

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031810.D
 Acq On : 10 Jul 2025 17:48
 Operator : SY/MD
 Sample : Q2543-02
 Misc : 7.88g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-49

Quant Time: Jul 11 02:24:48 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)

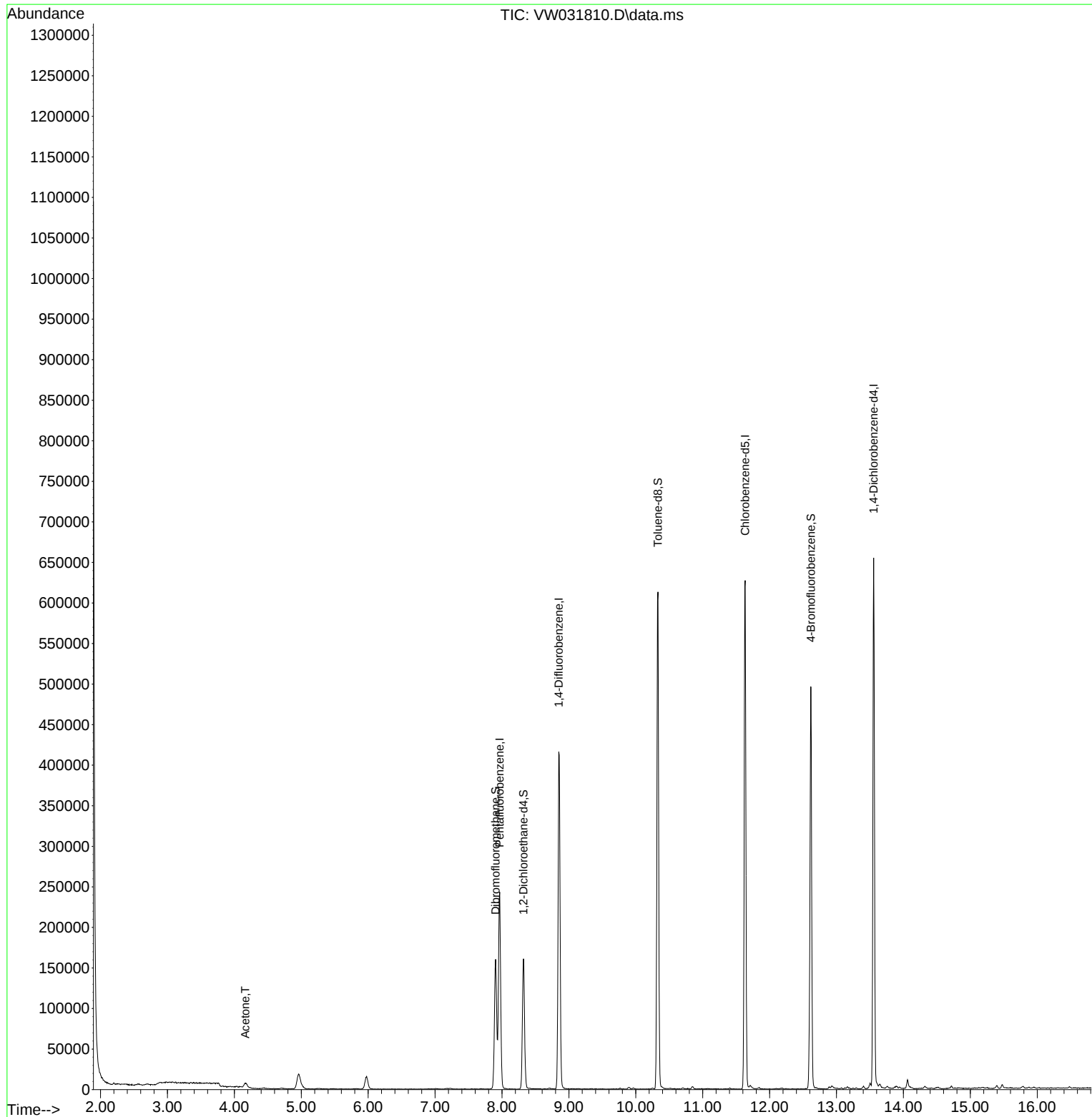
Internal Standards						
1) Pentafluorobenzene	7.965	168	160019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	352818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	344995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	157809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	135339	58.934	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	117.860%	
35) Dibromofluoromethane	7.904	113	115320	50.089	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	100.180%	
50) Toluene-d8	10.331	98	410989	47.969	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	95.940%	
62) 4-Bromofluorobenzene	12.617	95	162553	51.556	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	103.120%	
Target Compounds						
16) Acetone	4.161	43	9751	17.179	ug/l	Qvalue 92

