

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031787.D
 Acq On : 09 Jul 2025 19:19
 Operator : SY/MD
 Sample : Q2529-10
 Misc : 7.11g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-30

Quant Time: Jul 10 01:32:02 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)

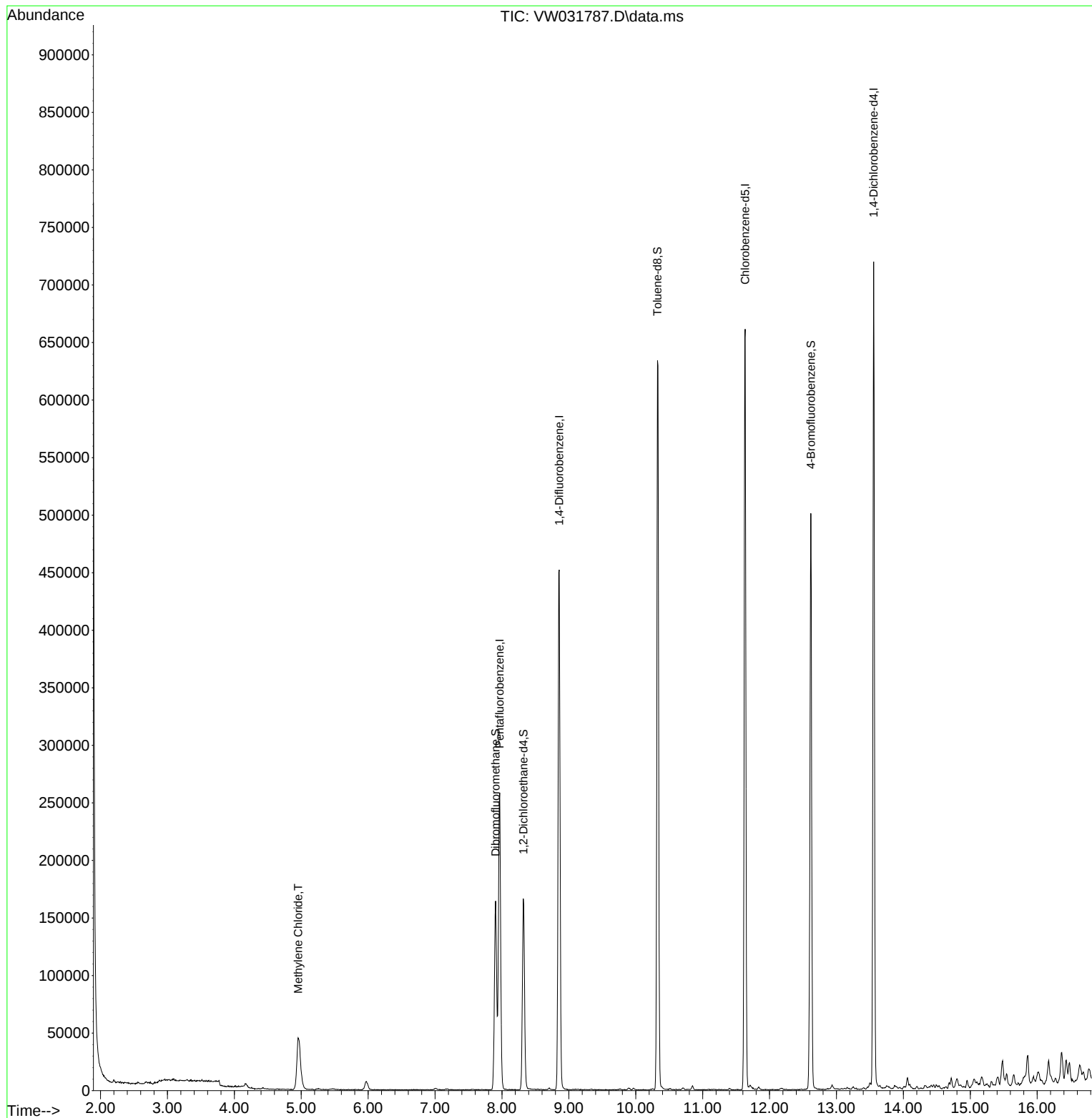
Internal Standards						
1) Pentafluorobenzene	7.965	168	174145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	383056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	354084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	139591	55.855	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	111.700%
35) Dibromofluoromethane	7.904	113	117128	46.859	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	93.720%
50) Toluene-d8	10.325	98	429105	46.130	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.260%
62) 4-Bromofluorobenzene	12.617	95	165393	48.316	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.640%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.954	84	41583	13.433	ug/l	94

