

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032089.D
 Acq On : 14 Aug 2025 13:31
 Operator : SY/MD
 Sample : Q2820-06
 Misc : 3.48g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 518R-N

Quant Time: Aug 18 03:51:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

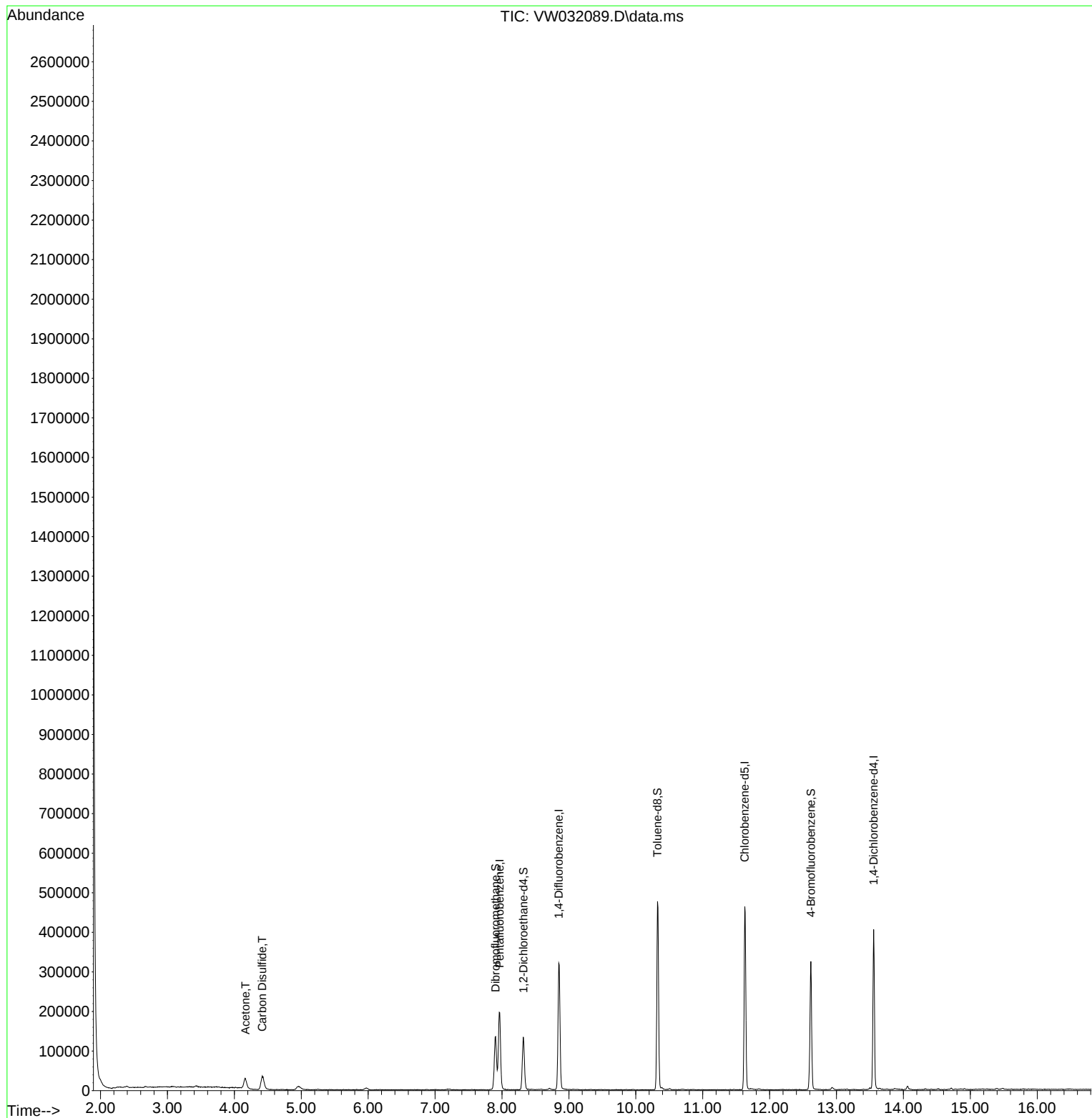
Internal Standards						
1) Pentafluorobenzene	7.965	168	136247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	267749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	243648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	97060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	107314	54.460	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	108.920%
35) Dibromofluoromethane	7.904	113	94768	54.787	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	109.580%
50) Toluene-d8	10.324	98	309363	48.354	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	96.700%
62) 4-Bromofluorobenzene	12.617	95	96648	40.992	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	81.980%
Target Compounds						
						Qvalue
16) Acetone	4.167	43	44326	97.158	ug/l	91
17) Carbon Disulfide	4.417	76	84838	19.129	ug/l #	92

