

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032123.D
 Acq On : 22 Aug 2025 19:46
 Operator : SY/MD
 Sample : Q2928-02
 Misc : 7.16g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 27-BELL

Quant Time: Aug 25 04:02:47 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)

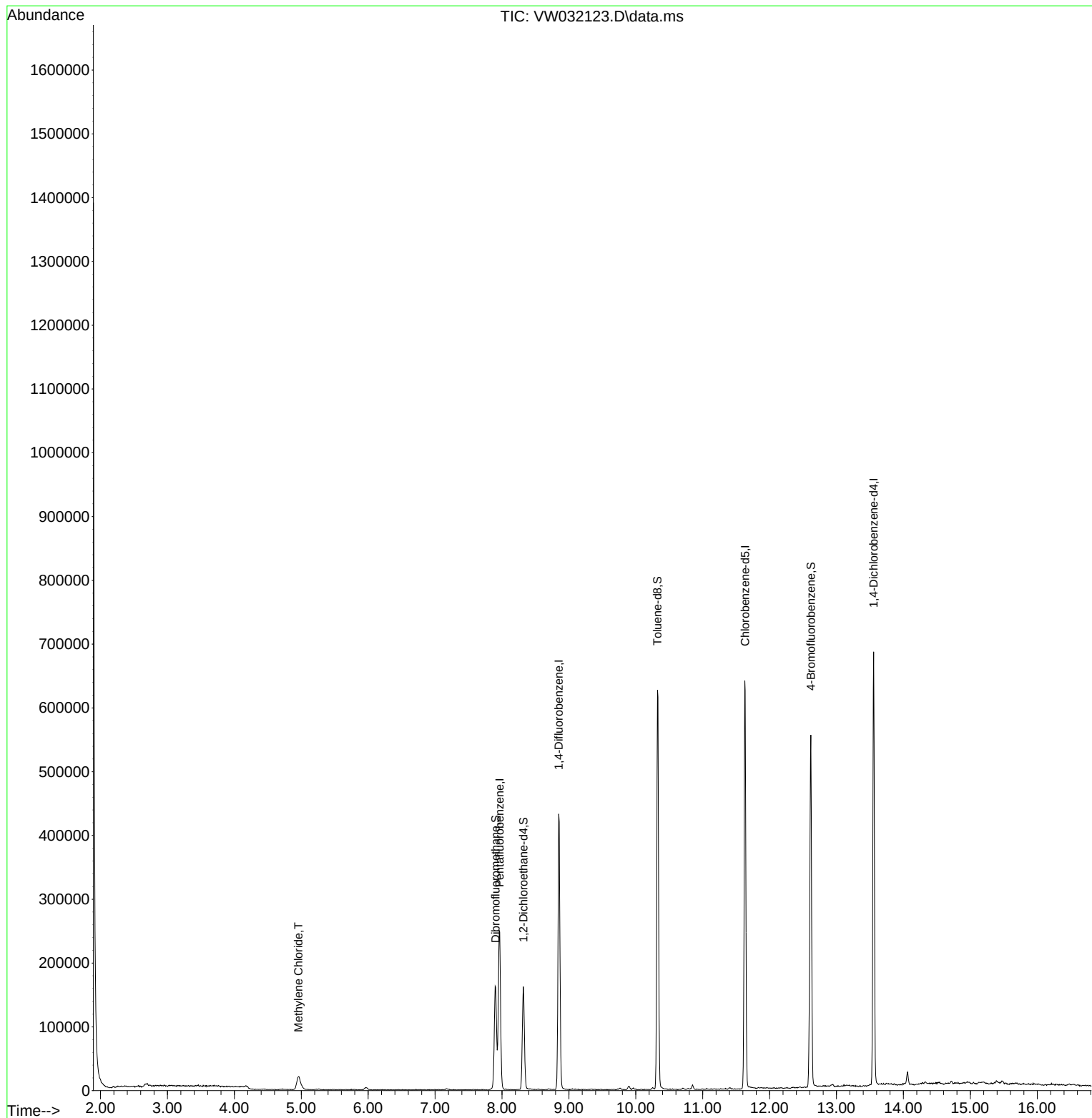
Internal Standards						
1) Pentafluorobenzene	7.965	168	183461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	365151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	344552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	168107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	131254	49.467	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.940%
35) Dibromofluoromethane	7.904	113	117096	49.638	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	99.280%
50) Toluene-d8	10.325	98	418031	47.910	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	95.820%
62) 4-Bromofluorobenzene	12.617	95	157703	49.046	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.100%
Target Compounds						
20) Methylene Chloride	4.960	84	18388	6.474	ug/l	Qvalue 97

