

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032544.D
 Acq On : 26 Nov 2025 15:20
 Operator : SY/MD
 Sample : Q3719-05
 Misc : 4.91g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-12A

Quant Time: Nov 27 00:28:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

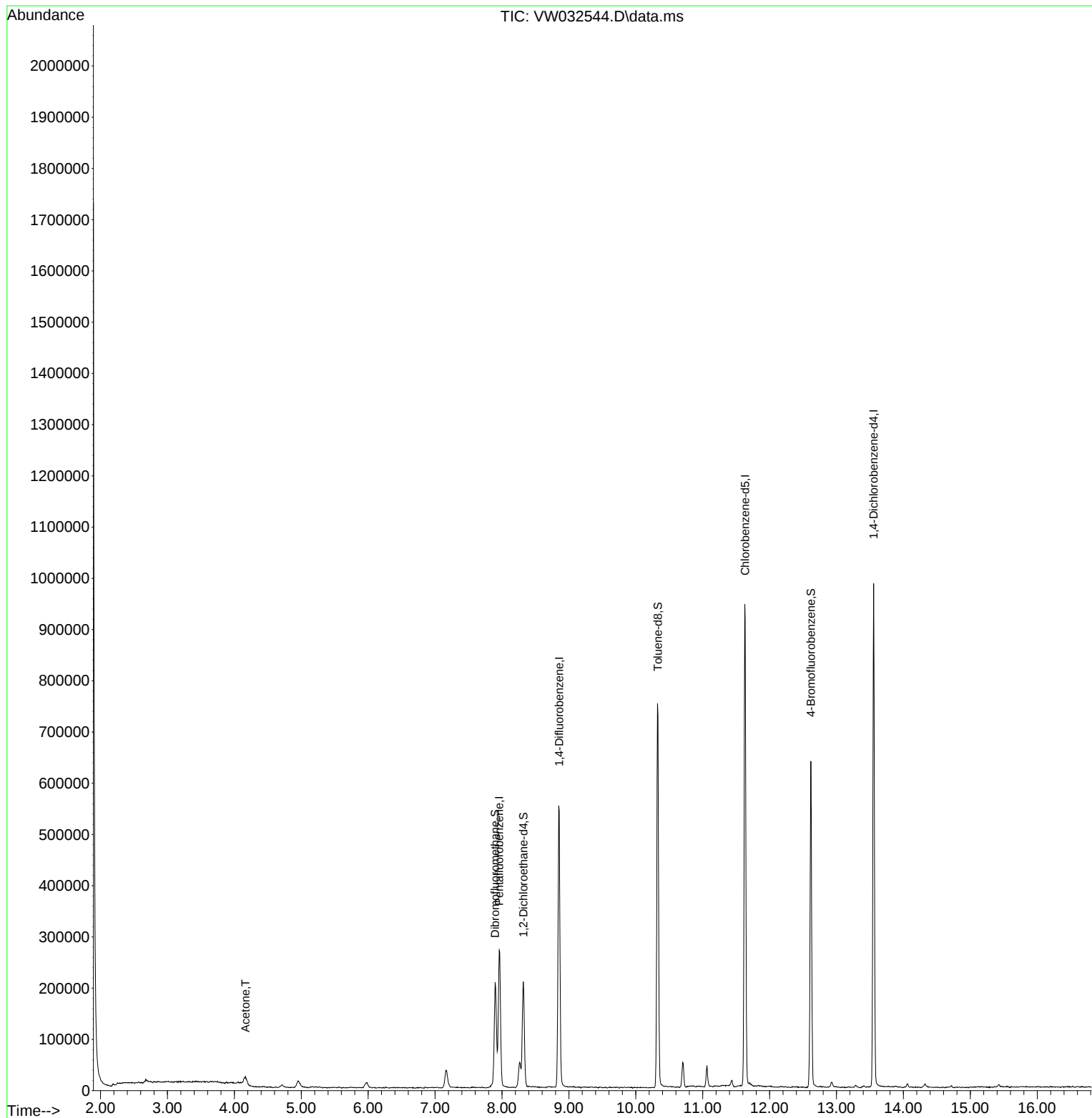
Internal Standards						
1) Pentafluorobenzene	7.959	168	186816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	449736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	514009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	231134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168836	70.100	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	140.200%
35) Dibromofluoromethane	7.898	113	148492	55.147	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	110.300%
50) Toluene-d8	10.331	98	502185	48.614	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	97.220%
62) 4-Bromofluorobenzene	12.617	95	220623	56.537	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	113.080%
Target Compounds						
16) Acetone	4.167	43	22319	30.974	ug/l	Qvalue 99

