

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031784.D
 Acq On : 09 Jul 2025 18:14
 Operator : SY/MD
 Sample : Q2529-07
 Misc : 6.07g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-101

Quant Time: Jul 10 01:30:47 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)

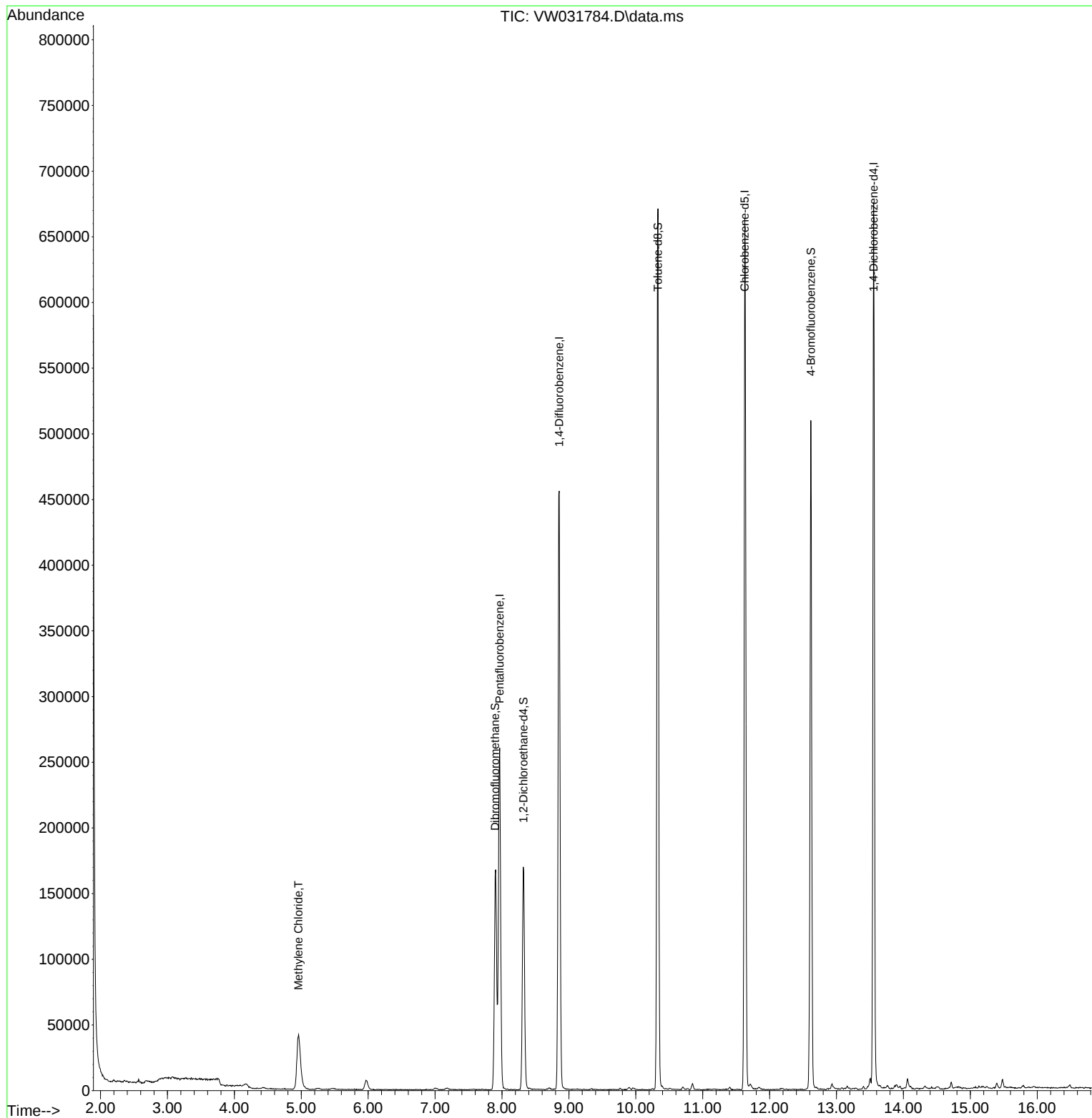
Internal Standards						
1) Pentafluorobenzene	7.965	168	177054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	386957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	356951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	167152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	143467	56.463	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	112.920%	
35) Dibromofluoromethane	7.898	113	120528	47.733	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	95.460%	
50) Toluene-d8	10.331	98	447875	47.663	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	95.320%	
62) 4-Bromofluorobenzene	12.617	95	171067	49.470	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	98.940%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.960	84	37228	11.259	ug/l	97