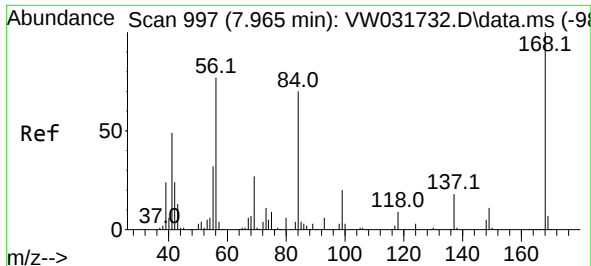
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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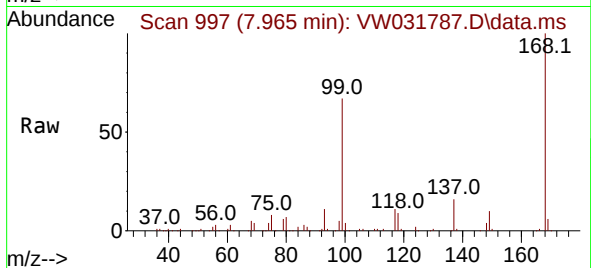
Quant Time: Jul 10 01:32:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration



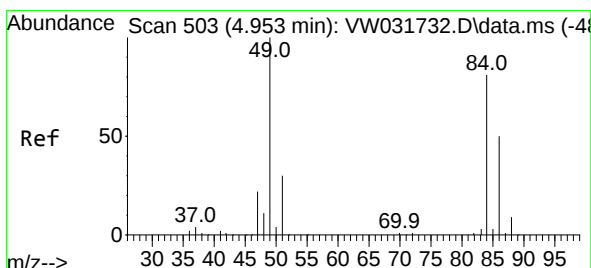
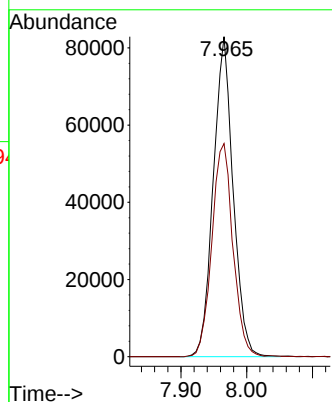
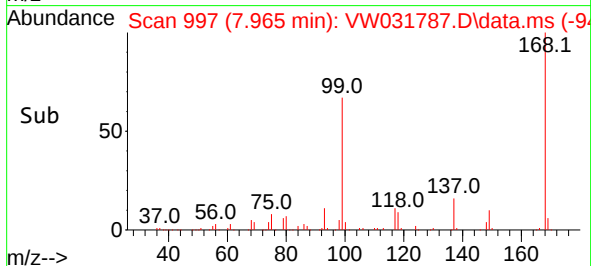


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031787.D
Acq: 09 Jul 2025 19:19

Instrument :
MSVOA_W
ClientSampleId :
TP-30

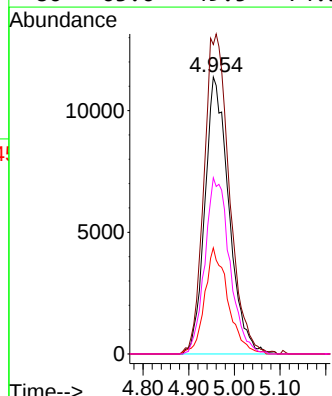
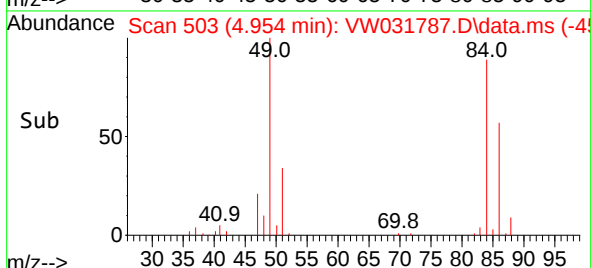
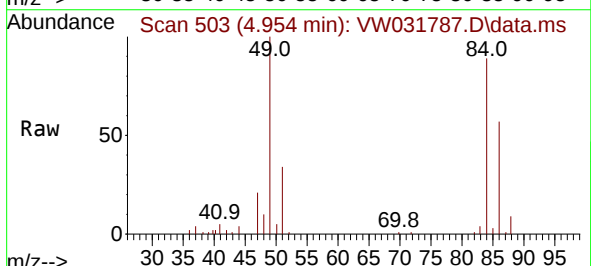


