

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031824.D
 Acq On : 11 Jul 2025 16:54
 Operator : SY/MD
 Sample : Q2537-02
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-7.9-2025

Quant Time: Jul 11 22:51:01 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	102630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	210198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	195056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	84818	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	71508	48.551	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	97.100%
35) Dibromofluoromethane	7.898	113	61962	45.174	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	90.340%
50) Toluene-d8	10.331	98	217709	42.651	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	85.300%
62) 4-Bromofluorobenzene	12.617	95	78988	42.050	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	84.100%

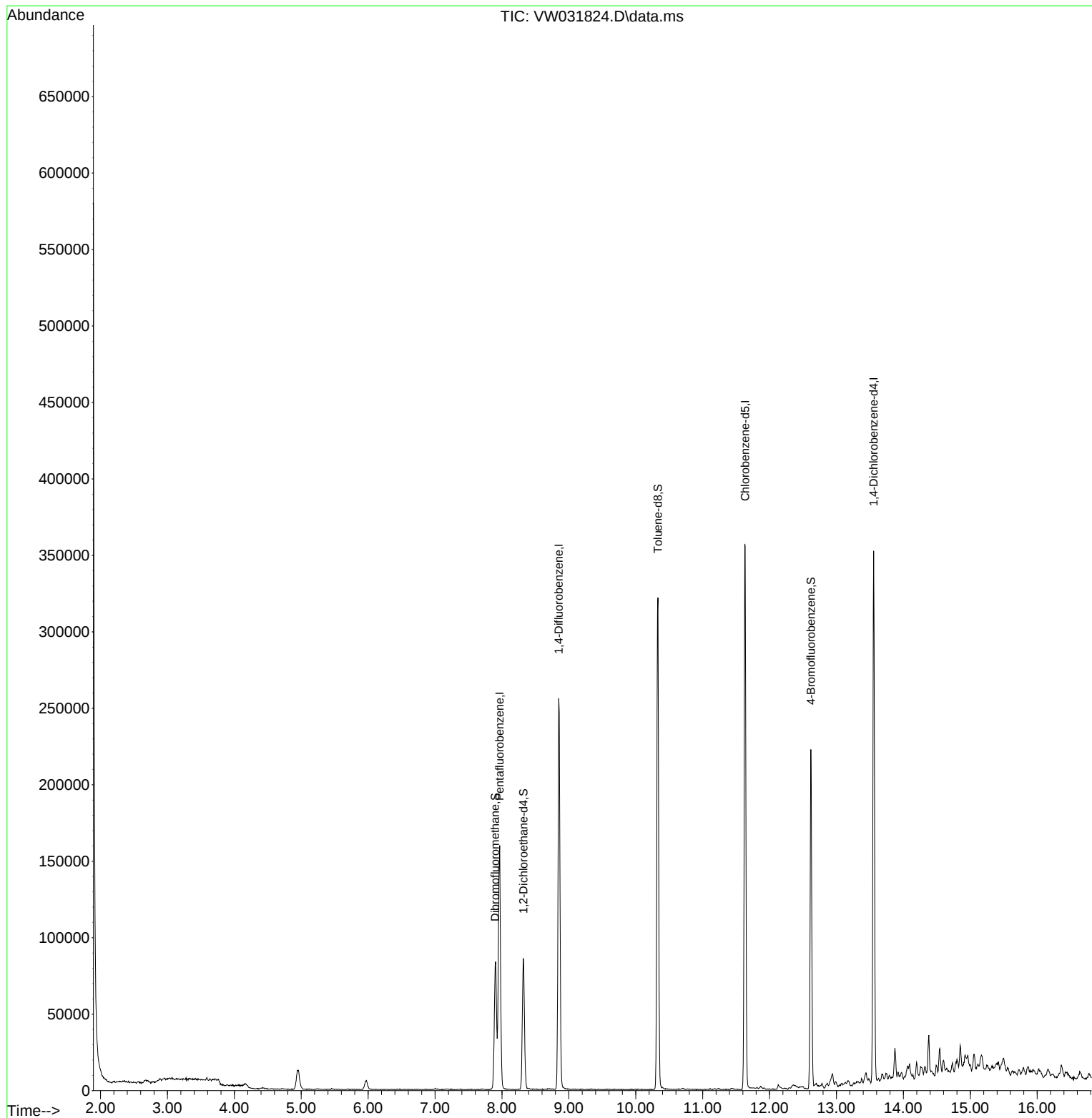
Target Compounds	Qvalue

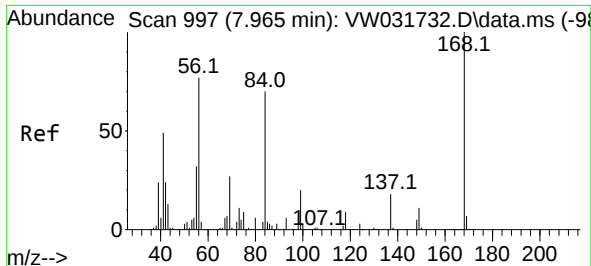
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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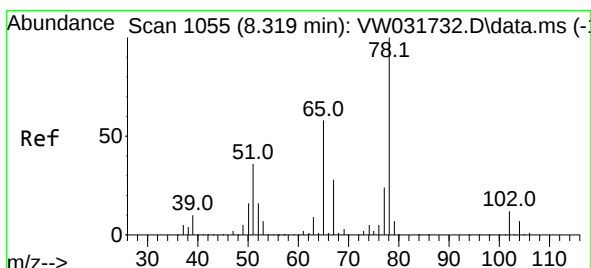
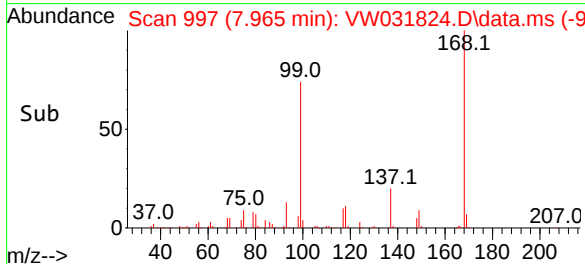
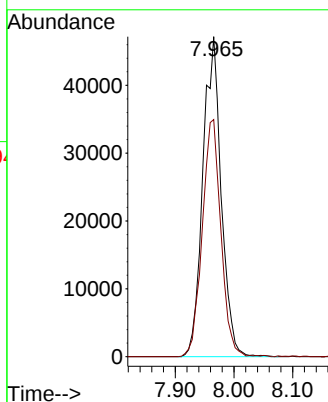
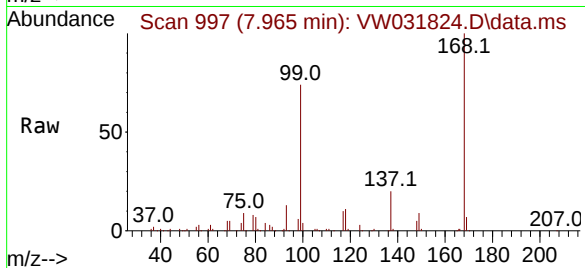




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031824.D
Acq: 11 Jul 2025 16:54

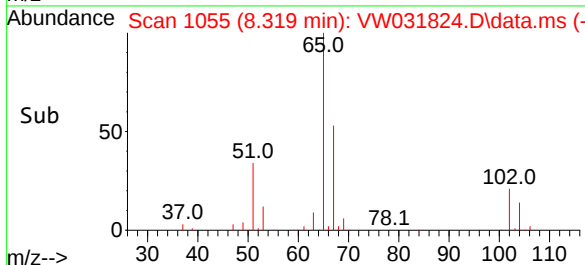
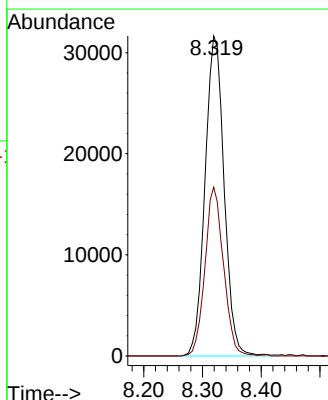
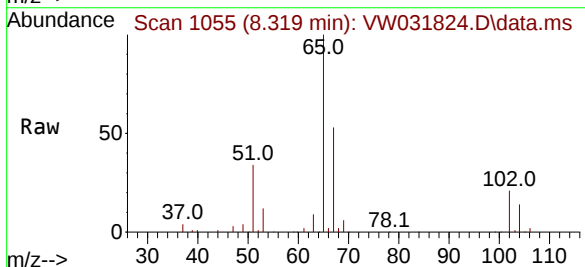
Instrument :
MSVOA_W
ClientSampleId :
TR-04-7.9-2025

