

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
 Data File : VW031869.D
 Acq On : 16 Jul 2025 11:45
 Operator : SY/MD
 Sample : Q2611-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-071525

Quant Time: Jul 17 04:01:33 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	193544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	382406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	357628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	167317	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	130086	46.834	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	93.660%
35) Dibromofluoromethane	7.904	113	114387	45.840	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	91.680%
50) Toluene-d8	10.331	98	411296	44.291	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	88.580%
62) 4-Bromofluorobenzene	12.617	95	163792	47.929	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	95.860%

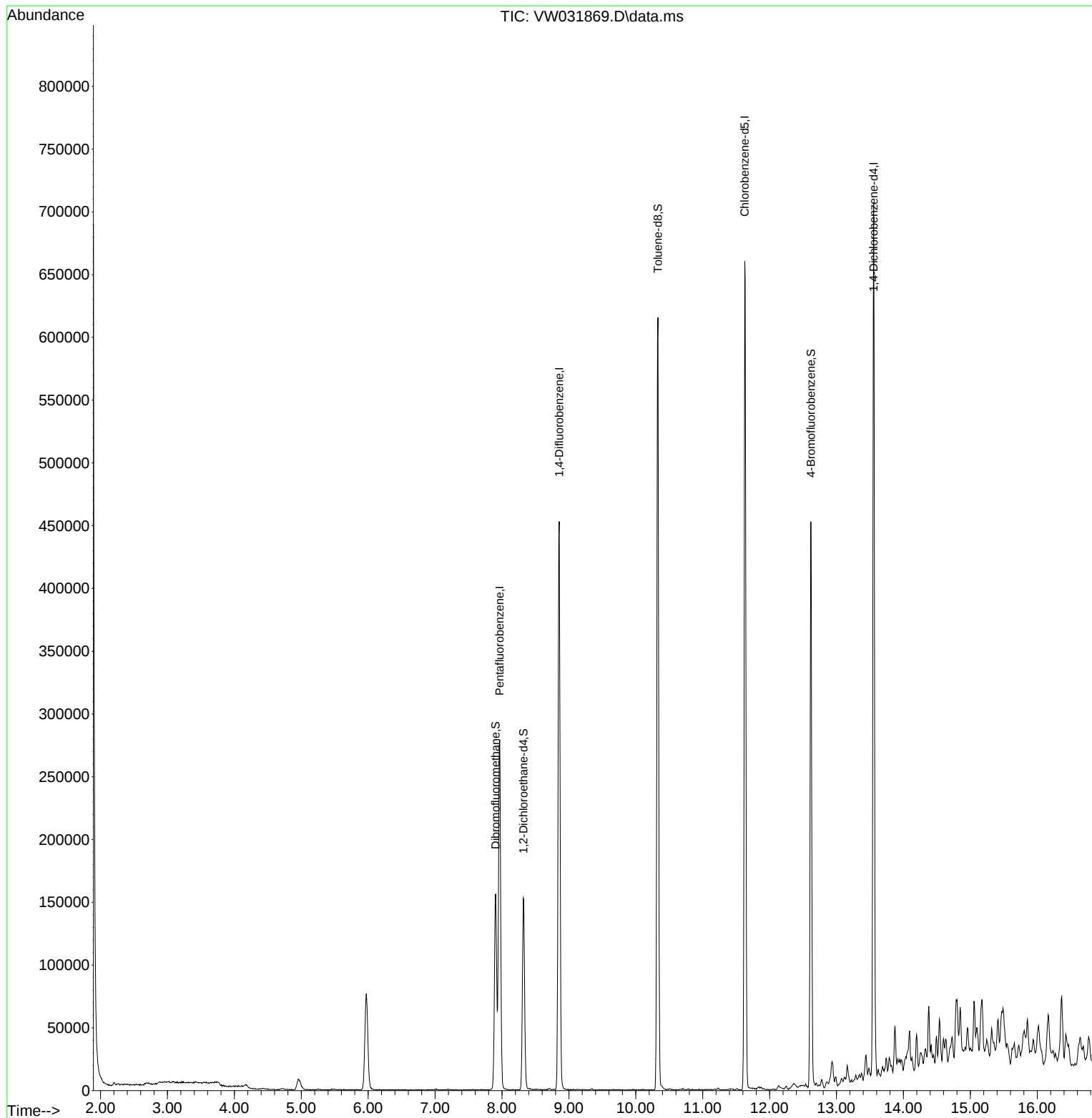