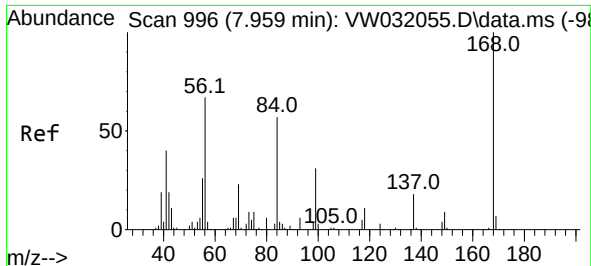
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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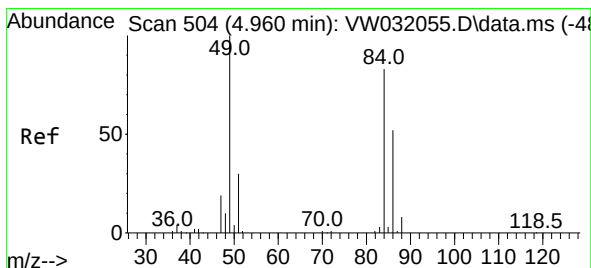
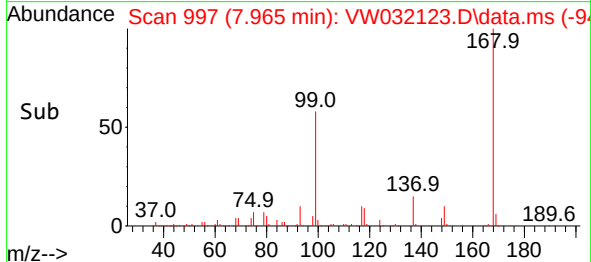
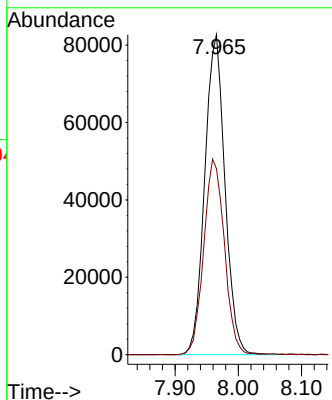
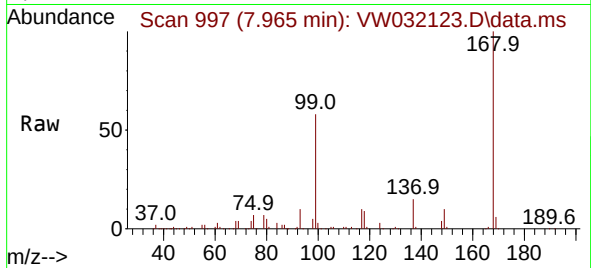




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032123.D
Acq: 22 Aug 2025 19:46

