

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031786.D
 Acq On : 09 Jul 2025 18:57
 Operator : SY/MD
 Sample : Q2529-09
 Misc : 6.38g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-33

Quant Time: Jul 10 03:01:59 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)

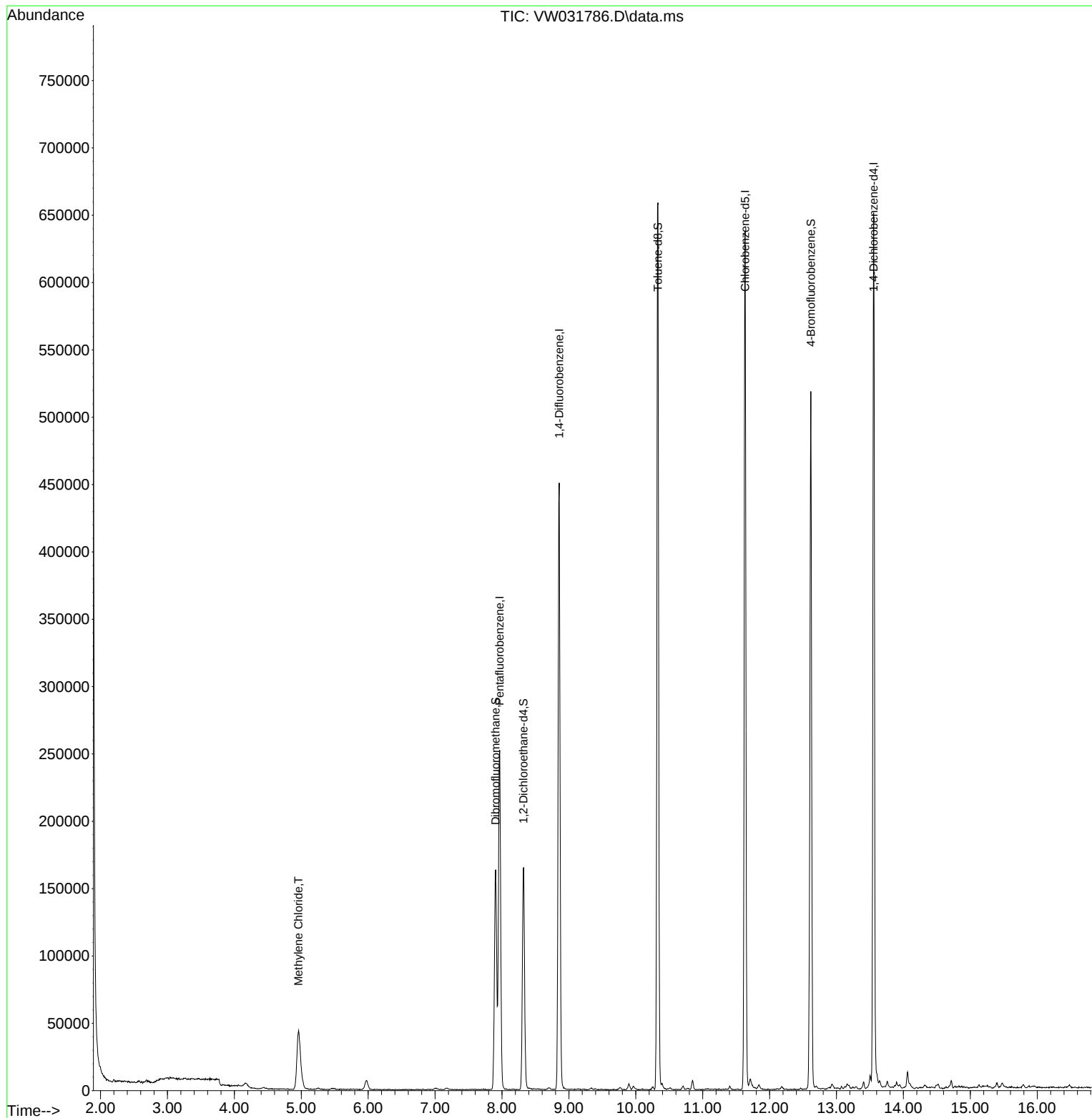
Internal Standards						
1) Pentafluorobenzene	7.965	168	174274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	375662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	342128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	169007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	139371	55.725	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	111.460%
35) Dibromofluoromethane	7.904	113	117509	47.936	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	95.880%
50) Toluene-d8	10.331	98	444502	48.726	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.617	95	161236	48.029	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.060%
Target Compounds						
20) Methylene Chloride	4.960	84	39635	12.566	ug/l	Qvalue 97

