

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
 Data File : VW031883.D
 Acq On : 17 Jul 2025 12:35
 Operator : SY/MD
 Sample : Q2612-01RE
 Misc : 5.00g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-071525RE

Quant Time: Jul 18 02:51:17 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)

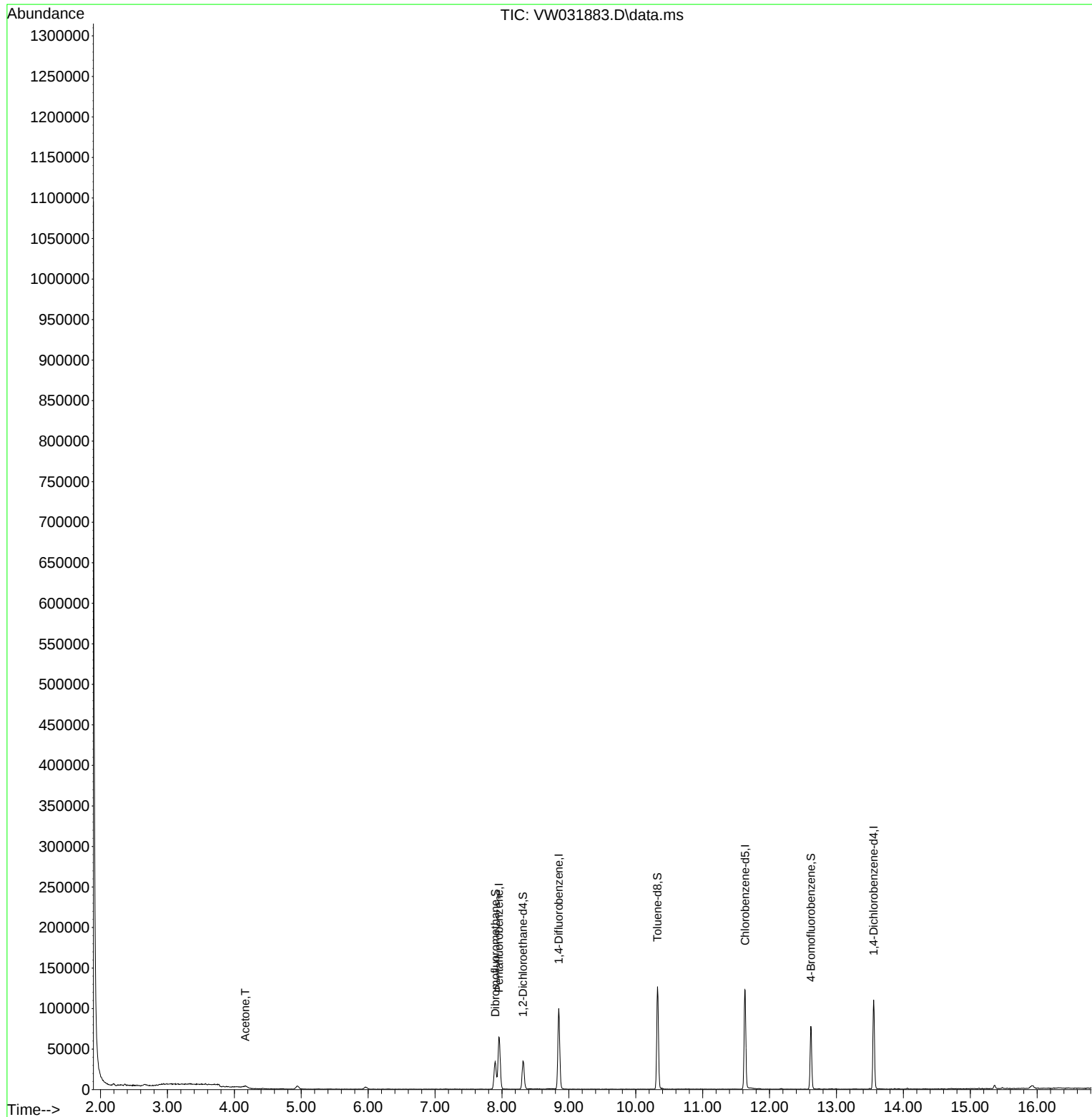
Internal Standards						
1) Pentafluorobenzene	7.953	168	43746	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	81950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	67244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	27776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	29011	46.210	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	92.420%
35) Dibromofluoromethane	7.898	113	25623	47.915	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	95.820%
50) Toluene-d8	10.325	98	85209	42.817	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	85.640%
62) 4-Bromofluorobenzene	12.617	95	29035	39.647	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	79.300%
Target Compounds						
16) Acetone	4.161	43	2420	15.595	ug/l	Qvalue # 76

