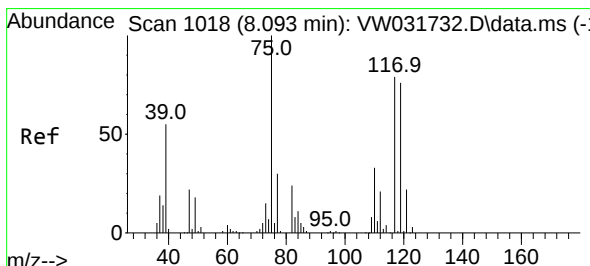
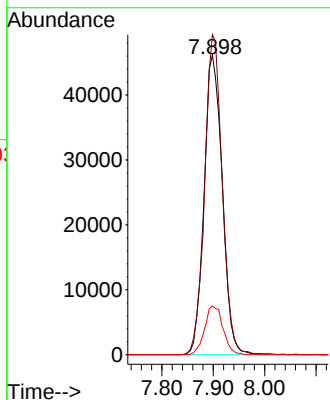
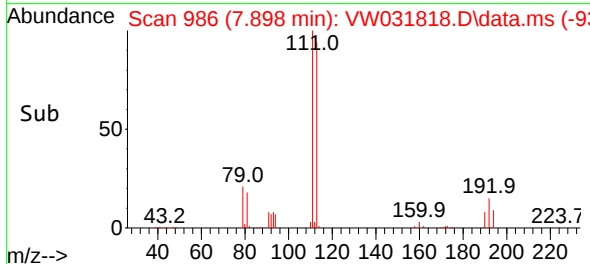


#35
Dibromofluoromethane
Concen: 48.606 ug/l
RT: 7.898 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW031818.D
Acq: 11 Jul 2025 14:18

Instrument :
MSVOA_W
ClientSampleId :

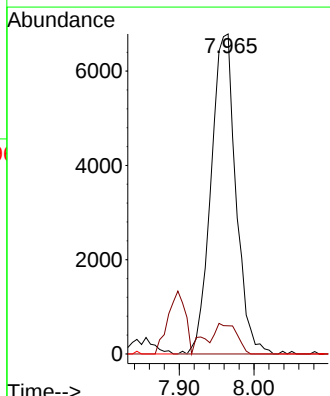
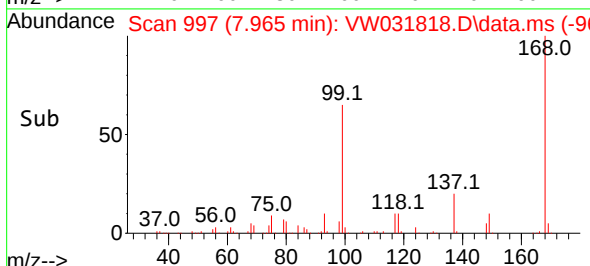
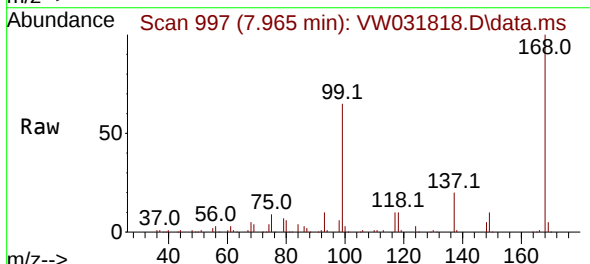


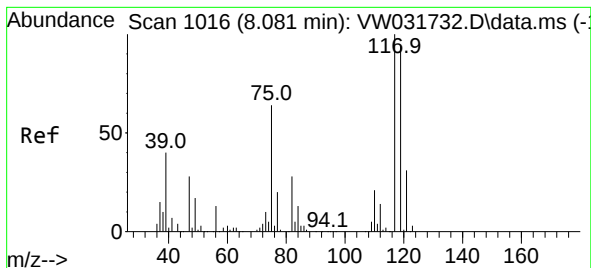
Tgt Ion:113 Resp: 113431
Ion Ratio Lower Upper
113 100
111 103.2 82.1 123.1
192 16.4 13.8 20.6



