

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111225\
 Data File : VW032438.D
 Acq On : 12 Nov 2025 14:17
 Operator : SY/MD
 Sample : VW1112SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBL01

Quant Time: Nov 14 05:17:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	230899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	567367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	585789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	258554	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	192385	64.627	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	129.260%
35) Dibromofluoromethane	7.892	113	174196	51.280	ug/l	-0.01
Spiked Amount	50.000	Range	70 - 134	Recovery	=	102.560%
50) Toluene-d8	10.325	98	650275	49.899	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.617	95	248115	50.400	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	100.800%

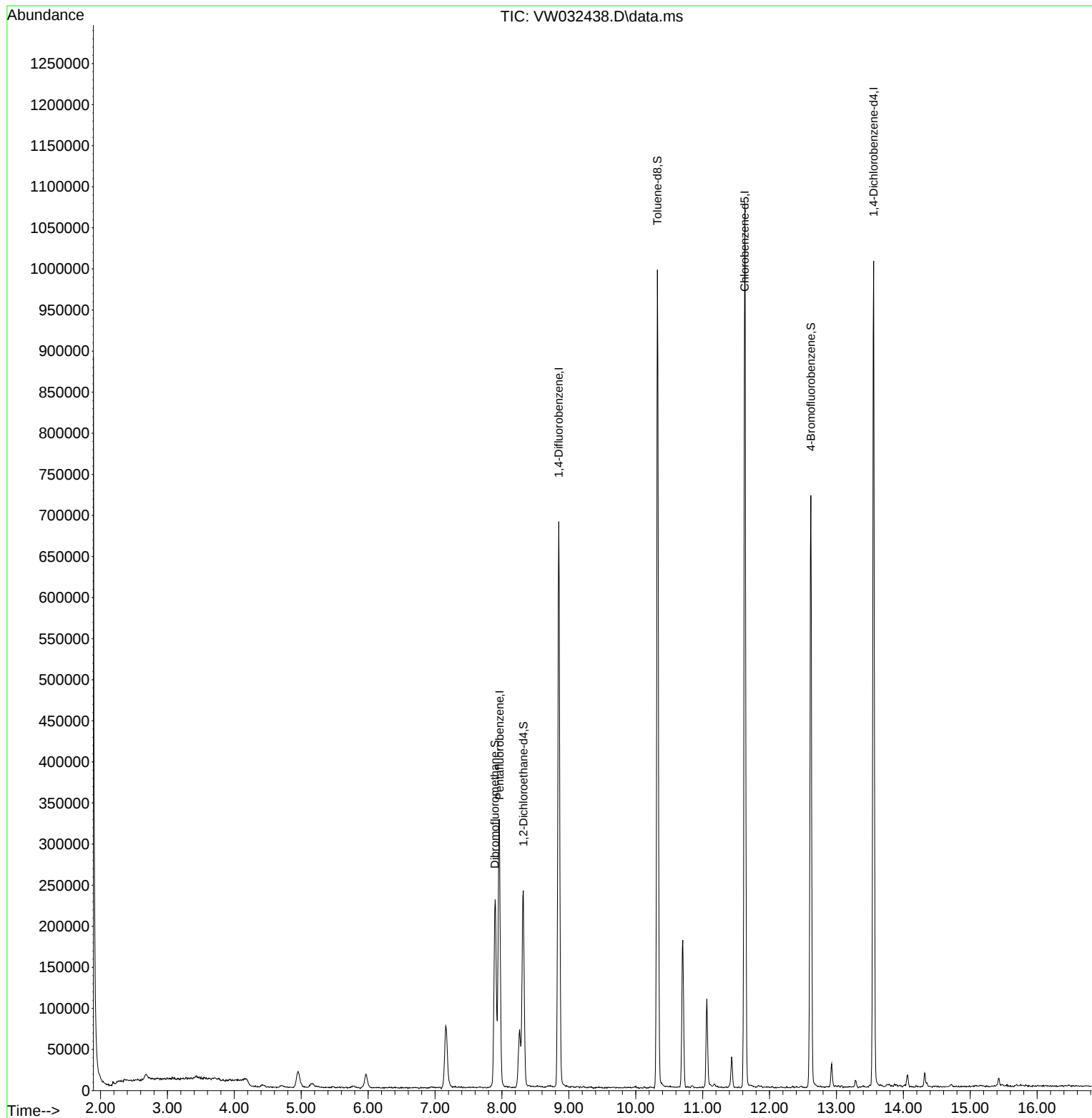
Target Compounds	Qvalue

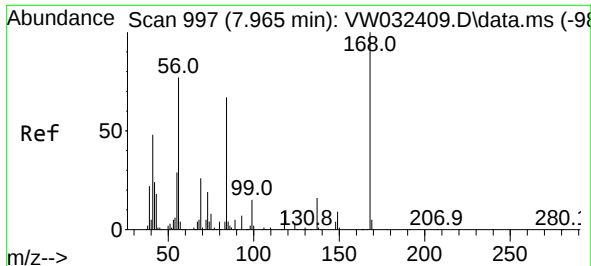
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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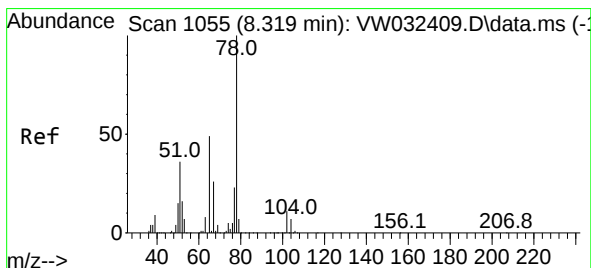
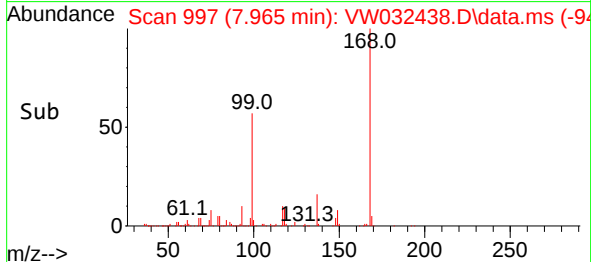
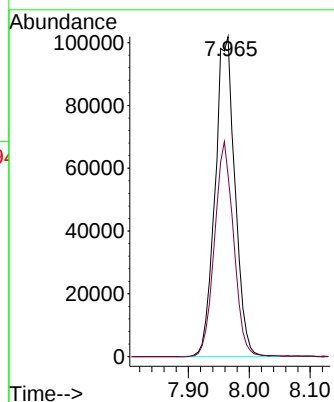
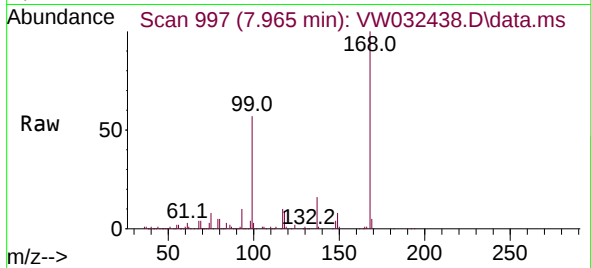




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

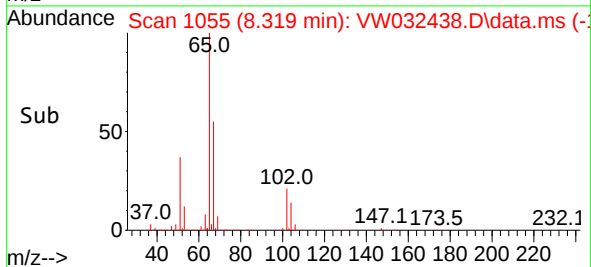
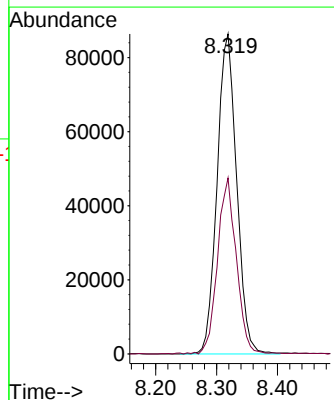
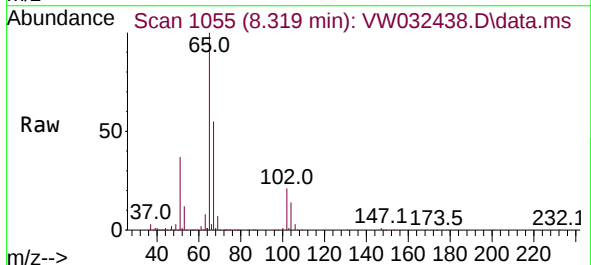
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBL01