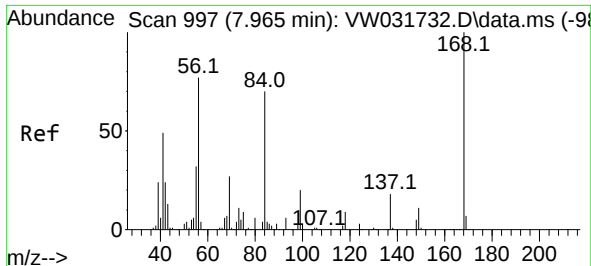
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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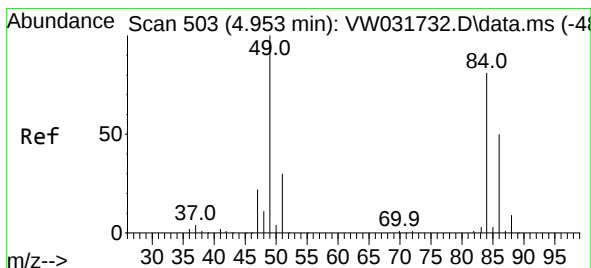
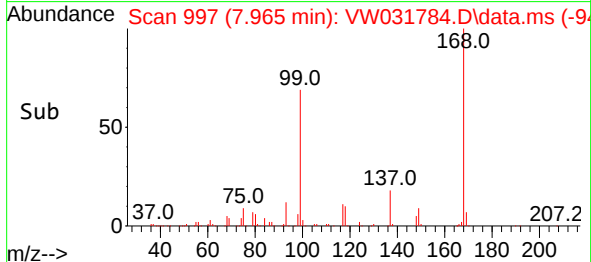
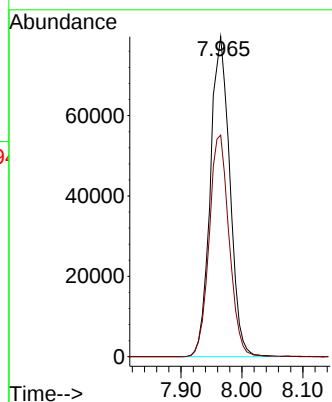
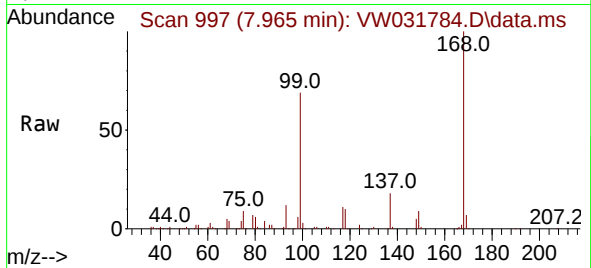




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031784.D
Acq: 09 Jul 2025 18:14

