

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
 Data File : VW032212.D
 Acq On : 19 Sep 2025 13:59
 Operator : SY/MD
 Sample : Q3145-03
 Misc : 5.15g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-B

Quant Time: Sep 19 23:09:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

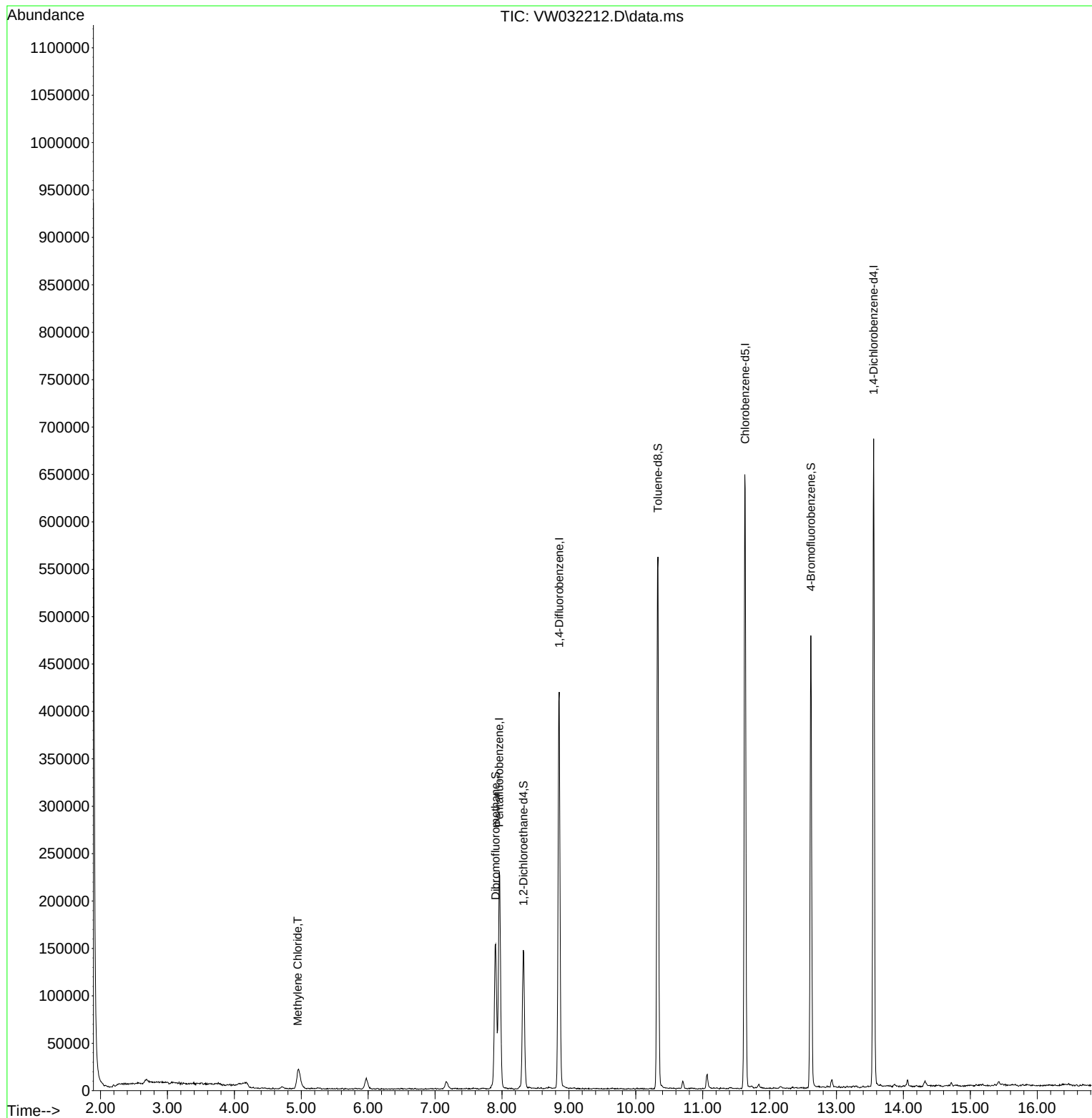
Internal Standards						
1) Pentafluorobenzene	7.959	168	157059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	343989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	339827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	168068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	120206	53.516	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 107.040%		
35) Dibromofluoromethane	7.904	113	109313	45.294	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 90.580%		
50) Toluene-d8	10.331	98	368459	43.490	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 86.980%		
62) 4-Bromofluorobenzene	12.617	95	154079	49.181	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 98.360%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.948	84	20076	6.674	ug/l	93

