

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031785.D
 Acq On : 09 Jul 2025 18:36
 Operator : SY/MD
 Sample : Q2529-08
 Misc : 4.55g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-89

Quant Time: Jul 10 01:31:15 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)

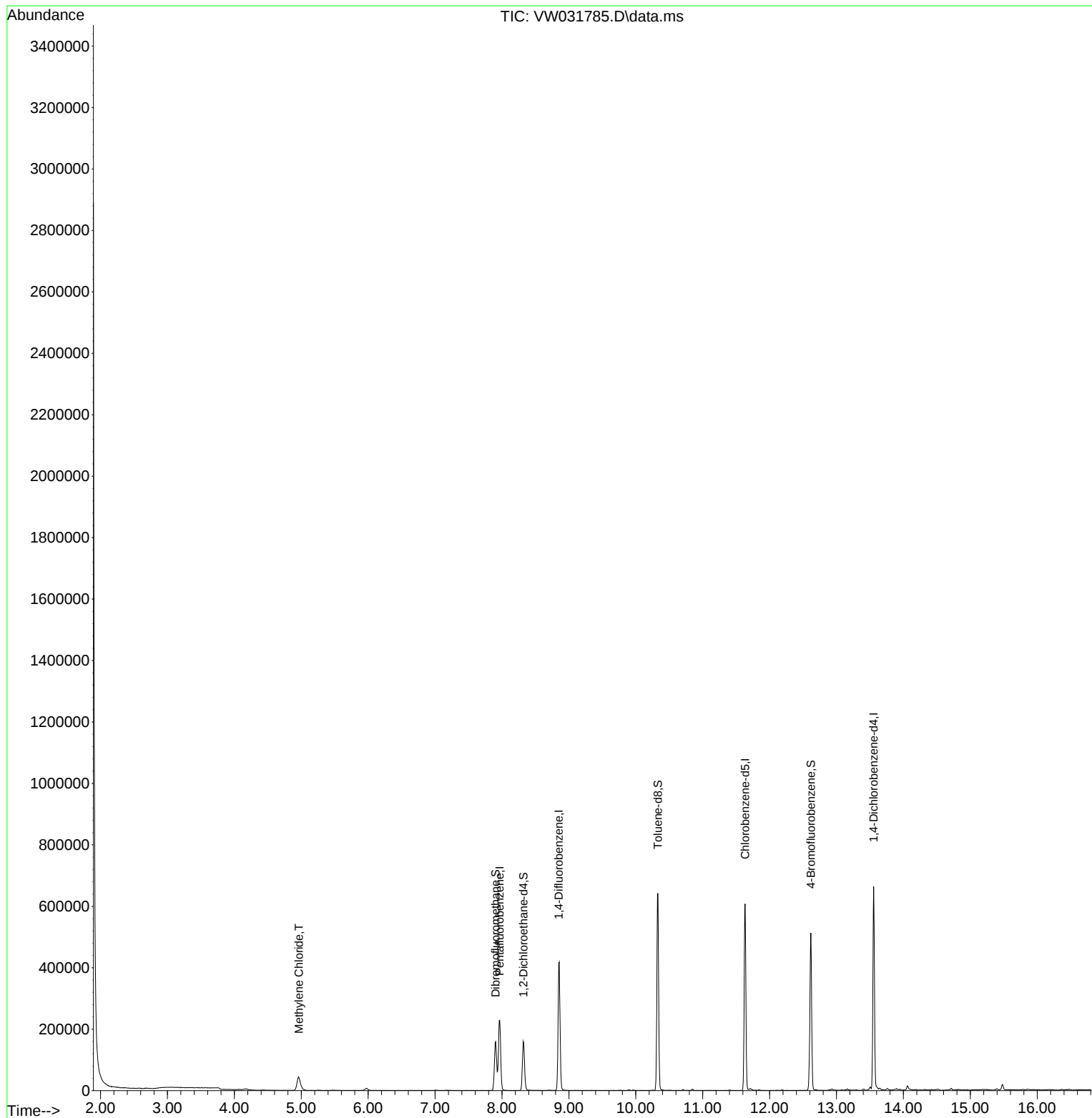
Internal Standards						
1) Pentafluorobenzene	7.965	168	157806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	349543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	330711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	158869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	134135	59.229	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	118.460%	
35) Dibromofluoromethane	7.904	113	114817	50.338	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	100.680%	
50) Toluene-d8	10.331	98	425170	50.089	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	100.180%	
62) 4-Bromofluorobenzene	12.617	95	165941	53.124	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	106.240%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.966	84	38389	13.775	ug/l	96