#36
1,1-Dichloropropene
Concen: 4.652 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.128 min
Lab File: VW031818.D
Acq: 11 Jul 2025 14:18

Tgt Ion: 75 Resp: 15711
Ion Ratio Lower Upper
75 100
110 8.3 16.8 50.4#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.632 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

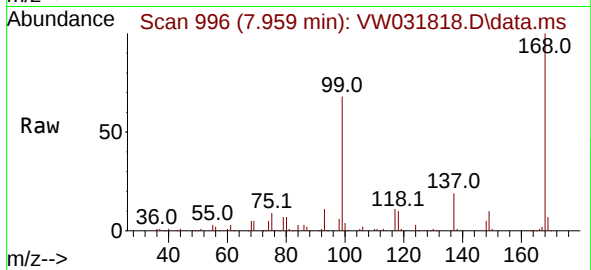
Lab File: VW031818.D

Acq: 11 Jul 2025 14:18

Instrument :

MSVOA_W

ClientSampleId :



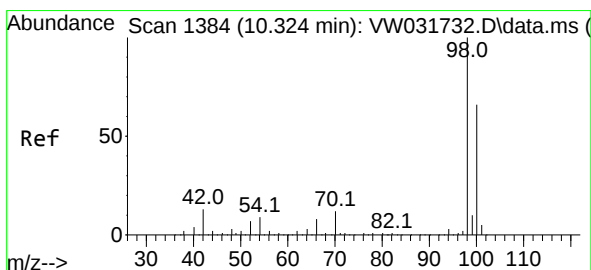
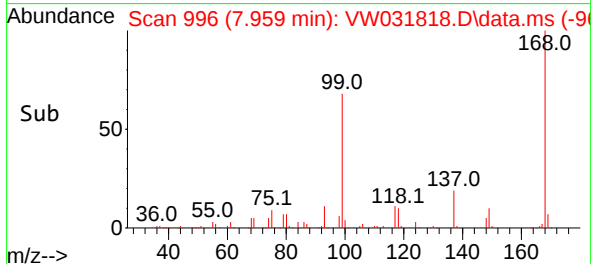
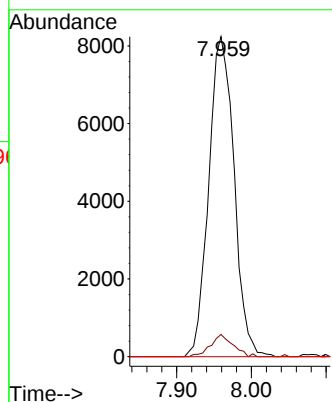
Tgt Ion:117 Resp: 19382

Ion Ratio Lower Upper

117 100

119 6.9 75.0 112.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 46.858 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031818.D

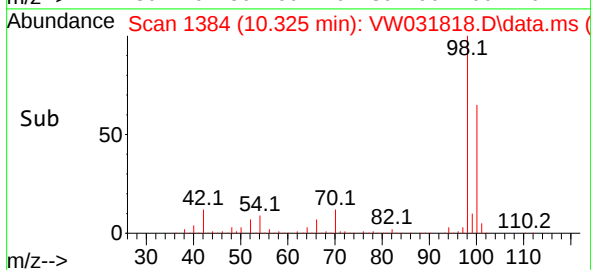
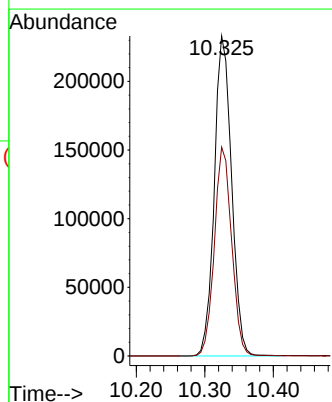
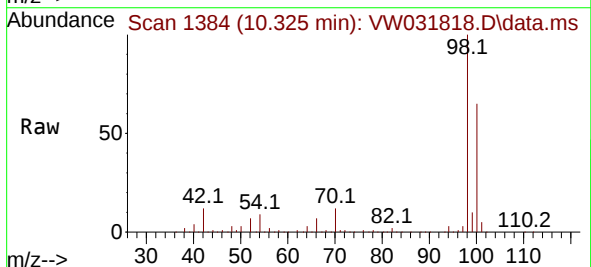
Acq: 11 Jul 2025 14:18