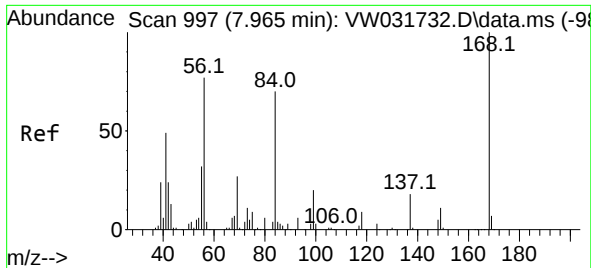
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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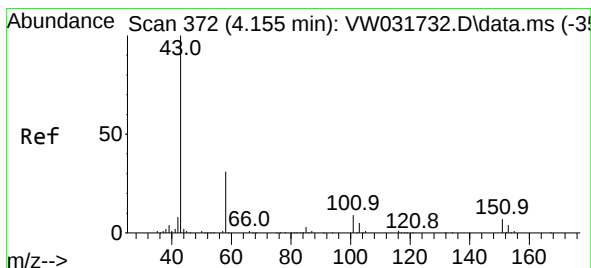
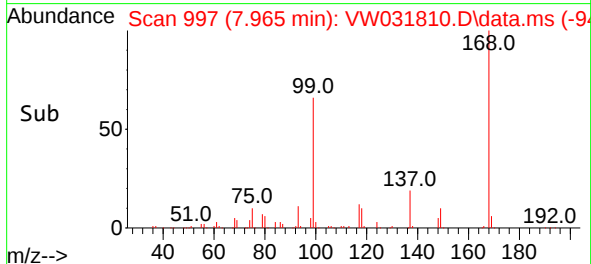
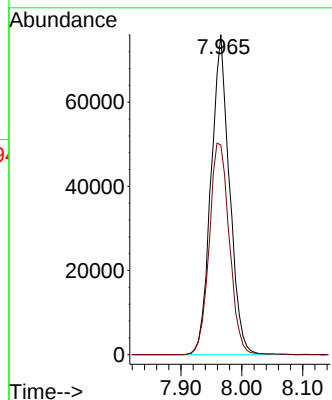
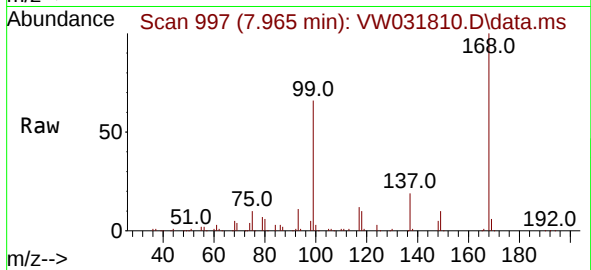




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031810.D
Acq: 10 Jul 2025 17:48

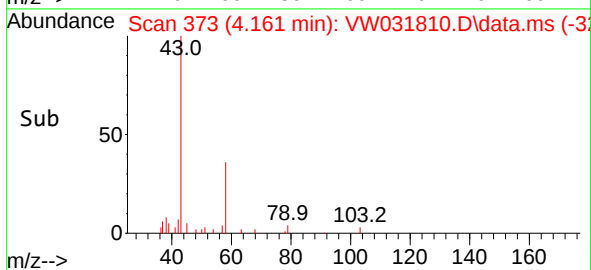
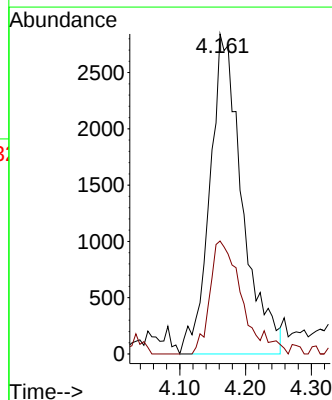
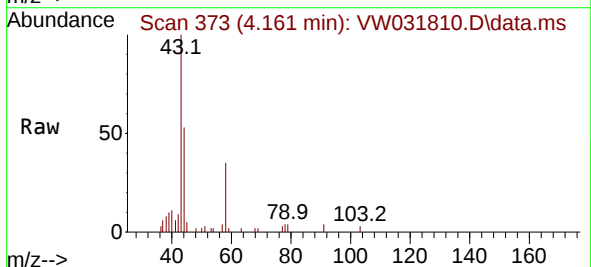
Instrument :
MSVOA_W
ClientSampleId :
TP-49

