

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031780.D
 Acq On : 09 Jul 2025 16:46
 Operator : SY/MD
 Sample : Q2529-03
 Misc : 6.21g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-79

Quant Time: Jul 10 01:29:16 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)

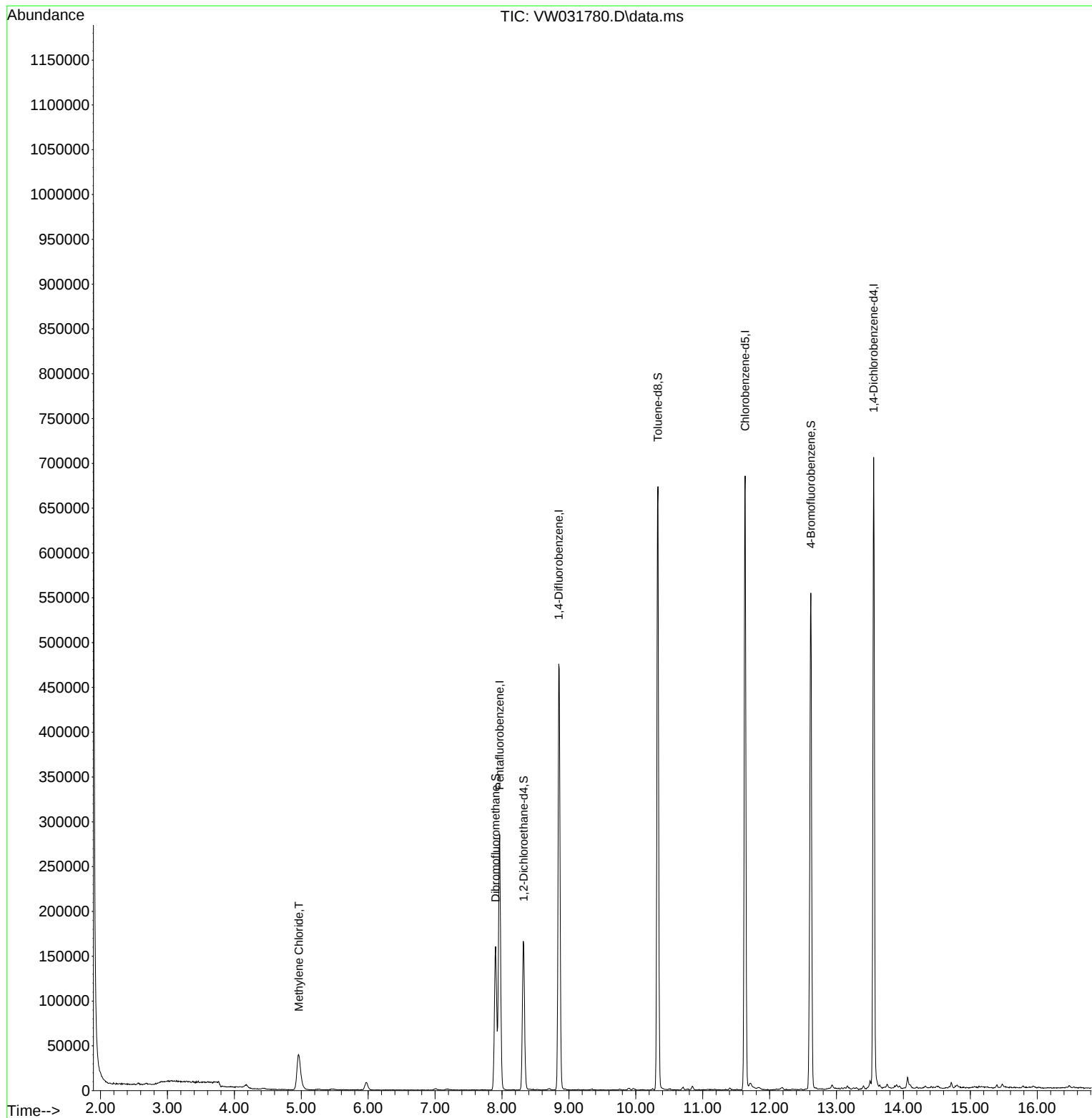
Internal Standards						
1) Pentafluorobenzene	7.965	168	191026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	402933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	367838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	142367	51.932	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	103.860%	
35) Dibromofluoromethane	7.904	113	115678	43.996	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	88.000%	
50) Toluene-d8	10.331	98	448117	45.798	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	91.600%	
62) 4-Bromofluorobenzene	12.617	95	169180	46.984	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	93.960%	
Target Compounds						
20) Methylene Chloride	4.966	84	36917	9.965	ug/l	Qvalue 96