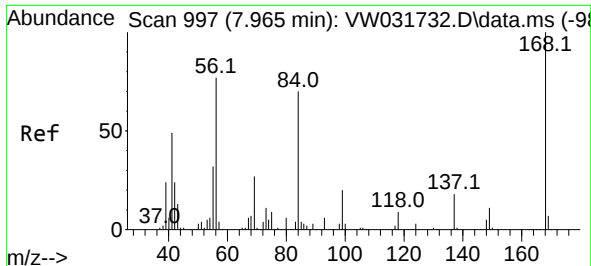
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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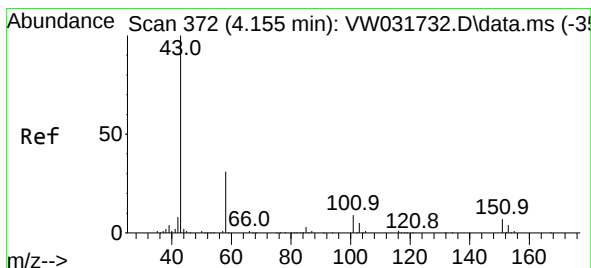
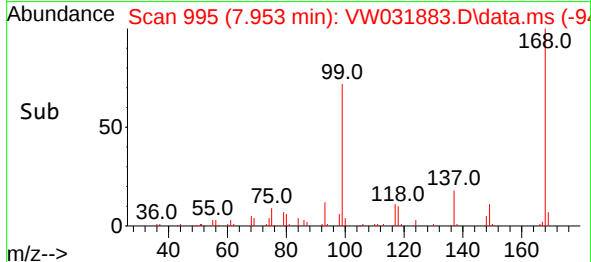
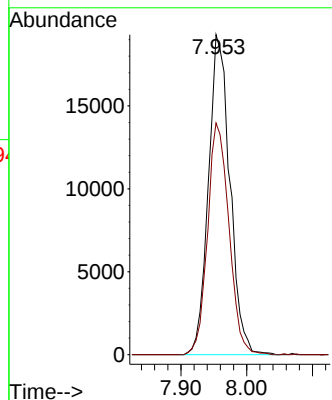
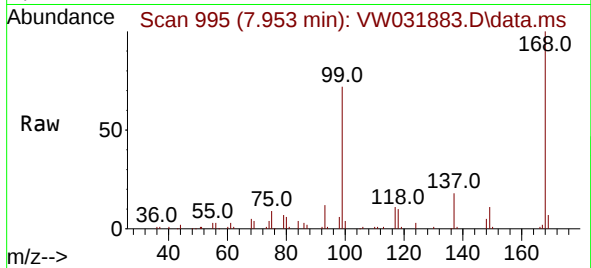




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 997
Delta R.T. -0.012 min
Lab File: VW031883.D
Acq: 17 Jul 2025 12:35

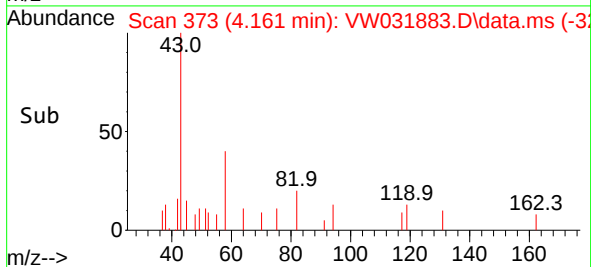
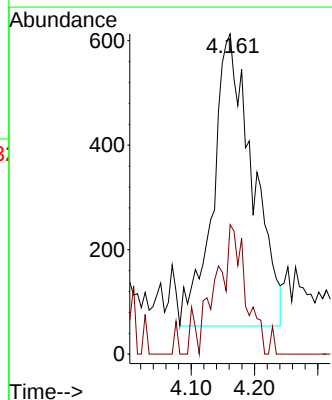
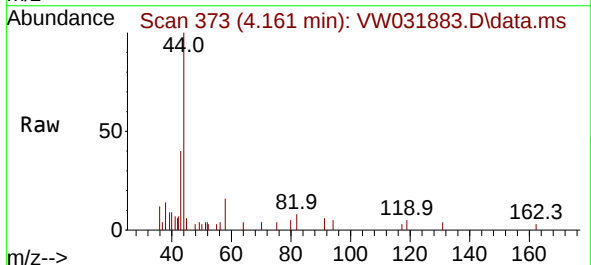
Instrument :
MSVOA_W
ClientSampleId :
OR-02-071525RE