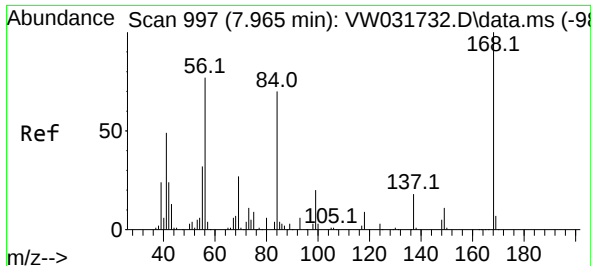
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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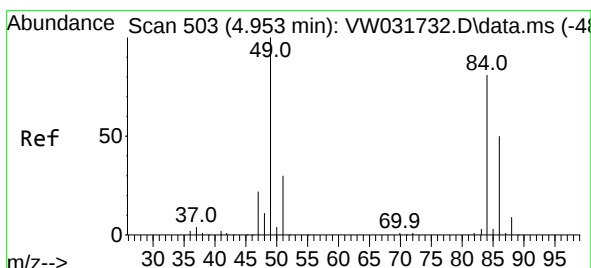
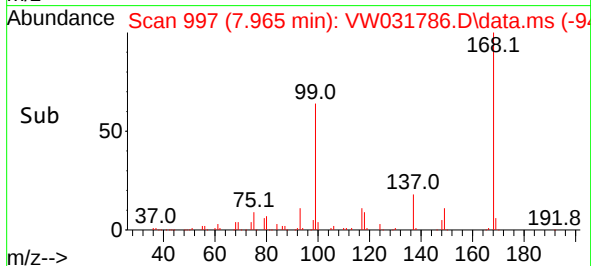
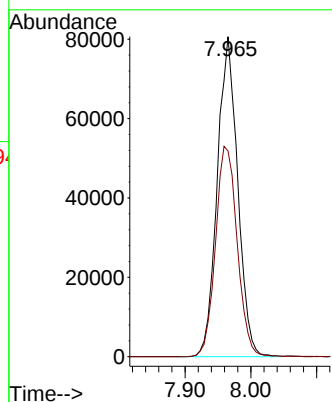
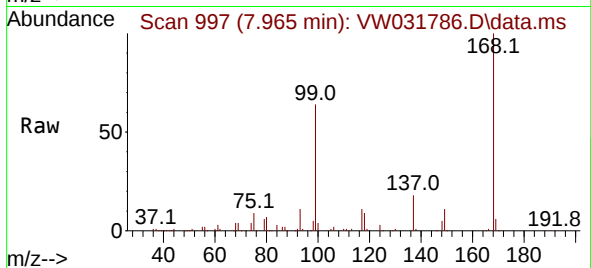




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031786.D
Acq: 09 Jul 2025 18:57

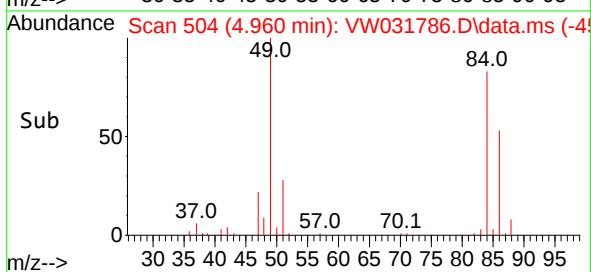
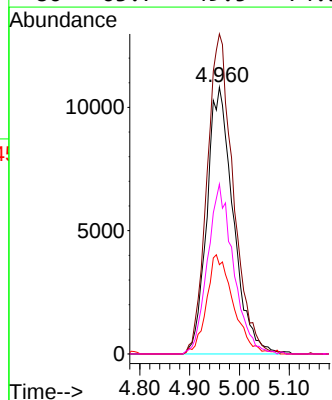
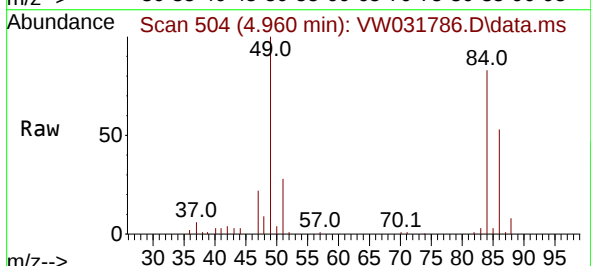
Instrument :
MSVOA_W
ClientSampleId :
TP-33