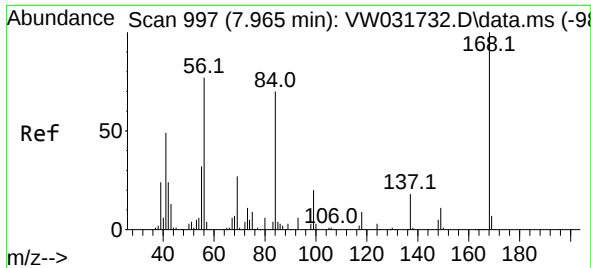
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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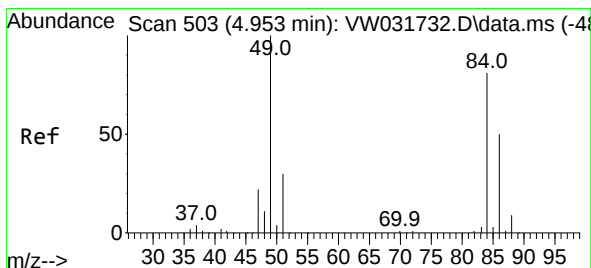
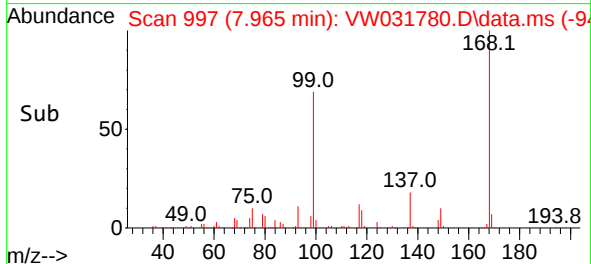
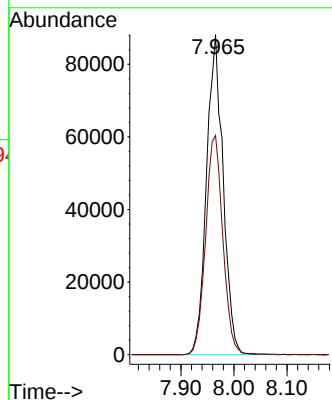
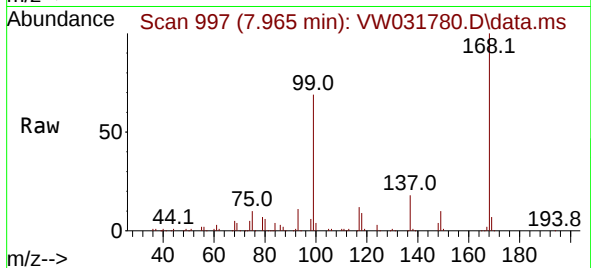




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031780.D
Acq: 09 Jul 2025 16:46

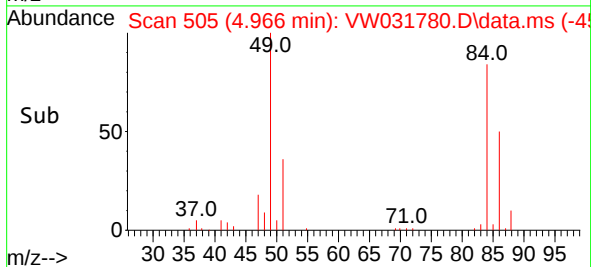
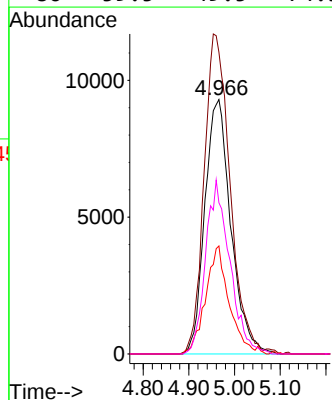
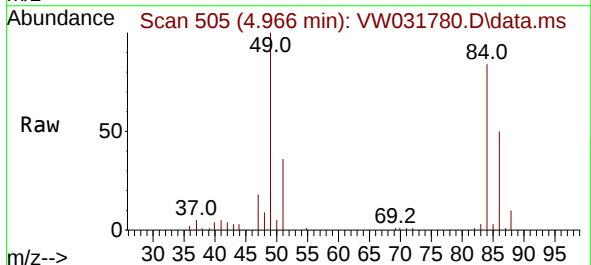
Instrument :
MSVOA_W
ClientSampleId :
TP-79