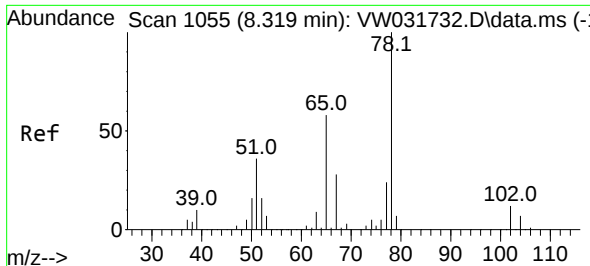
Tgt Ion:168 Resp: 43746
Ion Ratio Lower Upper
168 100
99 72.4 49.4 74.2



#16
Acetone
Concen: 15.595 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.007 min
Lab File: VW031883.D
Acq: 17 Jul 2025 12:35

Tgt Ion: 43 Resp: 2420
Ion Ratio Lower Upper
43 100
58 44.4 24.8 37.2#

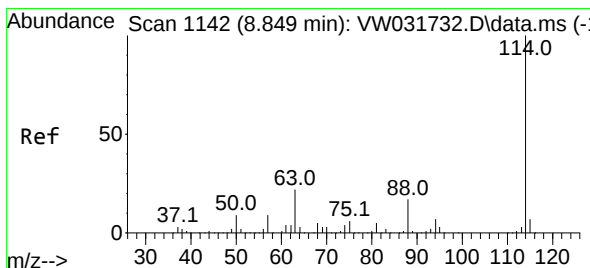
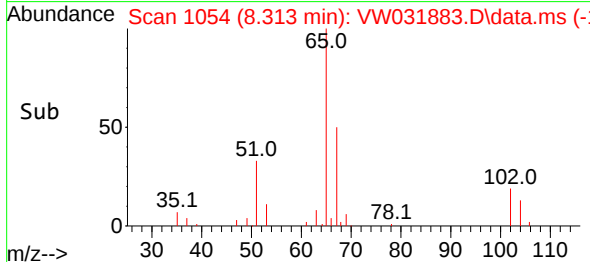
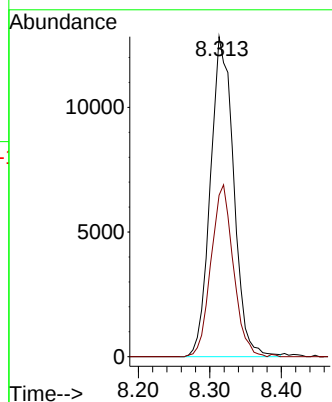
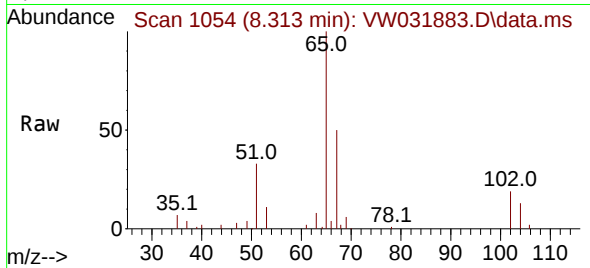




#33
 1,2-Dichloroethane-d4
 Concen: 46.210 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW031883.D
 Acq: 17 Jul 2025 12:35

