

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032279.D
 Acq On : 26 Sep 2025 14:45
 Operator : SY/MD
 Sample : Q3216-02
 Misc : 5.05g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC

Quant Time: Sep 29 08:39:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

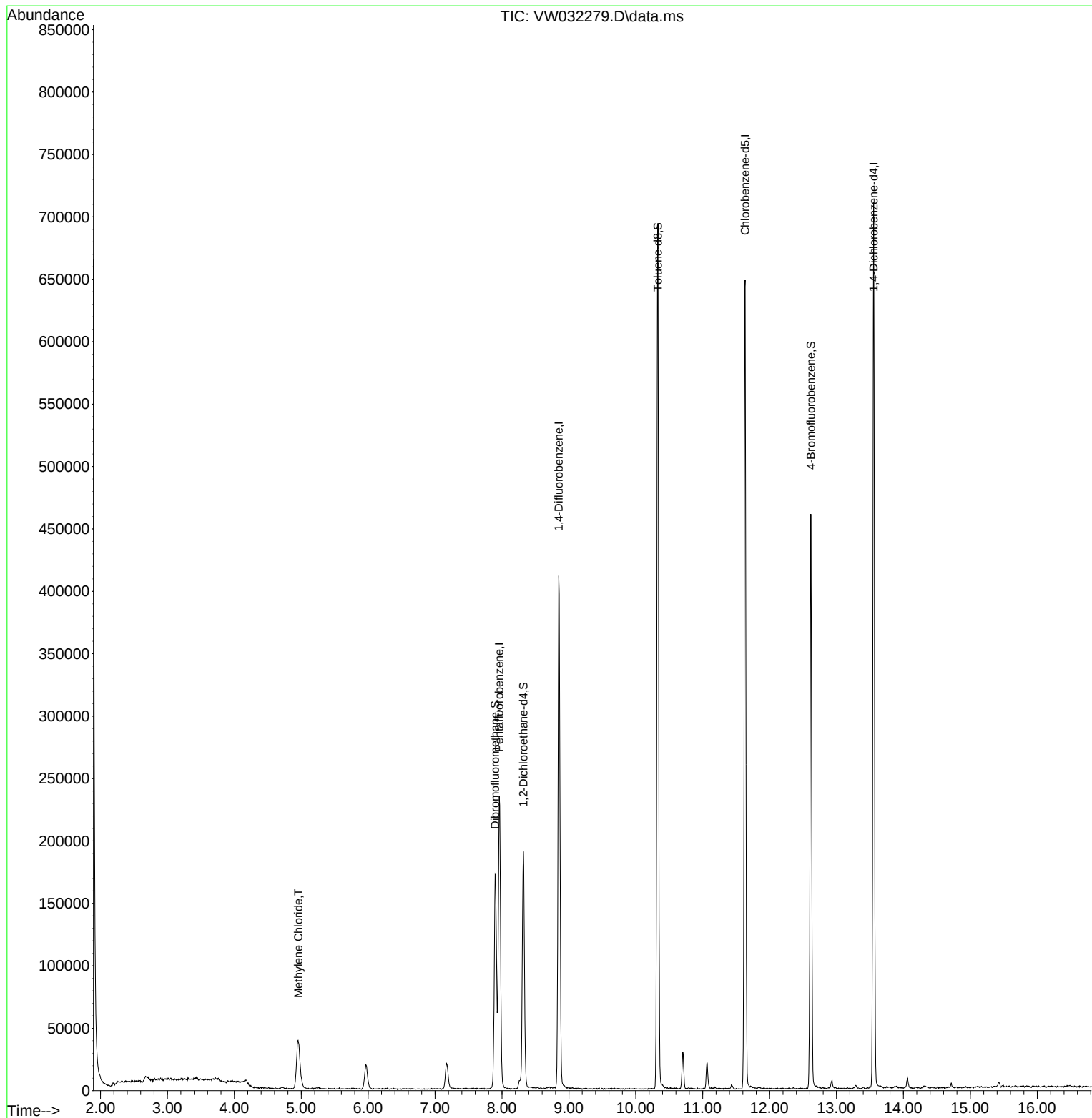
Internal Standards						
1) Pentafluorobenzene	7.959	168	162890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	351593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	356657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	175797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	154758	60.170	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 120.340%		
35) Dibromofluoromethane	7.898	113	131622	52.054	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 104.100%		
50) Toluene-d8	10.331	98	463728	50.887	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 101.780%		
62) 4-Bromofluorobenzene	12.617	95	159045	46.269	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 92.540%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.960	84	35144	8.460	ug/l	93

