

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031808.D
 Acq On : 10 Jul 2025 17:04
 Operator : SY/MD
 Sample : Q2551-02
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-204

Quant Time: Jul 11 02:23:57 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)

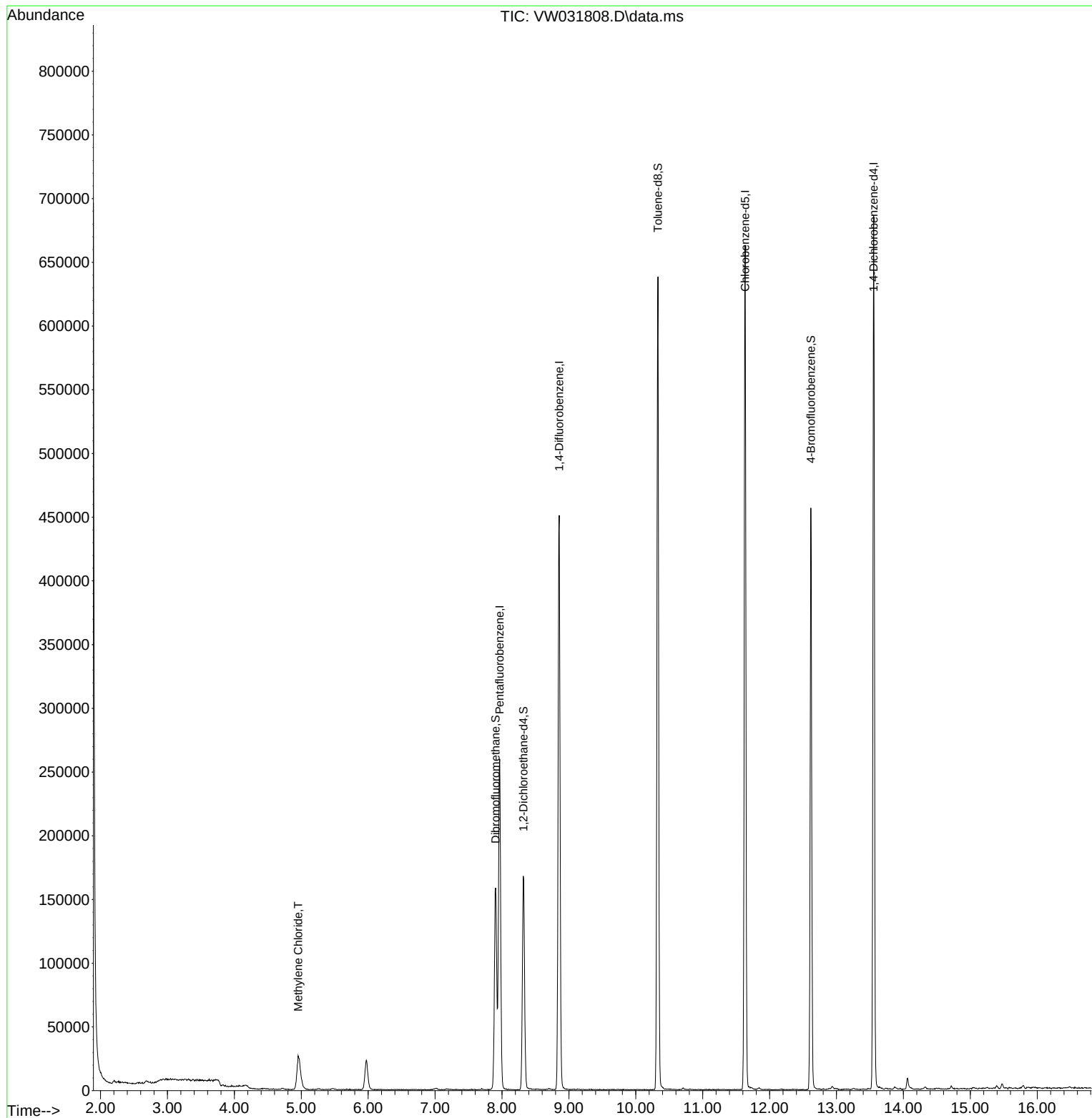
Internal Standards						
1) Pentafluorobenzene	7.965	168	181265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	378090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	359421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	169424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	141882	54.542	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	109.080%	
35) Dibromofluoromethane	7.904	113	119618	48.483	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	96.960%	
50) Toluene-d8	10.331	98	423310	46.105	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	92.200%	
62) 4-Bromofluorobenzene	12.617	95	158037	46.773	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	93.540%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.954	84	24311	5.483	ug/l	92