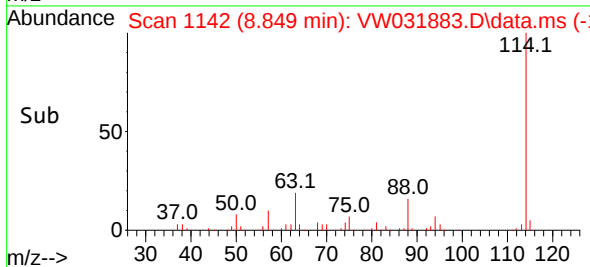
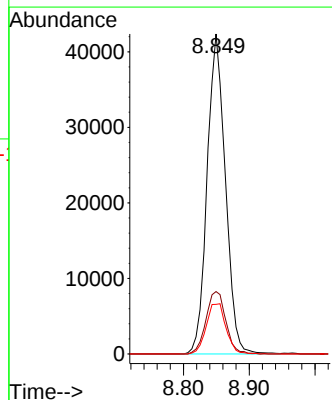
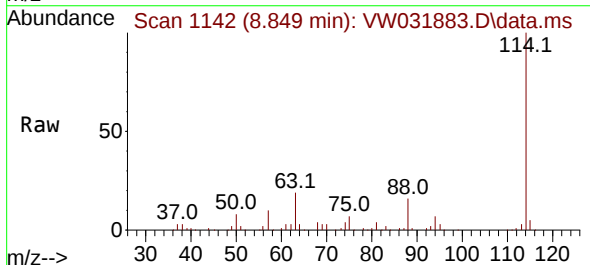
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-071525RE

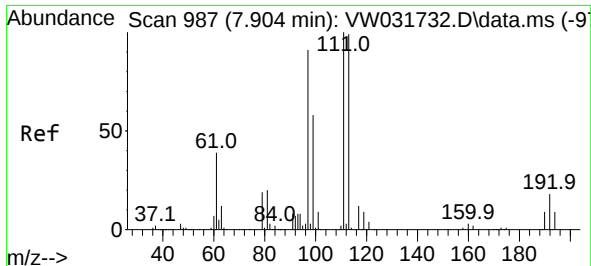
Tgt Ion: 65 Resp: 29011
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031883.D
 Acq: 17 Jul 2025 12:35

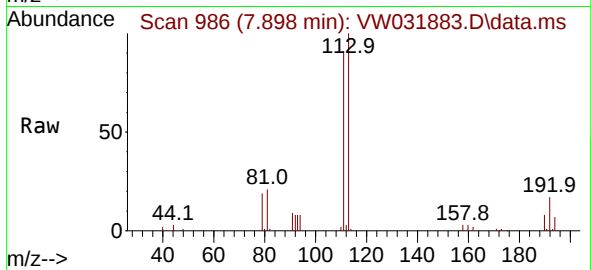
Tgt Ion: 114 Resp: 81950
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.6
 88 15.5 0.0 34.2





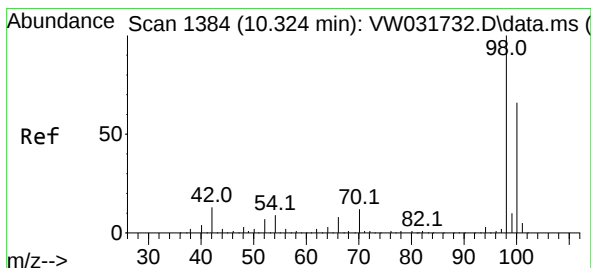
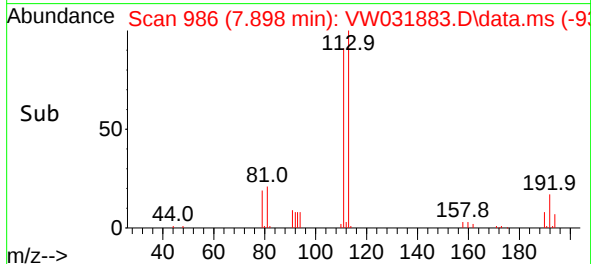
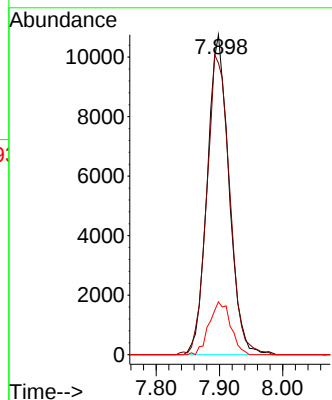
#35
 Dibromofluoromethane
 Concen: 47.915 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031883.D
 Acq: 17 Jul 2025 12:35