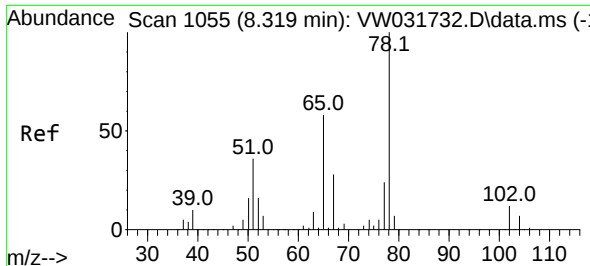
Tgt Ion:168 Resp: 174274
Ion Ratio Lower Upper
168 100
99 64.3 49.4 74.2



#20
Methylene Chloride
Concen: 12.566 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031786.D
Acq: 09 Jul 2025 18:57

Tgt Ion: 84 Resp: 39635
Ion Ratio Lower Upper
84 100
49 120.0 98.2 147.4
51 33.5 29.8 44.8
86 63.7 49.5 74.3

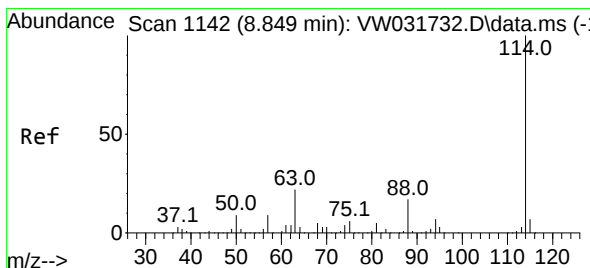
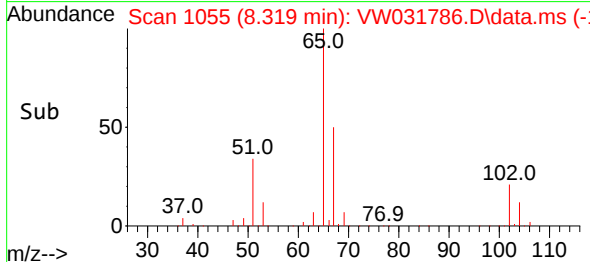
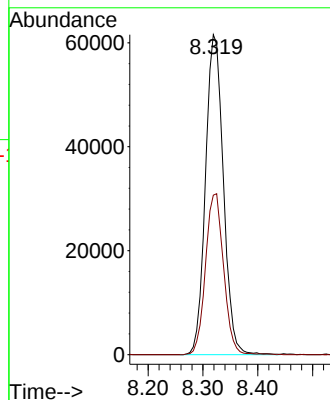
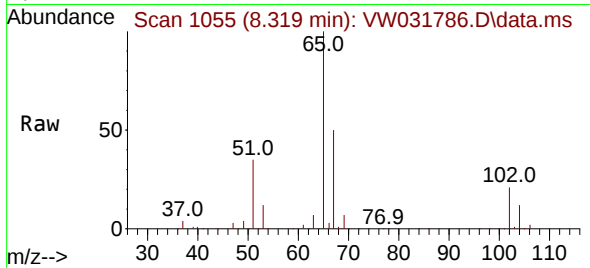




#33
1,2-Dichloroethane-d4
Concen: 55.725 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031786.D
Acq: 09 Jul 2025 18:57

