

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031849.D
 Acq On : 14 Jul 2025 14:36
 Operator : SY/MD
 Sample : Q2559-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 500-3B CONCRETE CHIP

Quant Time: Jul 15 02:45:32 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)

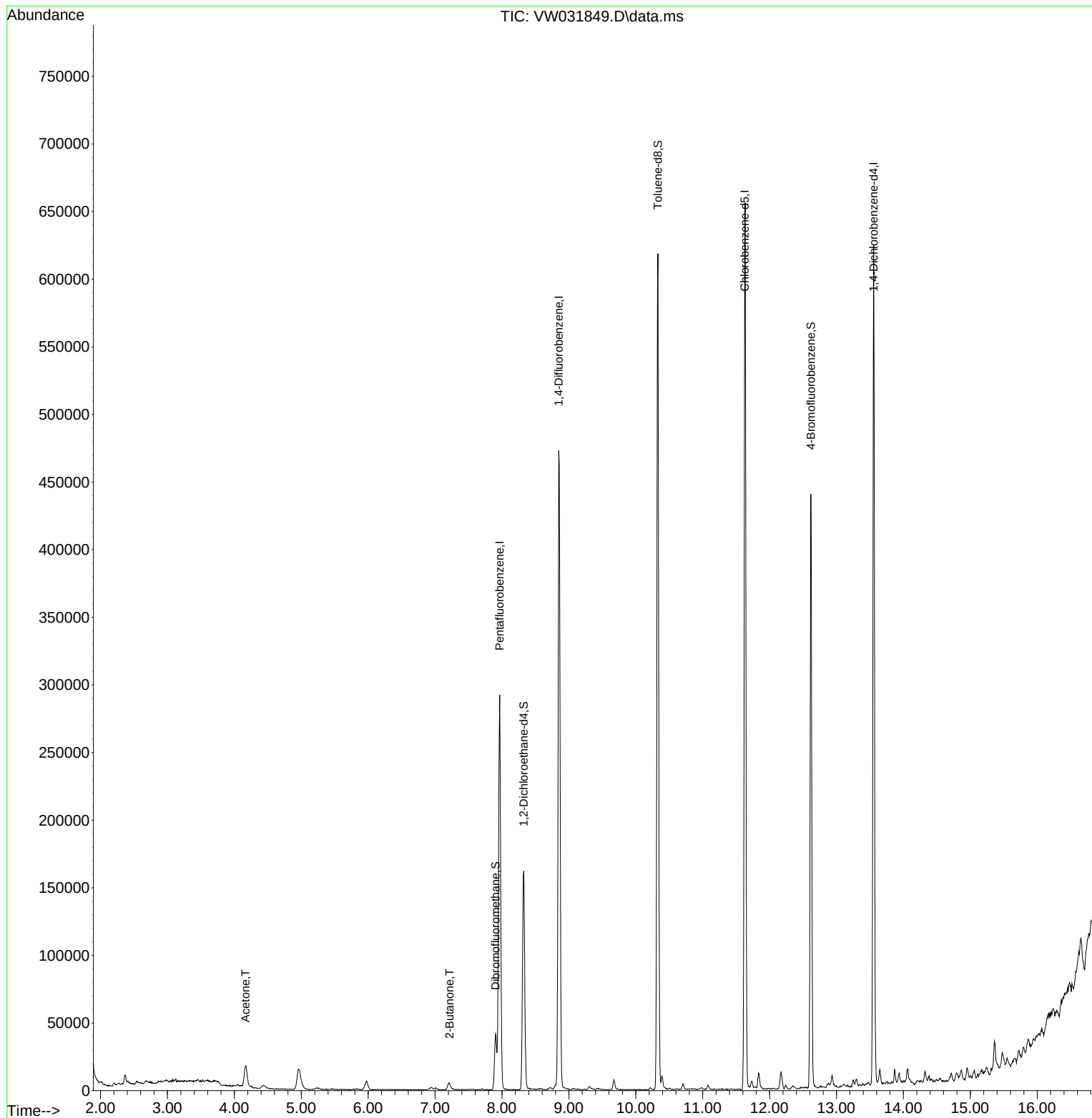
Internal Standards						
1) Pentafluorobenzene	7.965	168	193723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	400699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	360732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	156314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	135005	48.560	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	97.120%		
35) Dibromofluoromethane	7.904	113	31136	11.908	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	23.820%#		
50) Toluene-d8	10.331	98	415392	42.690	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	85.380%		
62) 4-Bromofluorobenzene	12.617	95	158334	44.217	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	88.440%		
Target Compounds						
16) Acetone	4.167	43	30057	43.740	ug/l	92
25) 2-Butanone	7.215	43	8790	9.832	ug/l	95

