

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032555.D
 Acq On : 26 Nov 2025 19:23
 Operator : SY/MD
 Sample : Q3719-14
 Misc : 4.27g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-17B

Quant Time: Nov 27 00:32:31 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)

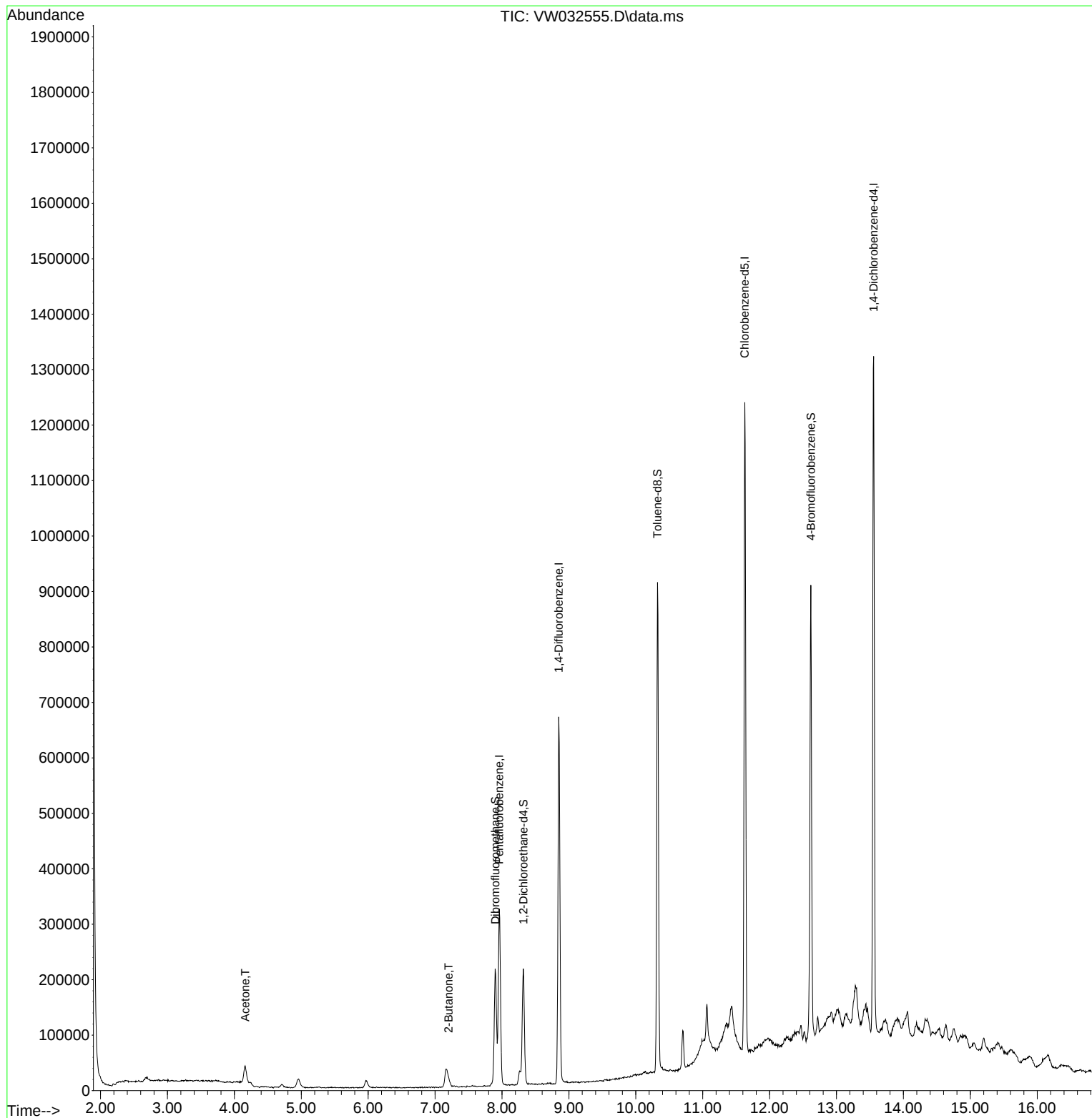
Internal Standards						
1) Pentafluorobenzene	7.959	168	212464	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	543417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	642461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	328212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	169877	62.018	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	124.040%
35) Dibromofluoromethane	7.898	113	156833	48.203	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.400%
50) Toluene-d8	10.324	98	568078	45.513	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	91.020%
62) 4-Bromofluorobenzene	12.617	95	281208	59.640	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	119.280%
Target Compounds						
						Qvalue
16) Acetone	4.161	43	57001	69.557	ug/l	91
25) 2-Butanone	7.203	43	22298	18.469	ug/l	# 87