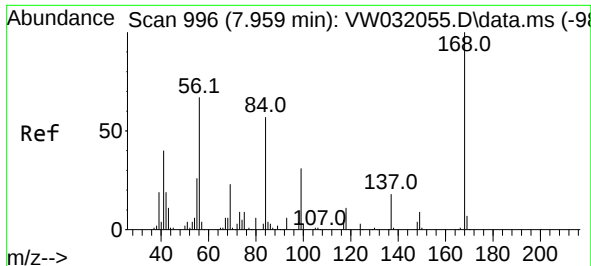
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
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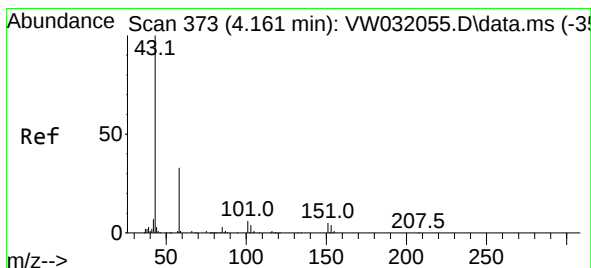
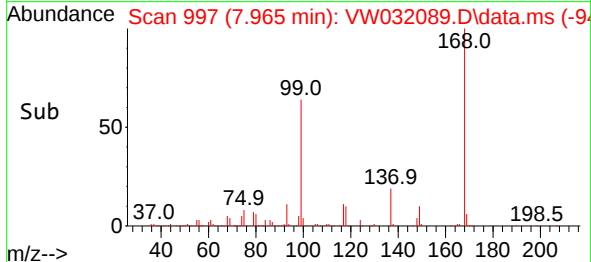
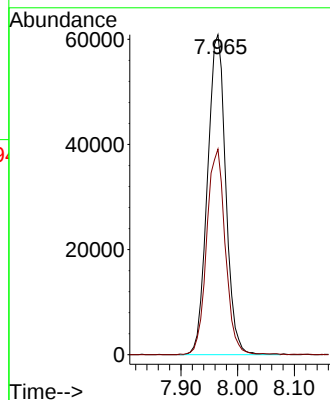
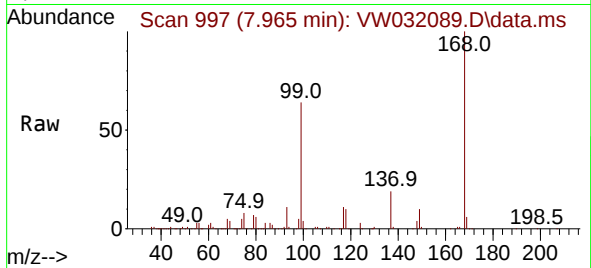




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032089.D
Acq: 14 Aug 2025 13:31