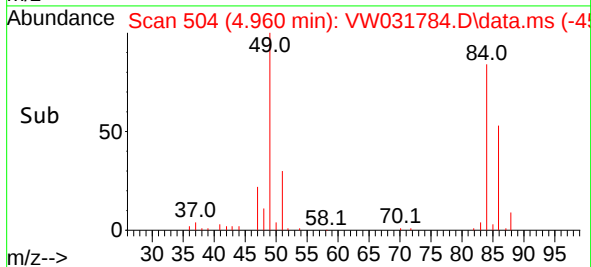
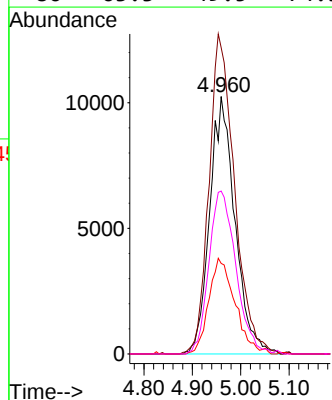
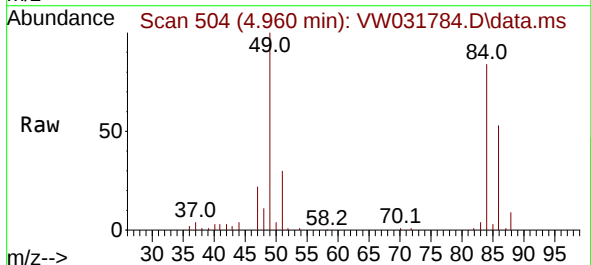
Instrument :
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TP-101

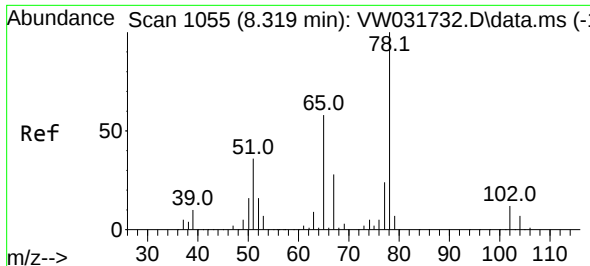
Tgt Ion:168 Resp: 177054
Ion Ratio Lower Upper
168 100
99 69.3 49.4 74.2



#20
Methylene Chloride
Concen: 11.259 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031784.D
Acq: 09 Jul 2025 18:14

Tgt Ion: 84 Resp: 37228
Ion Ratio Lower Upper
84 100
49 119.0 98.2 147.4
51 35.2 29.8 44.8
86 63.3 49.5 74.3

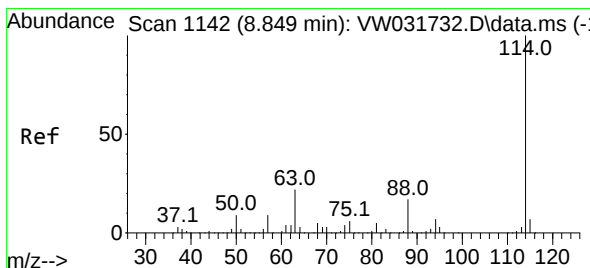
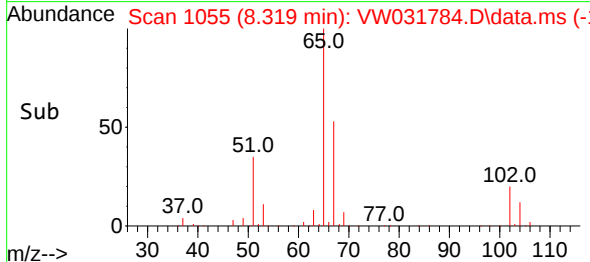
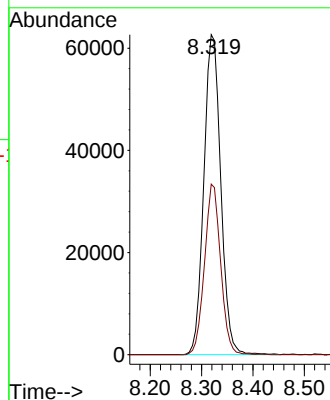
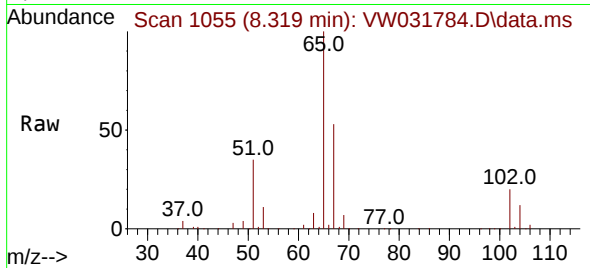




#33
 1,2-Dichloroethane-d4
 Concen: 56.463 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031784.D
 Acq: 09 Jul 2025 18:14