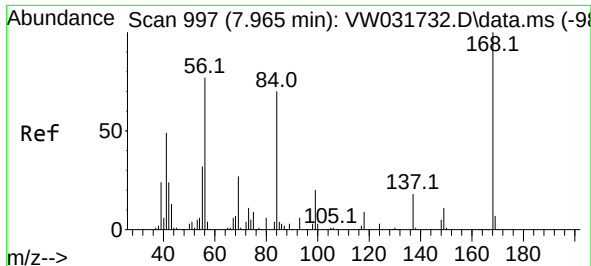
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
Data File : VW031808.D
Acq On : 10 Jul 2025 17:04
Operator : SY/MD
Sample : Q2551-02
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VNJ-204

Quant Time: Jul 11 02:23:57 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

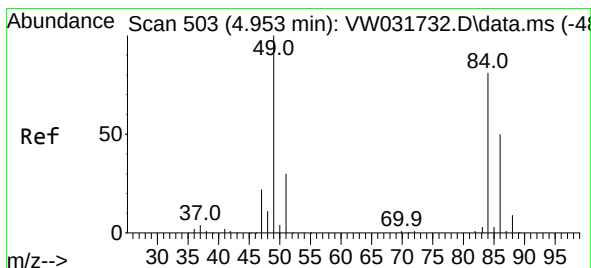
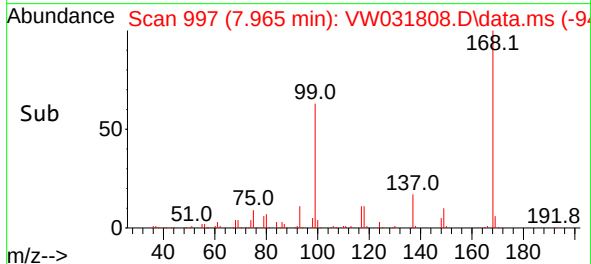
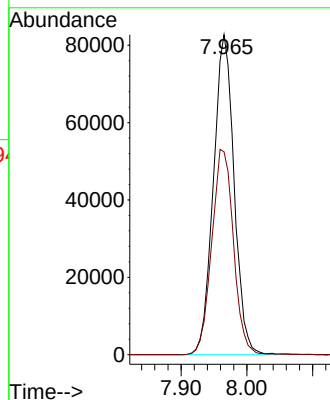
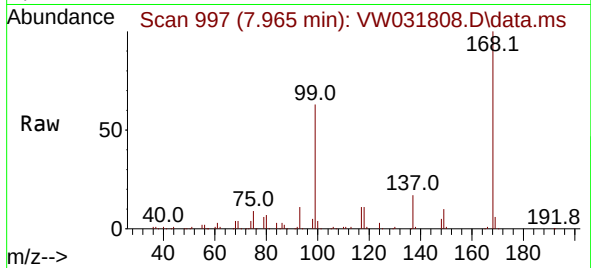




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

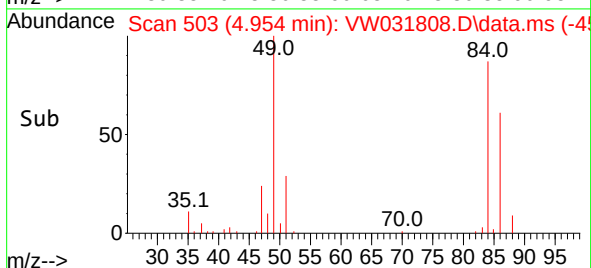
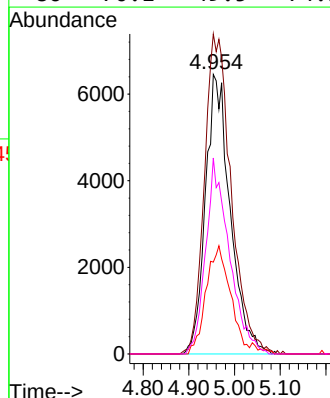
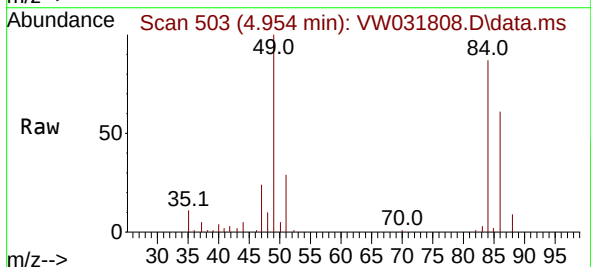
Instrument :
MSVOA_W
ClientSampleId :
VNJ-204