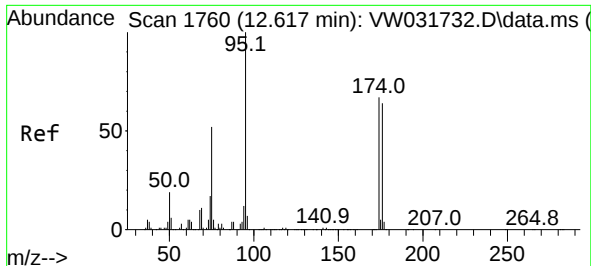
Tgt Ion: 98 Resp: 406941

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4

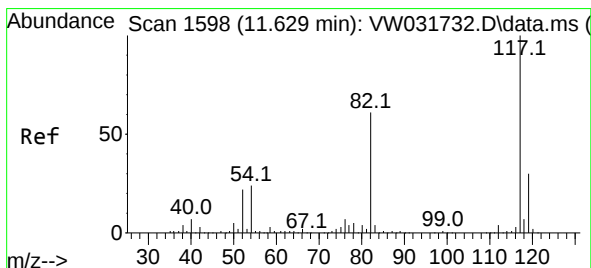
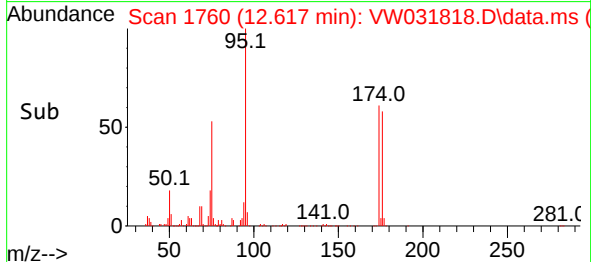
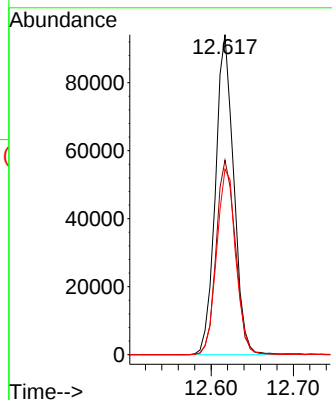
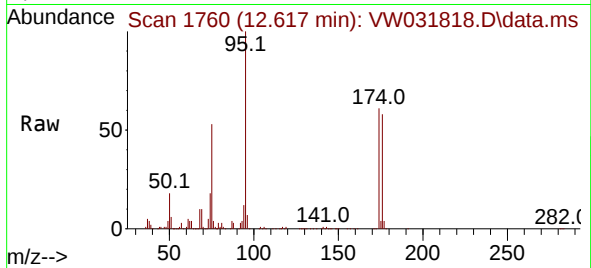




#62
4-Bromofluorobenzene
Concen: 45.615 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031818.D
Acq: 11 Jul 2025 14:18