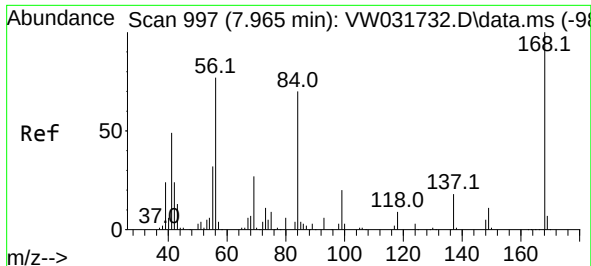
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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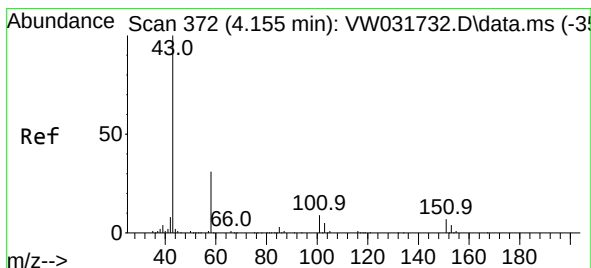
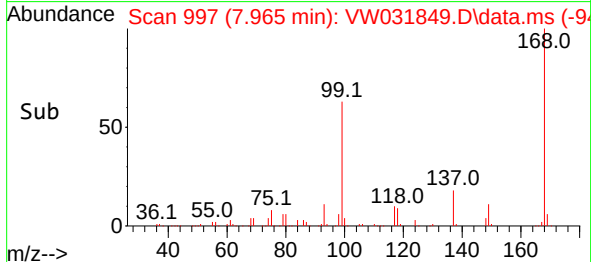
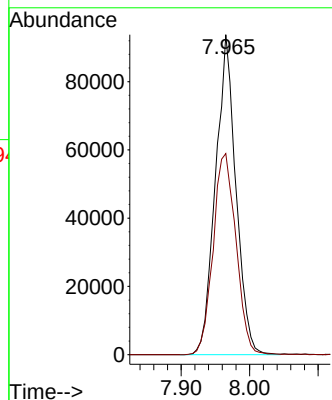
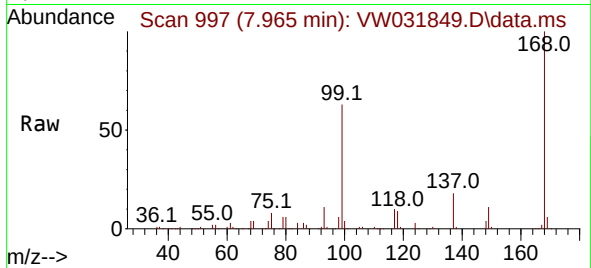




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031849.D
Acq: 14 Jul 2025 14:36