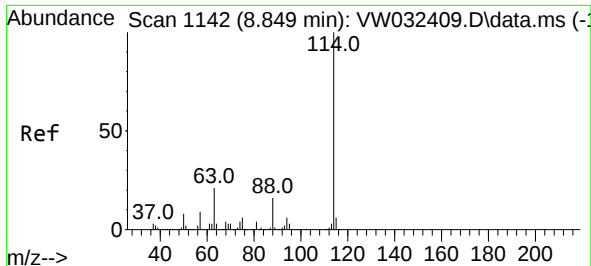
Tgt Ion:168 Resp: 230899
Ion Ratio Lower Upper
168 100
99 56.8 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 64.627 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

Tgt Ion: 65 Resp: 192385
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.8

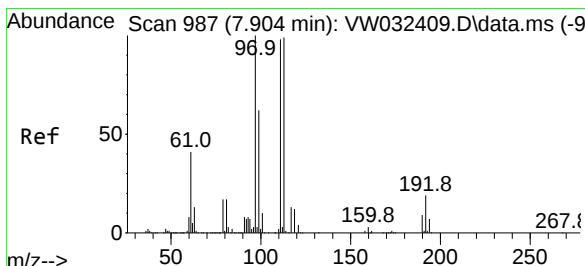
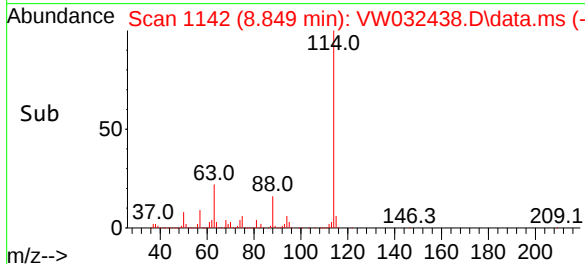
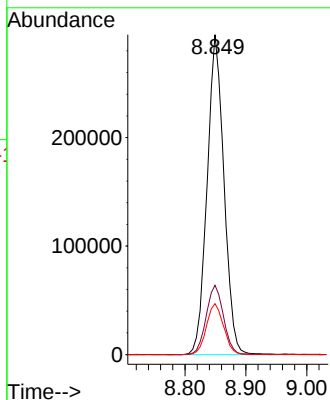
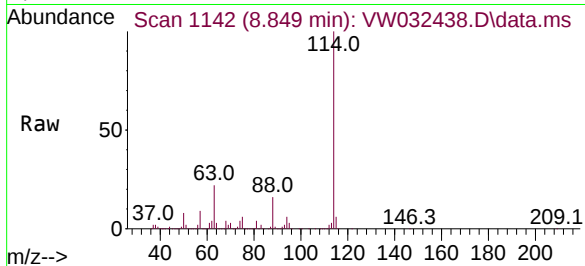




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

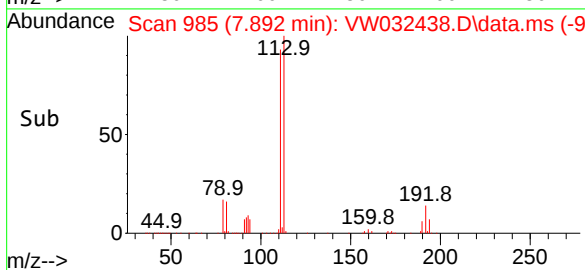
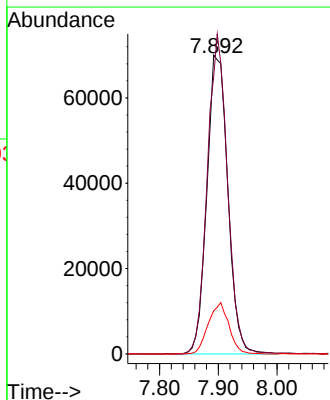
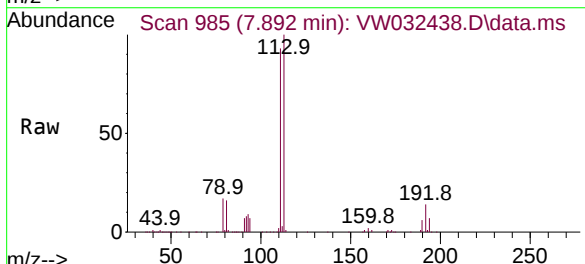
Instrument :
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ClientSampleId :
VW1112SBL01