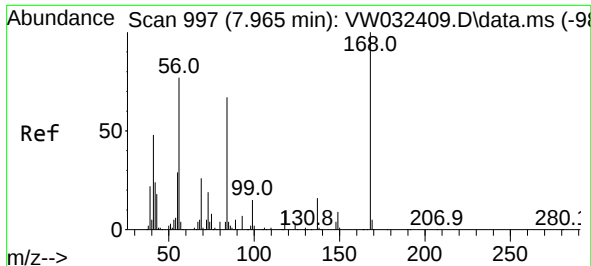
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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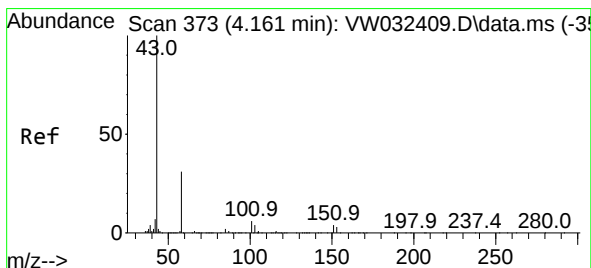
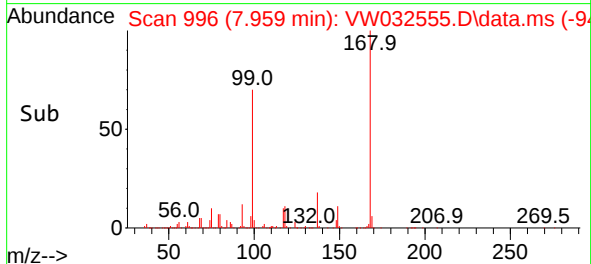
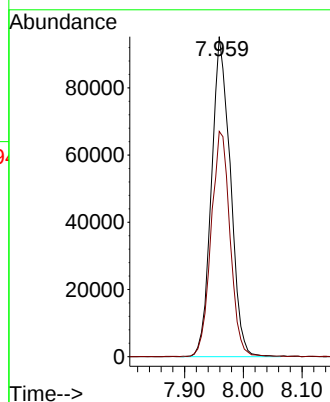
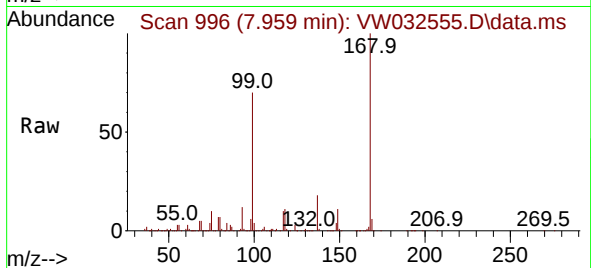




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

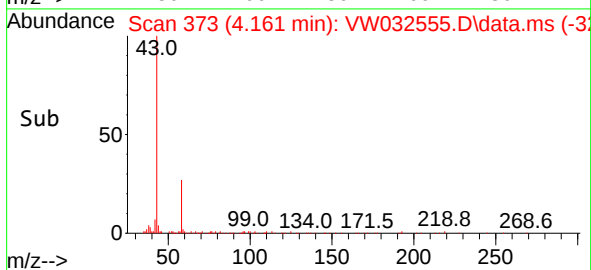
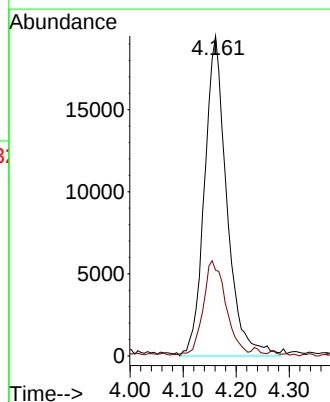
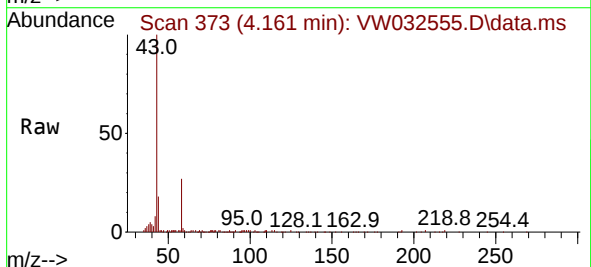
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-17B

