

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091525\
 Data File : VW032177.D
 Acq On : 15 Sep 2025 16:11
 Operator : SY/MD
 Sample : Q3106-03
 Misc : 5.07g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-09152025

Quant Time: Sep 16 06:38:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

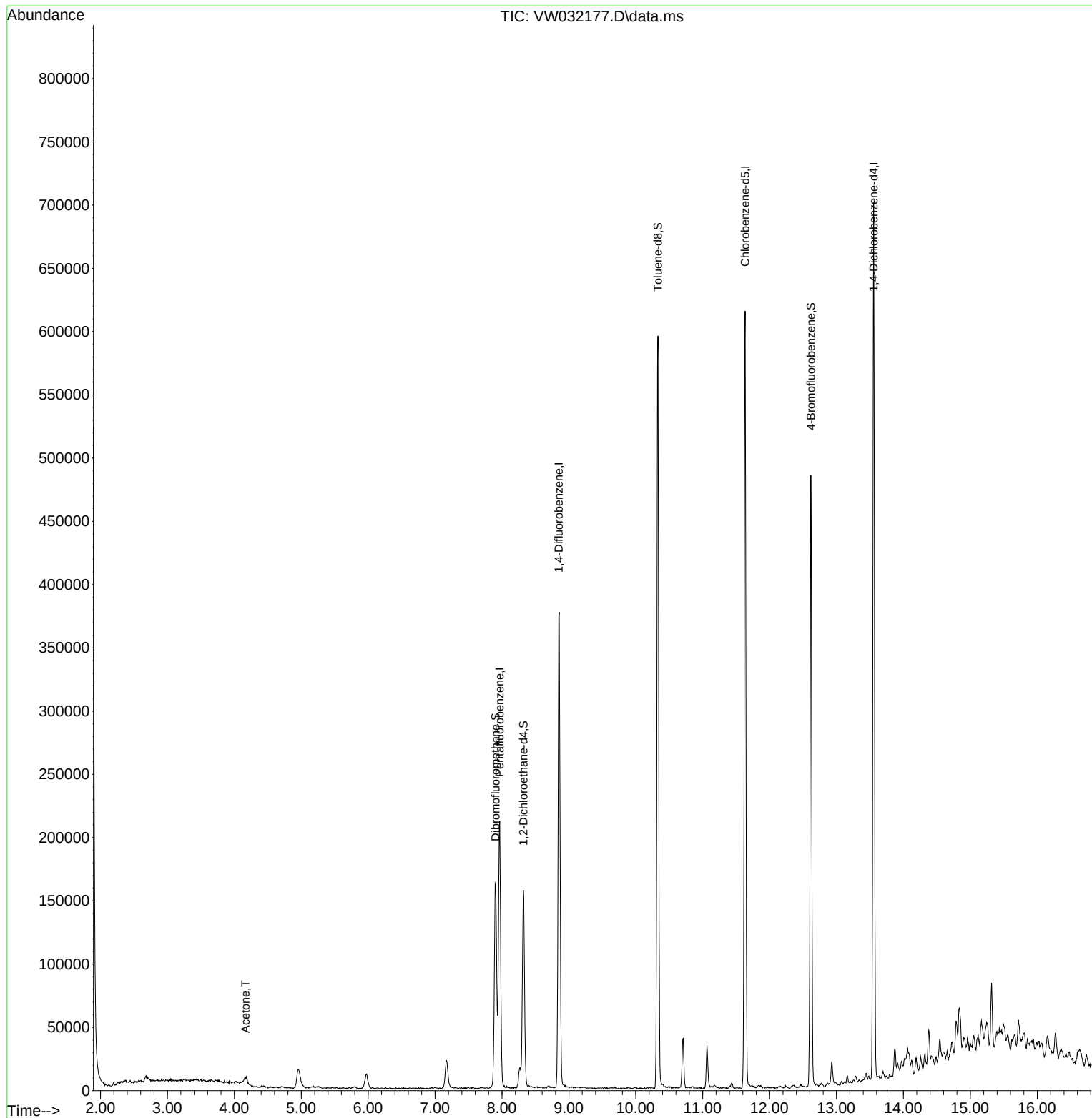
Internal Standards						
1) Pentafluorobenzene	7.965	168	147793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	315036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	334057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	172777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	130434	61.711	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 123.420%		
35) Dibromofluoromethane	7.904	113	119755	54.181	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 108.360%		
50) Toluene-d8	10.331	98	383202	49.387	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 98.780%		
62) 4-Bromofluorobenzene	12.617	95	152154	53.030	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 106.060%		
Target Compounds						
16) Acetone	4.167	43	10014	21.876	ug/l	Qvalue 95