Instrument :
 MSVOA_W
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Tgt Ion:113 Resp: 25623

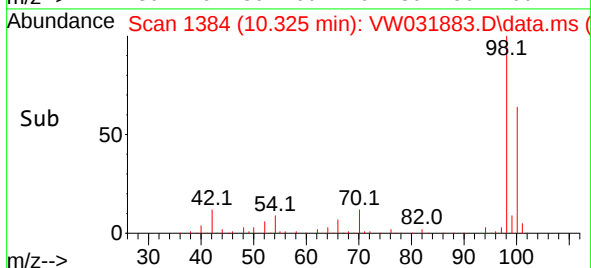
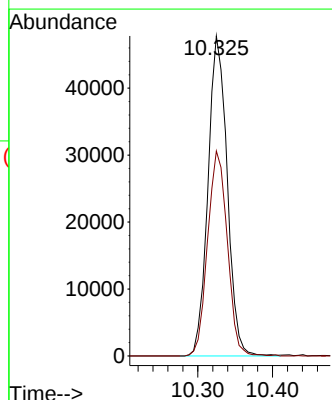
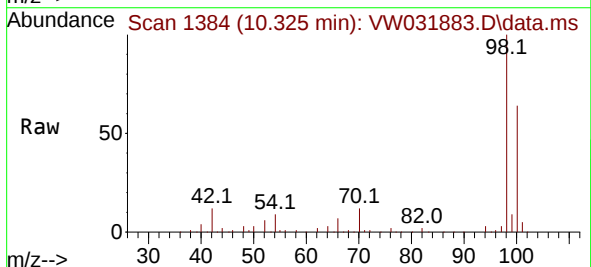
Ion	Ratio	Lower	Upper
113	100		
111	98.7	82.1	123.1
192	16.4	13.8	20.6

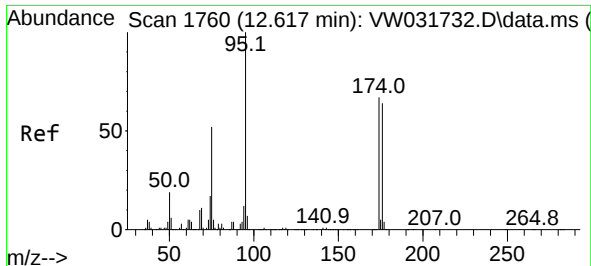


#50
 Toluene-d8
 Concen: 42.817 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW031883.D
 Acq: 17 Jul 2025 12:35

Tgt Ion: 98 Resp: 85209

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4

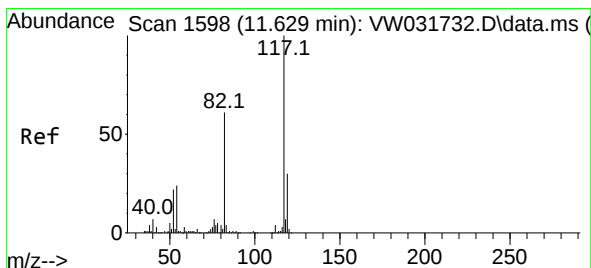
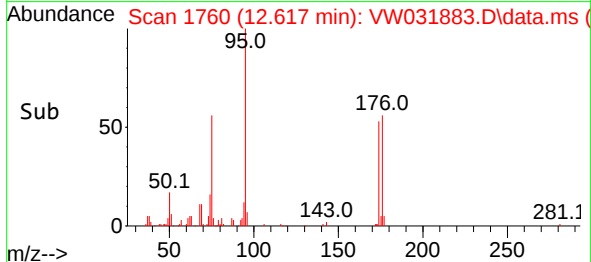
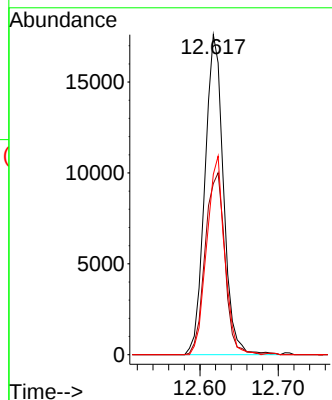
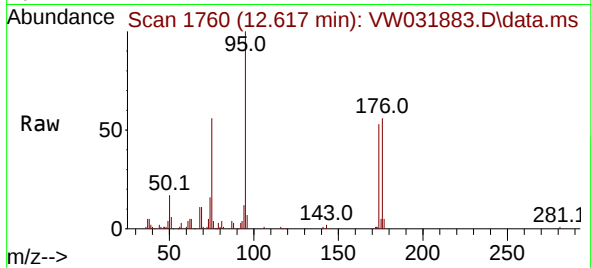