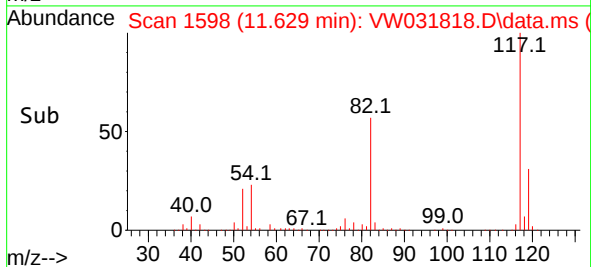
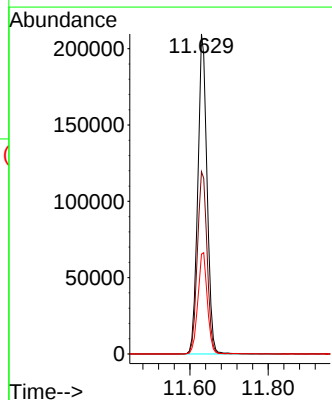
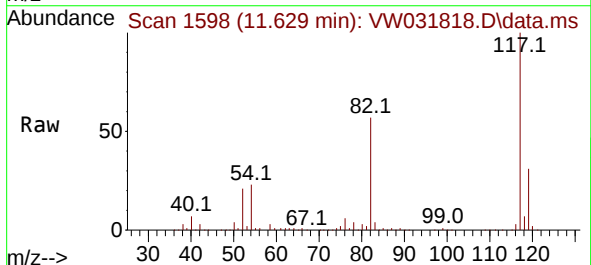
Instrument :
MSVOA_W
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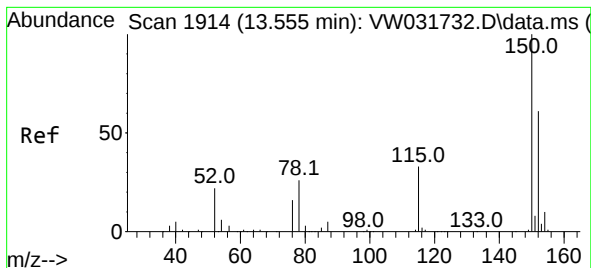
Tgt Ion: 95 Resp: 145784
Ion Ratio Lower Upper
95 100
174 64.0 0.0 133.8
176 60.8 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031818.D
Acq: 11 Jul 2025 14:18

Tgt Ion: 117 Resp: 345815
Ion Ratio Lower Upper
117 100
82 57.0 48.6 72.8
119 31.2 23.9 35.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031818.D

Acq: 11 Jul 2025 14:18

Instrument :

MSVOA_W

ClientSampleId :

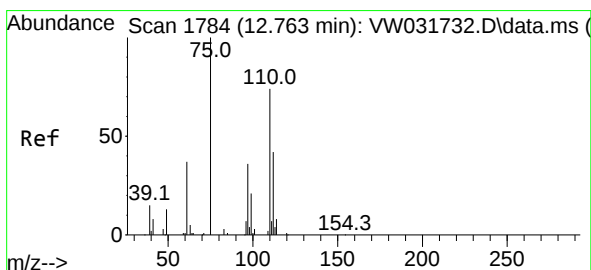
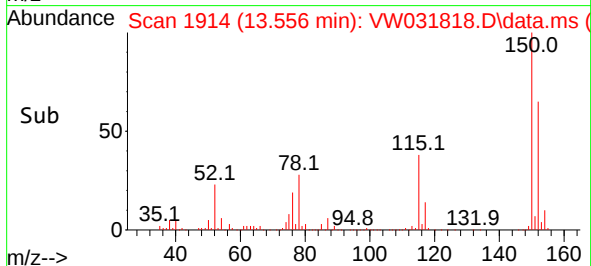
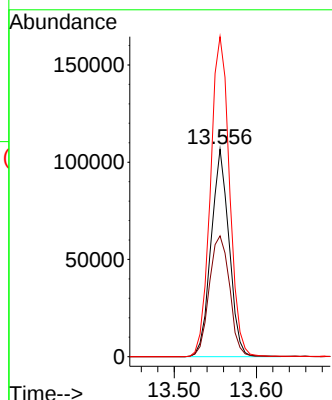
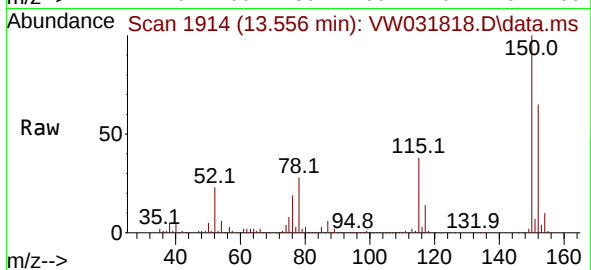
Tgt Ion:152 Resp: 162450