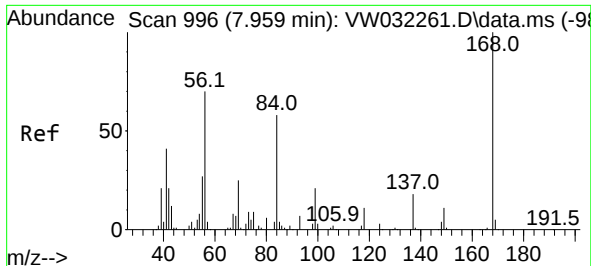
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032279.D
Acq On : 26 Sep 2025 14:45
Operator : SY/MD
Sample : Q3216-02
Misc : 5.05g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

Quant Time: Sep 29 08:39:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

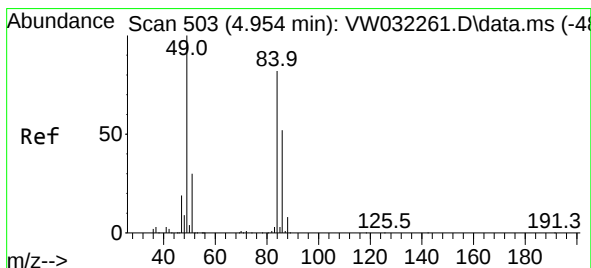
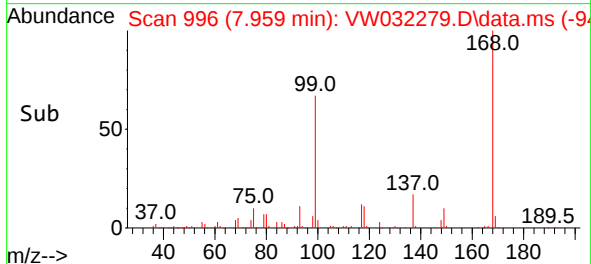
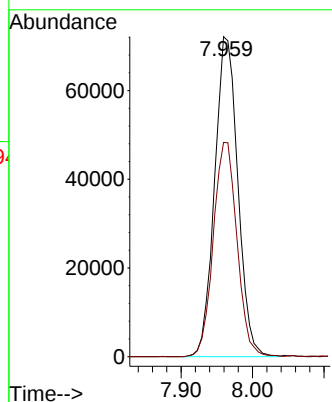
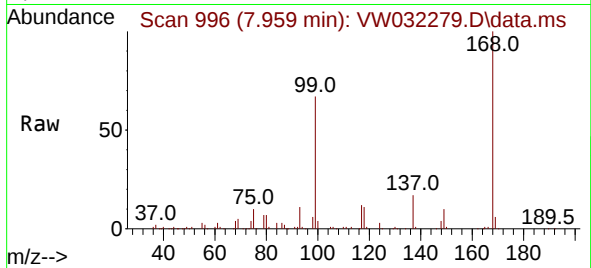




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032279.D
Acq: 26 Sep 2025 14:45

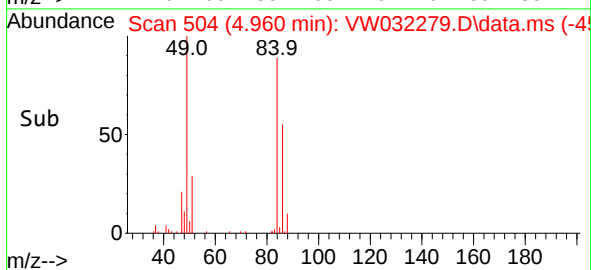
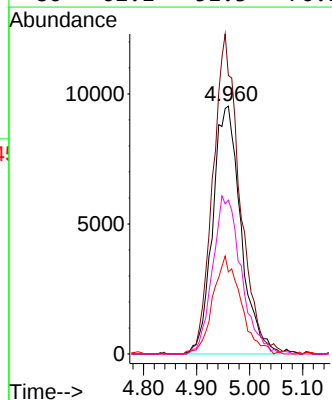
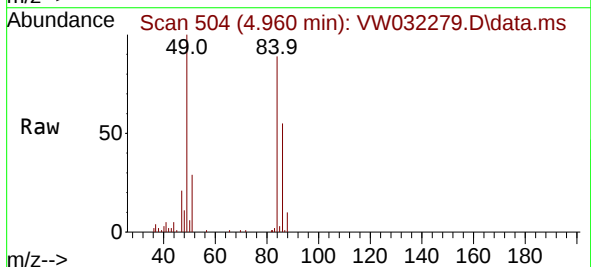
Instrument :
MSVOA_W
ClientSampleId :
VOC