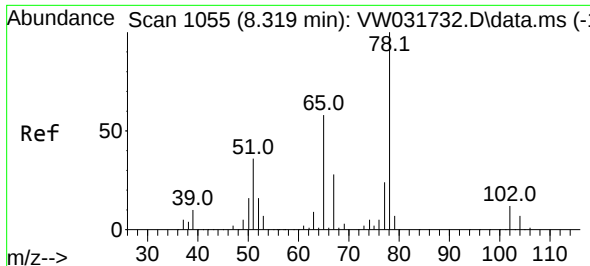
Tgt Ion:168 Resp: 174145
Ion Ratio Lower Upper
168 100
99 66.6 49.4 74.2



#20
Methylene Chloride
Concen: 13.433 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031787.D
Acq: 09 Jul 2025 19:19

Tgt Ion: 84 Resp: 41583
Ion Ratio Lower Upper
84 100
49 111.7 98.2 147.4
51 38.3 29.8 44.8
86 63.6 49.5 74.3

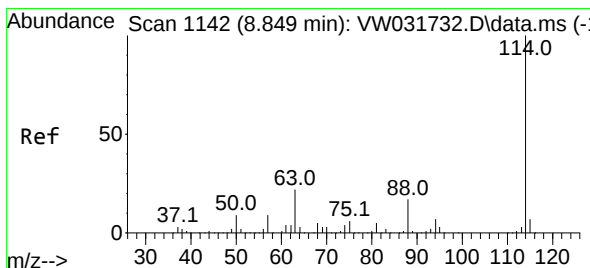
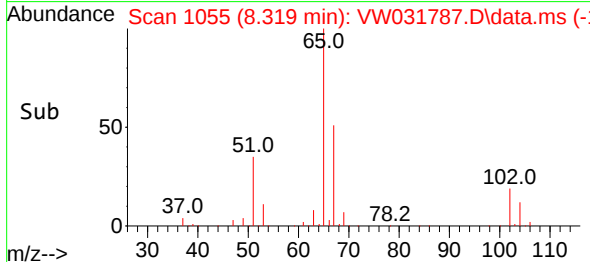
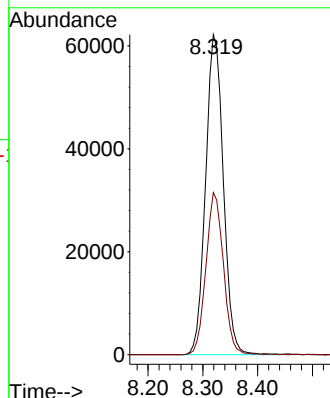
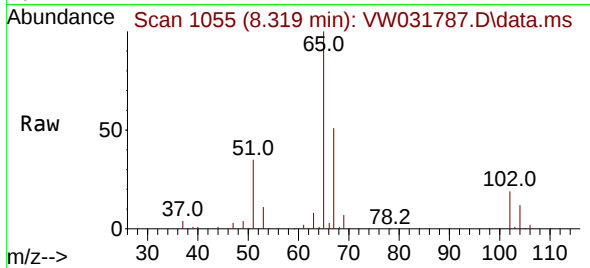




#33
 1,2-Dichloroethane-d4
 Concen: 55.855 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031787.D
 Acq: 09 Jul 2025 19:19