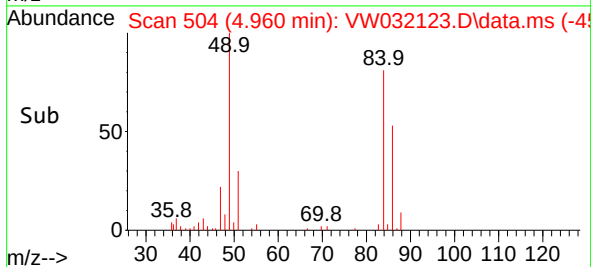
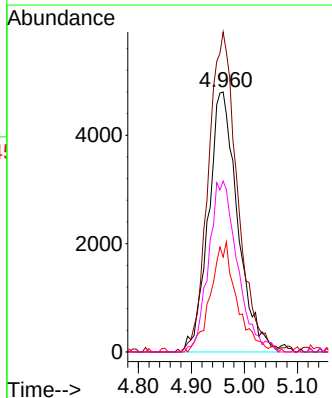
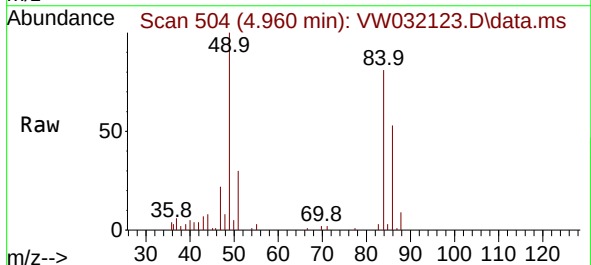
Instrument :
MSVOA_W
ClientSampleId :
27-BELL

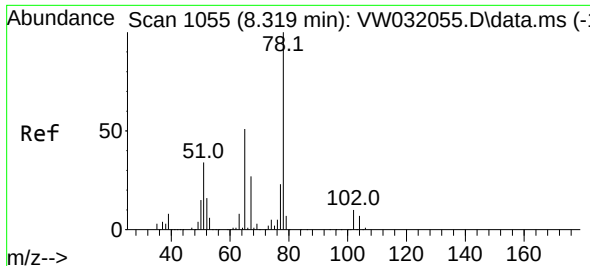
Tgt Ion:168 Resp: 183461
Ion Ratio Lower Upper
168 100
99 58.0 56.0 84.0



#20
Methylene Chloride
Concen: 6.474 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.000 min
Lab File: VW032123.D
Acq: 22 Aug 2025 19:46

Tgt Ion: 84 Resp: 18388
Ion Ratio Lower Upper
84 100
49 122.0 95.9 143.9
51 36.5 28.6 43.0
86 65.7 49.6 74.4

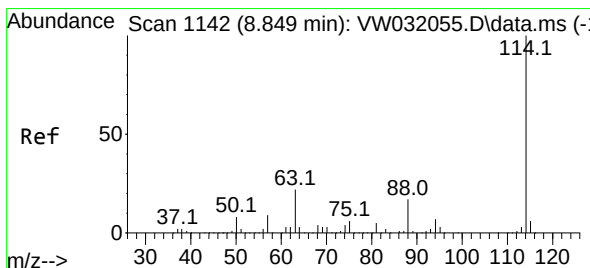
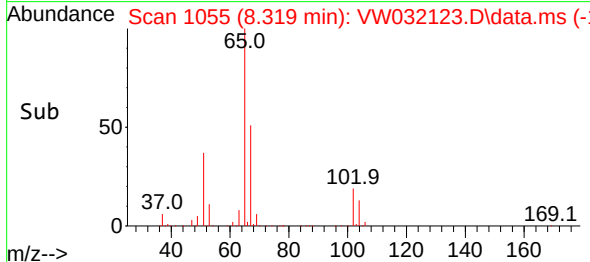
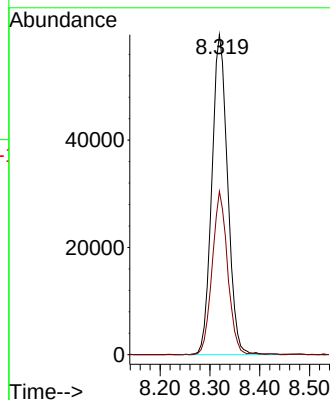
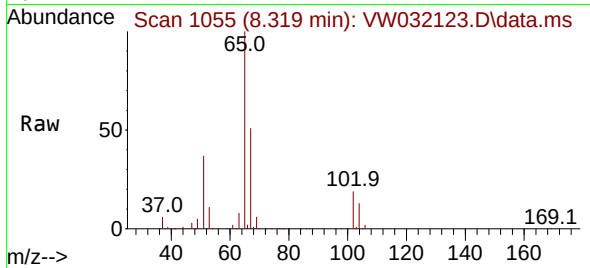