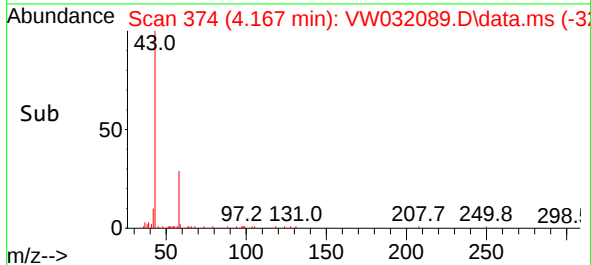
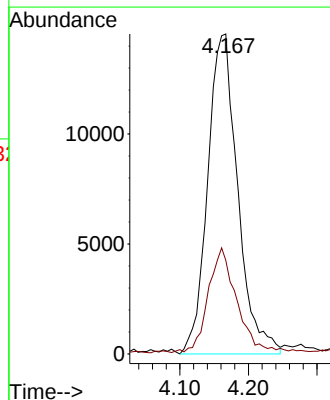
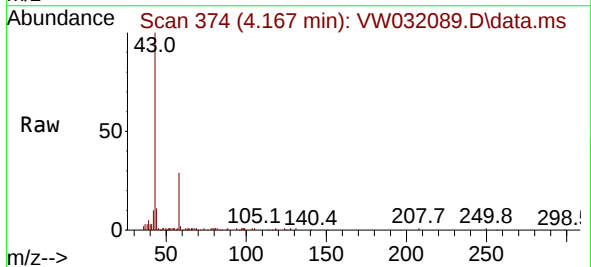
Instrument :
MSVOA_W
ClientSampleId :
518R-N

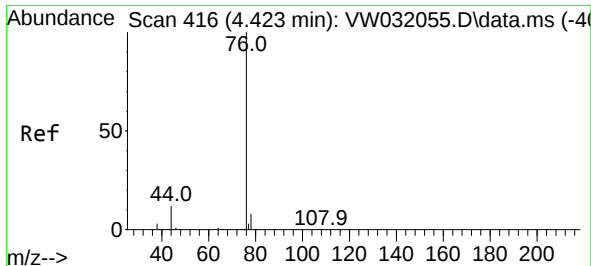
Tgt Ion:168 Resp: 136247
Ion Ratio Lower Upper
168 100
99 64.1 56.0 84.0



#16
Acetone
Concen: 97.158 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032089.D
Acq: 14 Aug 2025 13:31

Tgt Ion: 43 Resp: 44326
Ion Ratio Lower Upper
43 100
58 27.9 26.6 39.8

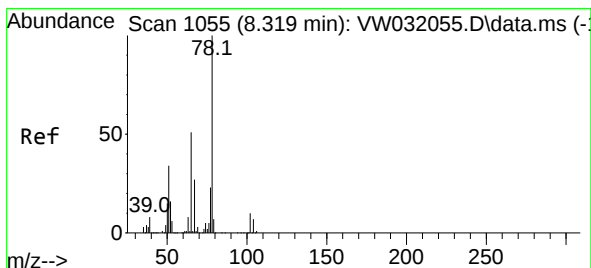
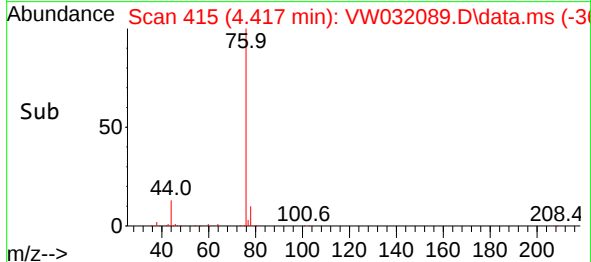
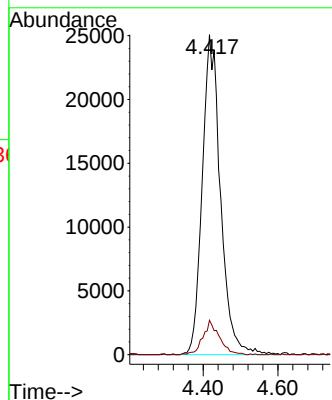
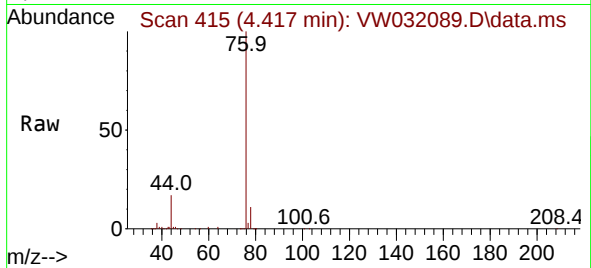