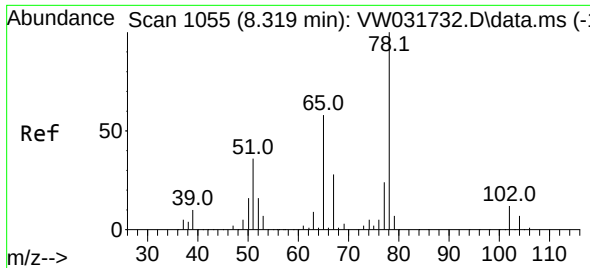
Tgt Ion:168 Resp: 181265
Ion Ratio Lower Upper
168 100
99 63.4 49.4 74.2



#20
Methylene Chloride
Concen: 5.483 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

Tgt Ion: 84 Resp: 24311
Ion Ratio Lower Upper
84 100
49 114.5 98.2 147.4
51 32.9 29.8 44.8
86 70.1 49.5 74.3

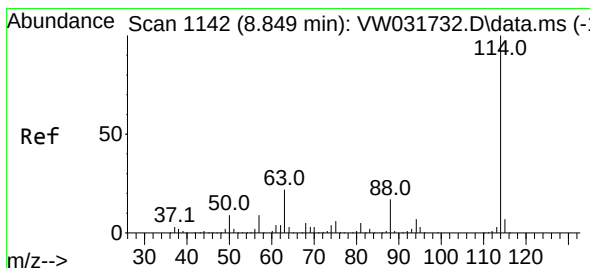
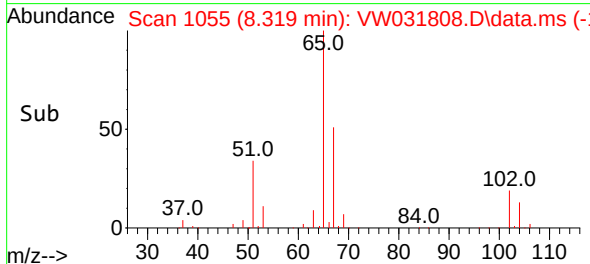
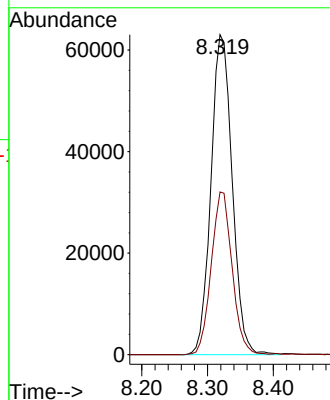
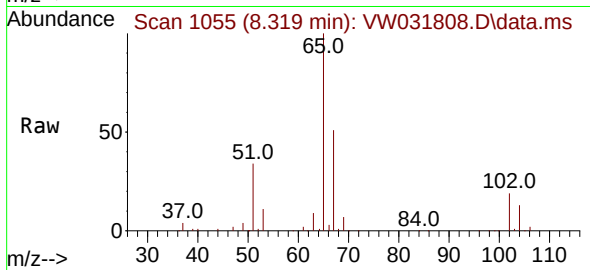




#33
 1,2-Dichloroethane-d4
 Concen: 54.542 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031808.D
 Acq: 10 Jul 2025 17:04