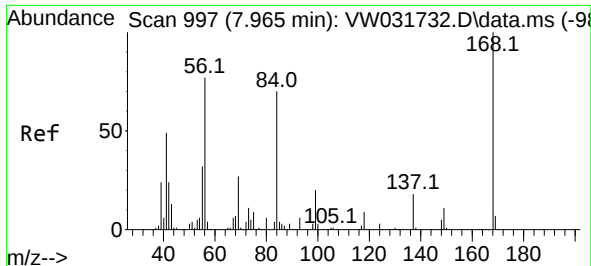
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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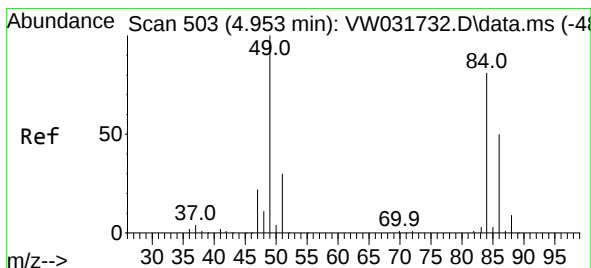
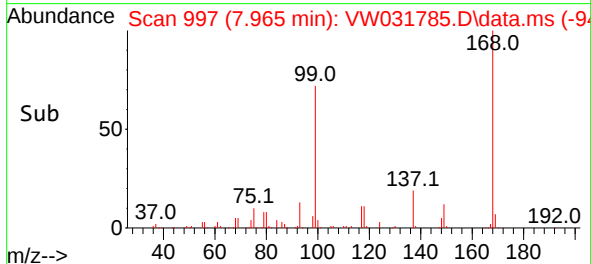
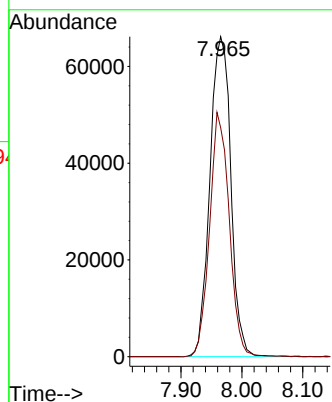
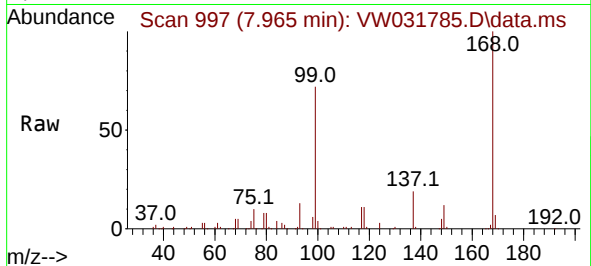




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031785.D
Acq: 09 Jul 2025 18:36

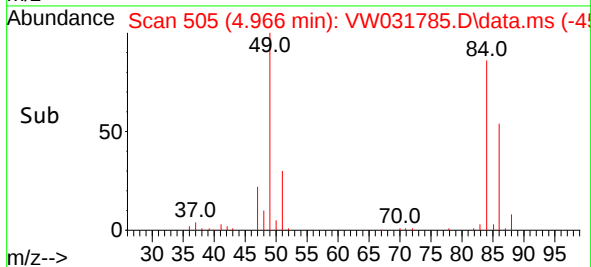
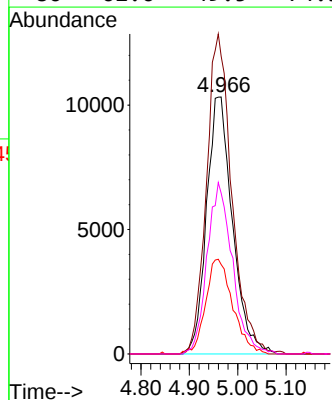
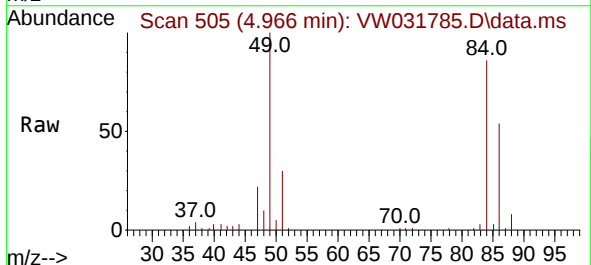
Instrument :
MSVOA_W
ClientSampleId :
TP-89