#62
4-Bromofluorobenzene
Concen: 39.647 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031883.D
Acq: 17 Jul 2025 12:35

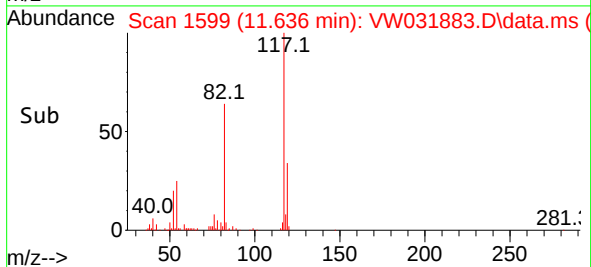
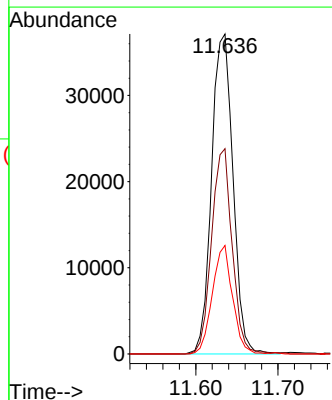
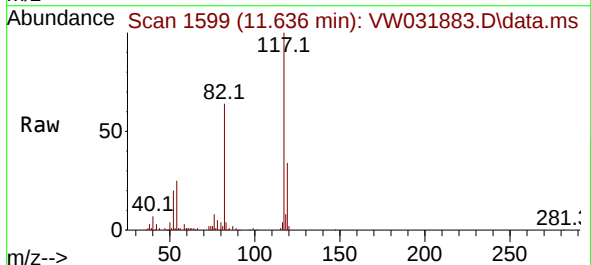
Instrument :
MSVOA_W
ClientSampleId :
OR-02-071525RE

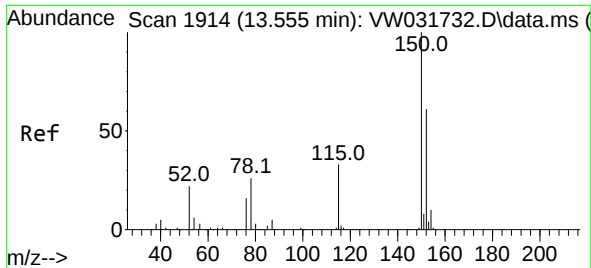
Tgt Ion: 95 Resp: 29035
Ion Ratio Lower Upper
95 100
174 60.3 0.0 133.8
176 59.4 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 1599
Delta R.T. 0.007 min
Lab File: VW031883.D
Acq: 17 Jul 2025 12:35

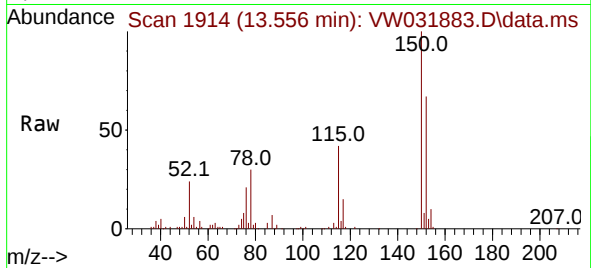
Tgt Ion: 117 Resp: 67244
Ion Ratio Lower Upper
117 100
82 64.2 48.6 72.8
119 33.9 23.9 35.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031883.D
 Acq: 17 Jul 2025 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-071525RE



Tgt Ion:	152	Resp:	27776
Ion Ratio	Lower	Upper	
152	100		
115	65.2	31.9	95.7
150	159.7	0.0	356.4