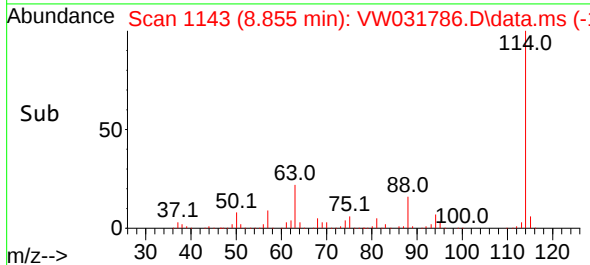
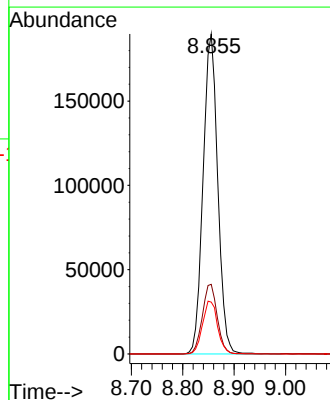
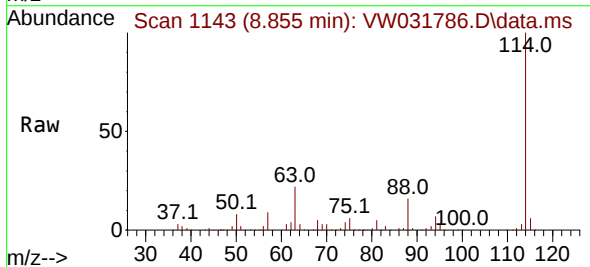
Instrument :
MSVOA_W
ClientSampleId :
TP-33

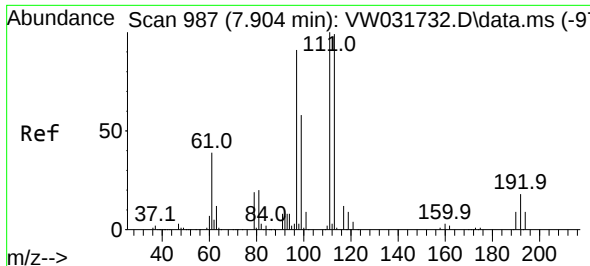
Tgt Ion: 65 Resp: 139371
Ion Ratio Lower Upper
65 100
67 50.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031786.D
Acq: 09 Jul 2025 18:57

Tgt Ion: 114 Resp: 375662
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.6
88 16.2 0.0 34.2

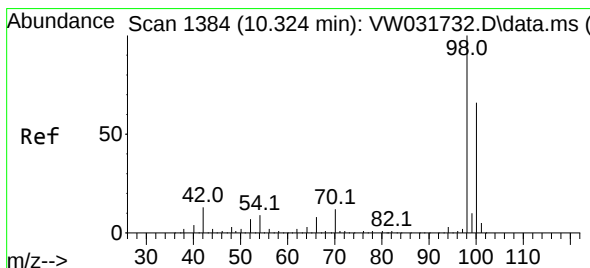
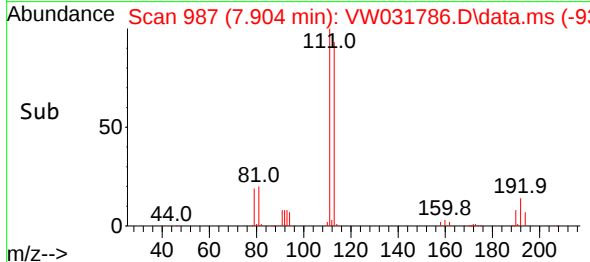
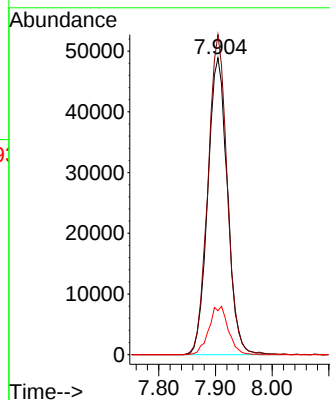
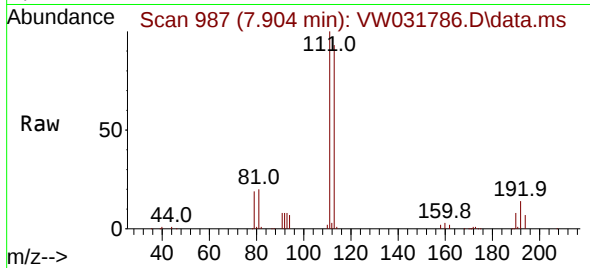