#33
 1,2-Dichloroethane-d4
 Concen: 49.467 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032123.D
 Acq: 22 Aug 2025 19:46

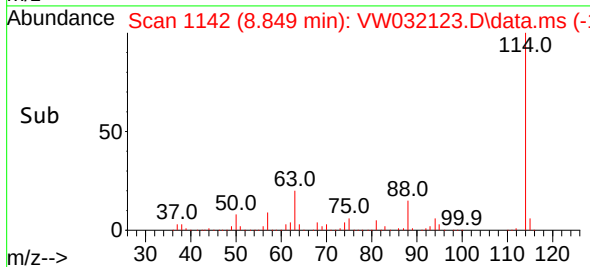
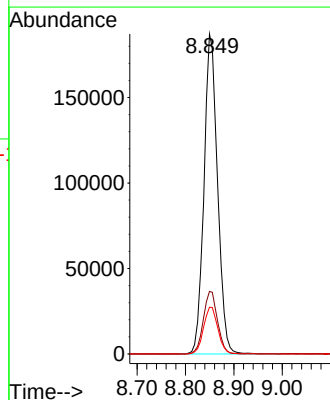
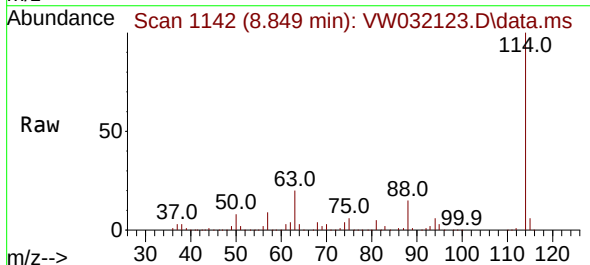
Instrument :
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 ClientSampleId :
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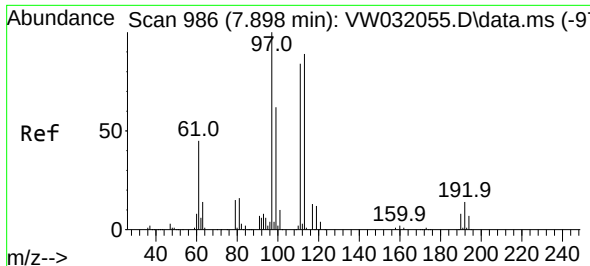
Tgt Ion: 65 Resp: 131254
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032123.D
 Acq: 22 Aug 2025 19:46

Tgt Ion: 114 Resp: 365151
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.0
 88 14.6 0.0 33.8

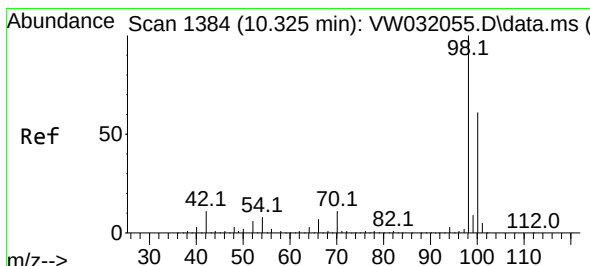
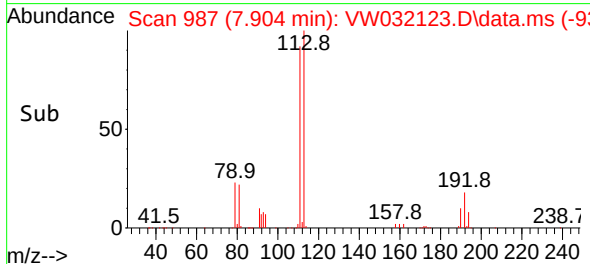
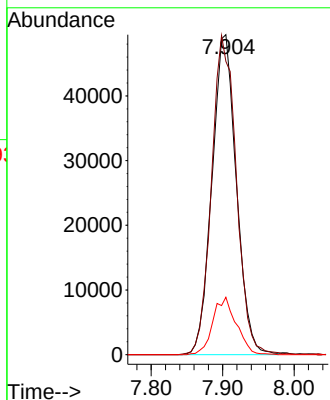
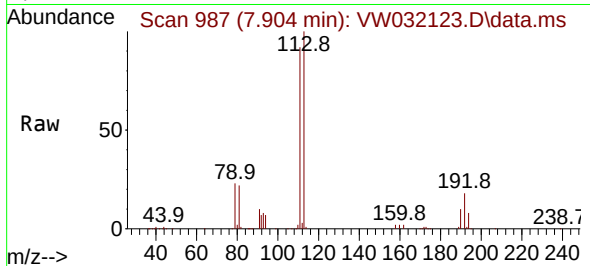