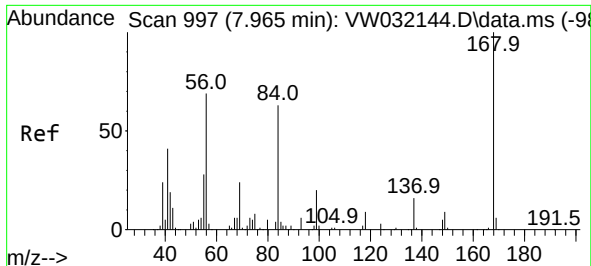
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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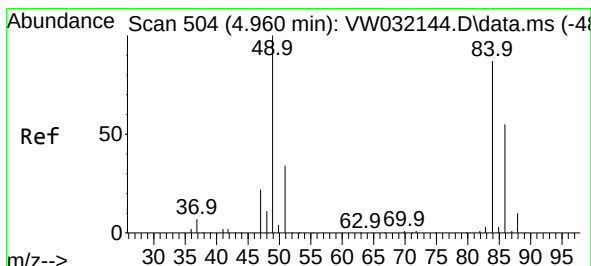
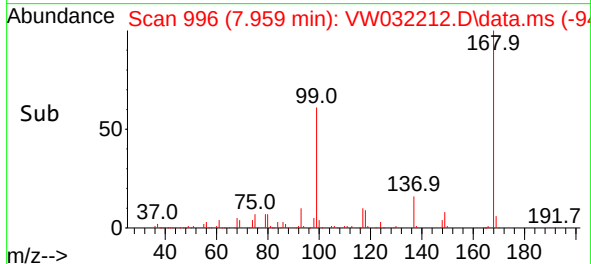
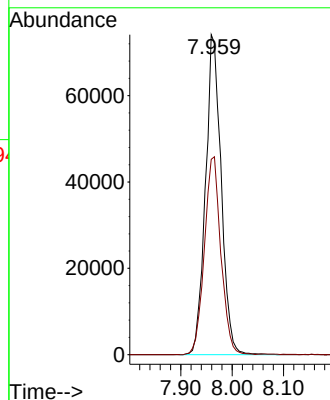
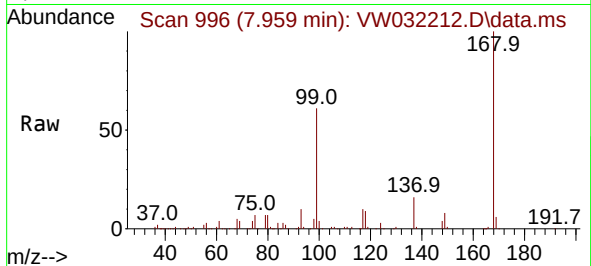




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032212.D
Acq: 19 Sep 2025 13:59

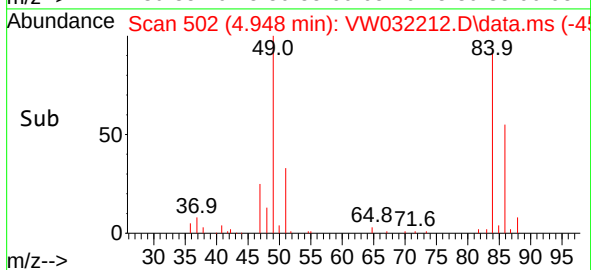
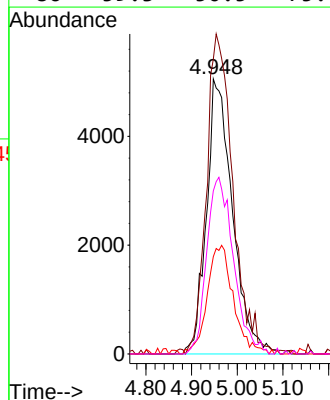
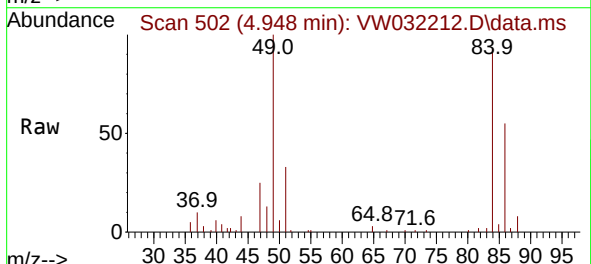
Instrument :
MSVOA_W
ClientSampleId :
SP-B