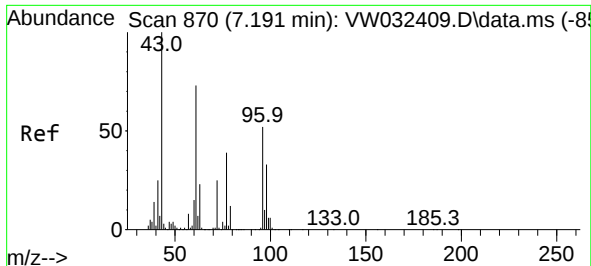
Tgt Ion:168 Resp: 212464
Ion Ratio Lower Upper
168 100
99 70.3 45.4 68.2#



#16
Acetone
Concen: 69.557 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

Tgt Ion: 43 Resp: 57001
Ion Ratio Lower Upper
43 100
58 26.2 24.8 37.2

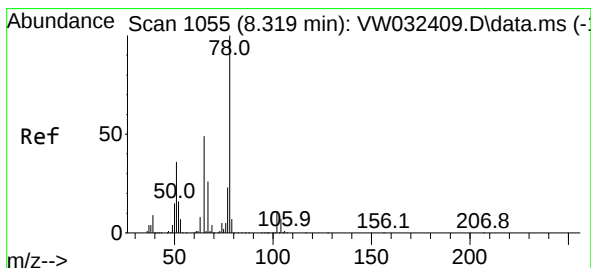
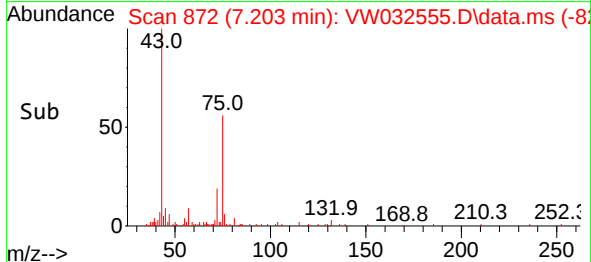
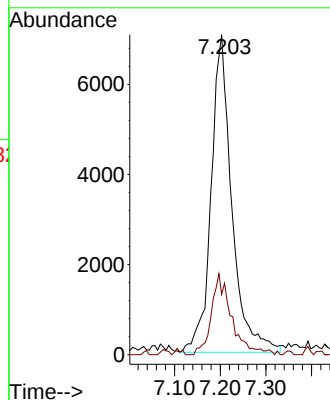
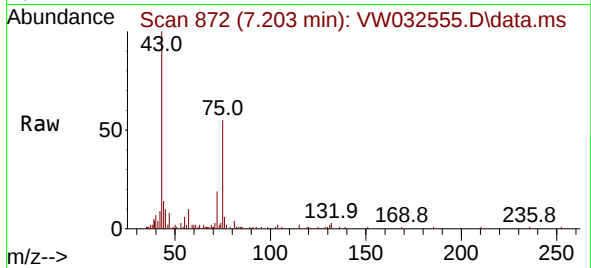




#25
2-Butanone
Concen: 18.469 ug/l
RT: 7.203 min Scan# 81
Delta R.T. 0.012 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

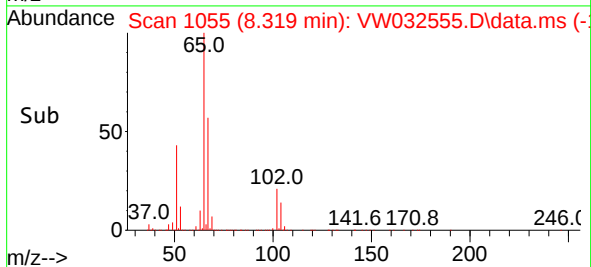
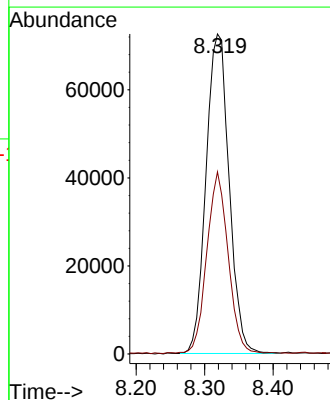
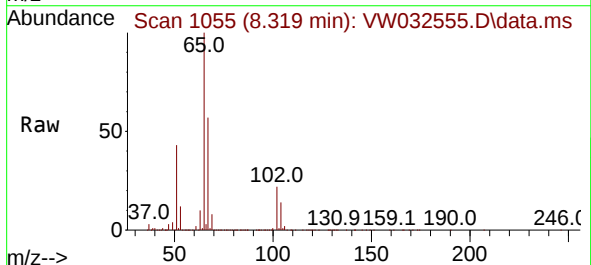
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-17B