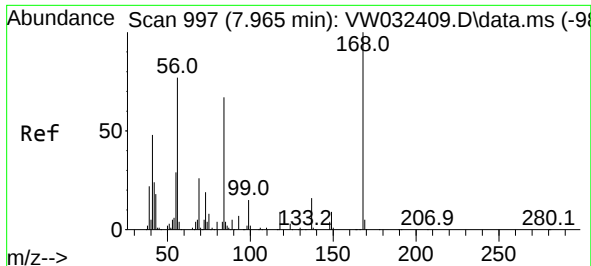
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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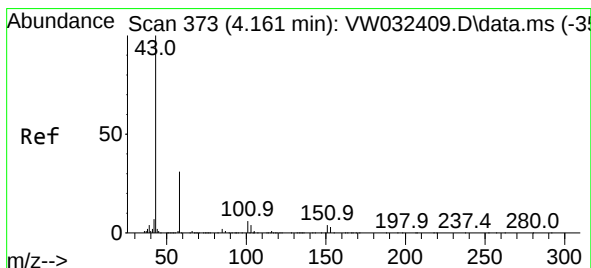
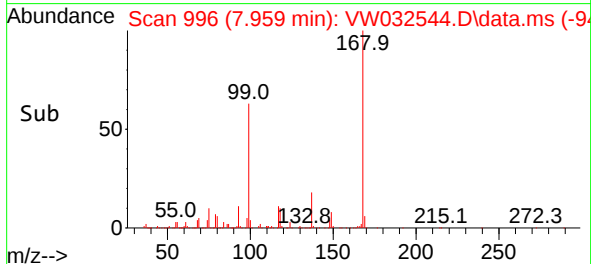
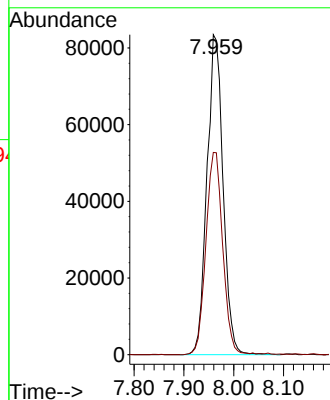
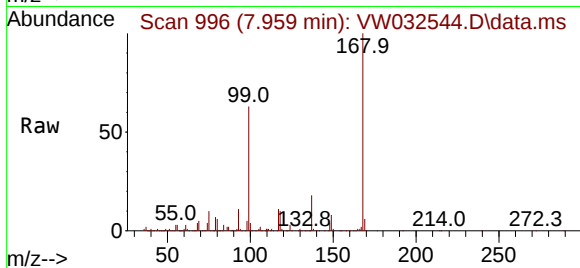




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032544.D
Acq: 26 Nov 2025 15:20