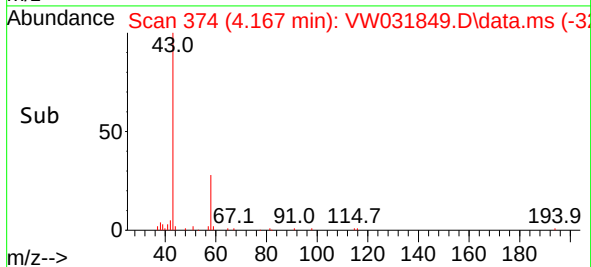
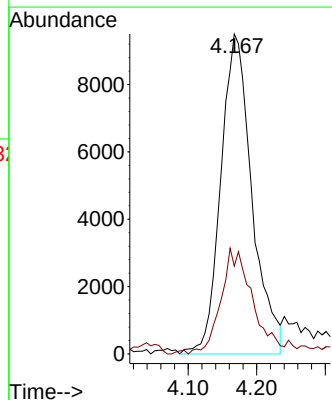
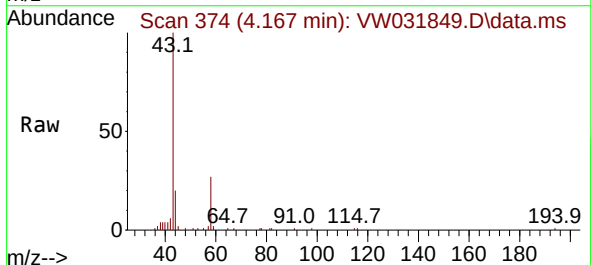
Instrument :
MSVOA_W
ClientSampleId :
500-3B CONCRETE CHIP

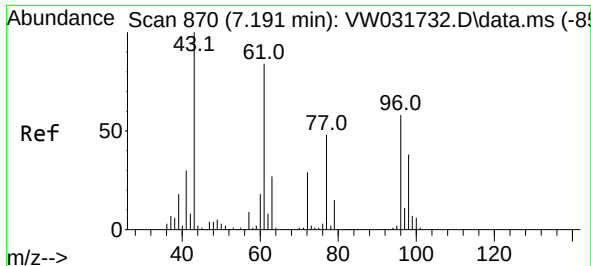
Tgt Ion:168 Resp: 193723
Ion Ratio Lower Upper
168 100
99 62.9 49.4 74.2



#16
Acetone
Concen: 43.740 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.012 min
Lab File: VW031849.D
Acq: 14 Jul 2025 14:36

Tgt Ion: 43 Resp: 30057
Ion Ratio Lower Upper
43 100
58 26.5 24.8 37.2

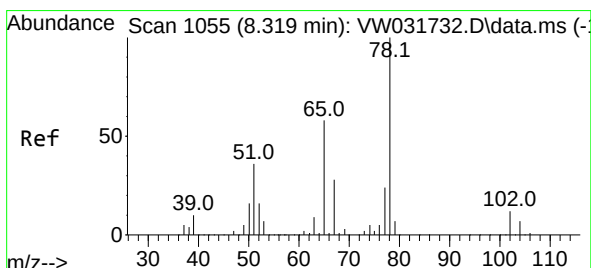
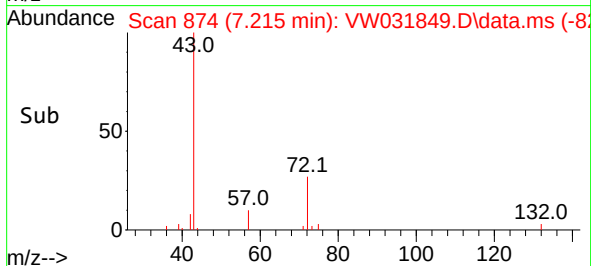
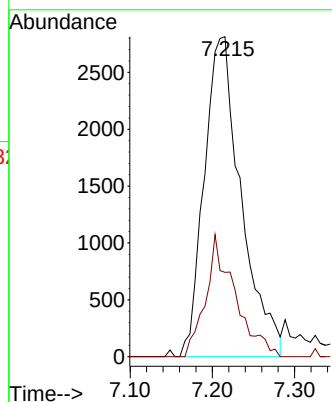
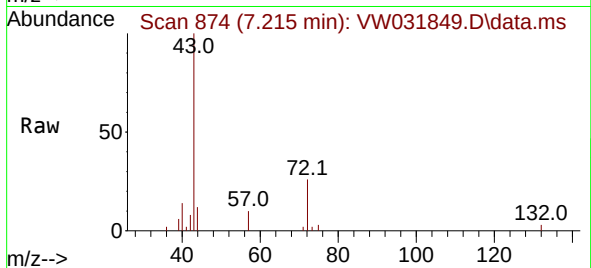