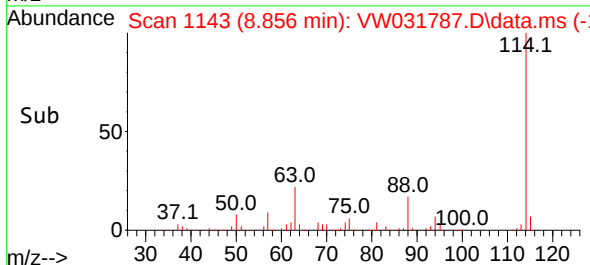
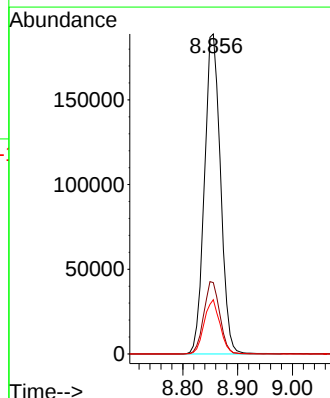
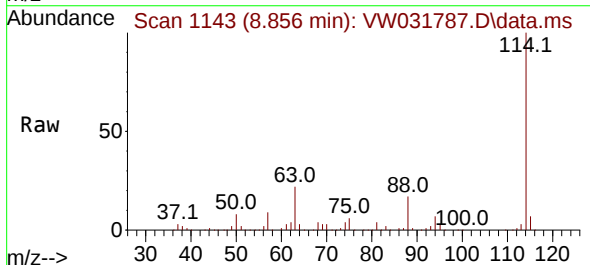
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-30

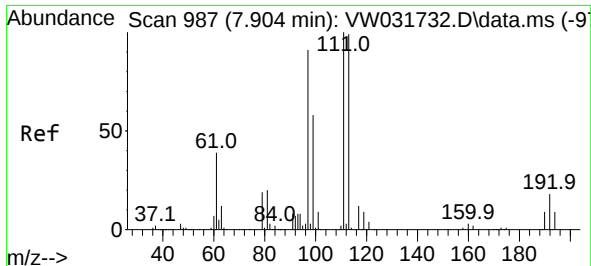
Tgt Ion: 65 Resp: 139591
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.856 min Scan# 1143
 Delta R.T. 0.007 min
 Lab File: VW031787.D
 Acq: 09 Jul 2025 19:19

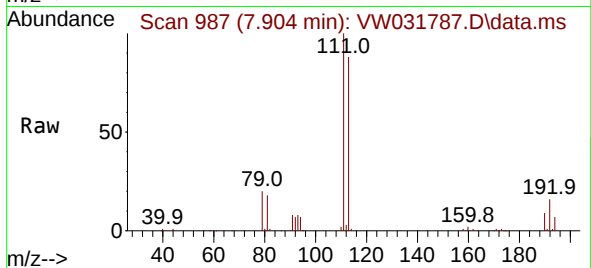
Tgt Ion: 114 Resp: 383056
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.6
 88 16.9 0.0 34.2



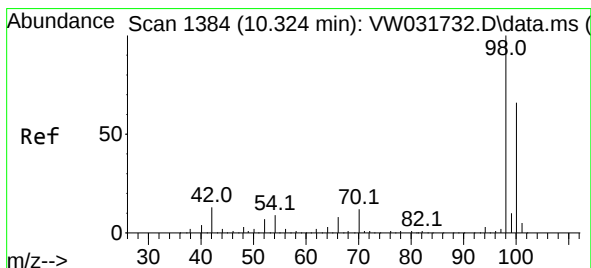
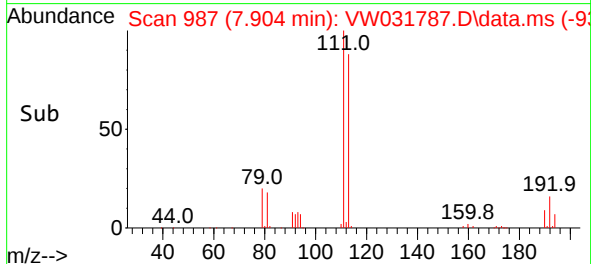
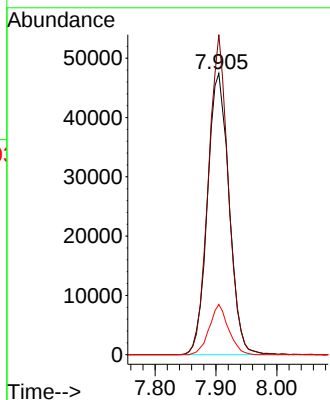