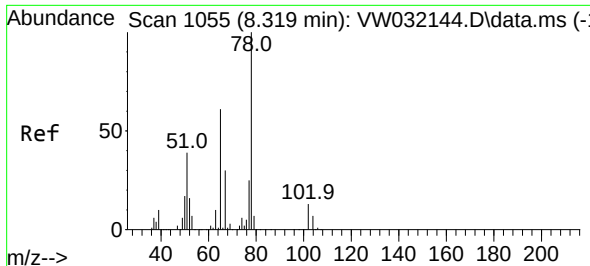
Tgt Ion:168 Resp: 157059
Ion Ratio Lower Upper
168 100
99 61.1 49.3 73.9



#20
Methylene Chloride
Concen: 6.674 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032212.D
Acq: 19 Sep 2025 13:59

Tgt Ion: 84 Resp: 20076
Ion Ratio Lower Upper
84 100
49 105.8 92.2 138.4
51 35.4 31.0 46.6
86 59.3 50.5 75.7

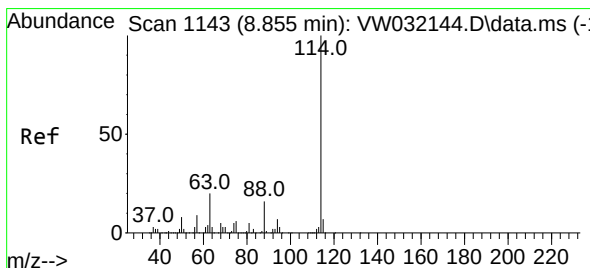
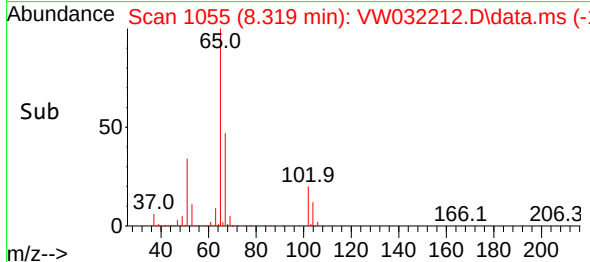
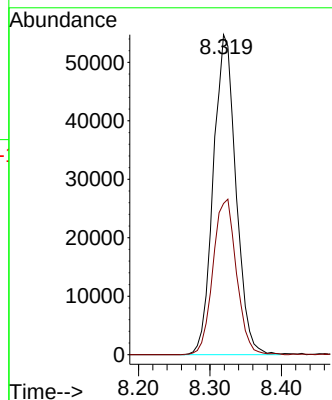
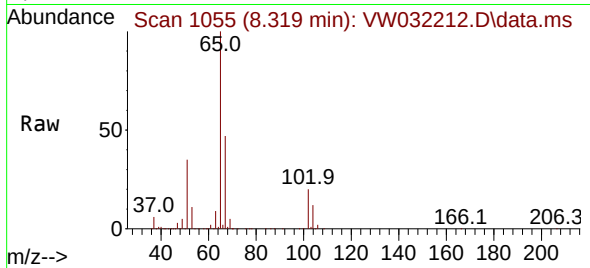




#33
 1,2-Dichloroethane-d4
 Concen: 53.516 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032212.D
 Acq: 19 Sep 2025 13:59