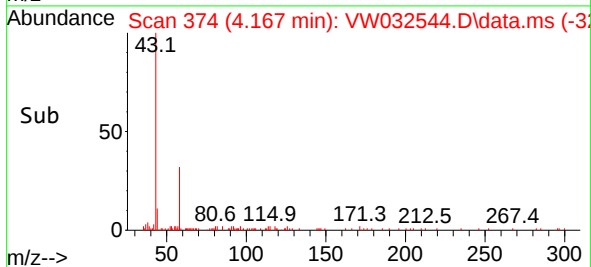
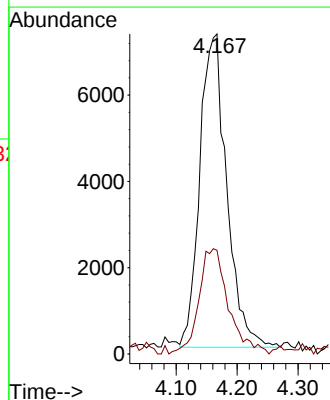
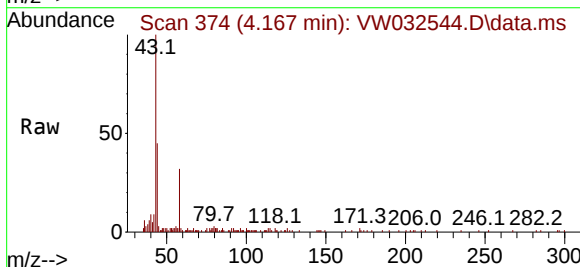
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-12A

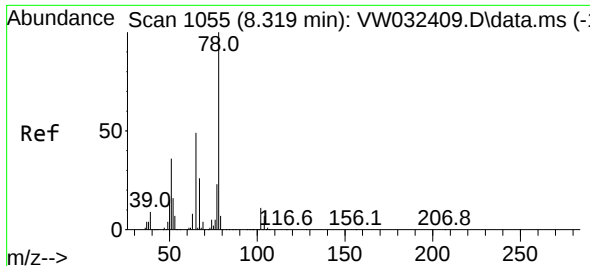
Tgt Ion:168 Resp: 186816
Ion Ratio Lower Upper
168 100
99 63.2 45.4 68.2



#16
Acetone
Concen: 30.974 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032544.D
Acq: 26 Nov 2025 15:20

Tgt Ion: 43 Resp: 22319
Ion Ratio Lower Upper
43 100
58 31.3 24.8 37.2

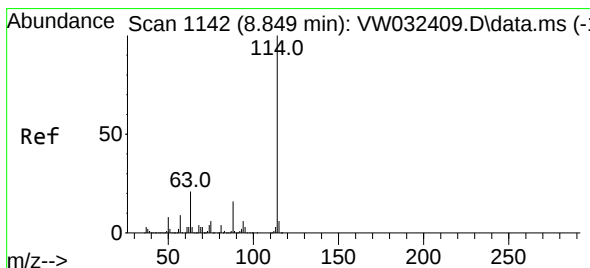
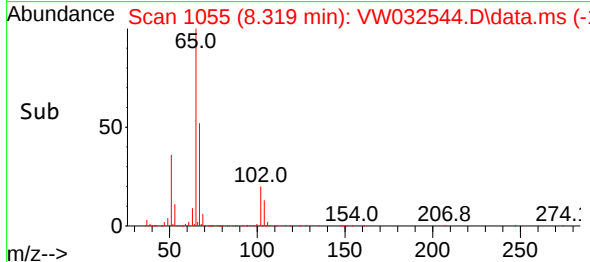
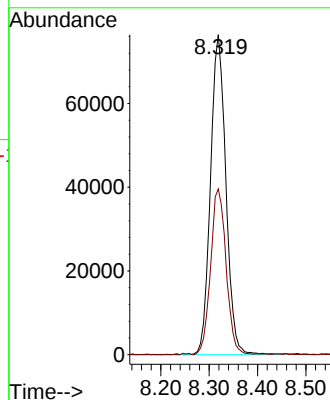
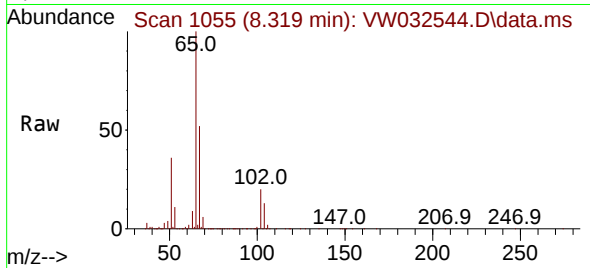




#33
 1,2-Dichloroethane-d4
 Concen: 70.100 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032544.D
 Acq: 26 Nov 2025 15:20