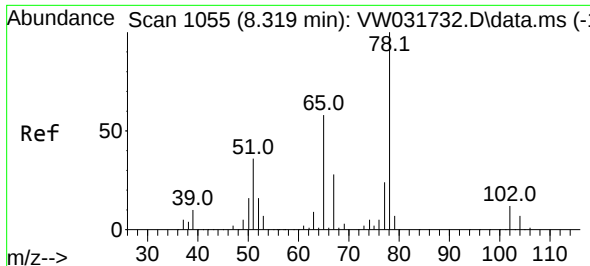
Tgt Ion:168 Resp: 160019
Ion Ratio Lower Upper
168 100
99 65.6 49.4 74.2



#16
Acetone
Concen: 17.179 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031810.D
Acq: 10 Jul 2025 17:48

Tgt Ion: 43 Resp: 9751
Ion Ratio Lower Upper
43 100
58 35.3 24.8 37.2

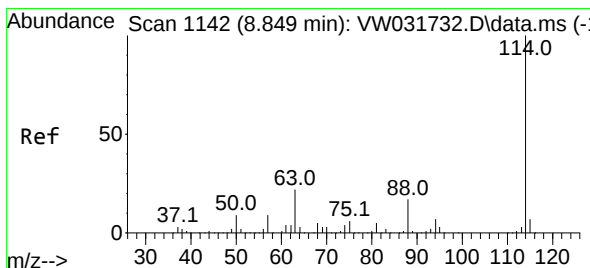
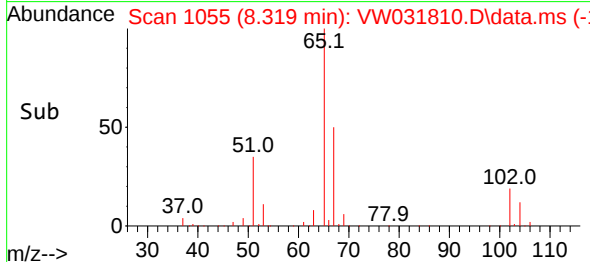
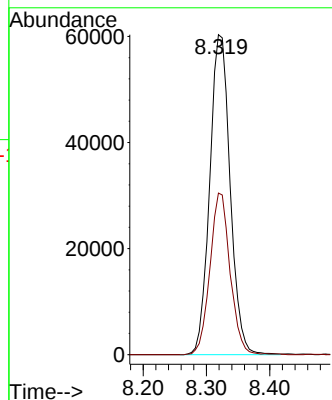
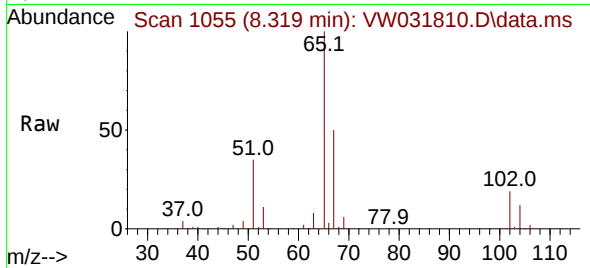




#33
 1,2-Dichloroethane-d4
 Concen: 58.934 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031810.D
 Acq: 10 Jul 2025 17:48