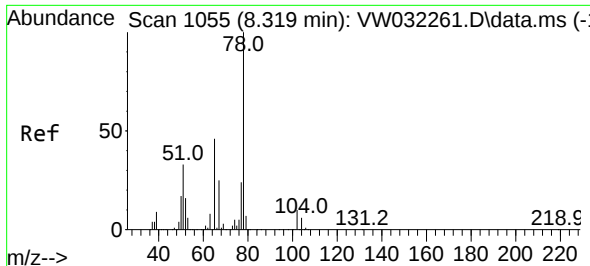
Tgt Ion:168 Resp: 162890
Ion Ratio Lower Upper
168 100
99 66.9 55.0 82.4



#20
Methylene Chloride
Concen: 8.460 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032279.D
Acq: 26 Sep 2025 14:45

Tgt Ion: 84 Resp: 35144
Ion Ratio Lower Upper
84 100
49 112.3 97.8 146.6
51 33.1 29.9 44.9
86 62.1 51.3 76.9

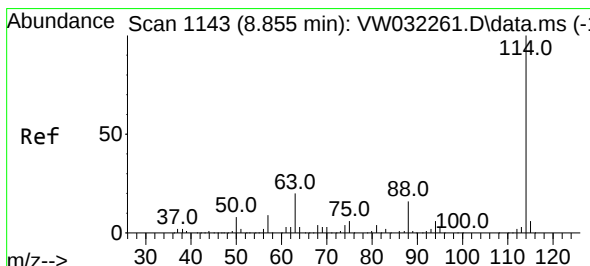
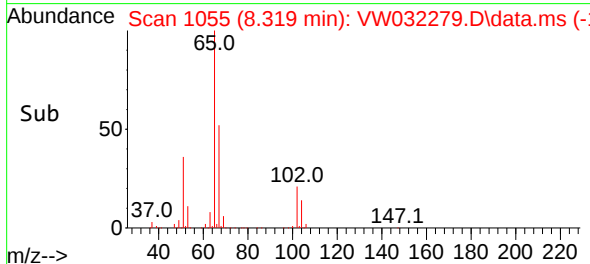
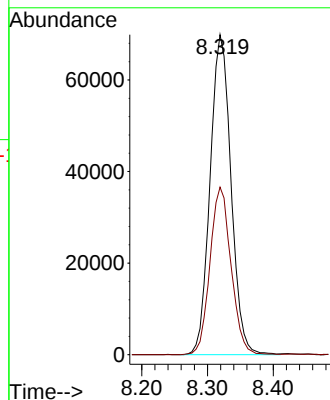
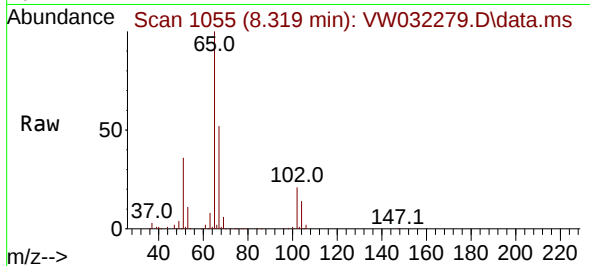




#33
 1,2-Dichloroethane-d4
 Concen: 60.170 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032279.D
 Acq: 26 Sep 2025 14:45