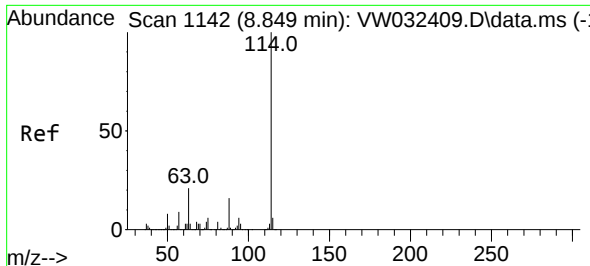
Tgt Ion: 43 Resp: 22298
Ion Ratio Lower Upper
43 100
72 18.3 20.0 30.0#



#33
1,2-Dichloroethane-d4
Concen: 62.018 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

Tgt Ion: 65 Resp: 169877
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.8

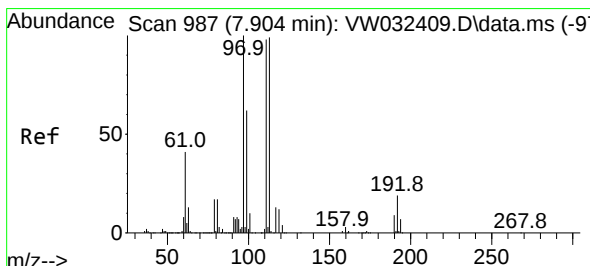
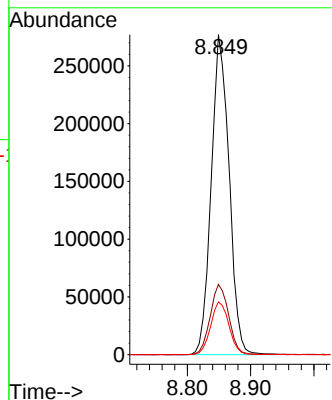
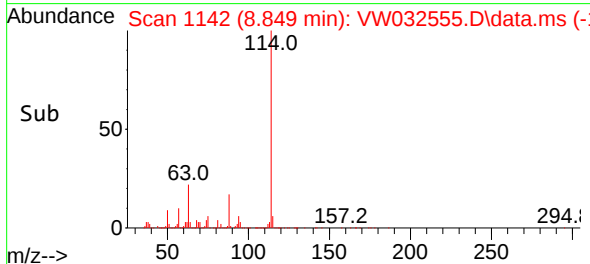
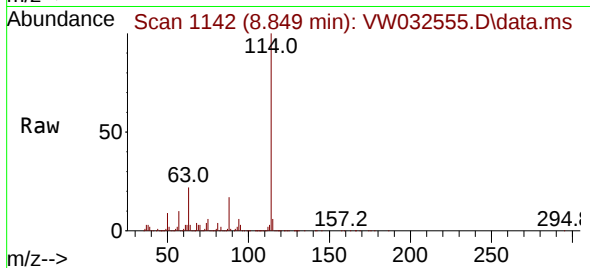




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

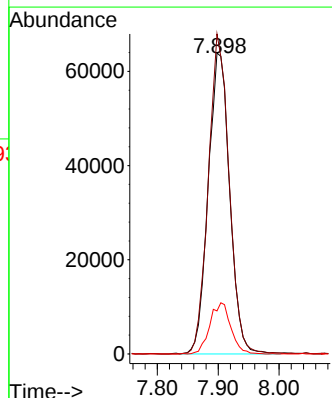
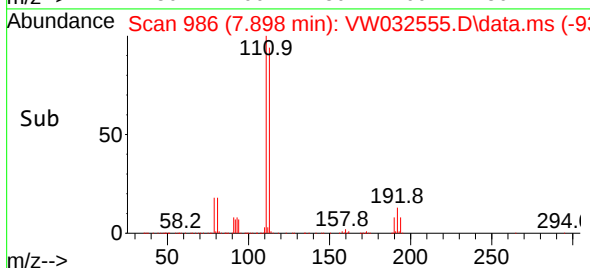
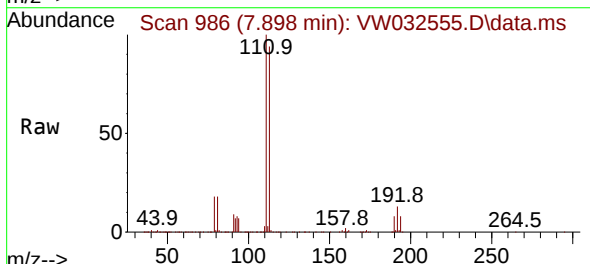
Instrument :
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SB-1125-17B