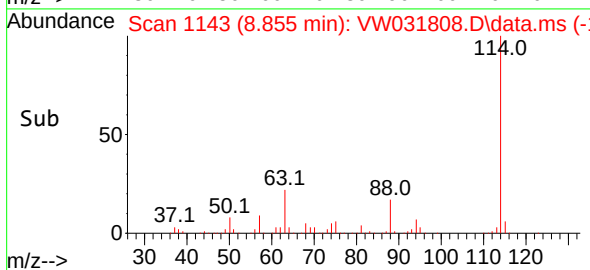
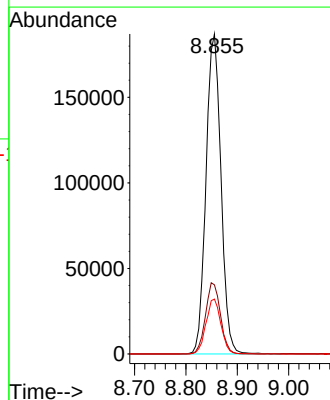
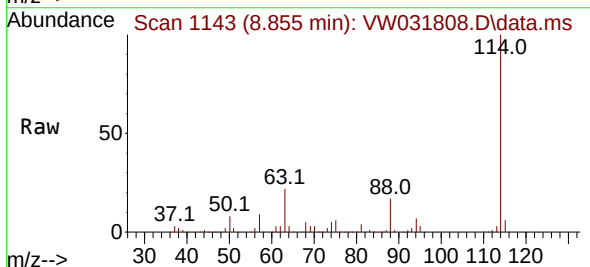
Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-204

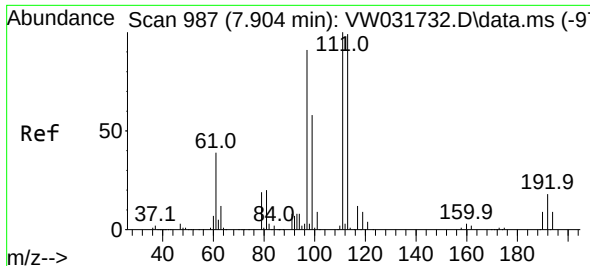
Tgt Ion: 65 Resp: 141882
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031808.D
 Acq: 10 Jul 2025 17:04

Tgt Ion: 114 Resp: 378090
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.6
 88 17.2 0.0 34.2

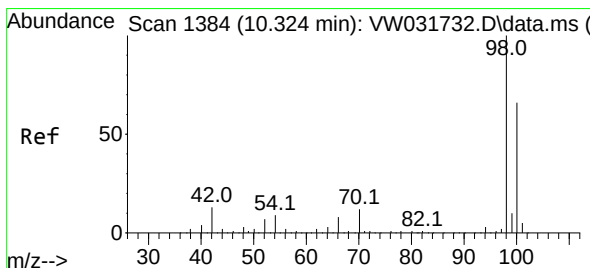
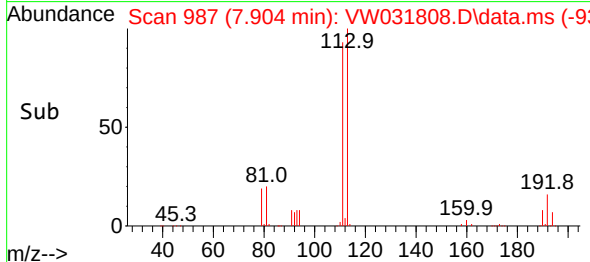
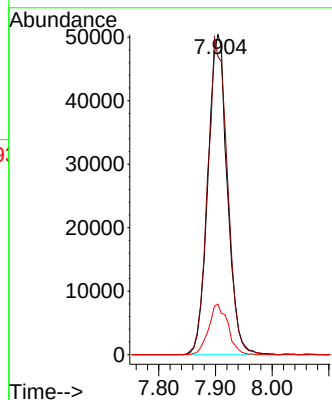
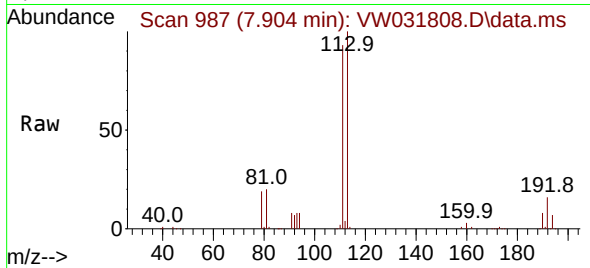