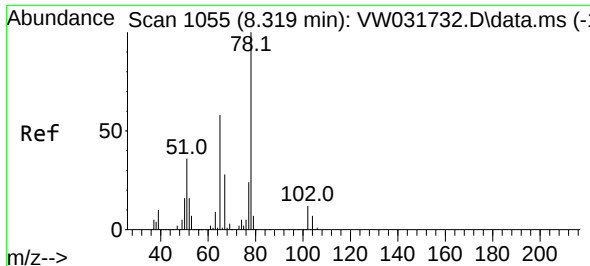
Tgt Ion:168 Resp: 191026
Ion Ratio Lower Upper
168 100
99 68.5 49.4 74.2



#20
Methylene Chloride
Concen: 9.965 ug/l
RT: 4.966 min Scan# 505
Delta R.T. 0.012 min
Lab File: VW031780.D
Acq: 09 Jul 2025 16:46

Tgt Ion: 84 Resp: 36917
Ion Ratio Lower Upper
84 100
49 118.6 98.2 147.4
51 42.4 29.8 44.8
86 59.5 49.5 74.3

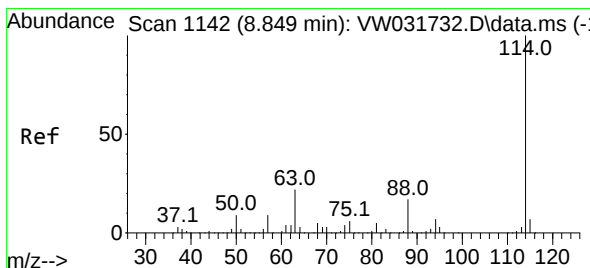
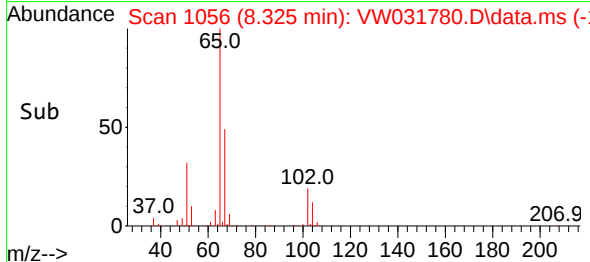
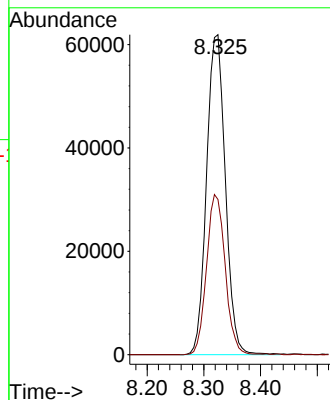
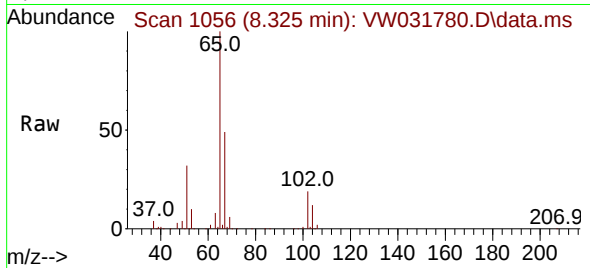




#33
 1,2-Dichloroethane-d4
 Concen: 51.932 ug/l
 RT: 8.325 min Scan# 1055
 Delta R.T. 0.006 min
 Lab File: VW031780.D
 Acq: 09 Jul 2025 16:46