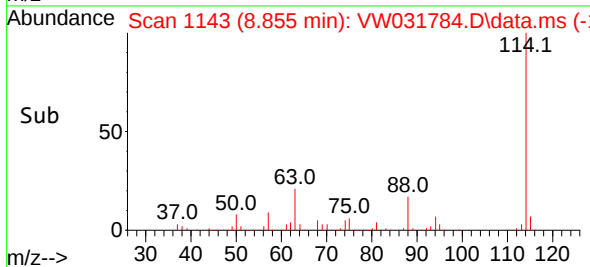
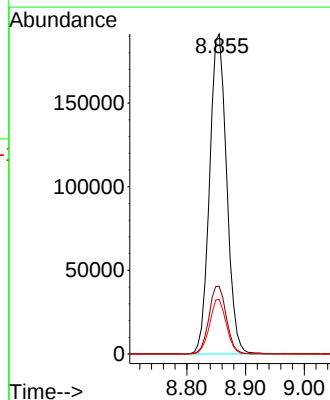
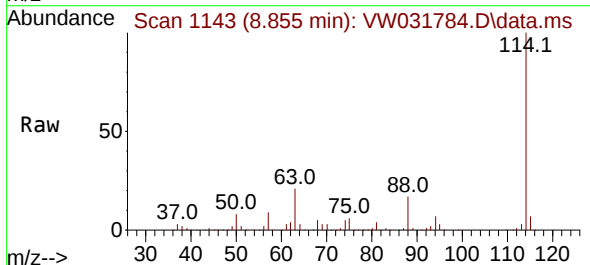
Instrument :
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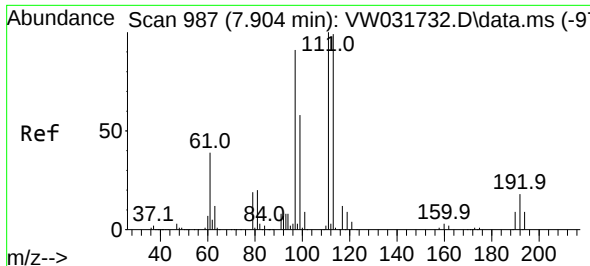
Tgt Ion: 65 Resp: 143467
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031784.D
 Acq: 09 Jul 2025 18:14

Tgt Ion: 114 Resp: 386957
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.6
 88 17.0 0.0 34.2

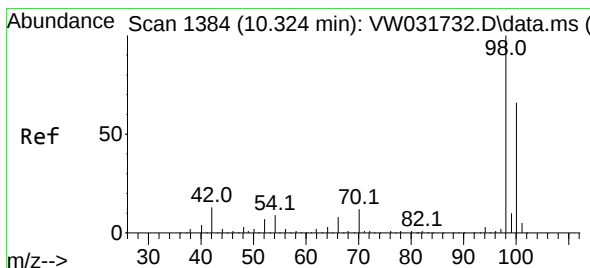
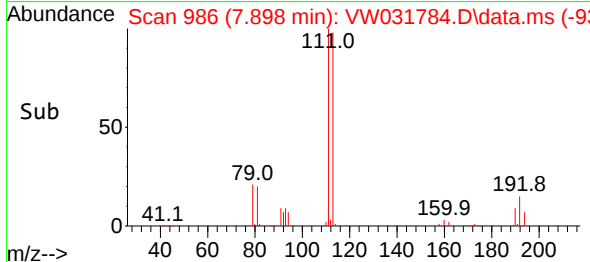
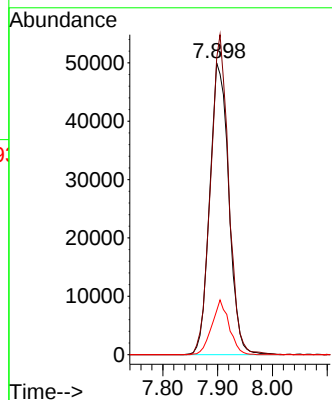
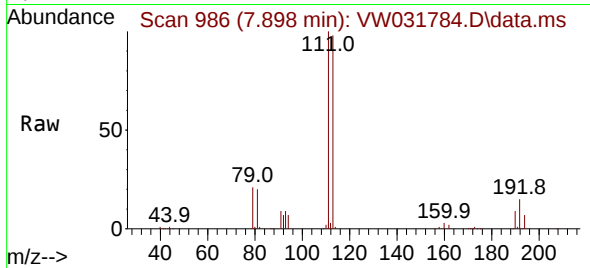