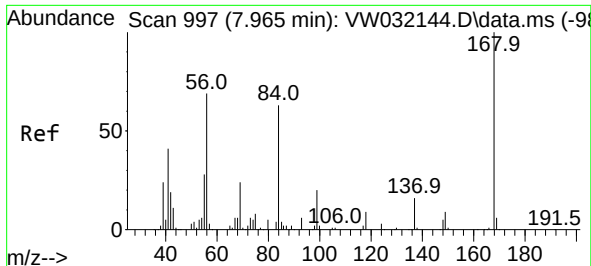
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091525\
Data File : VW032177.D
Acq On : 15 Sep 2025 16:11
Operator : SY/MD
Sample : Q3106-03
Misc : 5.07g/5mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NB-08-09152025

Quant Time: Sep 16 06:38:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

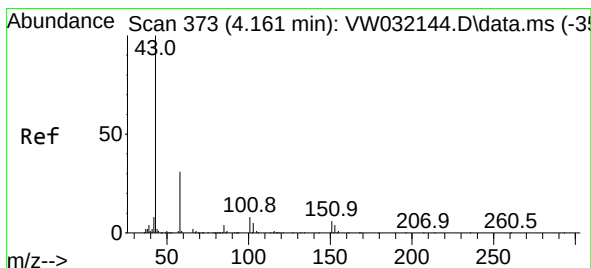
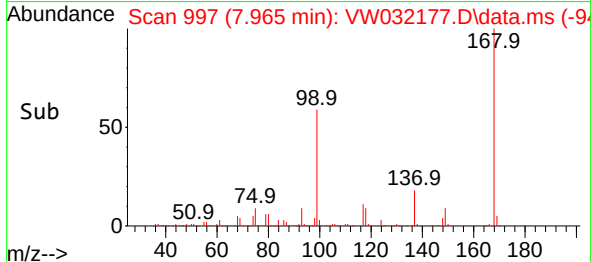
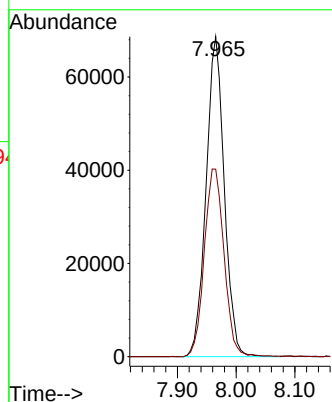
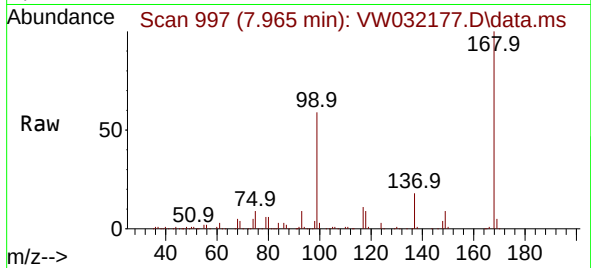