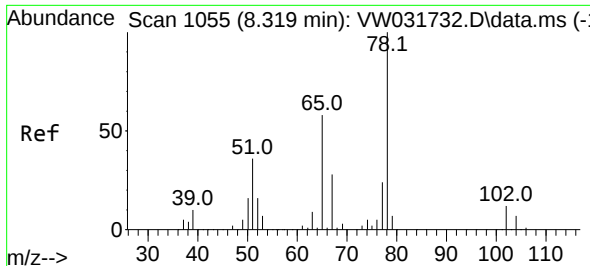
Tgt Ion:168 Resp: 157806
Ion Ratio Lower Upper
168 100
99 71.5 49.4 74.2



#20
Methylene Chloride
Concen: 13.775 ug/l
RT: 4.966 min Scan# 505
Delta R.T. 0.012 min
Lab File: VW031785.D
Acq: 09 Jul 2025 18:36

Tgt Ion: 84 Resp: 38389
Ion Ratio Lower Upper
84 100
49 115.9 98.2 147.4
51 34.8 29.8 44.8
86 62.6 49.5 74.3

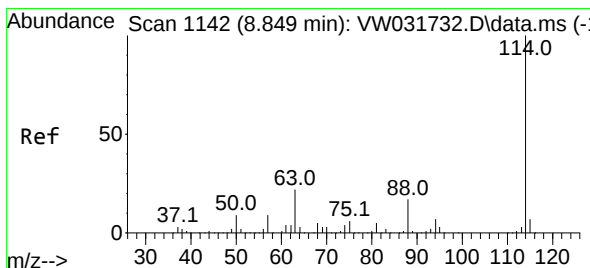
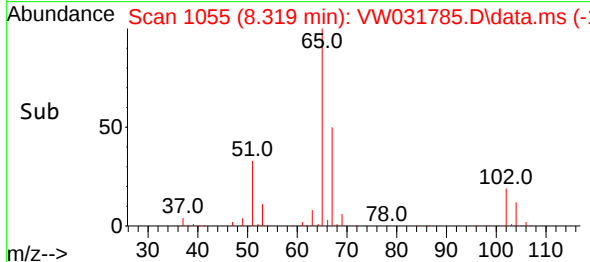
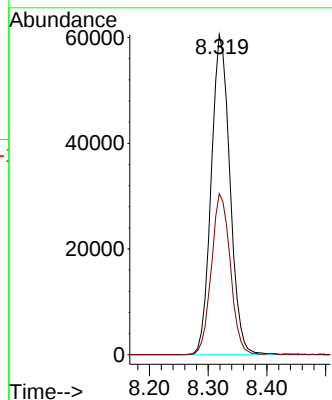
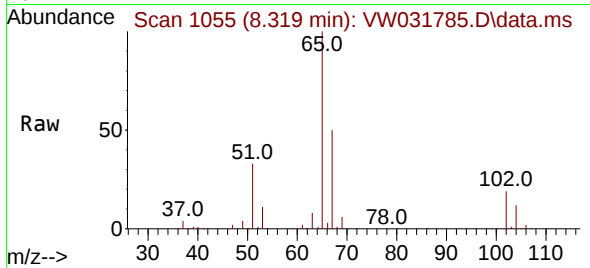




#33
1,2-Dichloroethane-d4
Concen: 59.229 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031785.D
Acq: 09 Jul 2025 18:36