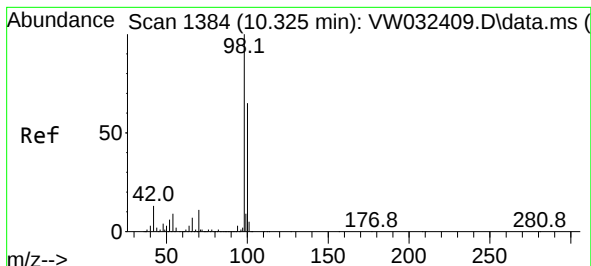
Tgt Ion:	114	Resp:	567367
Ion Ratio	Lower	Upper	
114	100		
63	21.7	0.0	41.8
88	16.0	0.0	32.6



#35
Dibromofluoromethane
Concen: 51.280 ug/l
RT: 7.892 min Scan# 985
Delta R.T. -0.012 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

Tgt Ion:	113	Resp:	174196
Ion Ratio	Lower	Upper	
113	100		
111	102.5	83.1	124.7
192	16.8	13.4	20.2

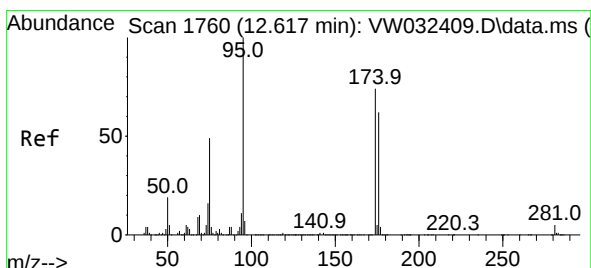
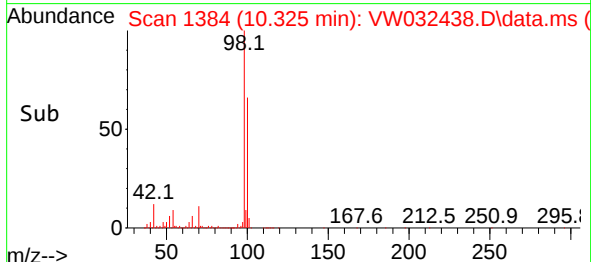
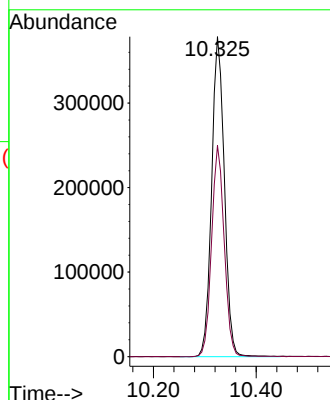
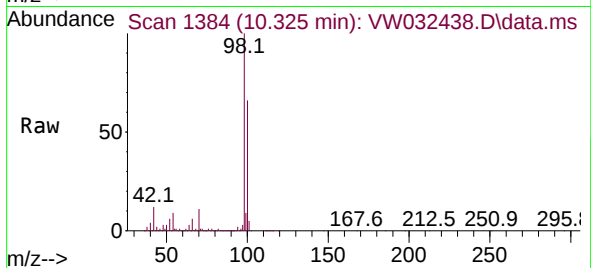




#50
Toluene-d8
Concen: 49.899 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