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:11

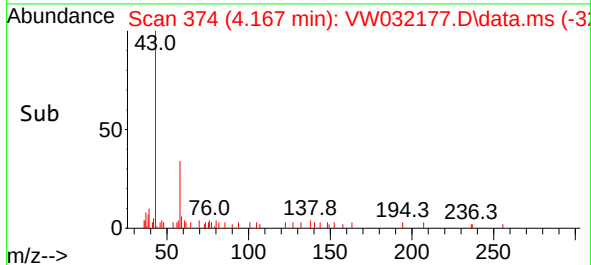
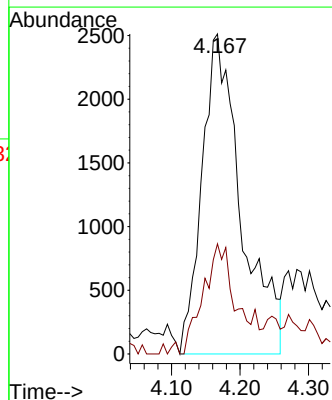
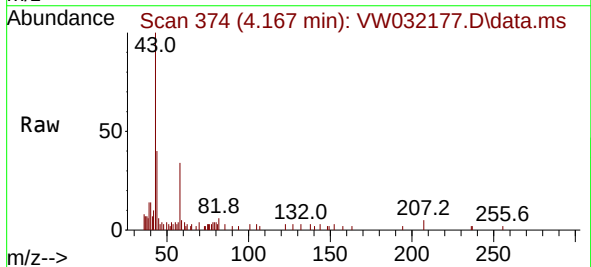
Instrument :
MSVOA_W
ClientSampleId :
NB-08-09152025

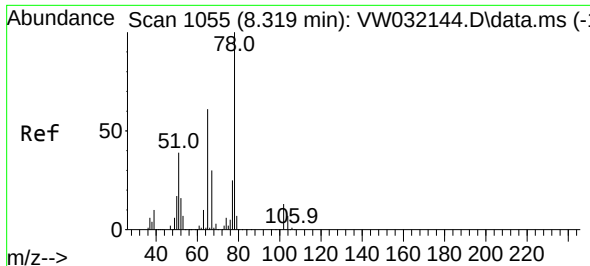
Tgt Ion:168 Resp: 147793
Ion Ratio Lower Upper
168 100
99 58.6 49.3 73.9



#16
Acetone
Concen: 21.876 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:11

Tgt Ion: 43 Resp: 10014
Ion Ratio Lower Upper
43 100
58 34.4 25.3 37.9

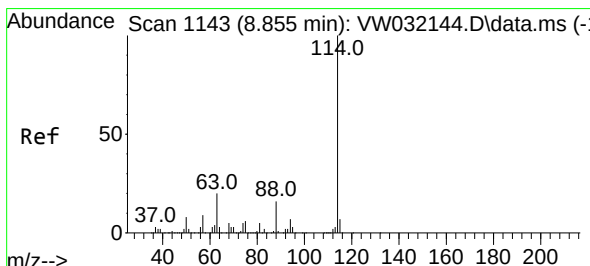
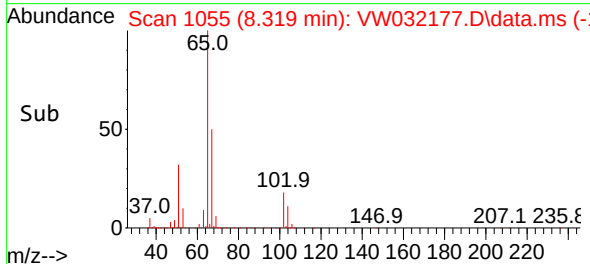
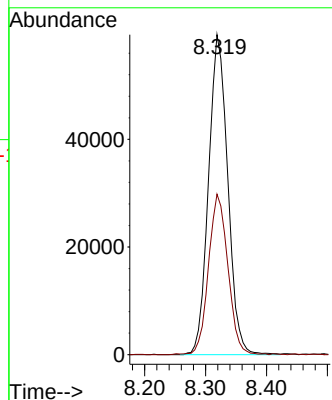
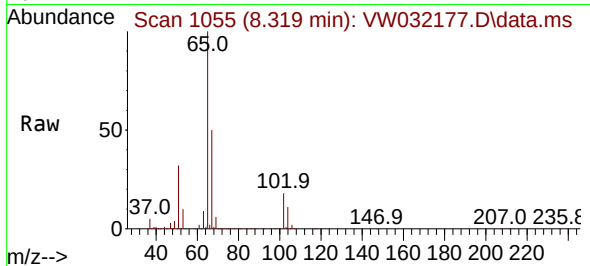




#33
 1,2-Dichloroethane-d4
 Concen: 61.711 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032177.D
 Acq: 15 Sep 2025 16:11