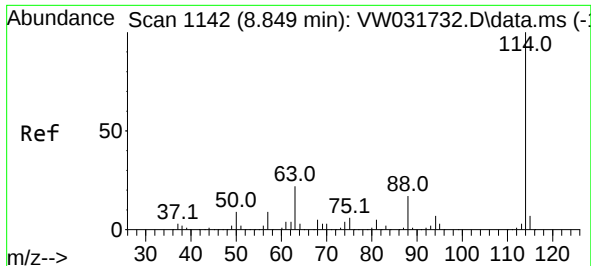
Tgt Ion:168 Resp: 102630
Ion Ratio Lower Upper
168 100
99 74.1 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 48.551 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031824.D
Acq: 11 Jul 2025 16:54

Tgt Ion: 65 Resp: 71508
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.4

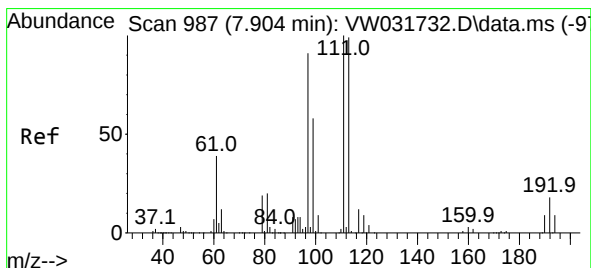
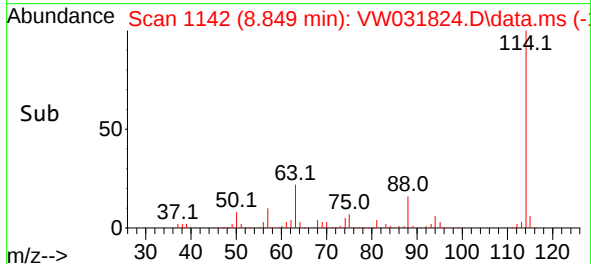
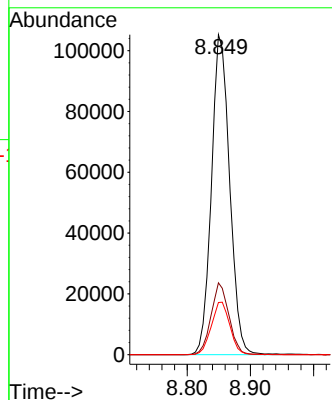
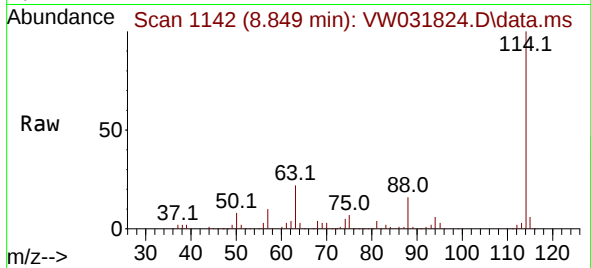




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031824.D
 Acq: 11 Jul 2025 16:54

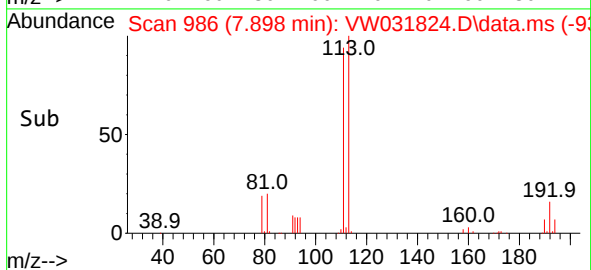
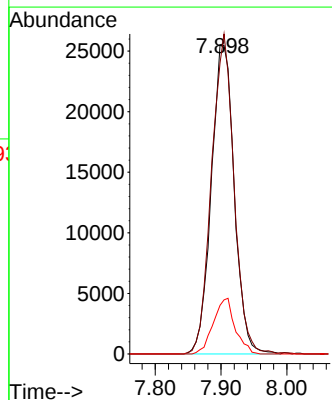
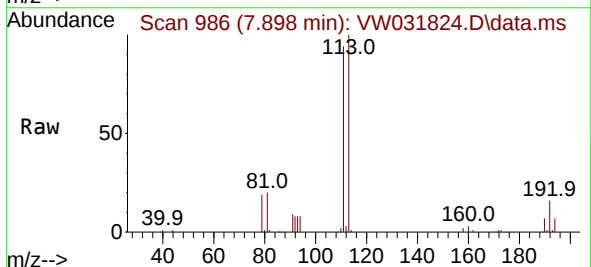
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 ClientSampleId :
 TR-04-7.9-2025