#35
 Dibromofluoromethane
 Concen: 48.483 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031808.D
 Acq: 10 Jul 2025 17:04

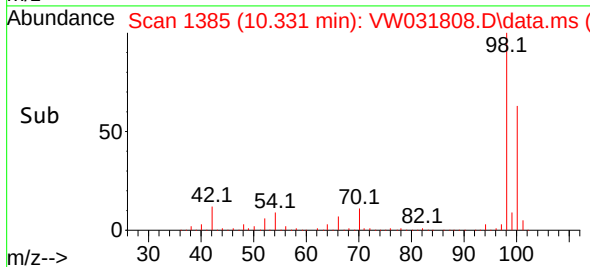
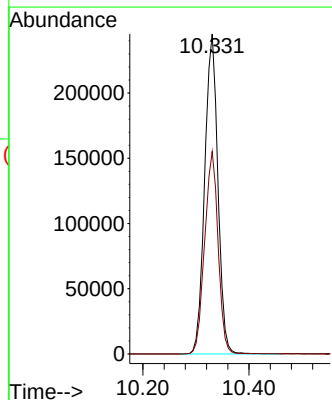
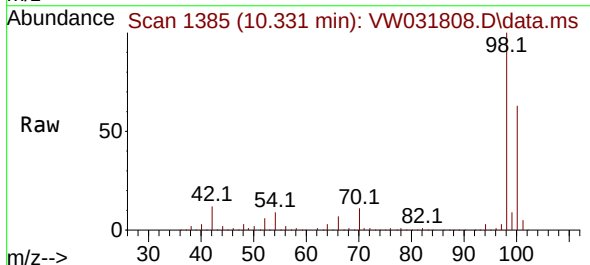
Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-204

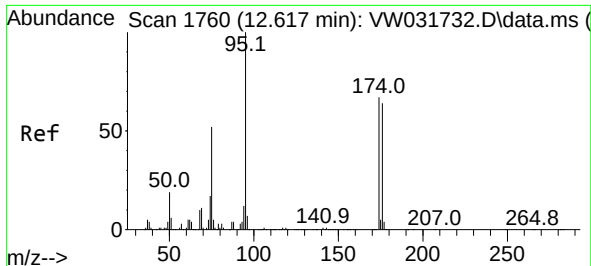
Tgt Ion:113 Resp: 119618
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.1 123.1
 192 15.7 13.8 20.6



#50
 Toluene-d8
 Concen: 46.105 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW031808.D
 Acq: 10 Jul 2025 17:04

Tgt Ion: 98 Resp: 423310
 Ion Ratio Lower Upper
 98 100
 100 64.4 53.0 79.4

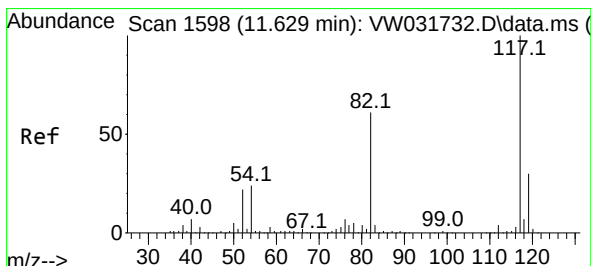
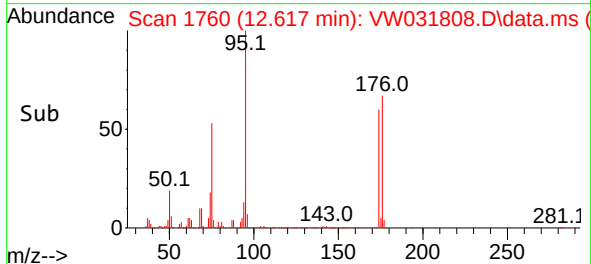
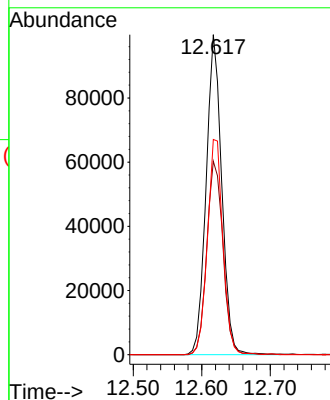
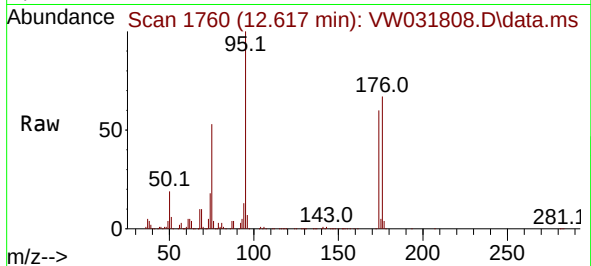