#35
 Dibromofluoromethane
 Concen: 49.638 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VW032123.D
 Acq: 22 Aug 2025 19:46

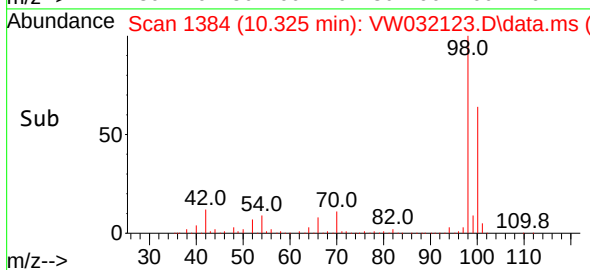
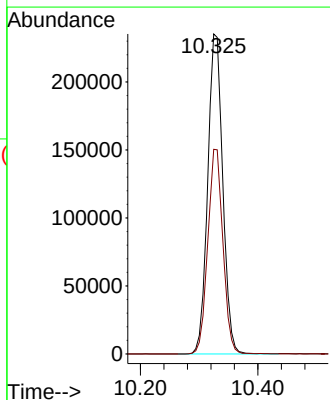
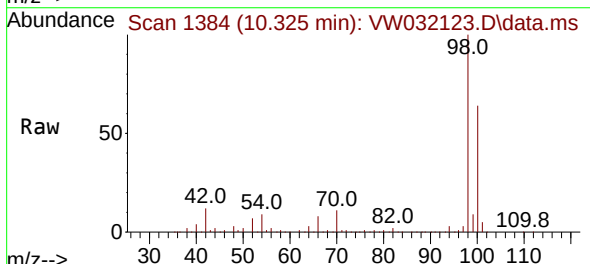
Instrument :
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 ClientSampleId :
 27-BELL

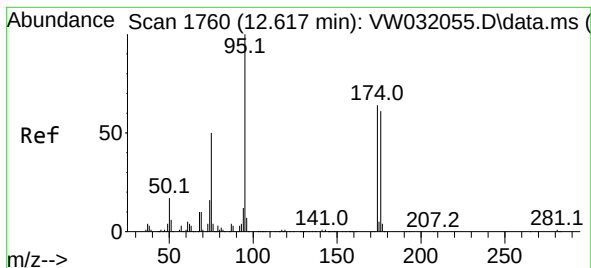
Tgt Ion:113 Resp: 117096
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.1 120.1
 192 17.4 13.1 19.7



#50
 Toluene-d8
 Concen: 47.910 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW032123.D
 Acq: 22 Aug 2025 19:46

Tgt Ion: 98 Resp: 418031
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.1 76.7