#25
2-Butanone
Concen: 9.832 ug/l
RT: 7.215 min Scan# 81
Delta R.T. 0.025 min
Lab File: VW031849.D
Acq: 14 Jul 2025 14:36

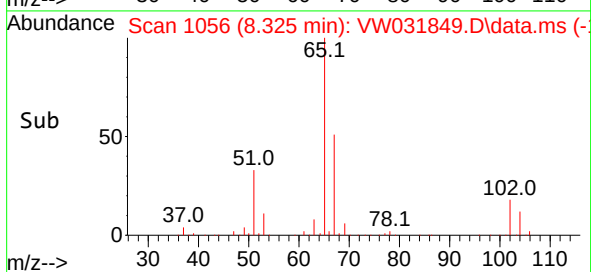
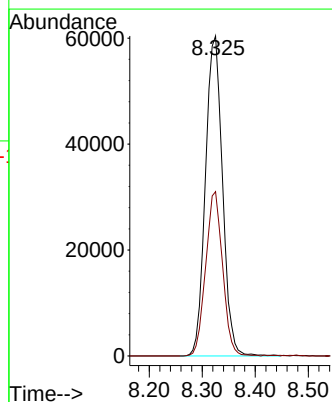
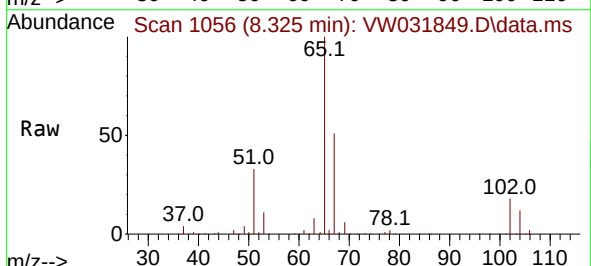
Instrument :
MSVOA_W
ClientSampleId :
500-3B CONCRETE CHIP

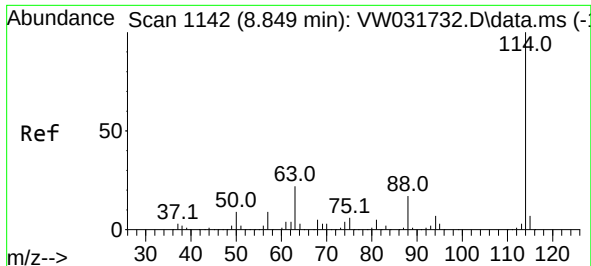
Tgt Ion: 43 Resp: 8790
Ion Ratio Lower Upper
43 100
72 26.4 23.0 34.6



#33
1,2-Dichloroethane-d4
Concen: 48.560 ug/l
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031849.D
Acq: 14 Jul 2025 14:36