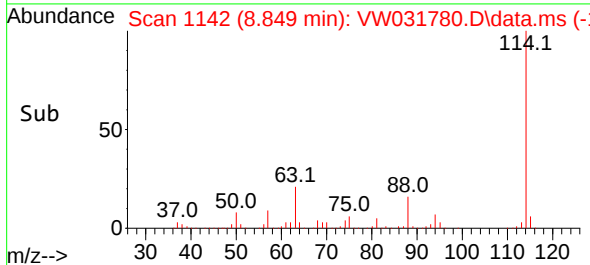
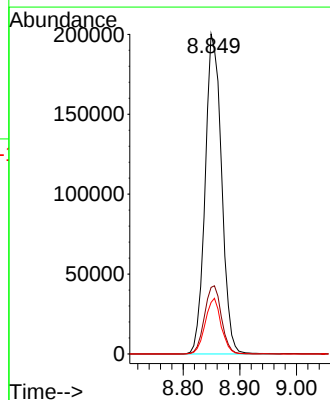
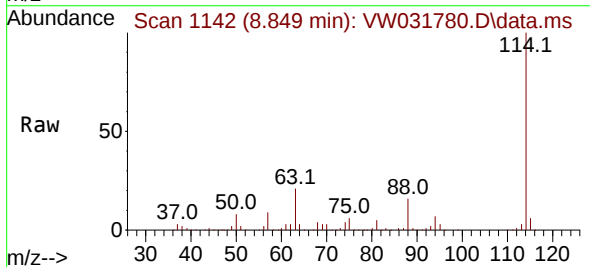
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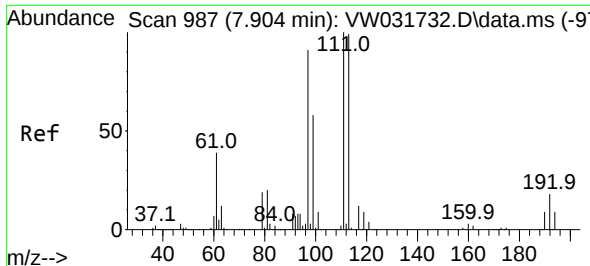
Tgt Ion: 65 Resp: 142367
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031780.D
 Acq: 09 Jul 2025 16:46

Tgt Ion: 114 Resp: 402933
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.6
 88 16.1 0.0 34.2

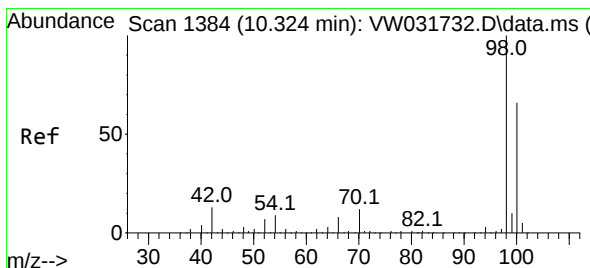
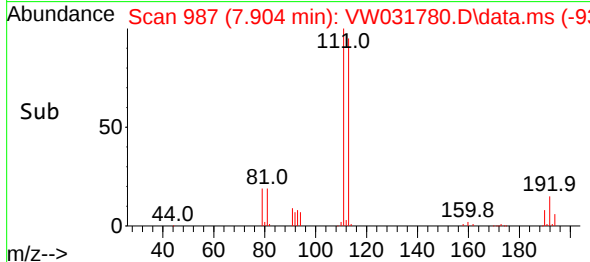
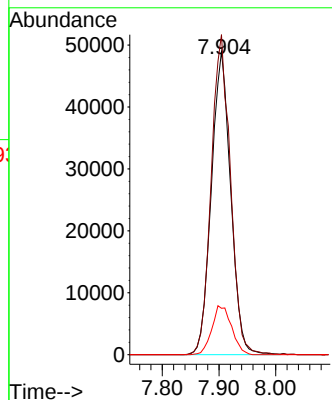
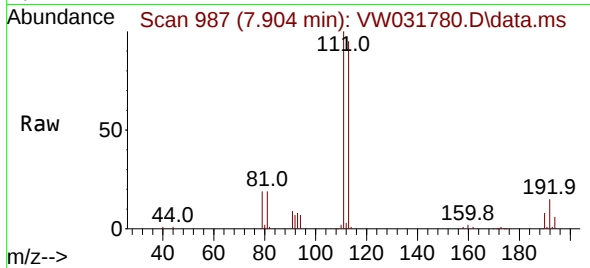