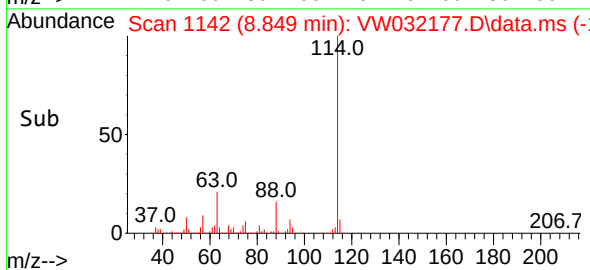
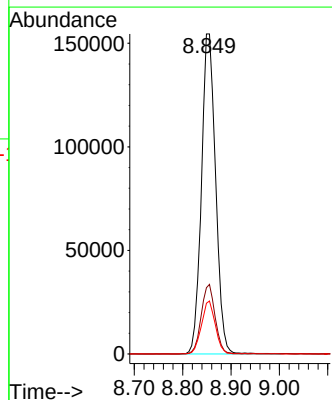
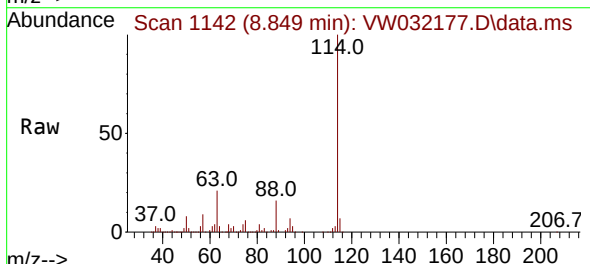
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-09152025

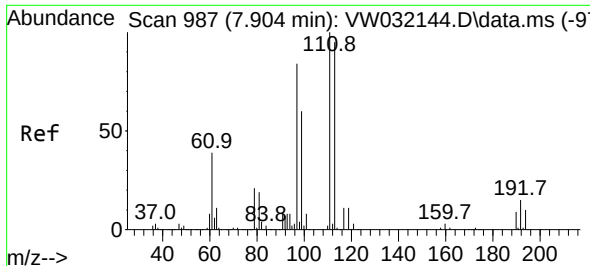
Tgt Ion: 65 Resp: 130434
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032177.D
 Acq: 15 Sep 2025 16:11

Tgt Ion: 114 Resp: 315036
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.4
 88 15.9 0.0 32.0

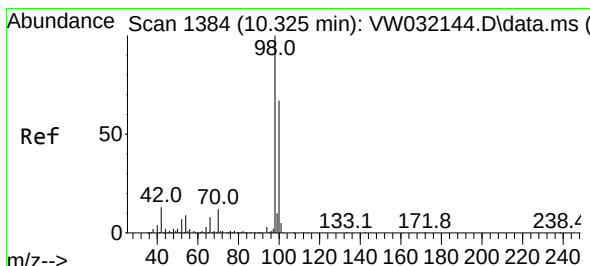
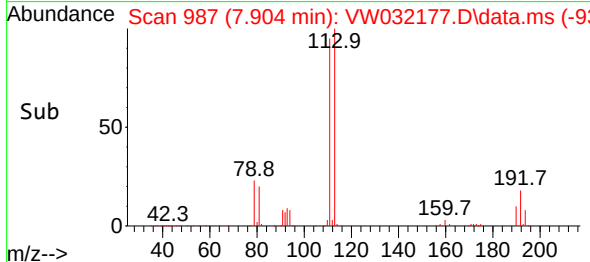
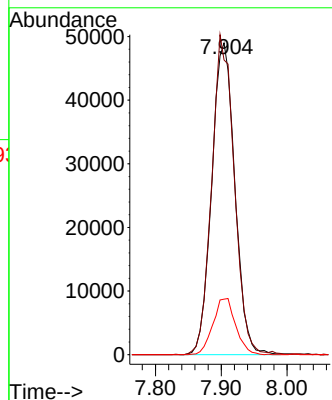
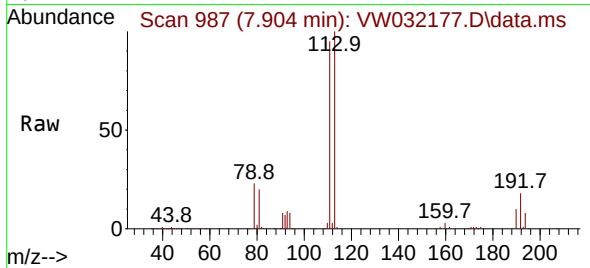