#17
Carbon Disulfide
Concen: 19.129 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032089.D
Acq: 14 Aug 2025 13:31

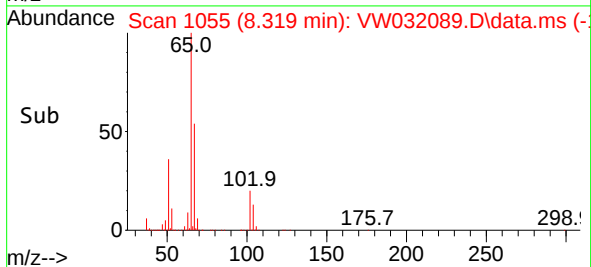
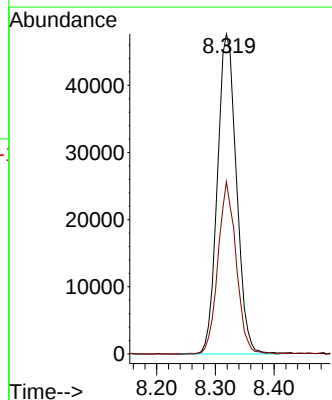
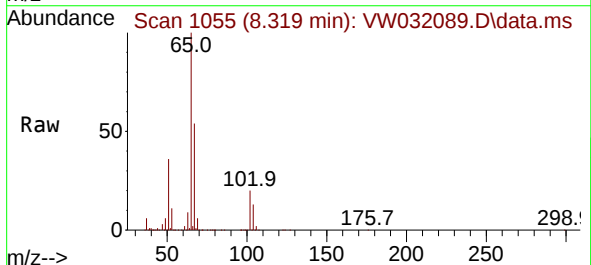
Instrument :
MSVOA_W
ClientSampleId :
518R-N

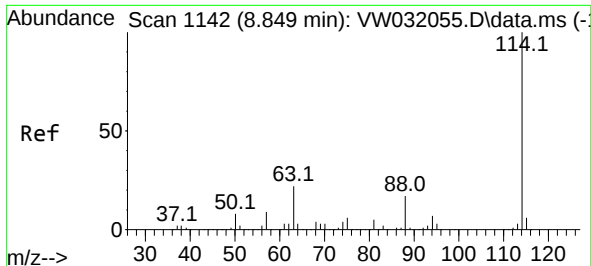
Tgt Ion: 76 Resp: 84838
Ion Ratio Lower Upper
76 100
78 10.7 6.4 9.6#



#33
1,2-Dichloroethane-d4
Concen: 54.460 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032089.D
Acq: 14 Aug 2025 13:31

Tgt Ion: 65 Resp: 107314
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VW032089.D

Acq: 14 Aug 2025 13:31

Instrument :

MSVOA_W

ClientSampleId :