#35
 Dibromofluoromethane
 Concen: 47.733 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031784.D
 Acq: 09 Jul 2025 18:14

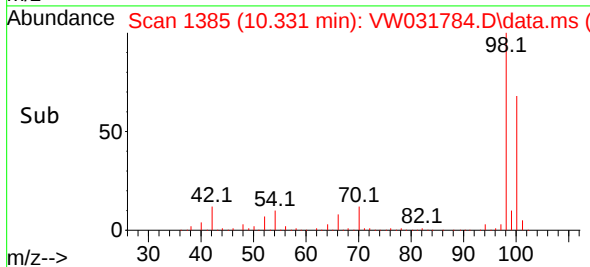
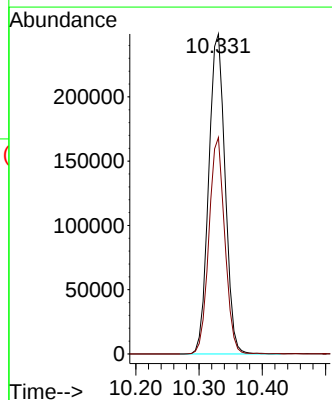
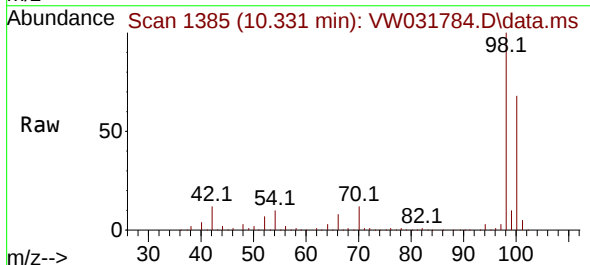
Instrument :
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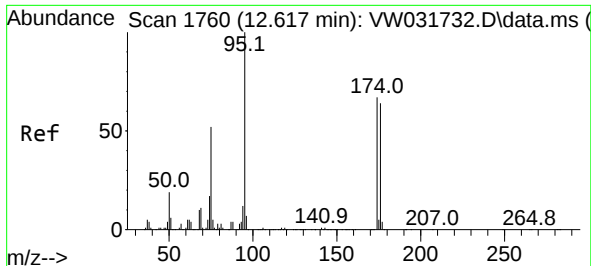
Tgt Ion:113 Resp: 120528
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.1 123.1
 192 17.0 13.8 20.6



#50
 Toluene-d8
 Concen: 47.663 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW031784.D
 Acq: 09 Jul 2025 18:14