#35
 Dibromofluoromethane
 Concen: 54.181 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032177.D
 Acq: 15 Sep 2025 16:11

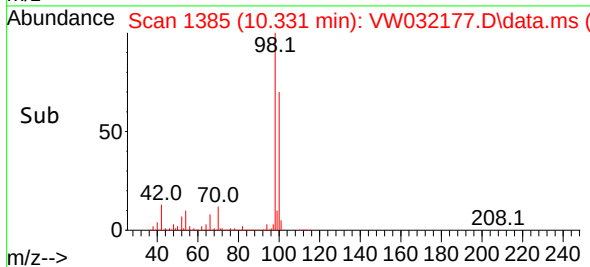
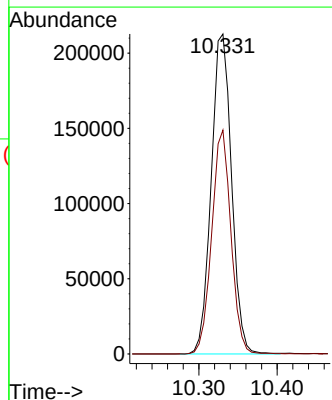
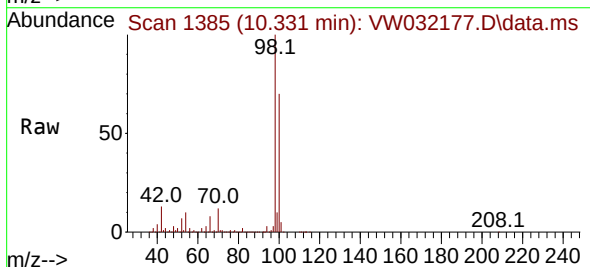
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-09152025

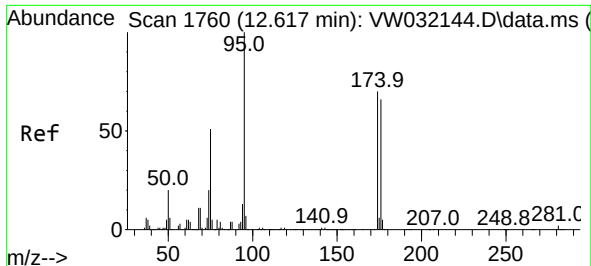
Tgt Ion:113 Resp: 119755
 Ion Ratio Lower Upper
 113 100
 111 100.3 83.9 125.9
 192 17.7 14.6 21.8



#50
 Toluene-d8
 Concen: 49.387 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW032177.D
 Acq: 15 Sep 2025 16:11

Tgt Ion: 98 Resp: 383202
 Ion Ratio Lower Upper
 98 100
 100 66.2 51.4 77.2

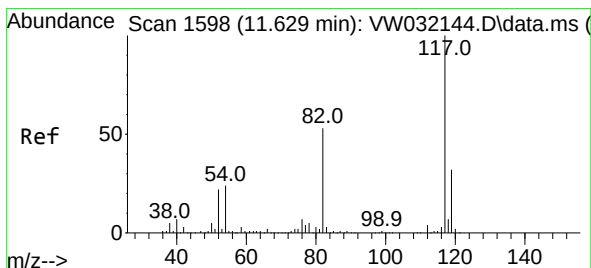
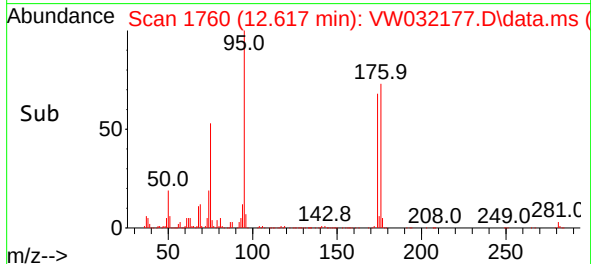
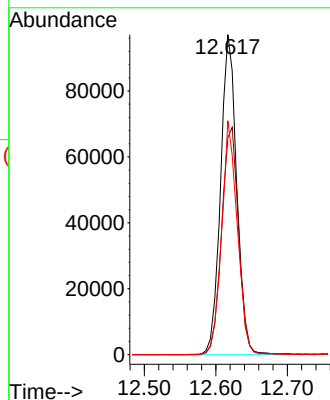
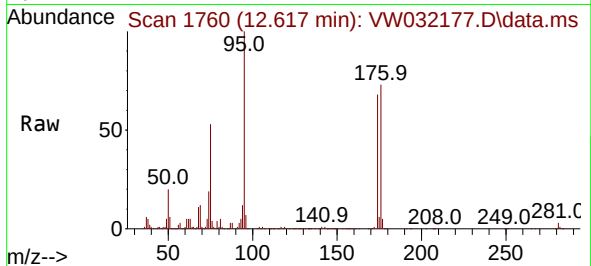