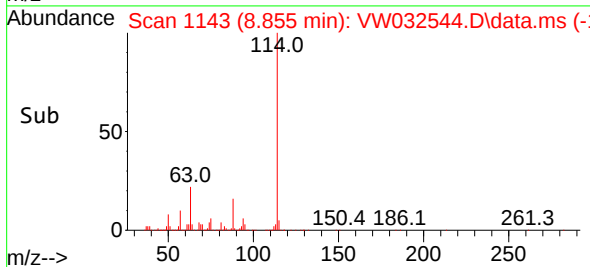
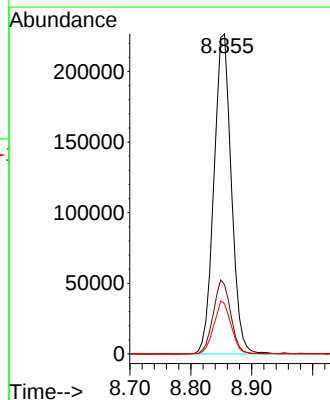
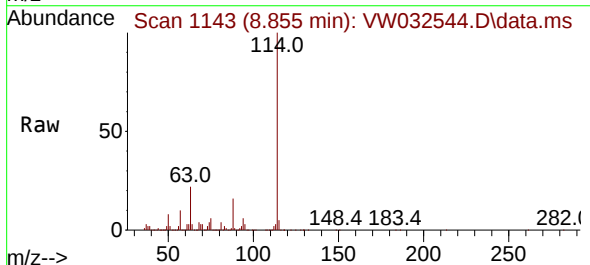
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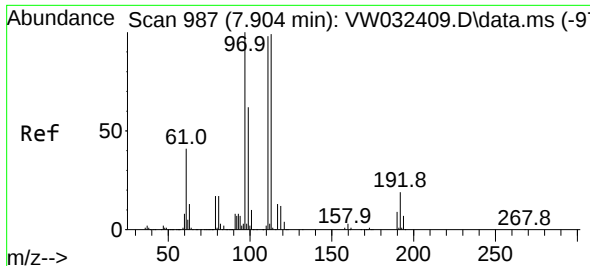
Tgt Ion: 65 Resp: 168836
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032544.D
 Acq: 26 Nov 2025 15:20

Tgt Ion: 114 Resp: 449736
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.8
 88 15.7 0.0 32.6

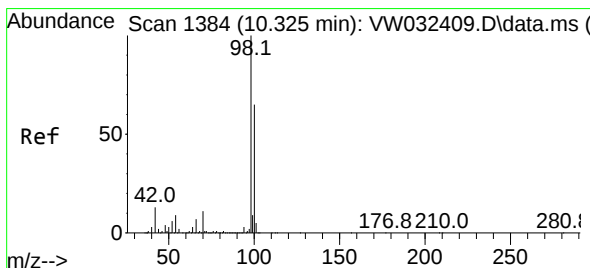
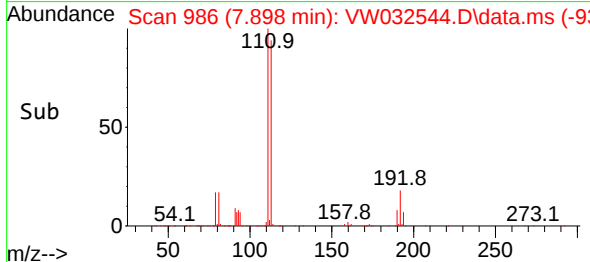
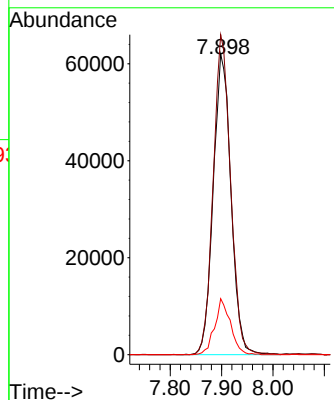
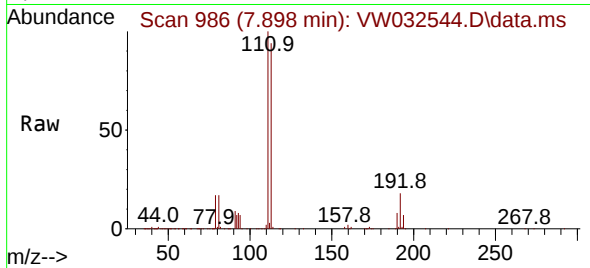