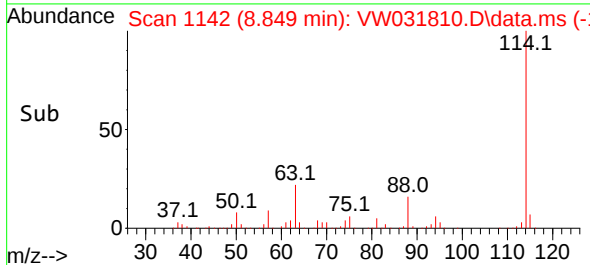
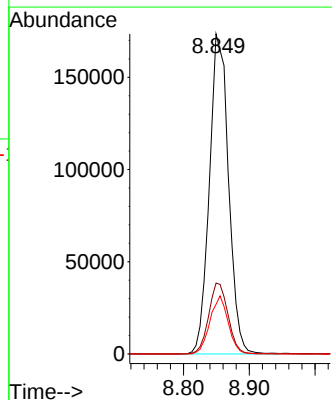
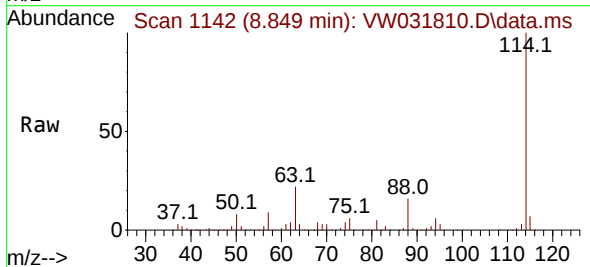
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-49

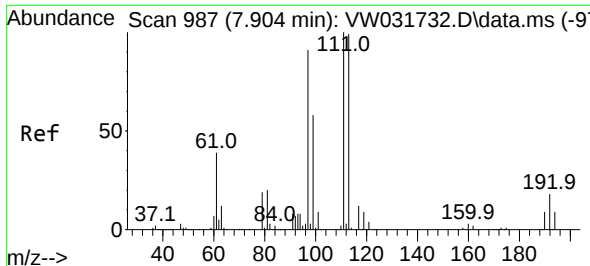
Tgt Ion: 65 Resp: 135339
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031810.D
 Acq: 10 Jul 2025 17:48

Tgt Ion: 114 Resp: 352818
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.6
 88 15.5 0.0 34.2

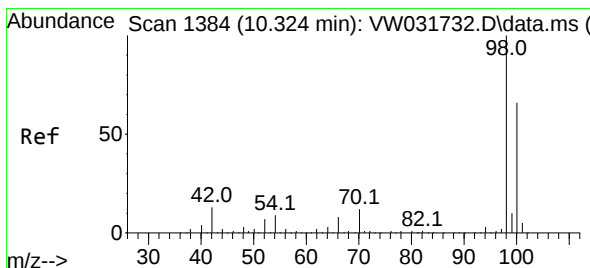
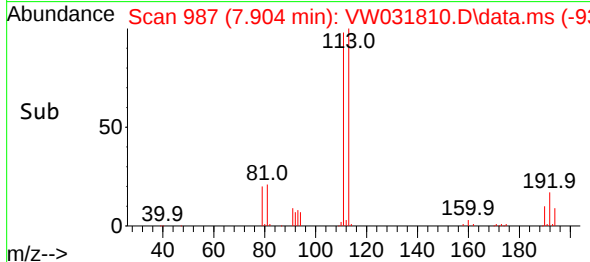
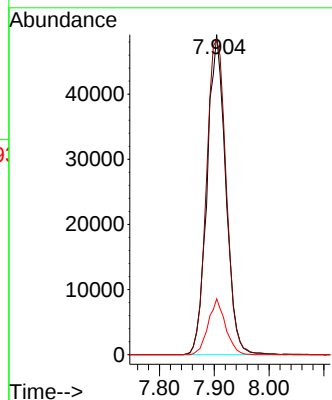
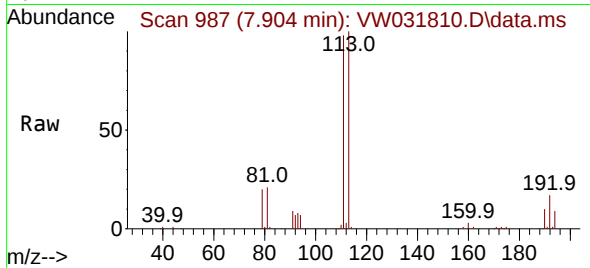