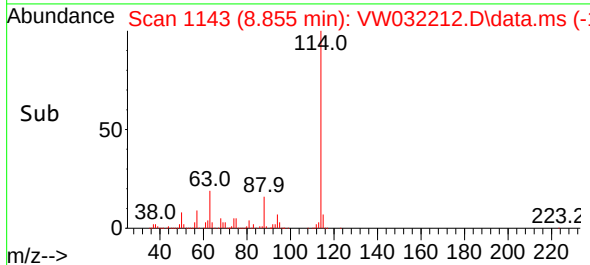
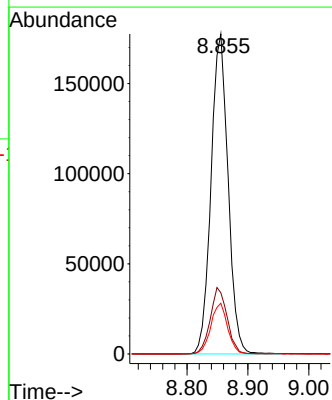
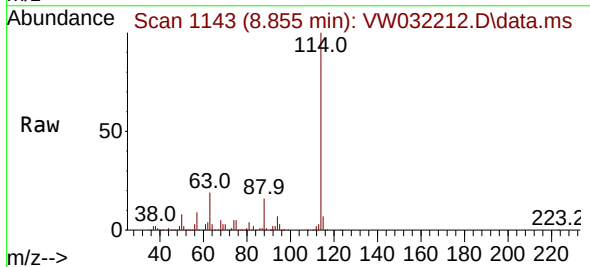
Instrument :
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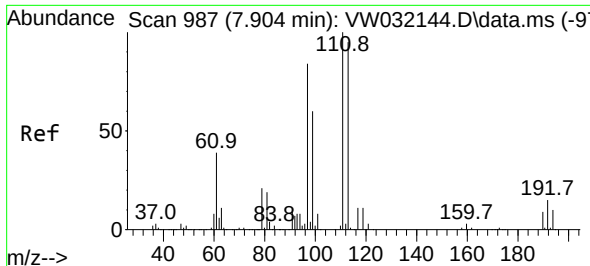
Tgt Ion: 65 Resp: 120206
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032212.D
 Acq: 19 Sep 2025 13:59

Tgt Ion: 114 Resp: 343989
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.4
 88 15.9 0.0 32.0

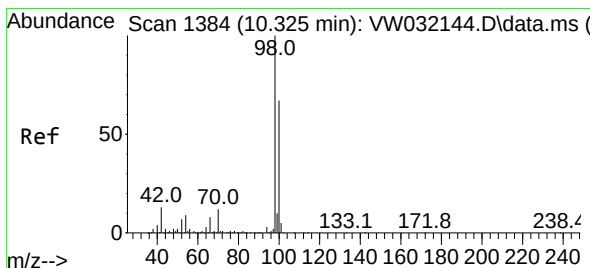
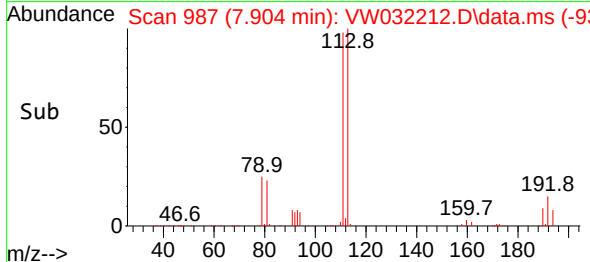
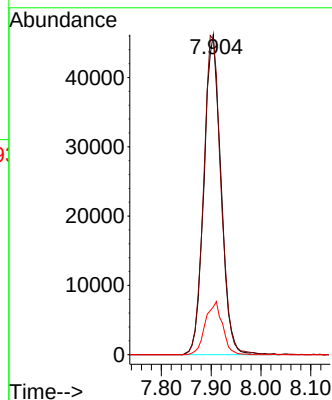
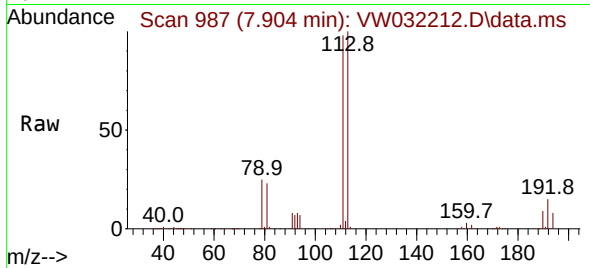