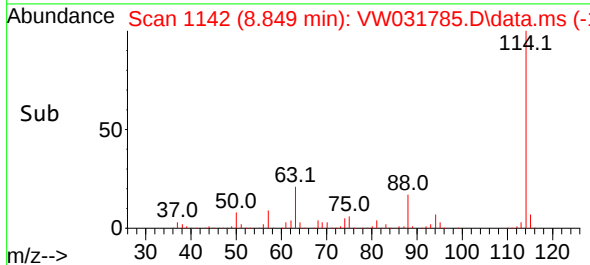
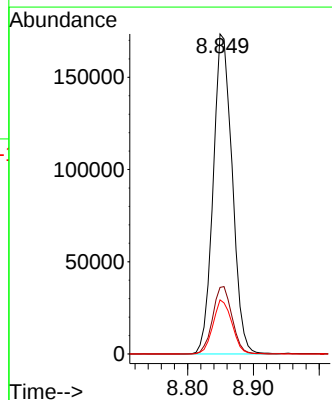
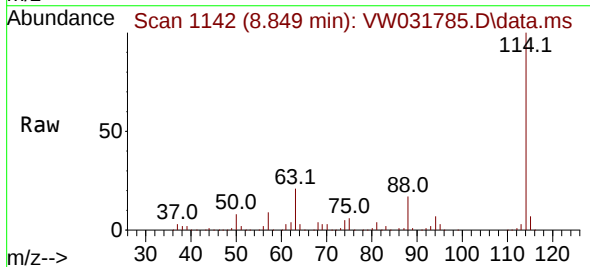
Instrument :
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TP-89

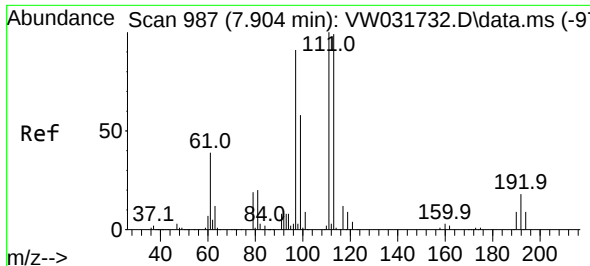
Tgt Ion: 65 Resp: 134135
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW031785.D
Acq: 09 Jul 2025 18:36

Tgt Ion: 114 Resp: 349543
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.6
88 16.9 0.0 34.2

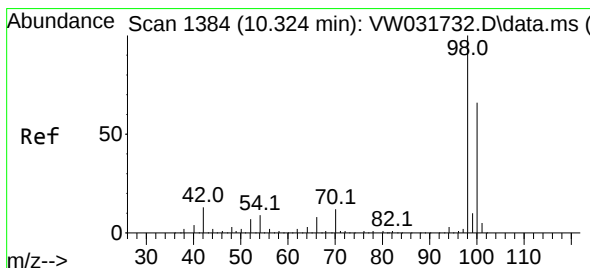
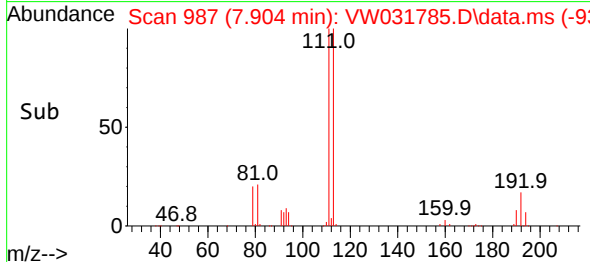
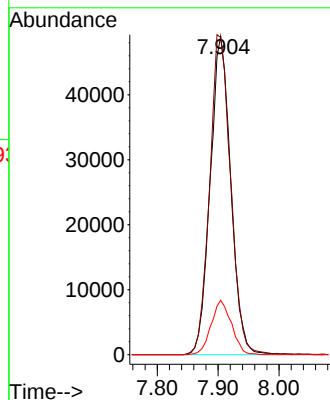
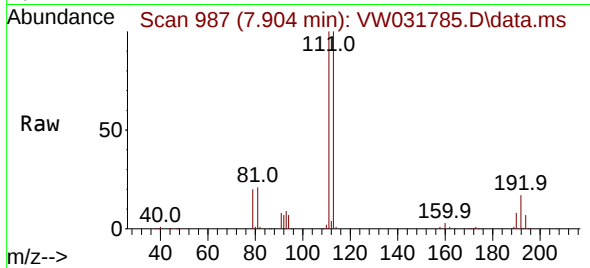