Tgt Ion: 65 Resp: 135005
Ion Ratio Lower Upper
65 100
67 50.9 0.0 99.4

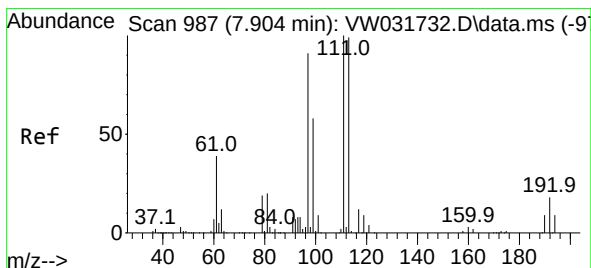
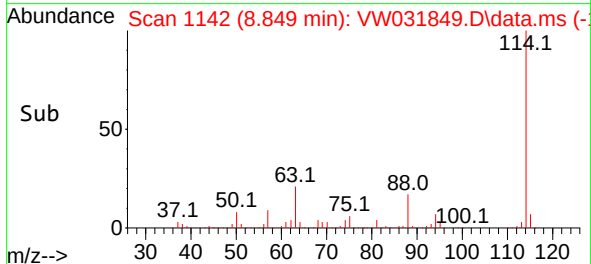
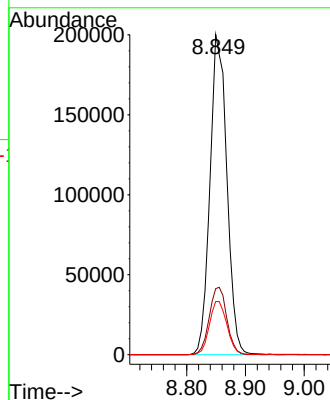
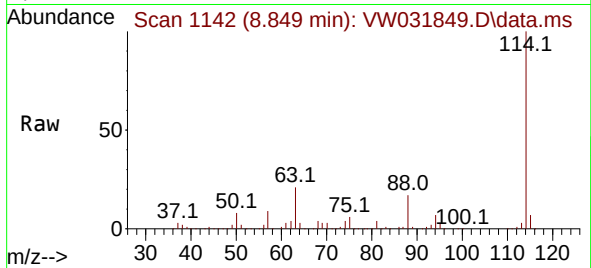




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW031849.D
Acq: 14 Jul 2025 14:36

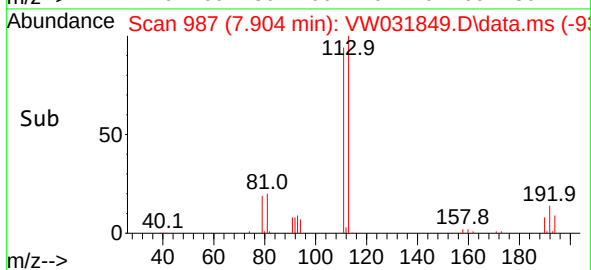
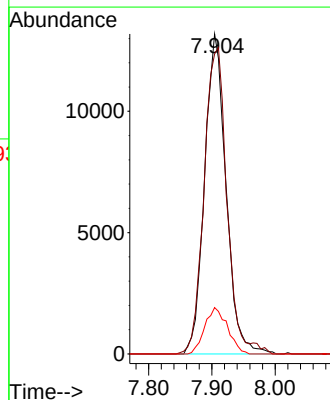
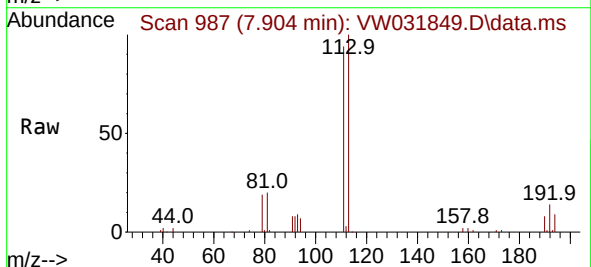
Instrument :
MSVOA_W
ClientSampleId :
500-3B CONCRETE CHIP

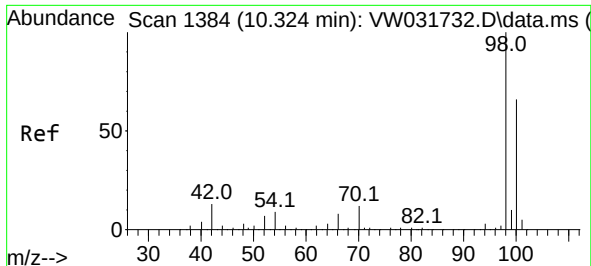
Tgt Ion:114 Resp: 400699
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.6
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 11.908 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031849.D
Acq: 14 Jul 2025 14:36