#35
 Dibromofluoromethane
 Concen: 45.294 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032212.D
 Acq: 19 Sep 2025 13:59

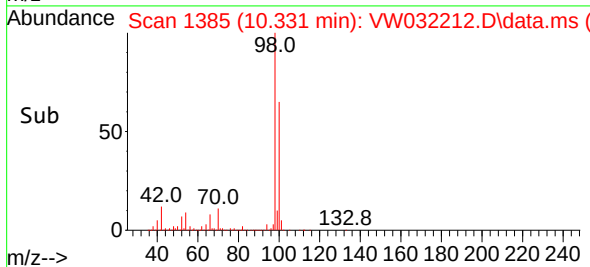
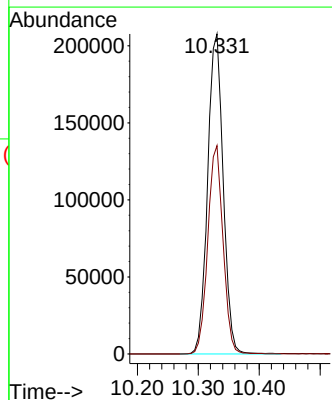
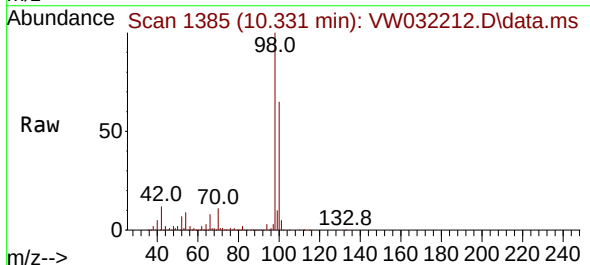
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-B

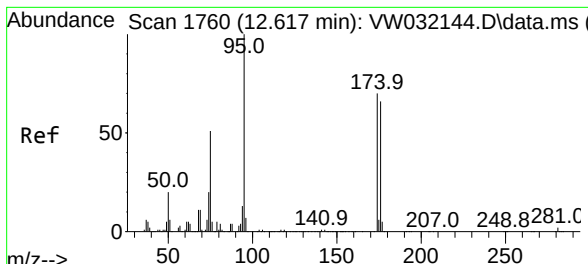
Tgt Ion:113 Resp: 109313
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.9 125.9
 192 16.7 14.6 21.8



#50
 Toluene-d8
 Concen: 43.490 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW032212.D
 Acq: 19 Sep 2025 13:59

Tgt Ion: 98 Resp: 368459
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.4 77.2

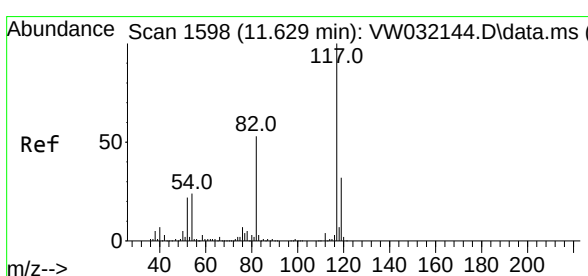
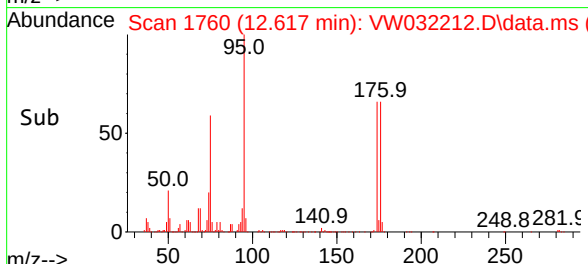
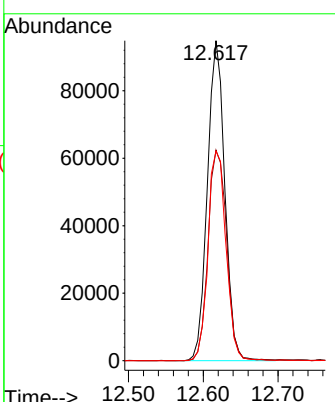
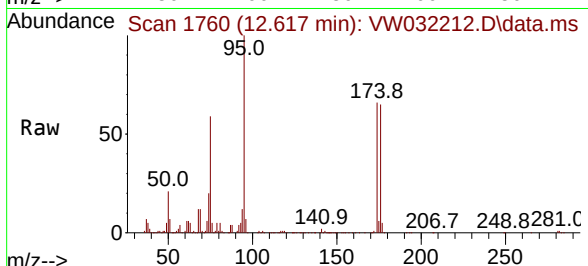