518R-N

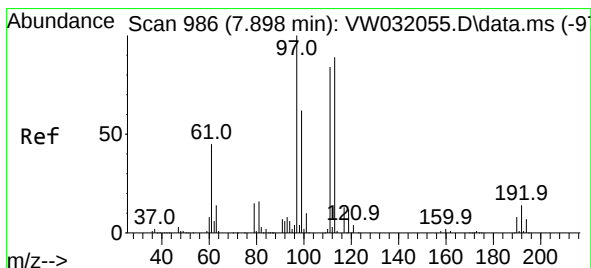
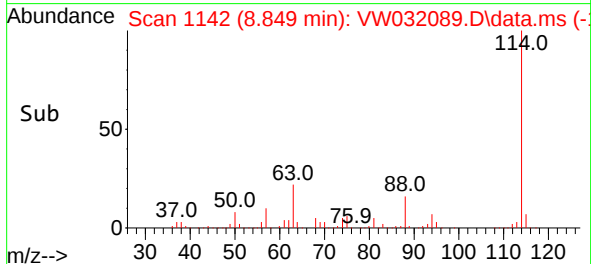
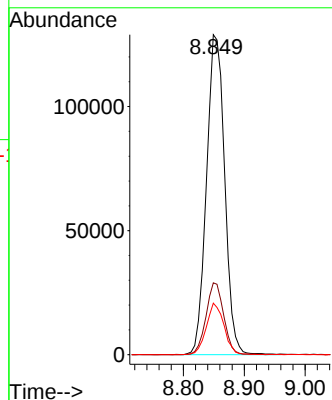
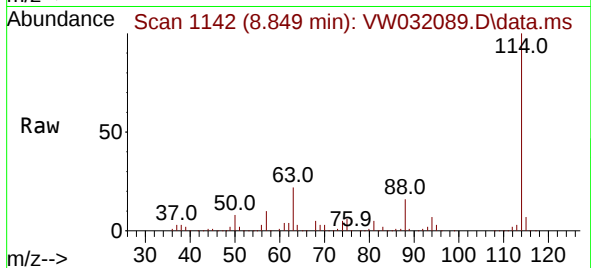
Tgt Ion:114 Resp: 267749

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.0

88 16.1 0.0 33.8



#35

Dibromofluoromethane

Concen: 54.787 ug/l

RT: 7.904 min Scan# 987

Delta R.T. 0.006 min

Lab File: VW032089.D

Acq: 14 Aug 2025 13:31

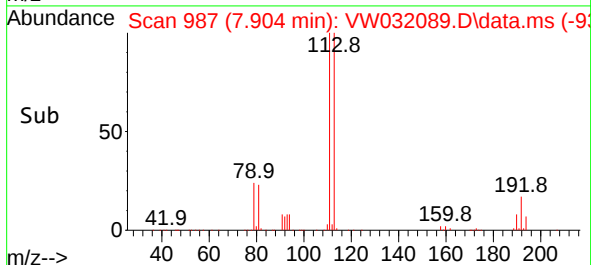
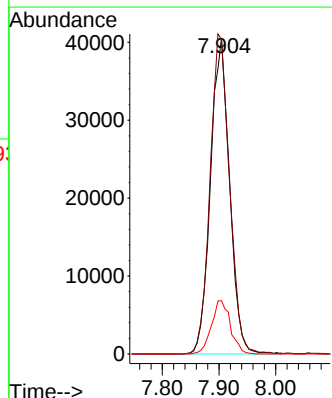
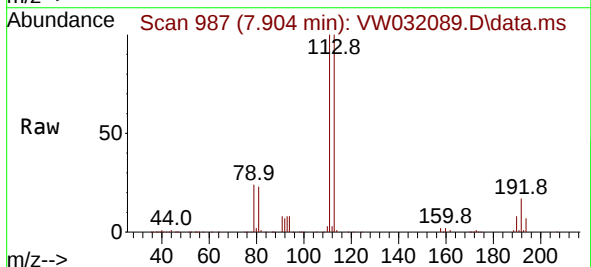
Tgt Ion:113 Resp: 94768