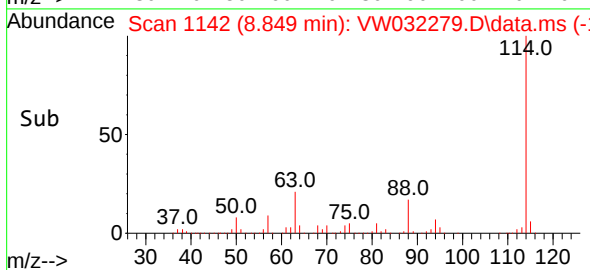
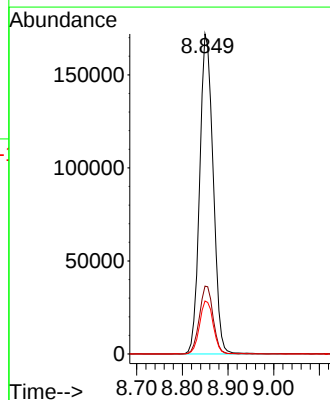
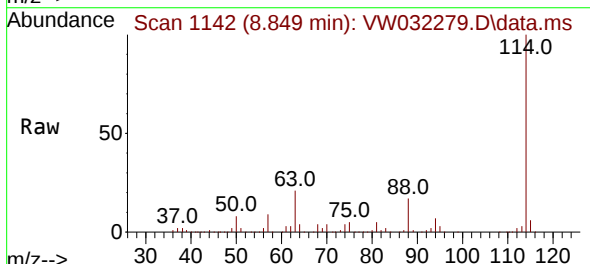
Instrument :
 MSVOA_W
 ClientSampleId :
 VOC

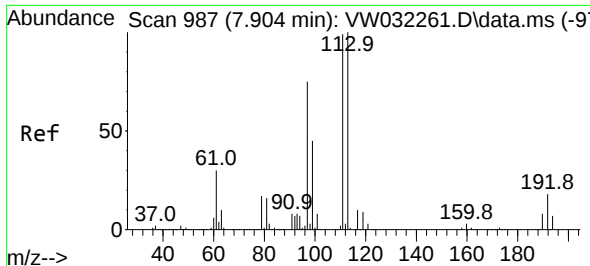
Tgt Ion: 65 Resp: 154758
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032279.D
 Acq: 26 Sep 2025 14:45

Tgt Ion: 114 Resp: 351593
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.2
 88 16.6 0.0 32.0

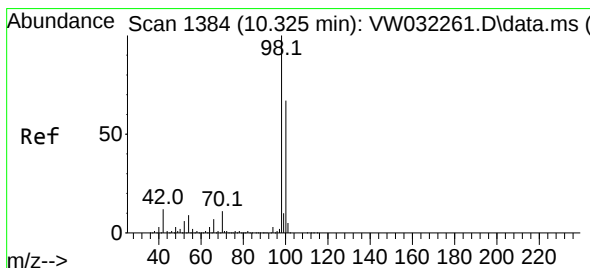
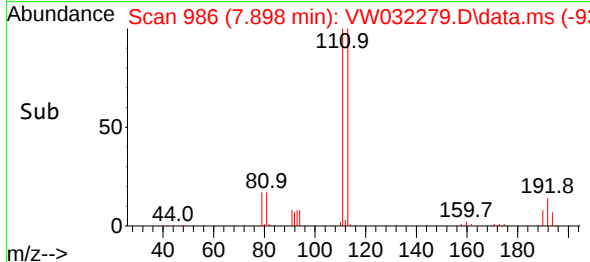
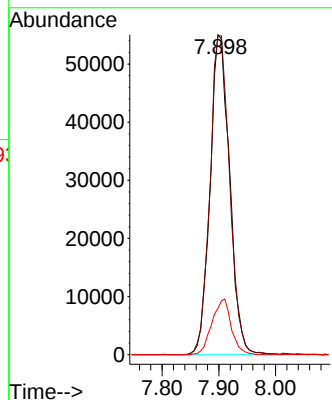
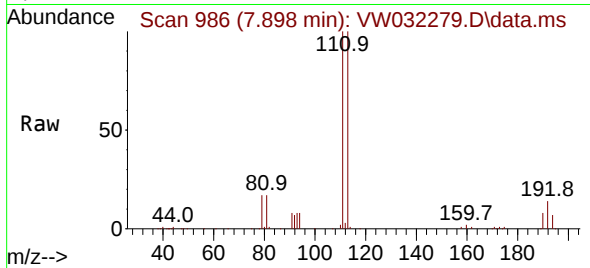