#35
 Dibromofluoromethane
 Concen: 47.936 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031786.D
 Acq: 09 Jul 2025 18:57

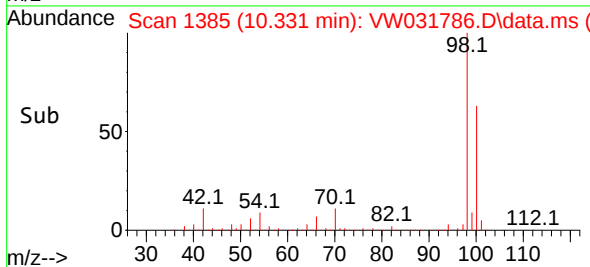
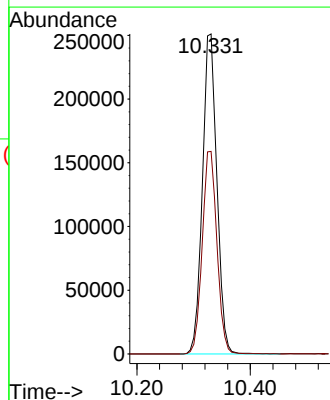
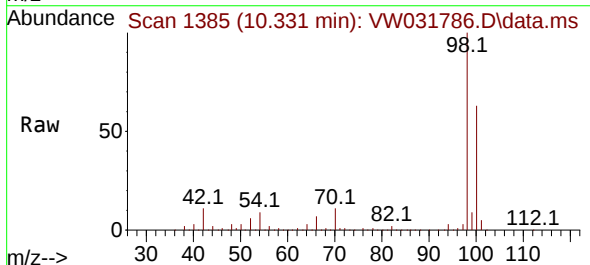
Instrument :
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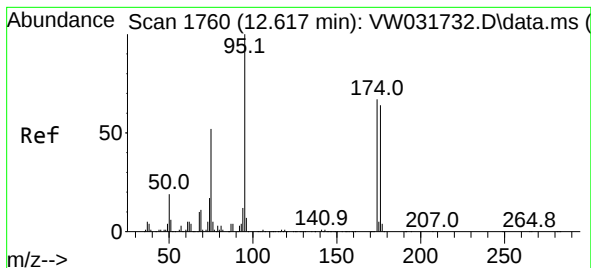
Tgt Ion:113 Resp: 117509
 Ion Ratio Lower Upper
 113 100
 111 105.5 82.1 123.1
 192 16.2 13.8 20.6



#50
 Toluene-d8
 Concen: 48.726 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW031786.D
 Acq: 09 Jul 2025 18:57