#35
 Dibromofluoromethane
 Concen: 50.089 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031810.D
 Acq: 10 Jul 2025 17:48

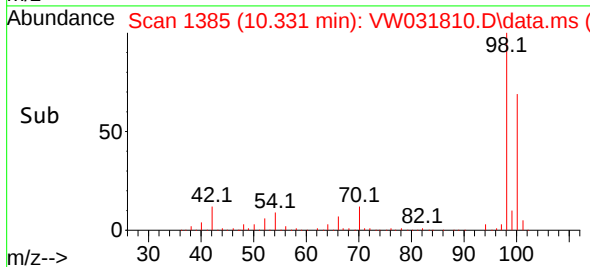
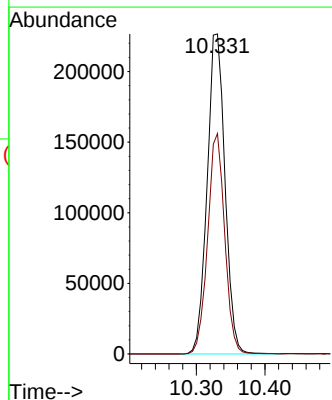
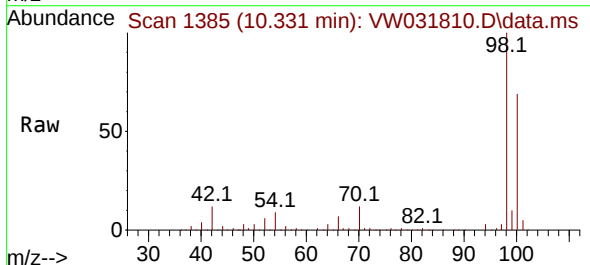
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-49

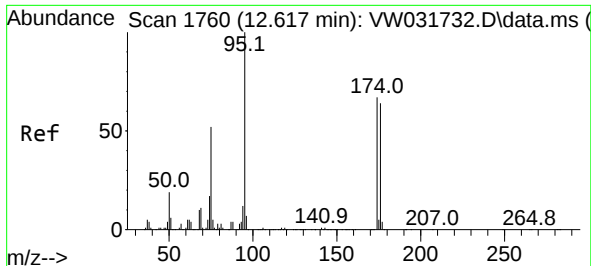
Tgt Ion:113 Resp: 115320
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.1 123.1
 192 16.2 13.8 20.6



#50
 Toluene-d8
 Concen: 47.969 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW031810.D
 Acq: 10 Jul 2025 17:48

Tgt Ion: 98 Resp: 410989
 Ion Ratio Lower Upper
 98 100
 100 65.7 53.0 79.4

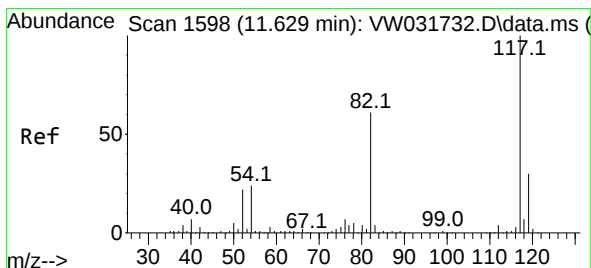
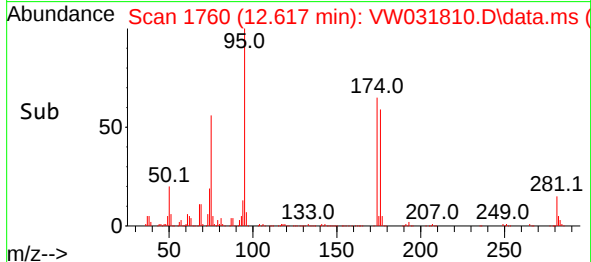
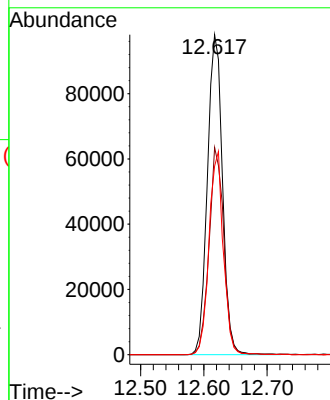
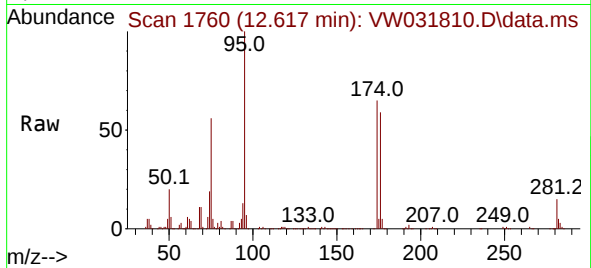