#35
 Dibromofluoromethane
 Concen: 52.054 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032279.D
 Acq: 26 Sep 2025 14:45

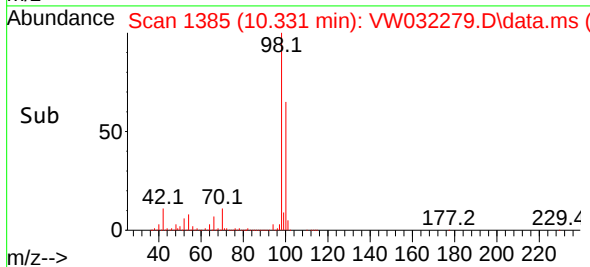
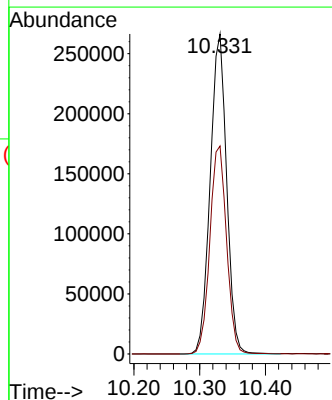
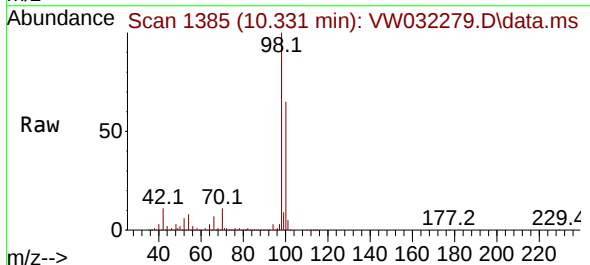
Instrument :
 MSVOA_W
 ClientSampleId :
 VOC

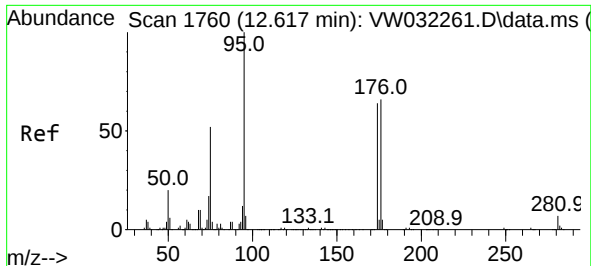
Tgt Ion:113 Resp: 131622
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.8 122.8
 192 17.2 13.0 19.4



#50
 Toluene-d8
 Concen: 50.887 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW032279.D
 Acq: 26 Sep 2025 14:45

Tgt Ion: 98 Resp: 463728
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.0 79.4

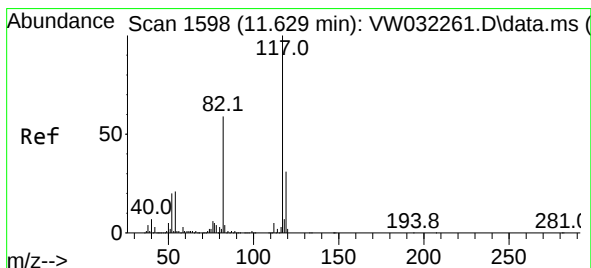
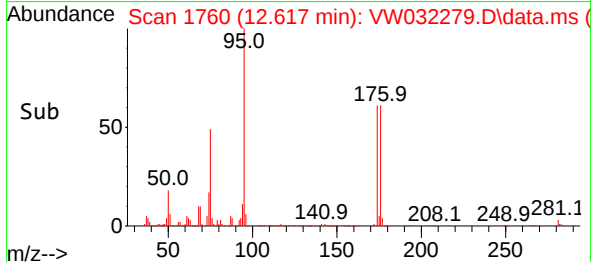
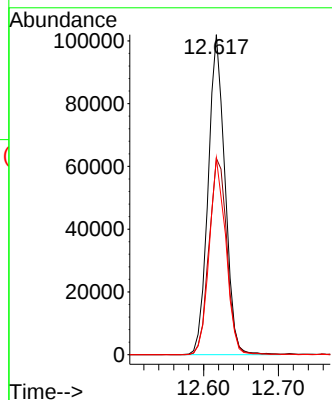
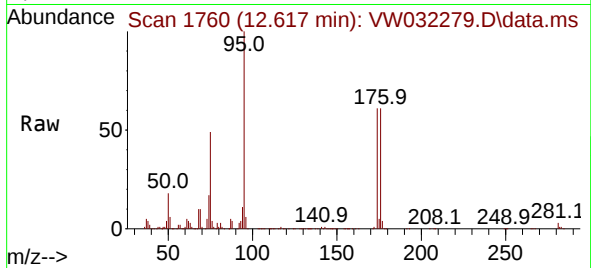