Tgt Ion: 98 Resp: 447875
 Ion Ratio Lower Upper
 98 100
 100 65.5 53.0 79.4

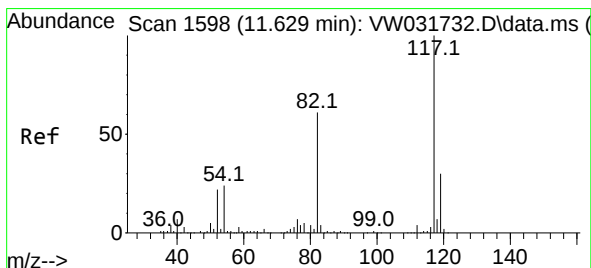
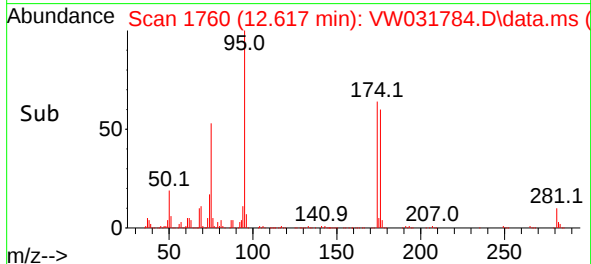
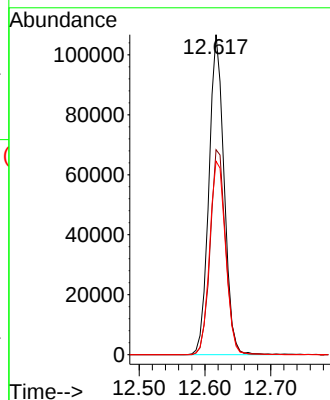
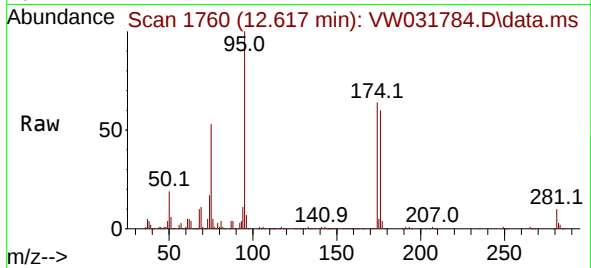




#62
4-Bromofluorobenzene
Concen: 49.470 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031784.D
Acq: 09 Jul 2025 18:14

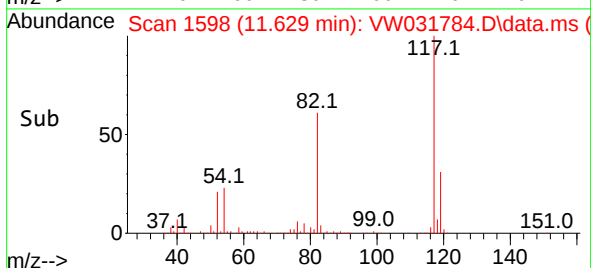
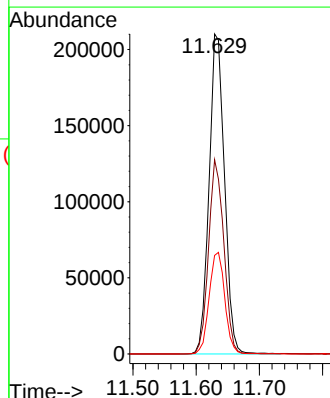
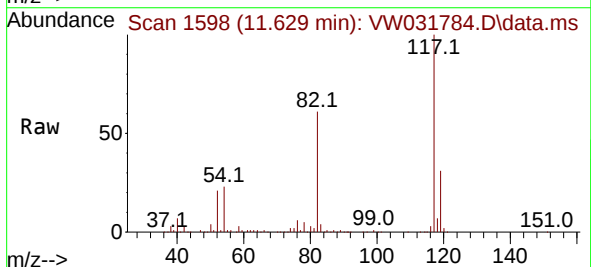
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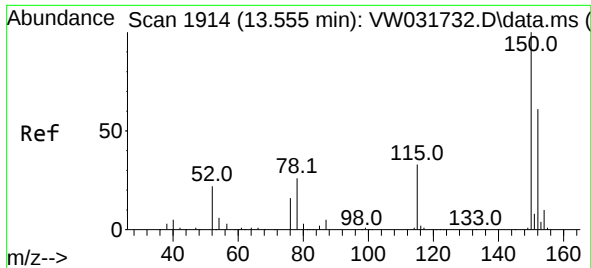
Tgt Ion: 95 Resp: 171067
Ion Ratio Lower Upper
95 100
174 65.5 0.0 133.8
176 63.7 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW031784.D
Acq: 09 Jul 2025 18:14

Tgt Ion: 117 Resp: 356951
Ion Ratio Lower Upper
117 100
82 60.7 48.6 72.8
119 30.8 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: VW031784.D
 Acq: 09 Jul 2025 18:14

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-101

Tgt Ion:152 Resp: 167152
 Ion Ratio Lower Upper
 152 100
 115 66.1 31.9 95.7
 150 154.5 0.0 356.4