Ion Ratio Lower Upper

152 100

115 65.8 31.9 95.7

150 163.4 0.0 356.4



#76

1,2,3-Trichloropropane

Concen: 36.480 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. -0.146 min

Lab File: VW031818.D

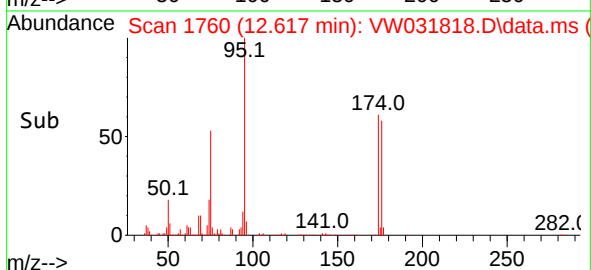
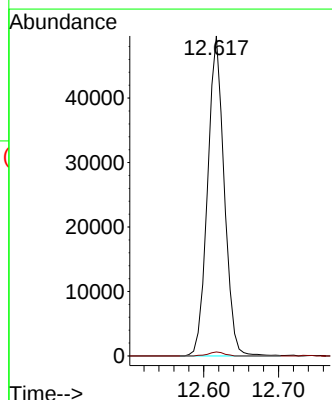
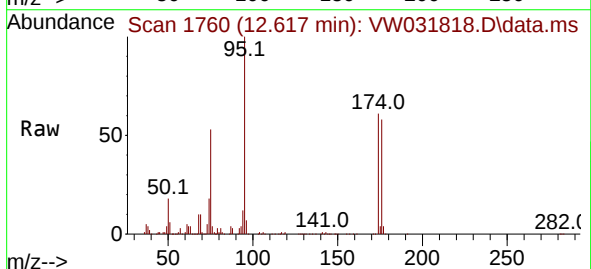
Acq: 11 Jul 2025 14:18

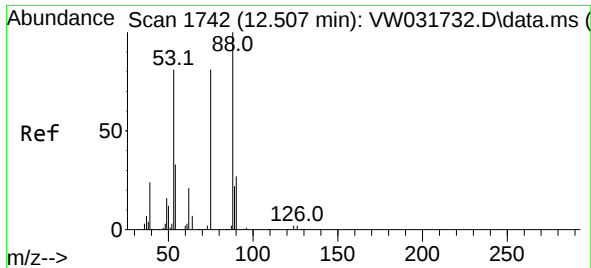
Tgt Ion: 75 Resp: 76582

Ion Ratio Lower Upper

75 100

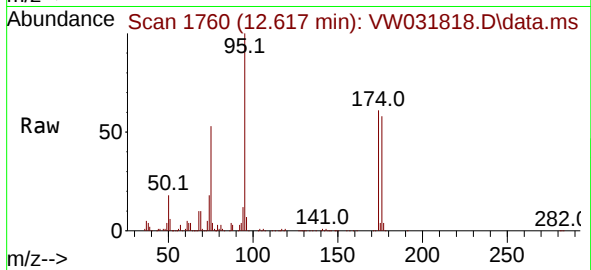
77 1.2 141.2 423.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.967 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW031818.D
 Acq: 11 Jul 2025 14:18

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	83.5	125.3#
89	0.0	38.3	57.5#