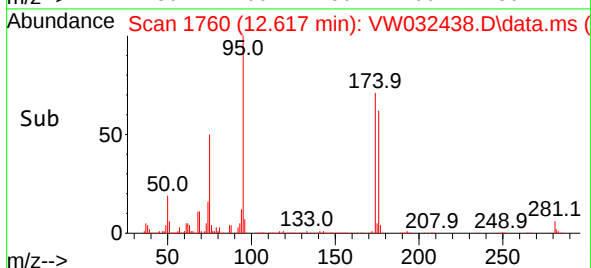
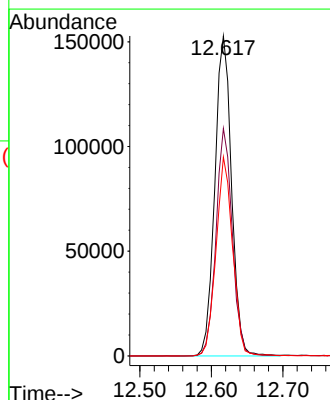
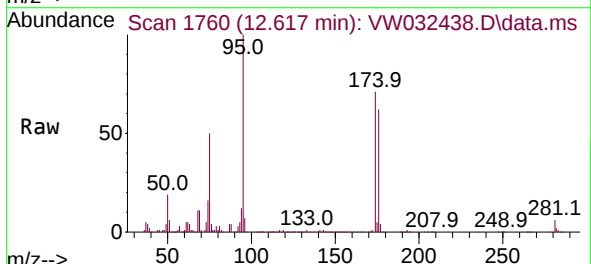
Instrument :
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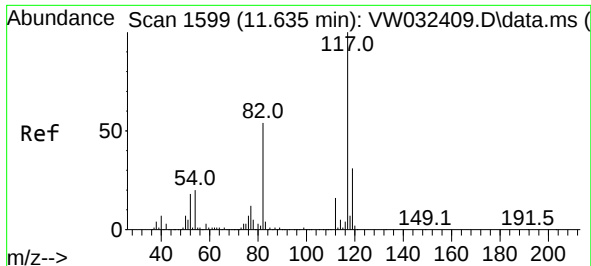
Tgt Ion: 98 Resp: 650275
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 50.400 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

Tgt Ion: 95 Resp: 248115
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.4
176 62.0 0.0 131.8

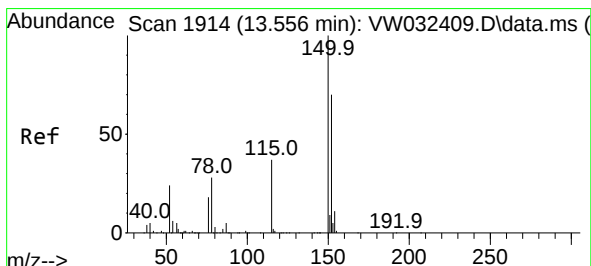
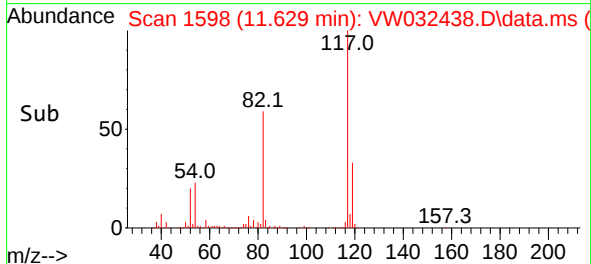
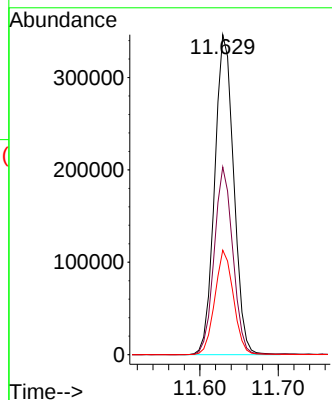
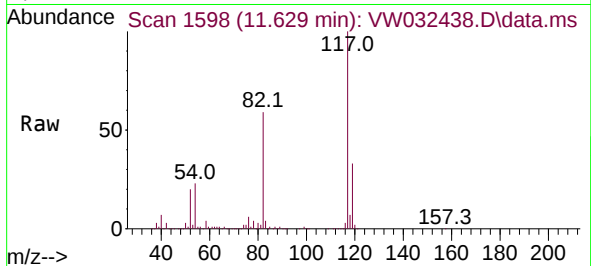




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBL01

Tgt Ion:117 Resp: 585789
Ion Ratio Lower Upper
117 100
82 58.6 43.0 64.4
119 32.6 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032438.D
Acq: 12 Nov 2025 14:17

Tgt Ion:152 Resp: 258554
Ion Ratio Lower Upper
152 100
115 64.9 32.8 98.3
150 153.3 0.0 356.6