#62
4-Bromofluorobenzene
Concen: 46.269 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032279.D
Acq: 26 Sep 2025 14:45

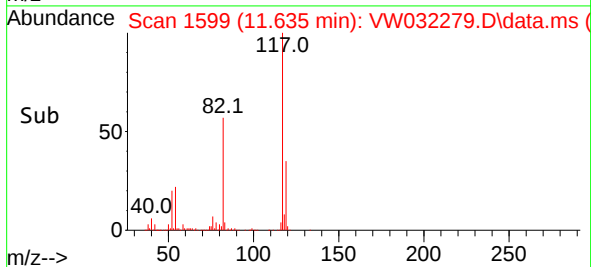
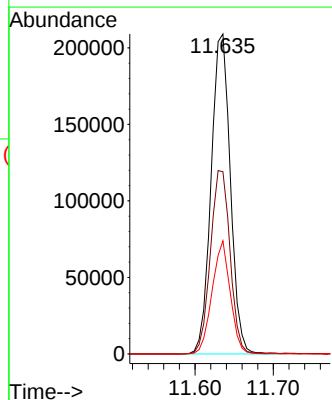
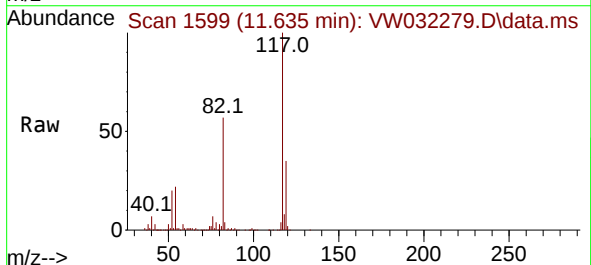
Instrument :
MSVOA_W
ClientSampleId :
VOC

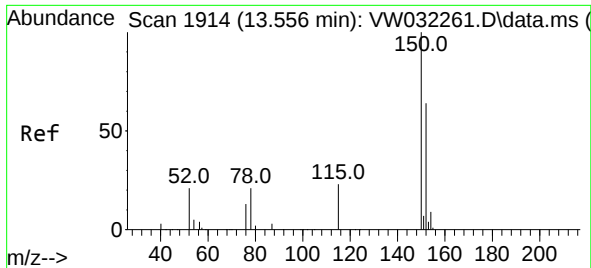
Tgt Ion: 95 Resp: 159045
Ion Ratio Lower Upper
95 100
174 65.8 0.0 130.6
176 60.8 0.0 127.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032279.D
Acq: 26 Sep 2025 14:45

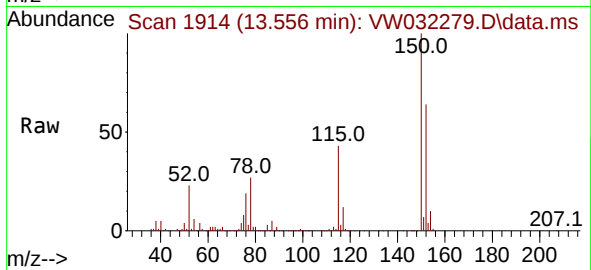
Tgt Ion: 117 Resp: 356657
Ion Ratio Lower Upper
117 100
82 57.0 46.9 70.3
119 35.4 24.9 37.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032279.D
 Acq: 26 Sep 2025 14:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC



Tgt Ion:152 Resp: 175797
 Ion Ratio Lower Upper
 152 100
 115 65.7 32.5 97.5
 150 158.2 0.0 370.2