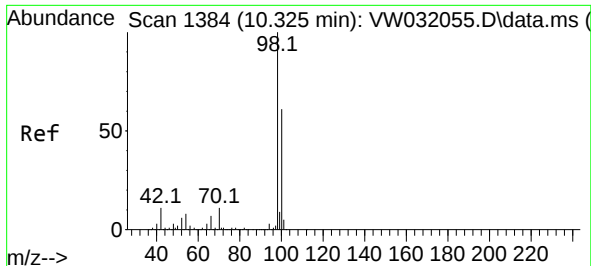
Ion Ratio Lower Upper

113 100

111 103.2 80.1 120.1

192 16.8 13.1 19.7

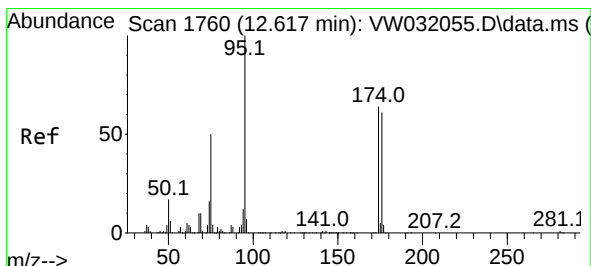
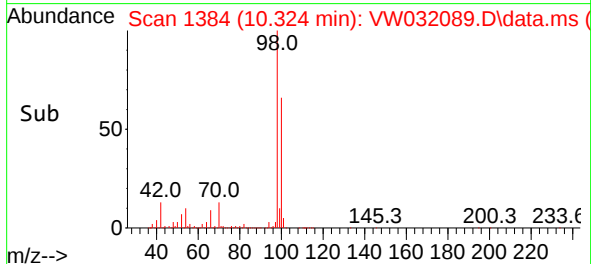
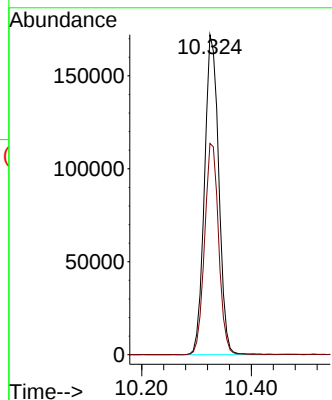
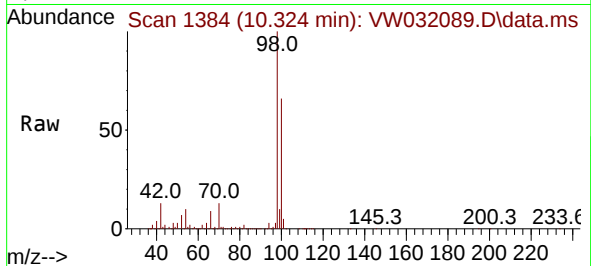




#50
Toluene-d8
Concen: 48.354 ug/l
RT: 10.324 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032089.D
Acq: 14 Aug 2025 13:31

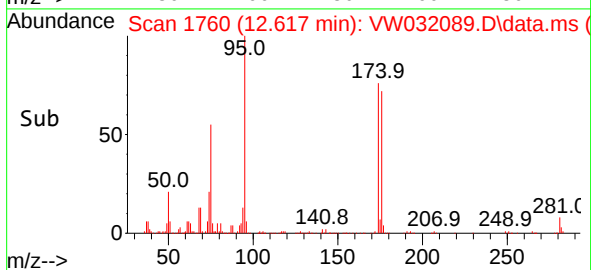
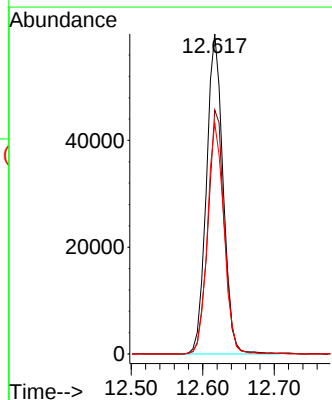
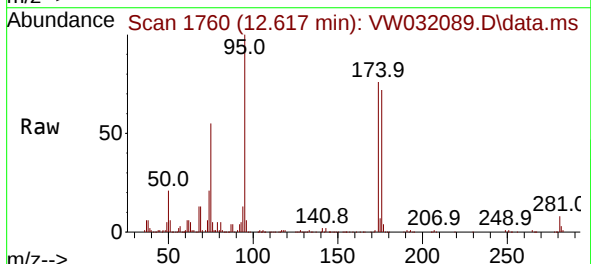
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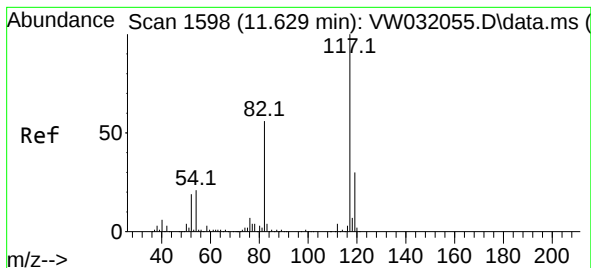
Tgt Ion: 98 Resp: 309363
Ion Ratio Lower Upper
98 100
100 65.2 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 40.992 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032089.D
Acq: 14 Aug 2025 13:31