#35
 Dibromofluoromethane
 Concen: 50.338 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031785.D
 Acq: 09 Jul 2025 18:36

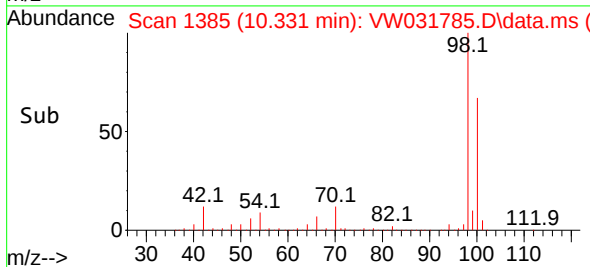
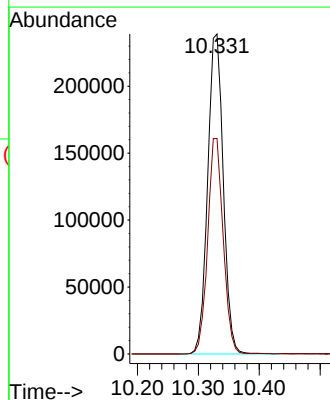
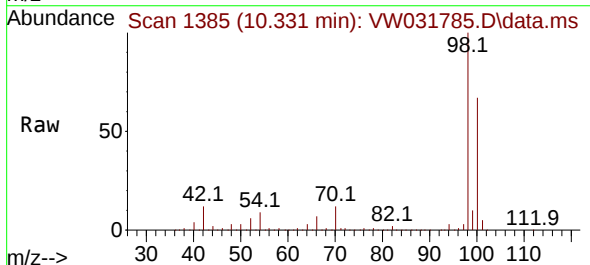
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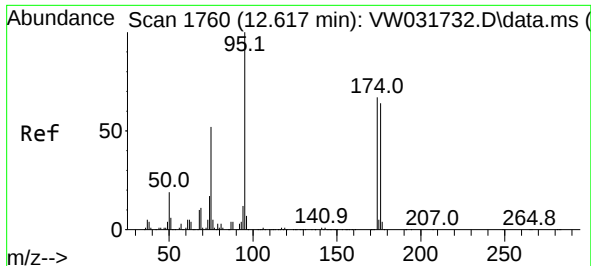
Tgt Ion:113 Resp: 114817
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.1 123.1
 192 16.9 13.8 20.6



#50
 Toluene-d8
 Concen: 50.089 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW031785.D
 Acq: 09 Jul 2025 18:36

Tgt Ion: 98 Resp: 425170
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.0 79.4

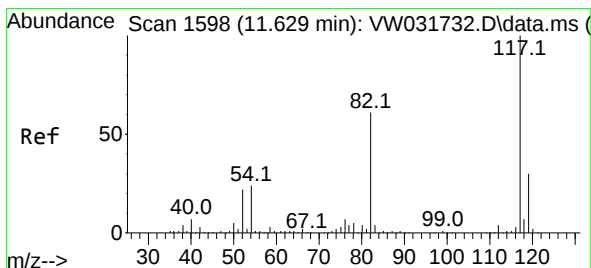
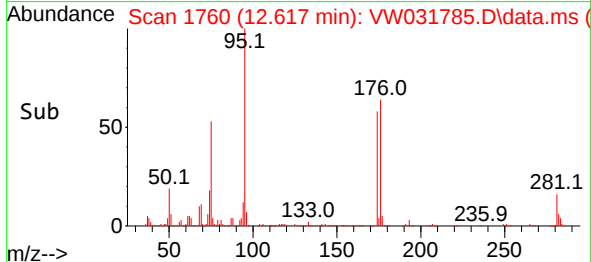
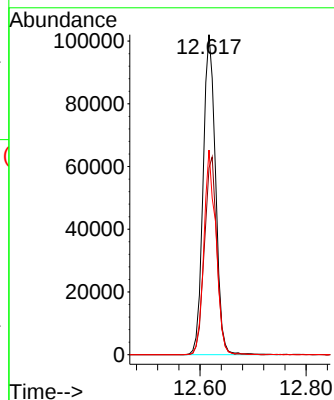
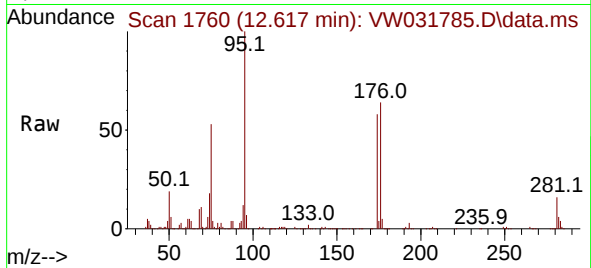