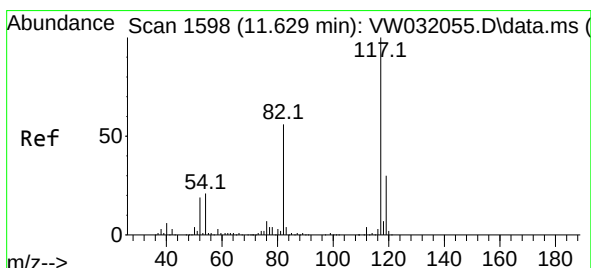
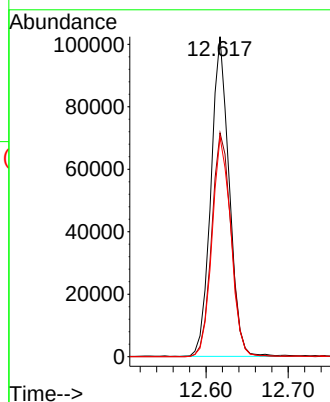
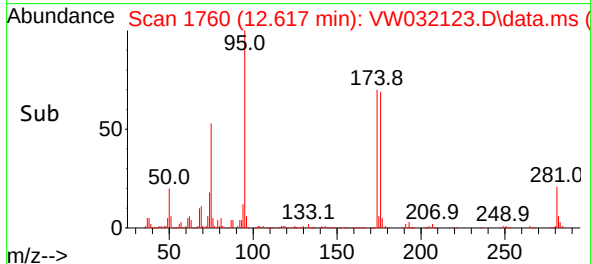
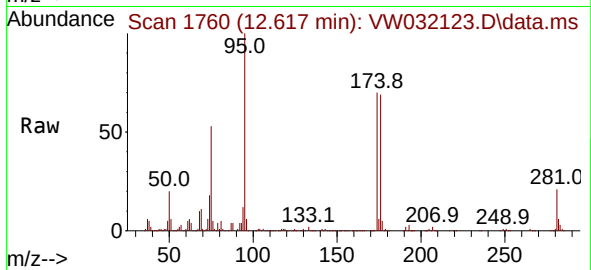




#62
4-Bromofluorobenzene
Concen: 49.046 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032123.D
Acq: 22 Aug 2025 19:46

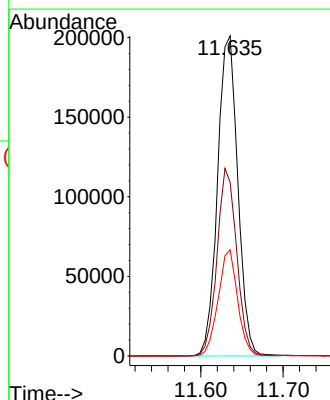
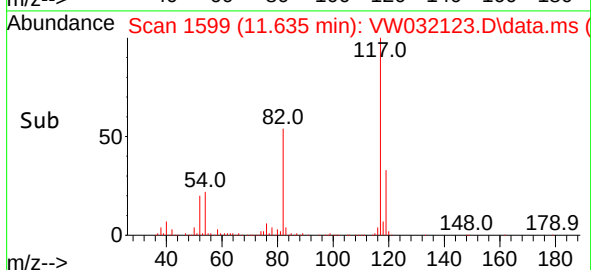
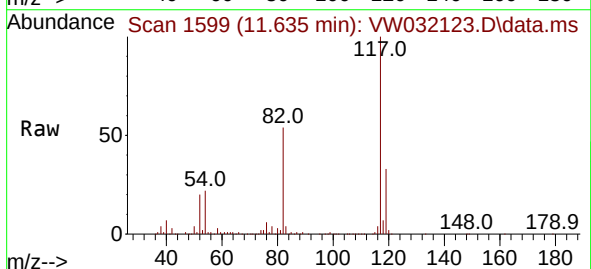
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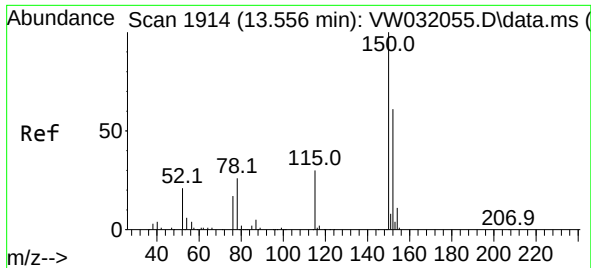
Tgt Ion: 95 Resp: 157703
Ion Ratio Lower Upper
95 100
174 74.8 0.0 129.0
176 70.9 0.0 124.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032123.D
Acq: 22 Aug 2025 19:46

Tgt Ion:117 Resp: 344552
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 33.1 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: VW032123.D
 Acq: 22 Aug 2025 19:46

Instrument :
 MSVOA_W
 ClientSampleId :
 27-BELL

Tgt Ion:152 Resp: 168107
 Ion Ratio Lower Upper
 152 100
 115 62.2 32.6 97.8
 150 166.1 0.0 359.4