Tgt Ion:113 Resp: 31136
Ion Ratio Lower Upper
113 100
111 102.0 82.1 123.1
192 15.4 13.8 20.6

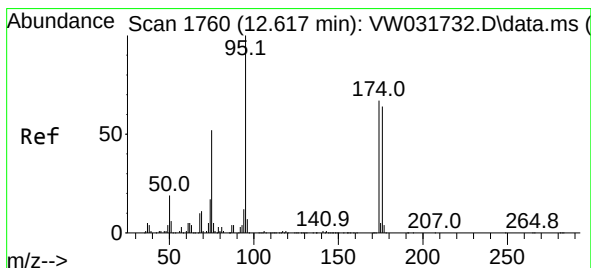
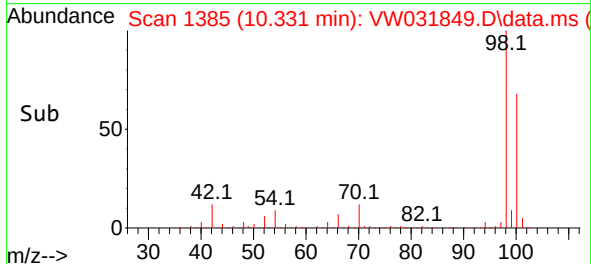
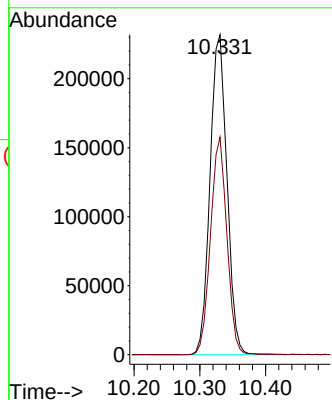
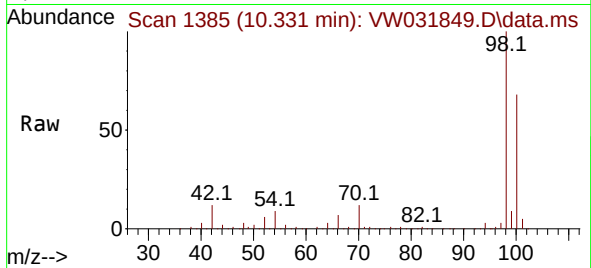




#50
Toluene-d8
Concen: 42.690 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031849.D
Acq: 14 Jul 2025 14:36

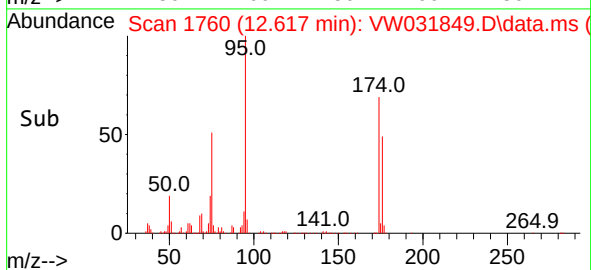
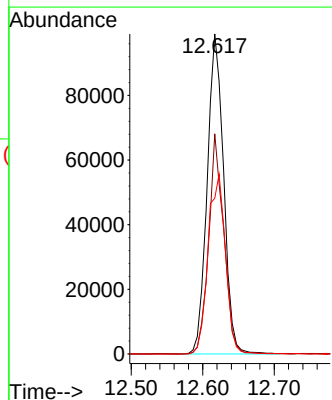
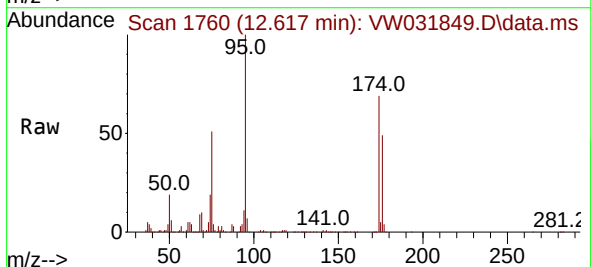
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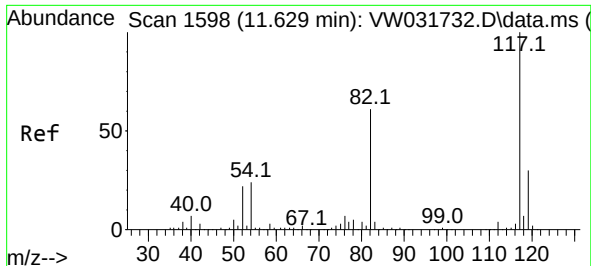
Tgt Ion: 98 Resp: 415392
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 44.217 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031849.D
Acq: 14 Jul 2025 14:36