#62
4-Bromofluorobenzene
Concen: 53.124 ug/l
RT: 12.617 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031785.D
Acq: 09 Jul 2025 18:36

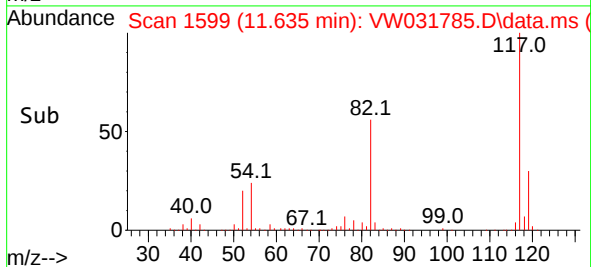
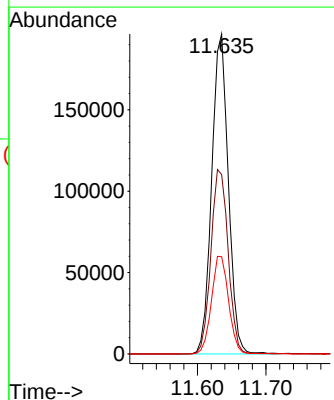
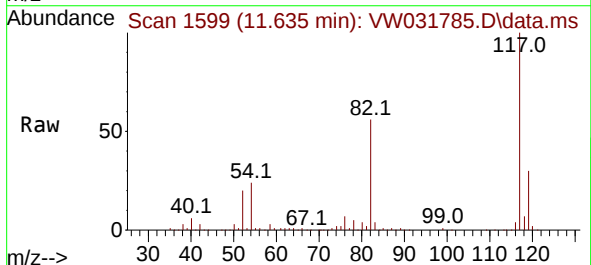
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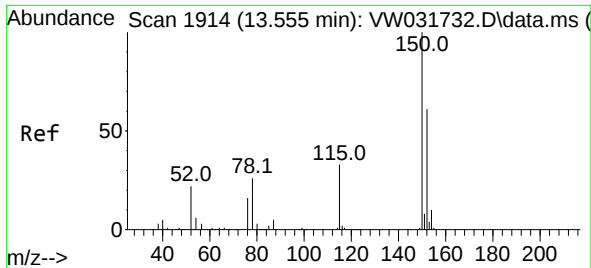
Tgt Ion: 95 Resp: 165941
Ion Ratio Lower Upper
95 100
174 61.9 0.0 133.8
176 62.0 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031785.D
Acq: 09 Jul 2025 18:36

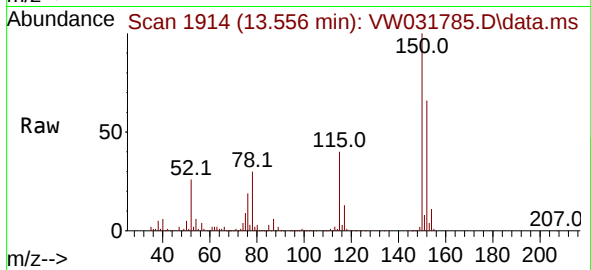
Tgt Ion: 117 Resp: 330711
Ion Ratio Lower Upper
117 100
82 56.0 48.6 72.8
119 30.4 23.9 35.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031785.D
 Acq: 09 Jul 2025 18:36

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-89



Tgt Ion:	152	Resp:	158869
Ion Ratio	Lower	Upper	
152	100		
115	65.7	31.9	95.7
150	160.3	0.0	356.4