#62
4-Bromofluorobenzene
Concen: 53.030 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:11

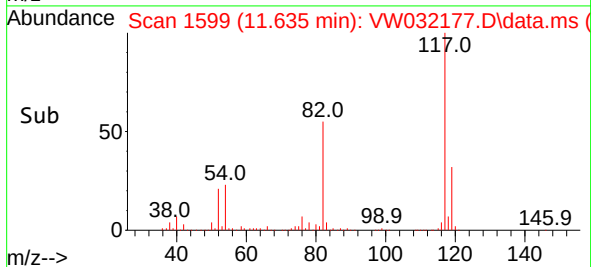
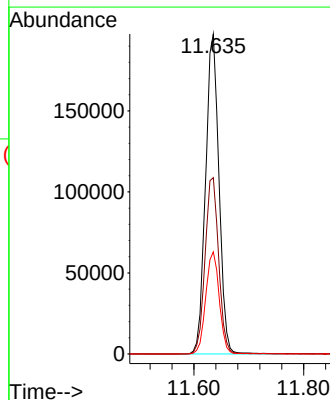
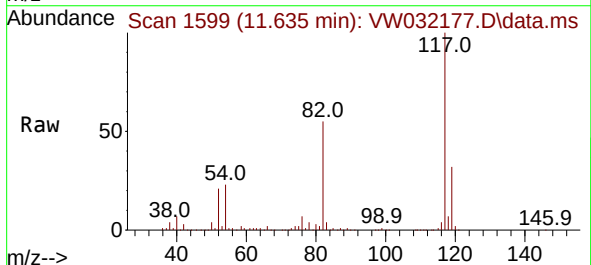
Instrument :
MSVOA_W
ClientSampleId :
NB-08-09152025

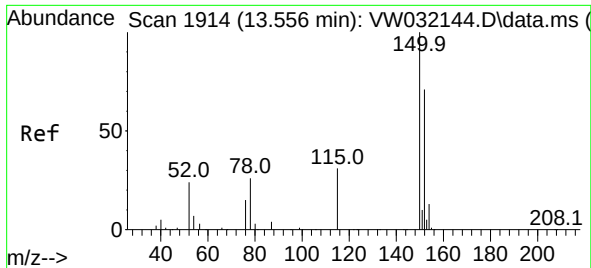
Tgt Ion: 95 Resp: 152154
Ion Ratio Lower Upper
95 100
174 74.9 0.0 145.6
176 71.4 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:11

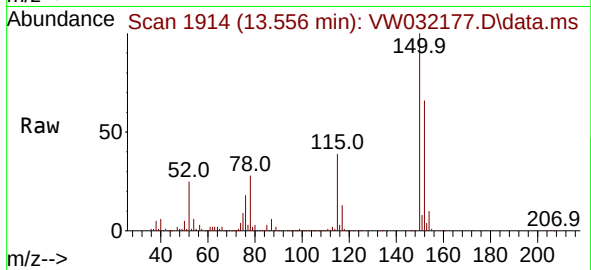
Tgt Ion: 117 Resp: 334057
Ion Ratio Lower Upper
117 100
82 55.1 42.7 64.1
119 31.9 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032177.D
 Acq: 15 Sep 2025 16:11

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-09152025



Tgt Ion:	152	Resp:	172777
Ion Ratio	Lower	Upper	
152	100		
115	62.4	31.8	95.4
150	157.2	0.0	343.0