#35
 Dibromofluoromethane
 Concen: 43.996 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031780.D
 Acq: 09 Jul 2025 16:46

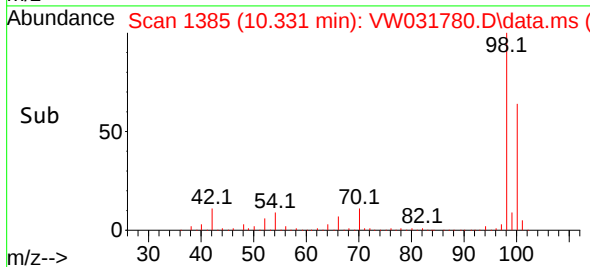
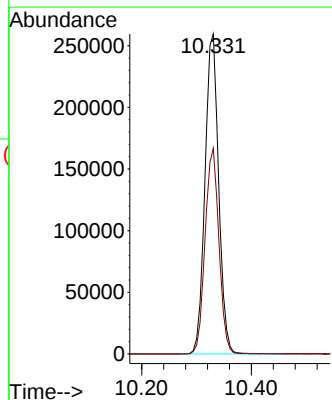
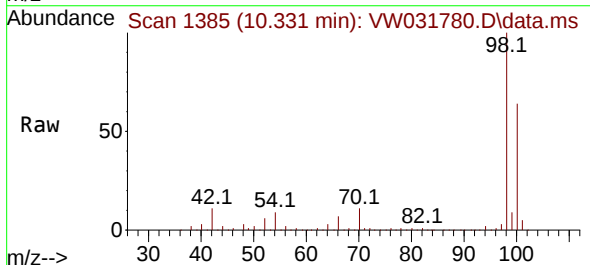
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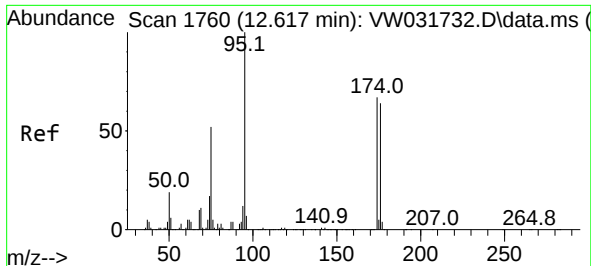
Tgt Ion:	113	Resp:	115678
Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.1	123.1
192	16.5	13.8	20.6



#50
 Toluene-d8
 Concen: 45.798 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW031780.D
 Acq: 09 Jul 2025 16:46

Tgt Ion:	98	Resp:	448117
Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.0	79.4

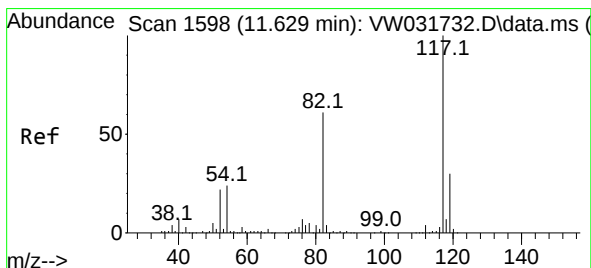
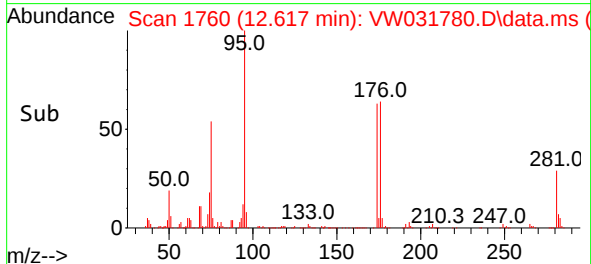
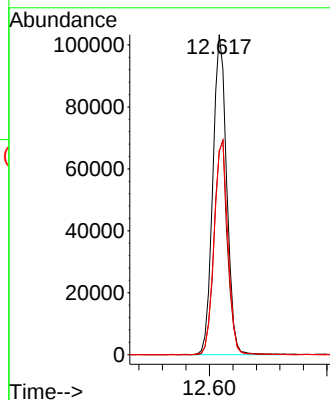
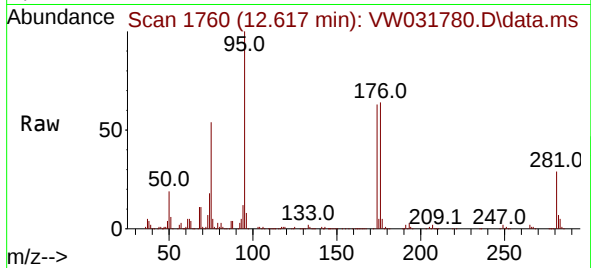