#35
 Dibromofluoromethane
 Concen: 46.859 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031787.D
 Acq: 09 Jul 2025 19:19

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-30

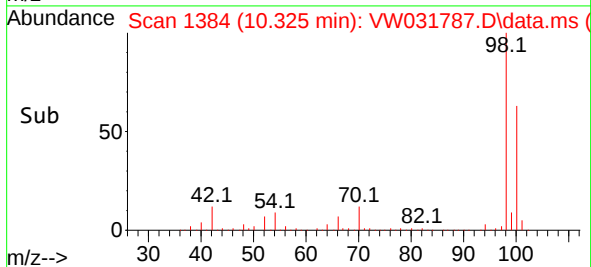
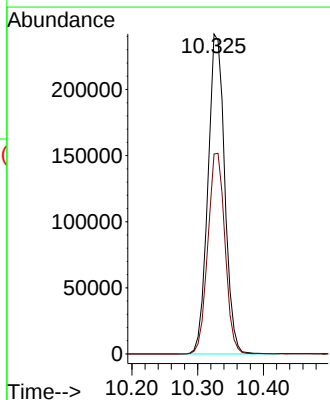
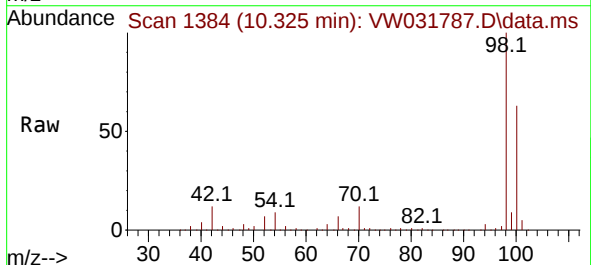


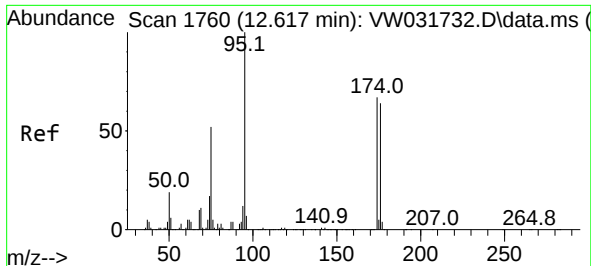
Tgt Ion:	113	Resp:	117128
Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.1	123.1
192	15.8	13.8	20.6



#50
 Toluene-d8
 Concen: 46.130 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW031787.D
 Acq: 09 Jul 2025 19:19

Tgt Ion:	98	Resp:	429105
Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.0	79.4

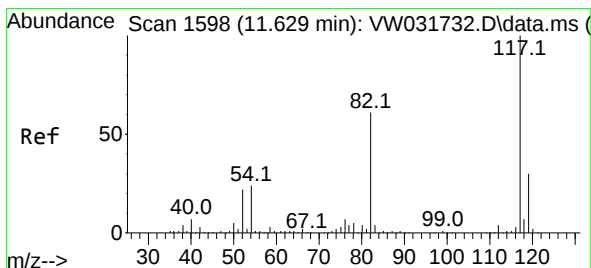
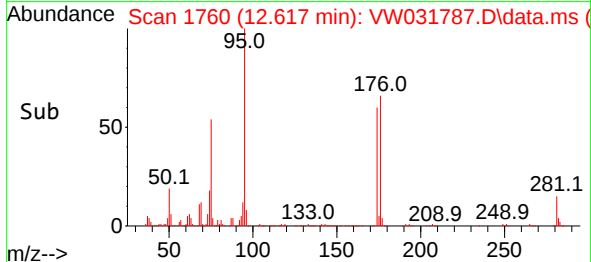
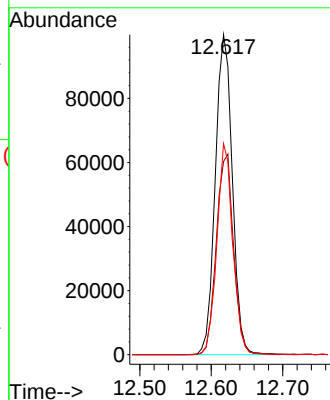
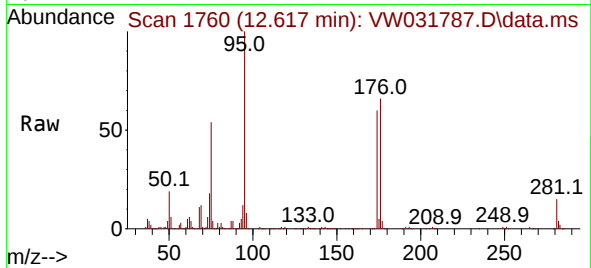