#62
4-Bromofluorobenzene
Concen: 46.773 ug/l
RT: 12.617 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

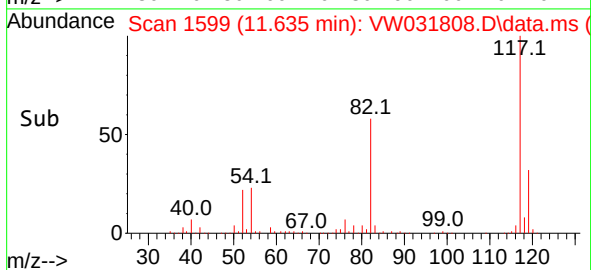
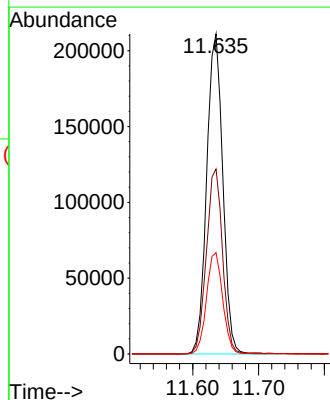
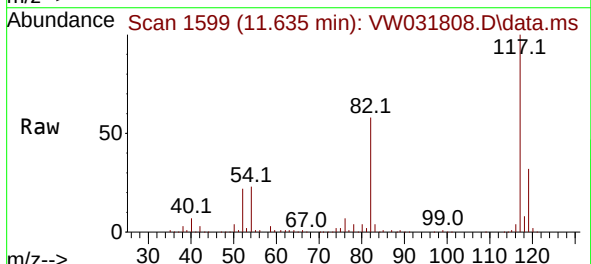
Instrument :
MSVOA_W
ClientSampleId :
VNJ-204

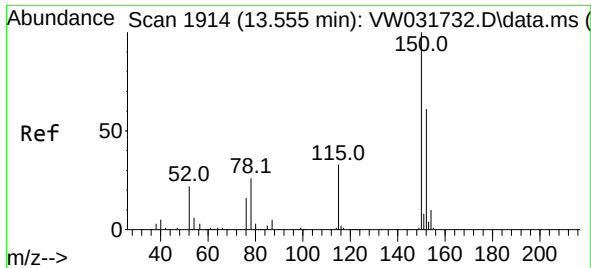
Tgt Ion: 95 Resp: 158037
Ion Ratio Lower Upper
95 100
174 62.9 0.0 133.8
176 67.0 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031808.D
Acq: 10 Jul 2025 17:04

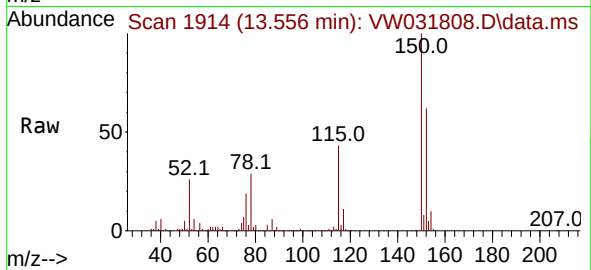
Tgt Ion: 117 Resp: 359421
Ion Ratio Lower Upper
117 100
82 57.8 48.6 72.8
119 31.7 23.9 35.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031808.D
 Acq: 10 Jul 2025 17:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-204



Tgt Ion:	152	Resp:	169424
Ion Ratio	Lower	Upper	
152	100		
115	64.5	31.9	95.7
150	160.0	0.0	356.4