Tgt Ion: 95 Resp: 158334
Ion Ratio Lower Upper
95 100
174 63.1 0.0 133.8
176 59.4 0.0 126.0

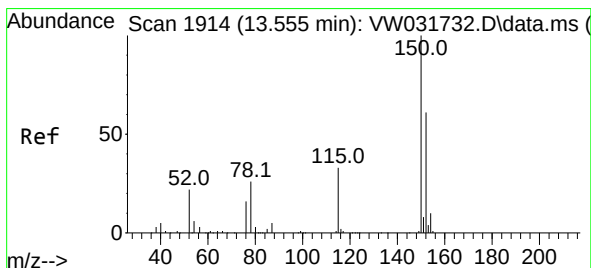
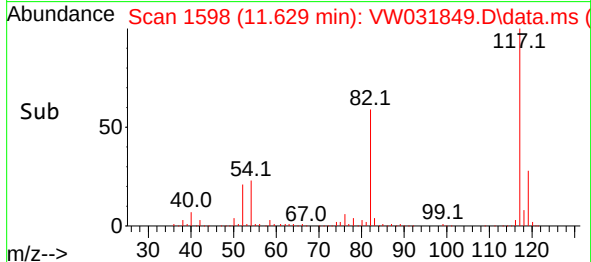
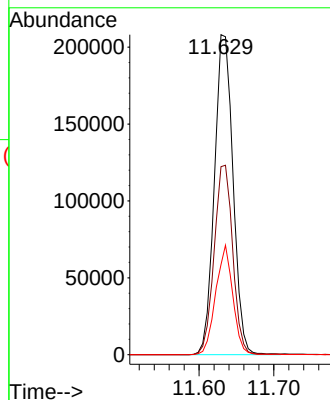
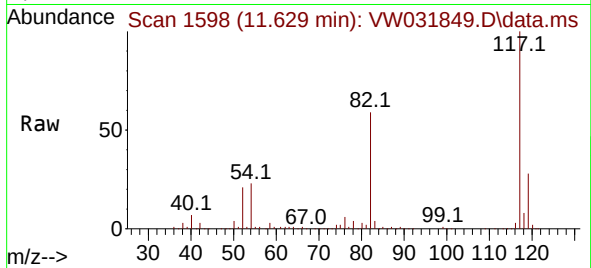




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031849.D
Acq: 14 Jul 2025 14:36

Instrument :
MSVOA_W
ClientSampleId :
500-3B CONCRETE CHIP

Tgt Ion:117 Resp: 360732
Ion Ratio Lower Upper
117 100
82 58.8 48.6 72.8
119 28.2 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: VW031849.D
Acq: 14 Jul 2025 14:36

Tgt Ion:152 Resp: 156314
Ion Ratio Lower Upper
152 100
115 65.6 31.9 95.7
150 152.9 0.0 356.4