#62
 4-Bromofluorobenzene
 Concen: 49.181 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.000 min
 Lab File: VW032212.D
 Acq: 19 Sep 2025 13:59

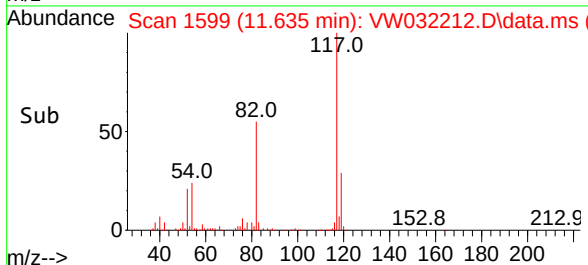
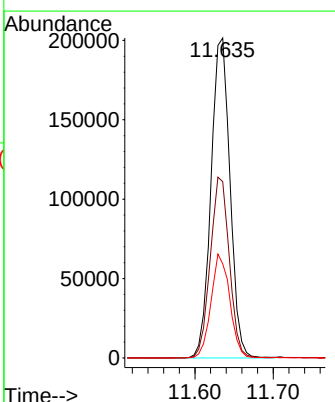
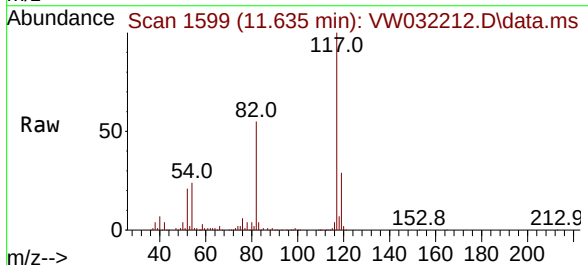
Instrument :
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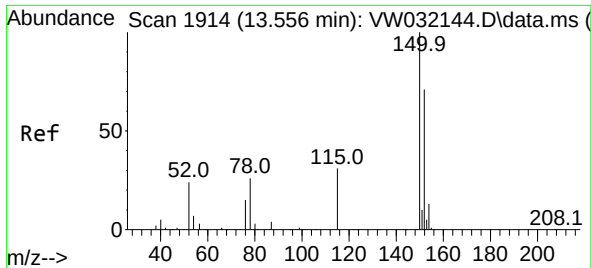
Tgt Ion:	95	Resp:	154079
Ion Ratio	Lower	Upper	
95	100		
174	70.2	0.0	145.6
176	67.8	0.0	140.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.635 min Scan# 1599
 Delta R.T. 0.006 min
 Lab File: VW032212.D
 Acq: 19 Sep 2025 13:59

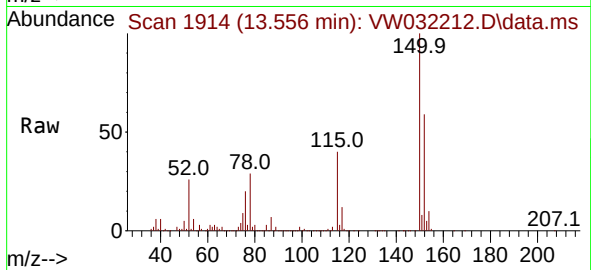
Tgt Ion:	117	Resp:	339827
Ion Ratio	Lower	Upper	
117	100		
82	55.0	42.7	64.1
119	29.4	25.2	37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032212.D
 Acq: 19 Sep 2025 13:59

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-B



Tgt Ion:	152	Resp:	168068
Ion	Ratio	Lower	Upper
152	100		
115	63.6	31.8	95.4
150	154.8	0.0	343.0