Tgt Ion: 95 Resp: 96648
Ion Ratio Lower Upper
95 100
174 75.3 0.0 129.0
176 71.9 0.0 124.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032089.D

Acq: 14 Aug 2025 13:31

Instrument :

MSVOA_W

ClientSampleId :

518R-N

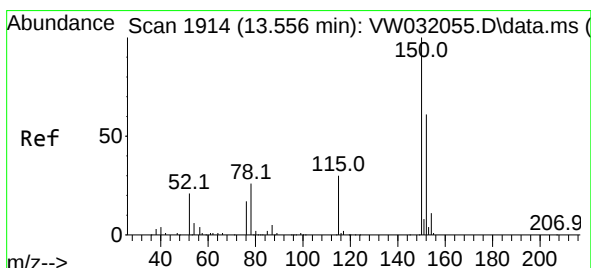
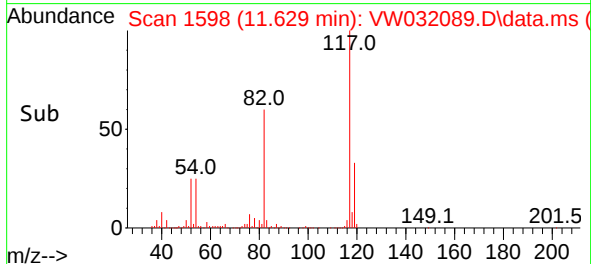
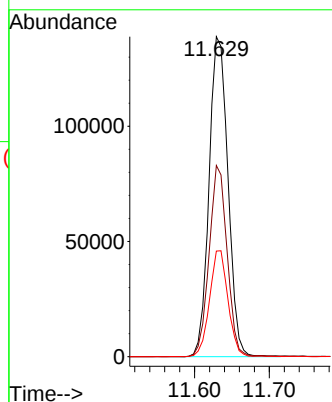
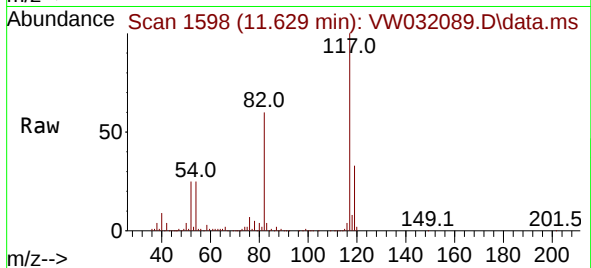
Tgt Ion:117 Resp: 243648

Ion Ratio Lower Upper

117 100

82 59.7 45.0 67.4

119 33.0 24.2 36.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032089.D

Acq: 14 Aug 2025 13:31

Tgt Ion:152 Resp: 97060

Ion Ratio Lower Upper

152 100

115 63.9 32.6 97.8

150 155.7 0.0 359.4