#35
 Dibromofluoromethane
 Concen: 55.147 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032544.D
 Acq: 26 Nov 2025 15:20

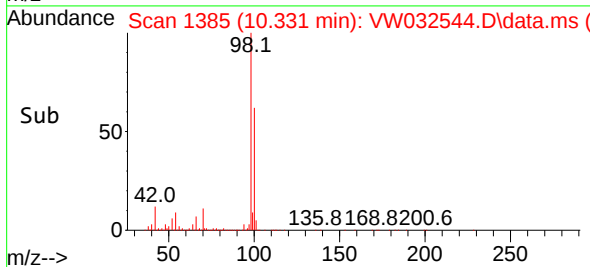
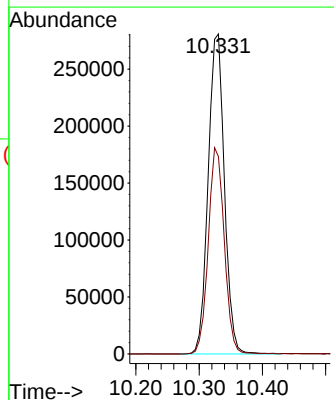
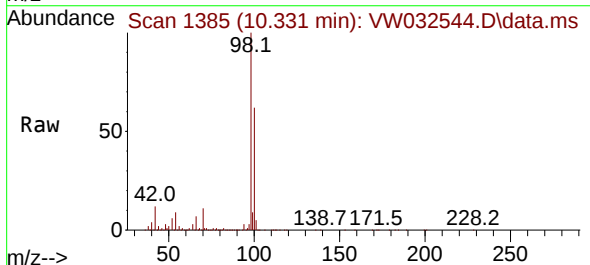
Instrument :
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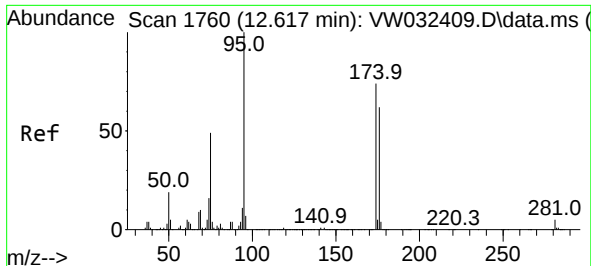
Tgt Ion:113 Resp: 148492
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.1 124.7
 192 16.7 13.4 20.2



#50
 Toluene-d8
 Concen: 48.614 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW032544.D
 Acq: 26 Nov 2025 15:20