#62
4-Bromofluorobenzene
Concen: 48.316 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031787.D
Acq: 09 Jul 2025 19:19

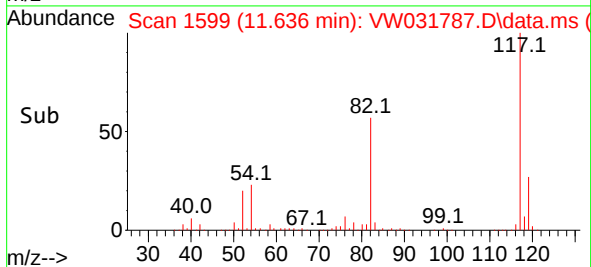
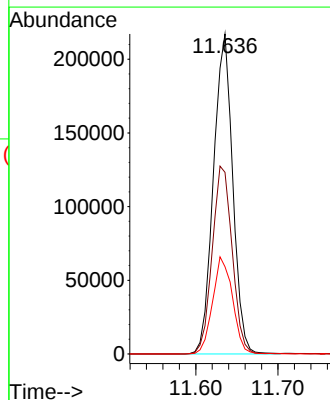
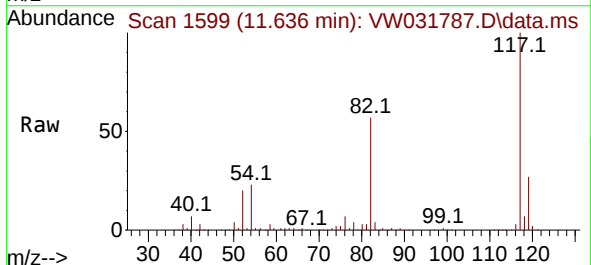
Instrument :
MSVOA_W
ClientSampleId :
TP-30

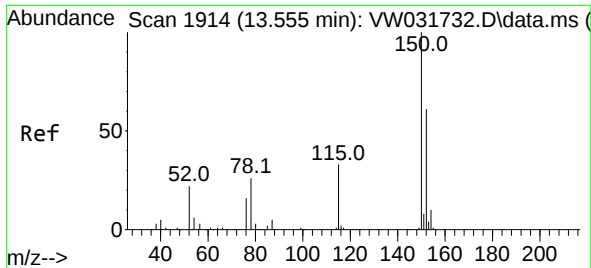
Tgt Ion: 95 Resp: 165393
Ion Ratio Lower Upper
95 100
174 63.7 0.0 133.8
176 61.8 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 1599
Delta R.T. 0.007 min
Lab File: VW031787.D
Acq: 09 Jul 2025 19:19

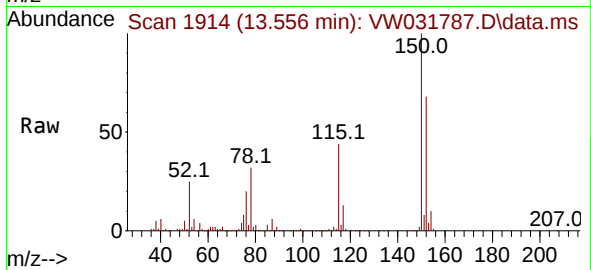
Tgt Ion: 117 Resp: 354084
Ion Ratio Lower Upper
117 100
82 56.8 48.6 72.8
119 27.3 23.9 35.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031787.D
 Acq: 09 Jul 2025 19:19

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-30



Tgt Ion:152 Resp: 174747
 Ion Ratio Lower Upper
 152 100
 115 65.1 31.9 95.7
 150 151.4 0.0 356.4