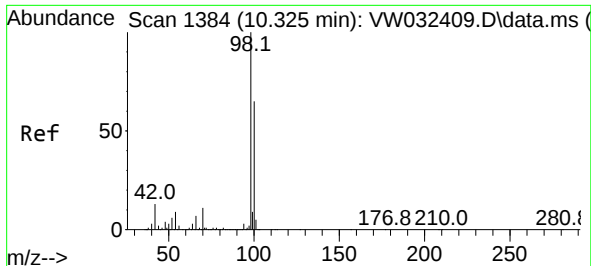
Tgt Ion:114 Resp: 543417
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.8
88 16.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.203 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

Tgt Ion:113 Resp: 156833
Ion Ratio Lower Upper
113 100
111 103.0 83.1 124.7
192 16.6 13.4 20.2

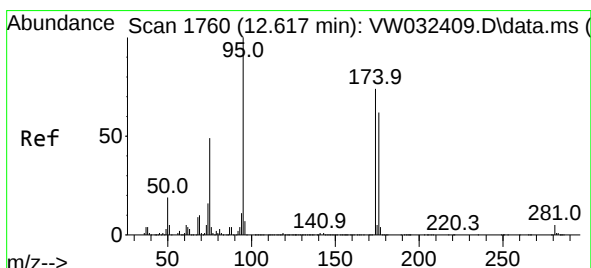
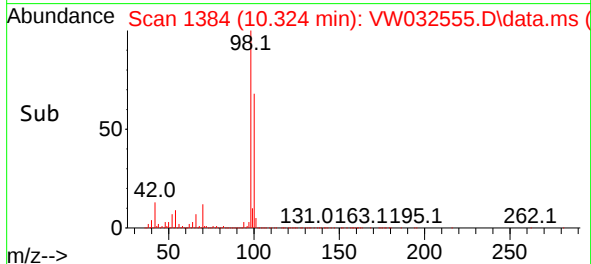
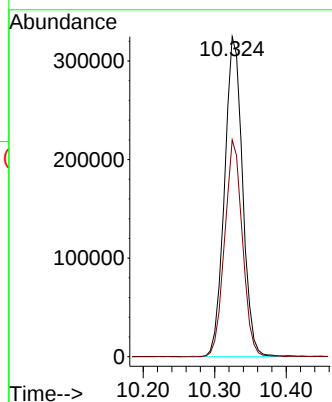
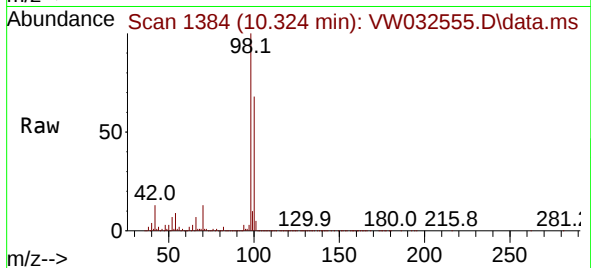




#50
Toluene-d8
Concen: 45.513 ug/l
RT: 10.324 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