Tgt Ion: 98 Resp: 502185
 Ion Ratio Lower Upper
 98 100
 100 63.5 53.3 79.9

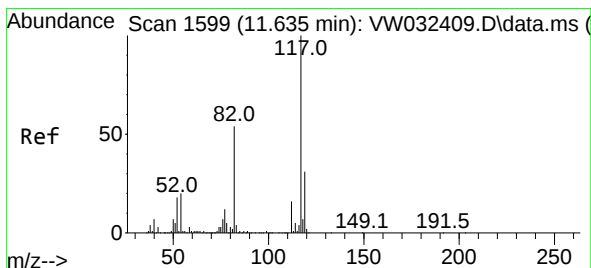
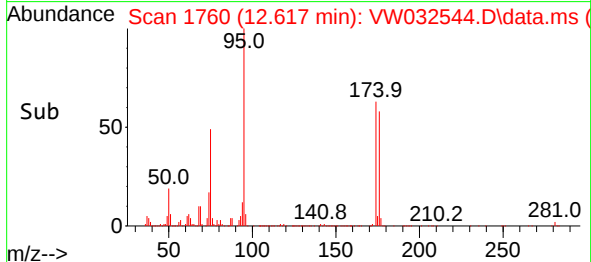
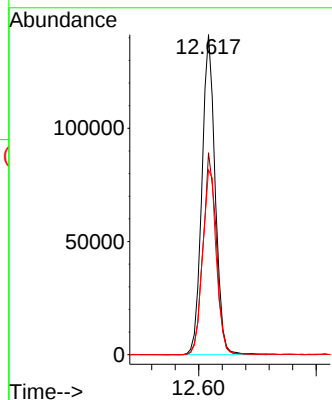
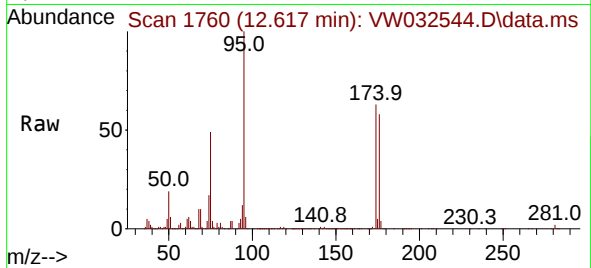




#62
4-Bromofluorobenzene
Concen: 56.537 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032544.D
Acq: 26 Nov 2025 15:20

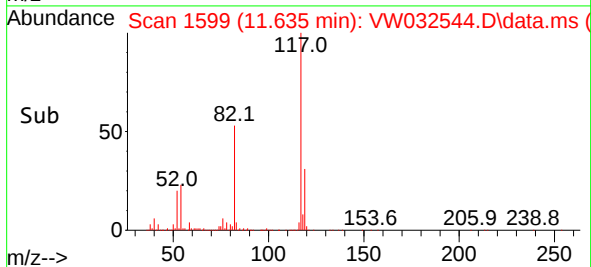
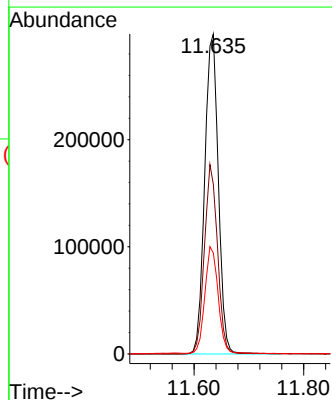
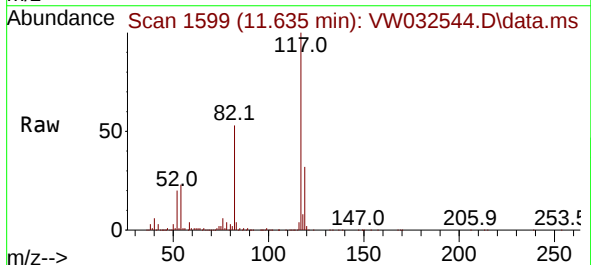
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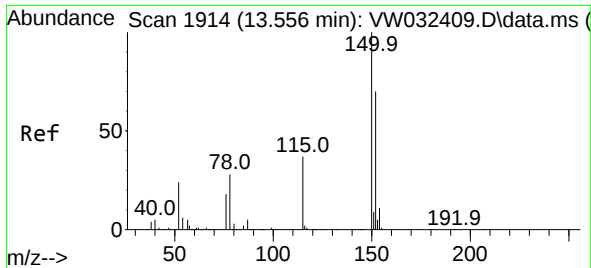
Tgt Ion: 95 Resp: 220623
Ion Ratio Lower Upper
95 100
174 63.8 0.0 135.4
176 60.4 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW032544.D
Acq: 26 Nov 2025 15:20

Tgt Ion: 117 Resp: 514009
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.5 25.0 37.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032544.D
 Acq: 26 Nov 2025 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-12A

Tgt Ion:152 Resp: 231134
 Ion Ratio Lower Upper
 152 100
 115 66.4 32.8 98.3
 150 155.6 0.0 356.6