#62
4-Bromofluorobenzene
Concen: 46.984 ug/l
RT: 12.617 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031780.D
Acq: 09 Jul 2025 16:46

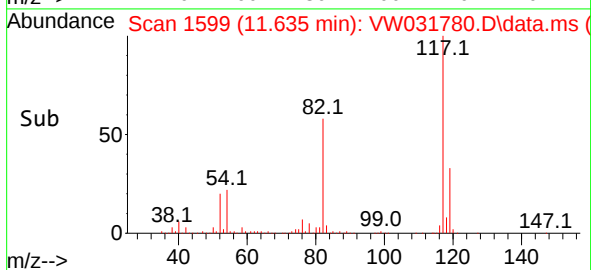
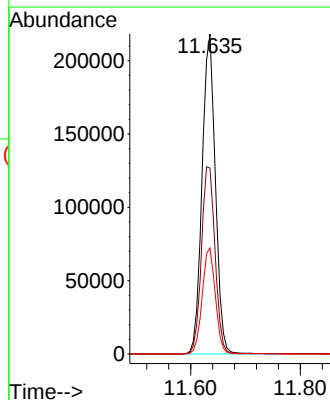
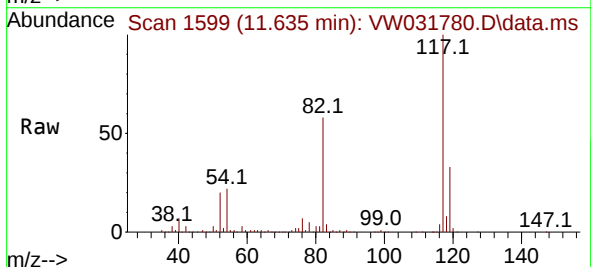
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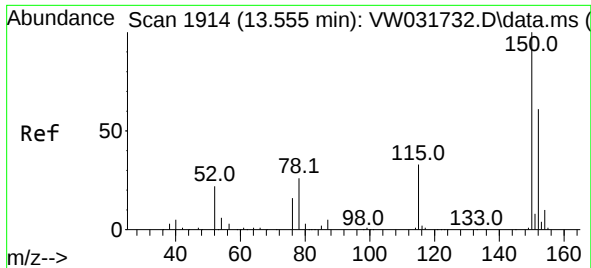
Tgt Ion: 95 Resp: 169180
Ion Ratio Lower Upper
95 100
174 64.5 0.0 133.8
176 66.5 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031780.D
Acq: 09 Jul 2025 16:46

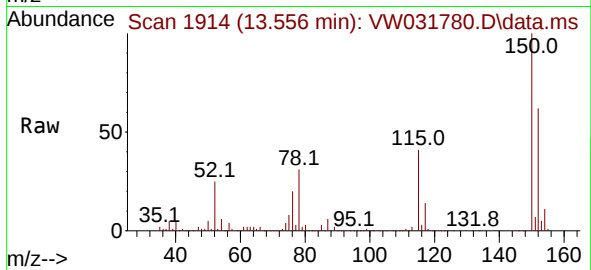
Tgt Ion: 117 Resp: 367838
Ion Ratio Lower Upper
117 100
82 58.1 48.6 72.8
119 33.1 23.9 35.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031780.D
 Acq: 09 Jul 2025 16:46

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-79



Tgt Ion:152 Resp: 171439
 Ion Ratio Lower Upper
 152 100
 115 66.7 31.9 95.7
 150 159.9 0.0 356.4