#62
4-Bromofluorobenzene
Concen: 51.556 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031810.D
Acq: 10 Jul 2025 17:48

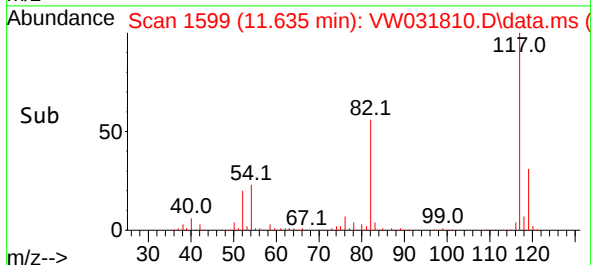
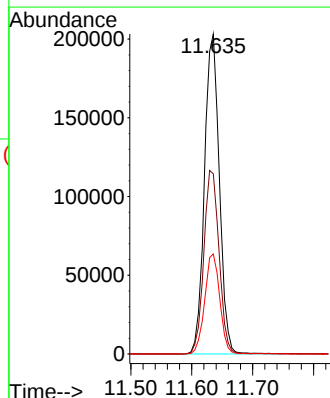
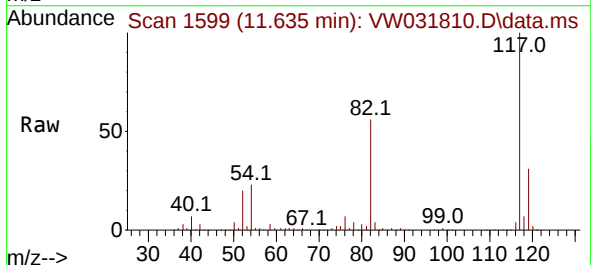
Instrument :
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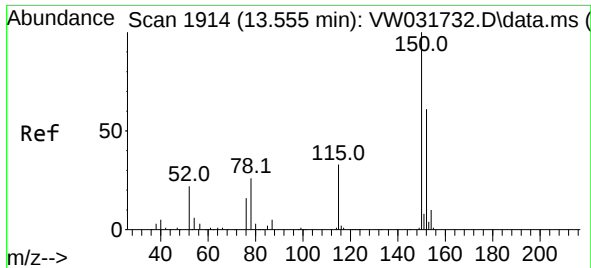
Tgt Ion: 95 Resp: 162553
Ion Ratio Lower Upper
95 100
174 63.5 0.0 133.8
176 60.5 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031810.D
Acq: 10 Jul 2025 17:48

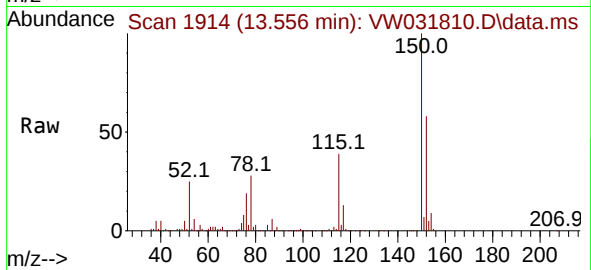
Tgt Ion: 117 Resp: 344995
Ion Ratio Lower Upper
117 100
82 56.3 48.6 72.8
119 31.3 23.9 35.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031810.D
 Acq: 10 Jul 2025 17:48

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-49



Tgt Ion:152 Resp: 157809

Ion	Ratio	Lower	Upper
152	100		
115	68.4	31.9	95.7
150	161.7	0.0	356.4