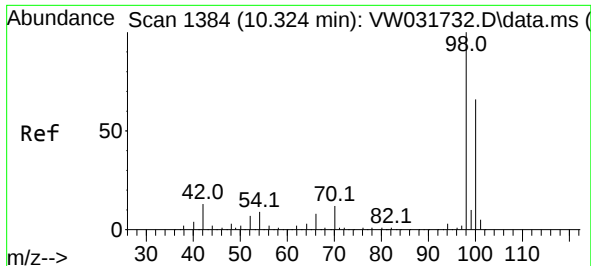
Tgt Ion:114 Resp: 210198
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.6
 88 16.3 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 45.174 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW031824.D
 Acq: 11 Jul 2025 16:54

Tgt Ion:113 Resp: 61962
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.1 123.1
 192 17.1 13.8 20.6

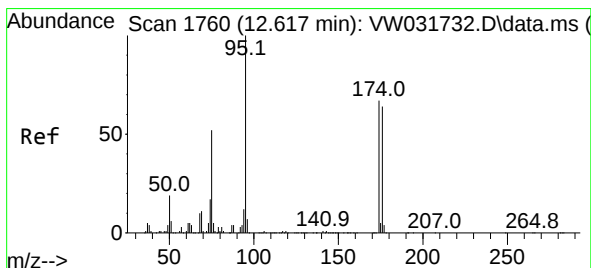
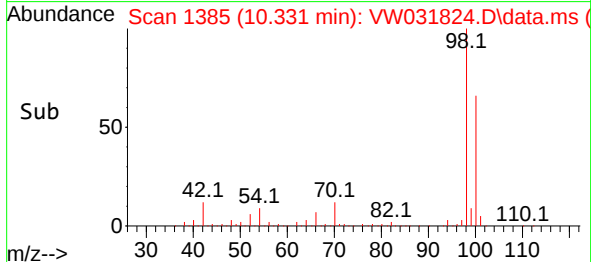
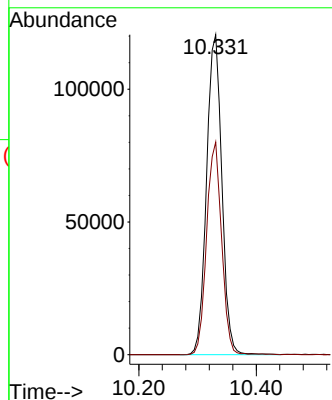
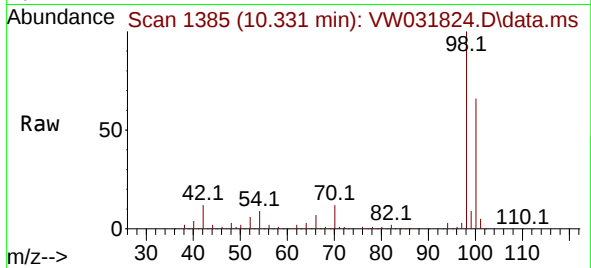




#50
Toluene-d8
Concen: 42.651 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.007 min
Lab File: VW031824.D
Acq: 11 Jul 2025 16:54