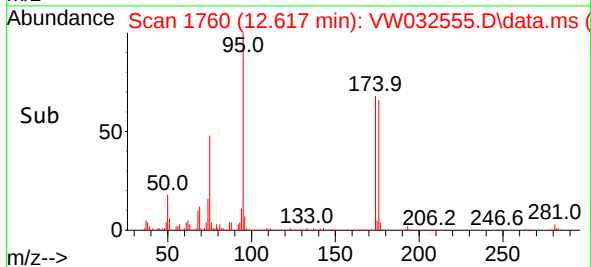
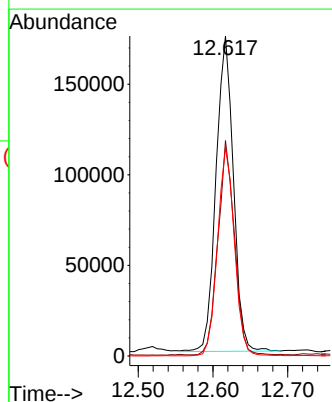
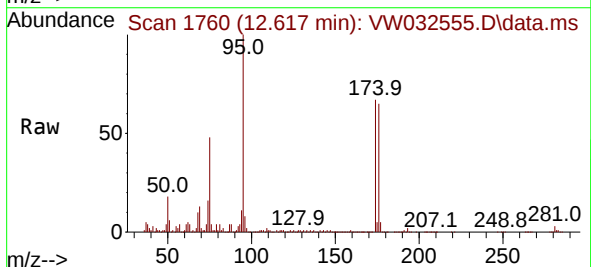
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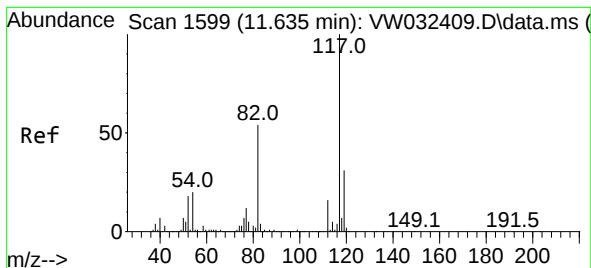
Tgt Ion: 98 Resp: 568078
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 59.640 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032555.D
Acq: 26 Nov 2025 19:23

Tgt Ion: 95 Resp: 281208
Ion Ratio Lower Upper
95 100
174 64.7 0.0 135.4
176 64.3 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032555.D

Acq: 26 Nov 2025 19:23

Instrument :

MSVOA_W

ClientSampleId :

SB-1125-17B

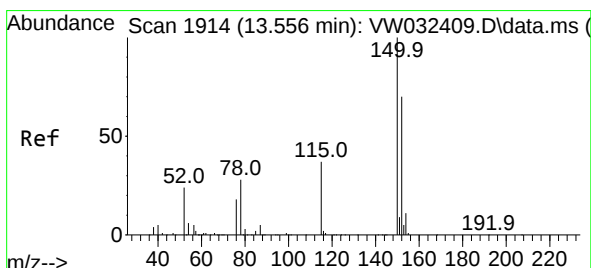
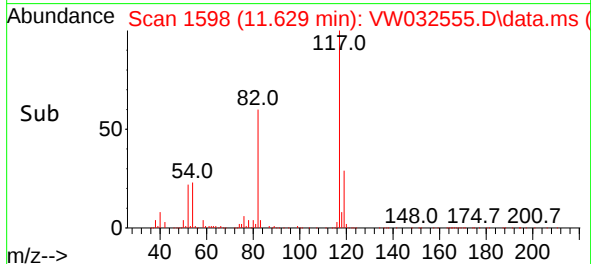
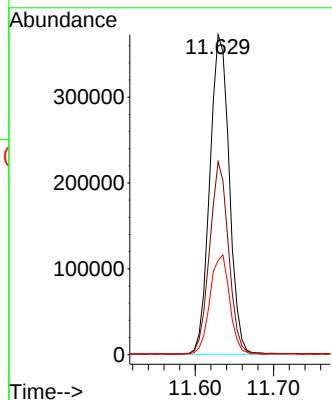
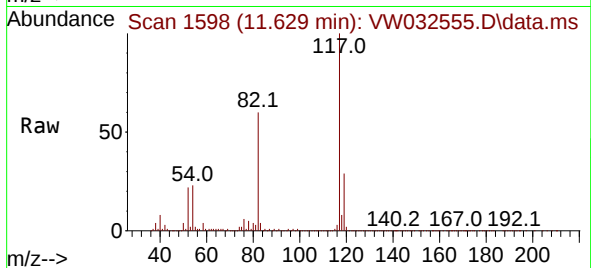
Tgt Ion:117 Resp: 642461

Ion Ratio Lower Upper

117 100

82 60.1 43.0 64.4

119 29.3 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: VW032555.D

Acq: 26 Nov 2025 19:23

Tgt Ion:152 Resp: 328212

Ion Ratio Lower Upper

152 100

115 62.6 32.8 98.3

150 148.1 0.0 356.6