Tgt Ion: 98 Resp: 444502
 Ion Ratio Lower Upper
 98 100
 100 64.4 53.0 79.4

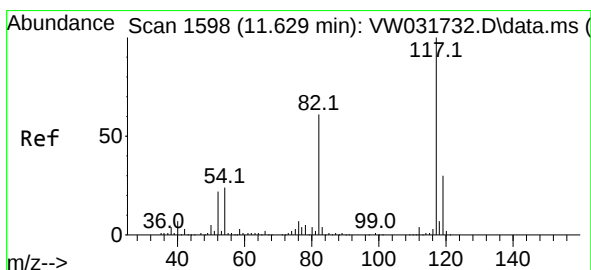
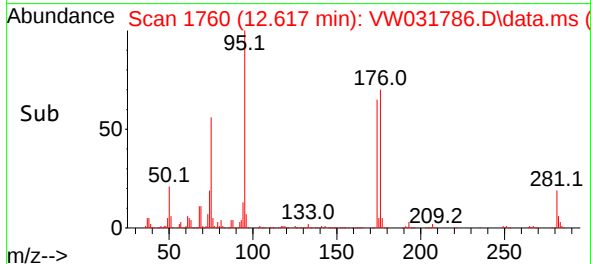
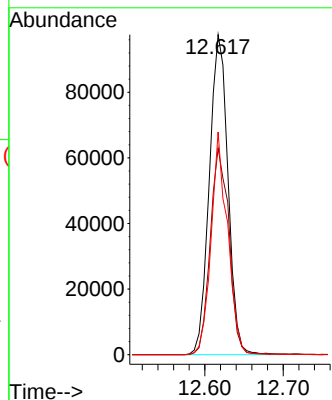
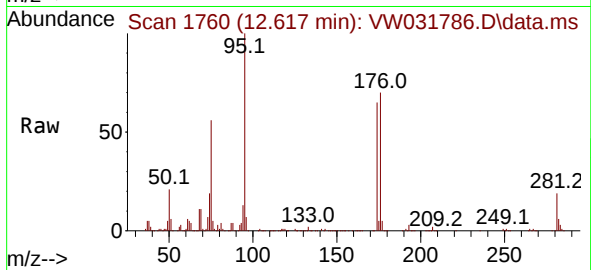




#62
4-Bromofluorobenzene
Concen: 48.029 ug/l
RT: 12.617 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031786.D
Acq: 09 Jul 2025 18:57

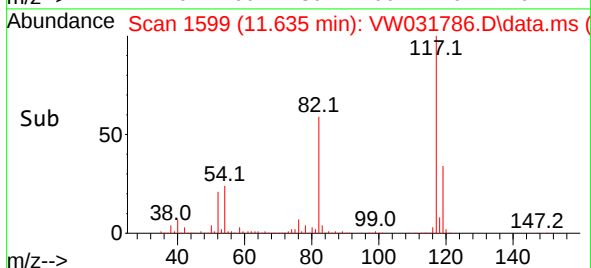
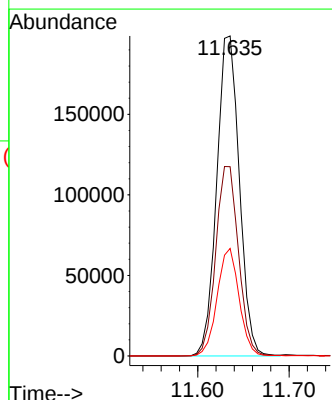
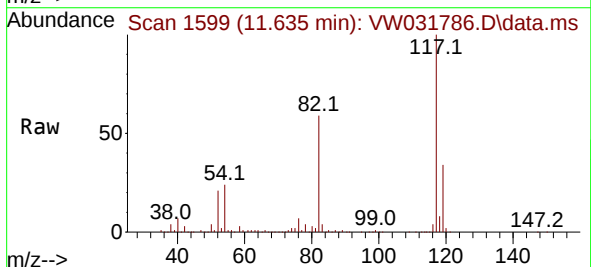
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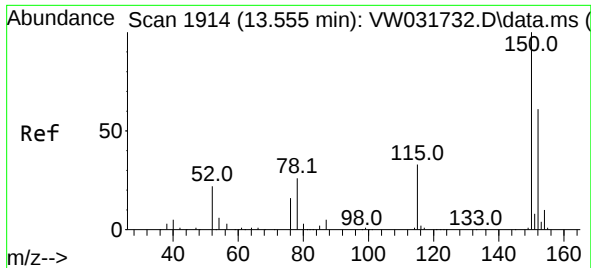
Tgt Ion: 95 Resp: 161236
Ion Ratio Lower Upper
95 100
174 64.8 0.0 133.8
176 61.8 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031786.D
Acq: 09 Jul 2025 18:57

Tgt Ion: 117 Resp: 342128
Ion Ratio Lower Upper
117 100
82 59.1 48.6 72.8
119 33.6 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: VW031786.D
 Acq: 09 Jul 2025 18:57

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-33

Tgt Ion:152 Resp: 169007
 Ion Ratio Lower Upper
 152 100
 115 64.3 31.9 95.7
 150 152.0 0.0 356.4