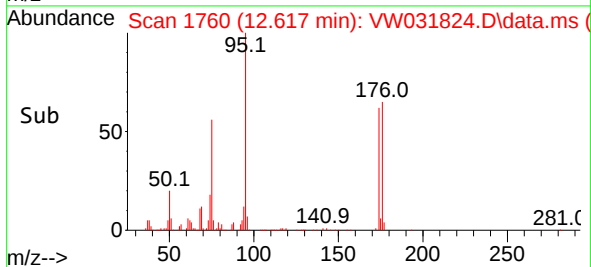
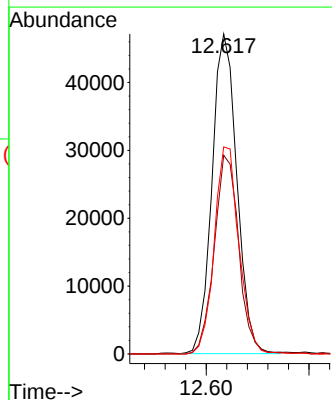
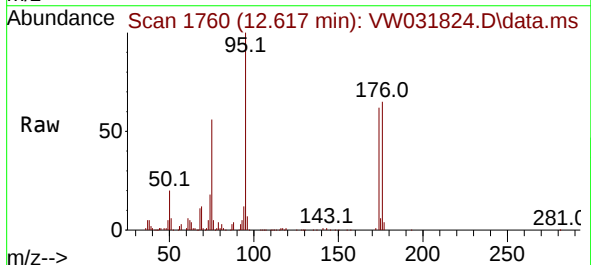
Instrument :
MSVOA_W
ClientSampleId :
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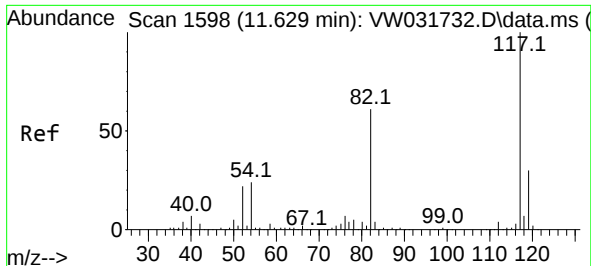
Tgt Ion: 98 Resp: 217709
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 42.050 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031824.D
Acq: 11 Jul 2025 16:54

Tgt Ion: 95 Resp: 78988
Ion Ratio Lower Upper
95 100
174 61.7 0.0 133.8
176 64.4 0.0 126.0

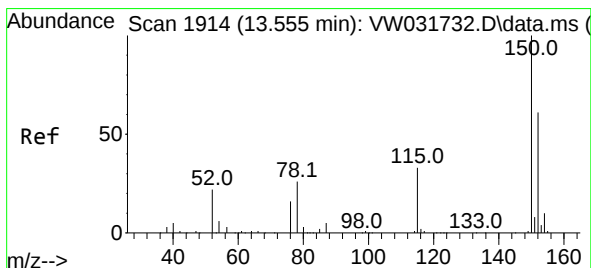
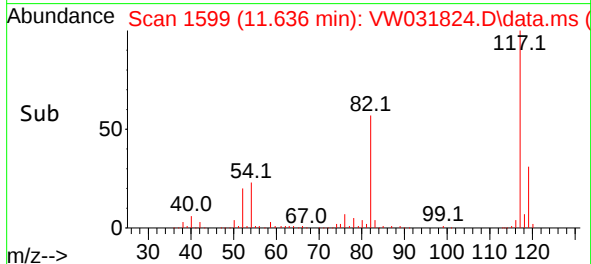
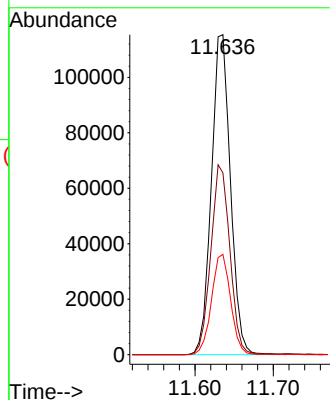
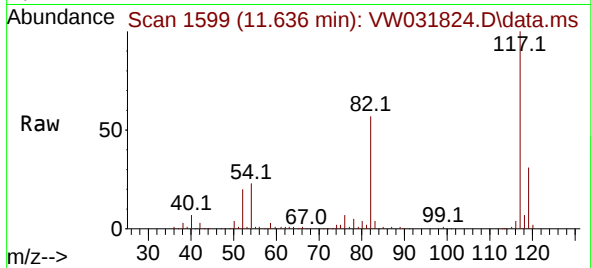




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 11
Delta R.T. 0.007 min
Lab File: VW031824.D
Acq: 11 Jul 2025 16:54

Instrument :
MSVOA_W
ClientSampleId :
TR-04-7.9-2025

Tgt Ion:117 Resp: 195056
Ion Ratio Lower Upper
117 100
82 56.8 48.6 72.8
119 31.3 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: VW031824.D
Acq: 11 Jul 2025 16:54

Tgt Ion:152 Resp: 84818
Ion Ratio Lower Upper
152 100
115 66.0 31.9 95.7
150 163.9 0.0 356.4