Target Compounds	Qvalue

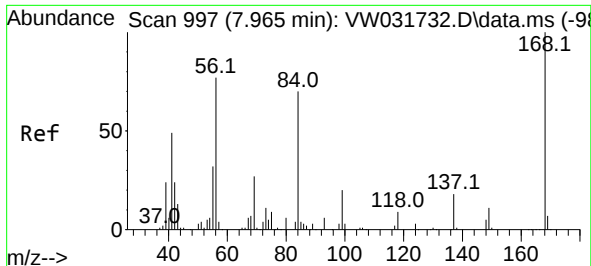
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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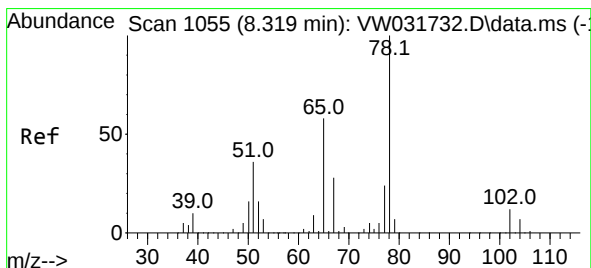
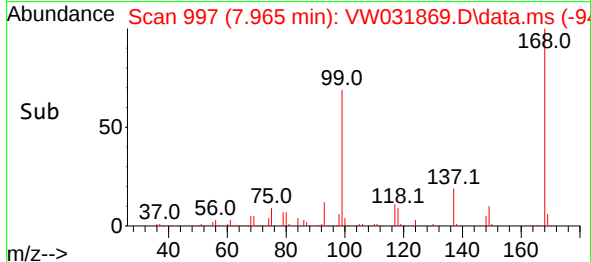
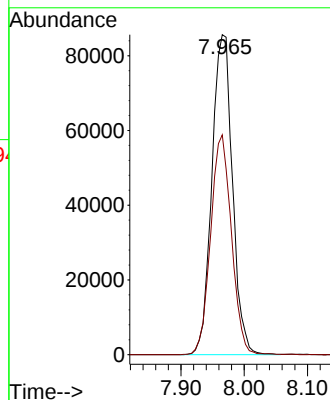
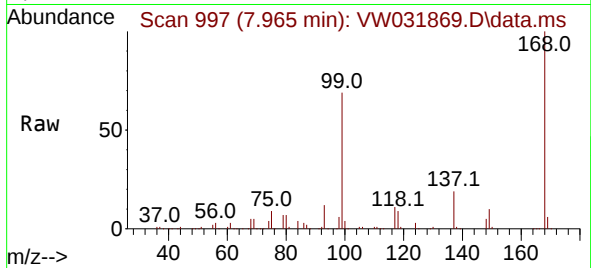




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031869.D
Acq: 16 Jul 2025 11:45

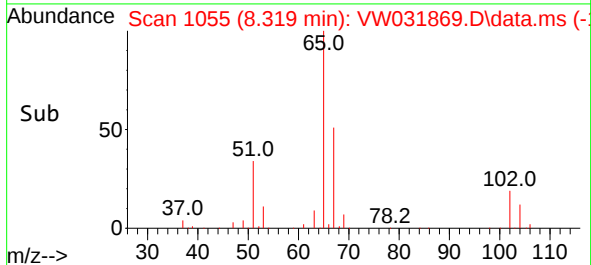
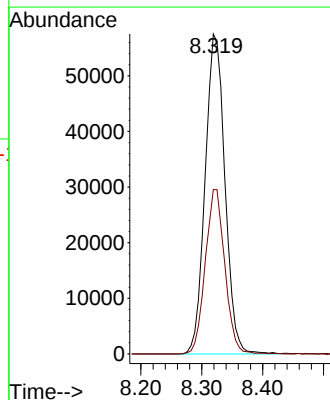
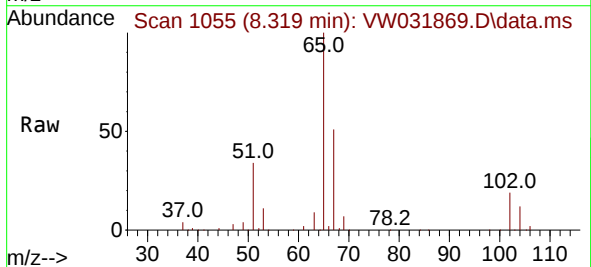
Instrument :
MSVOA_W
ClientSampleId :
EO-02-071525

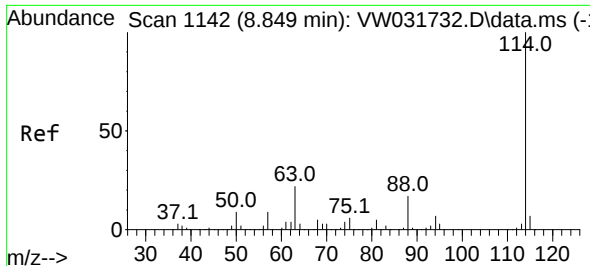
Tgt Ion:168 Resp: 193544
Ion Ratio Lower Upper
168 100
99 68.7 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 46.834 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031869.D
Acq: 16 Jul 2025 11:45

Tgt Ion: 65 Resp: 130086
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4

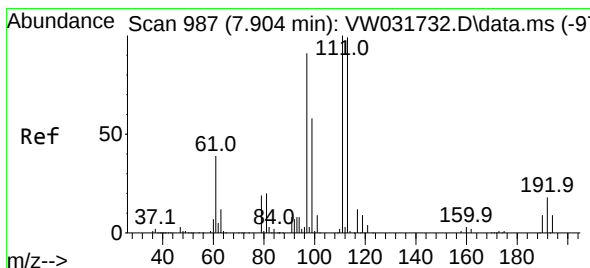
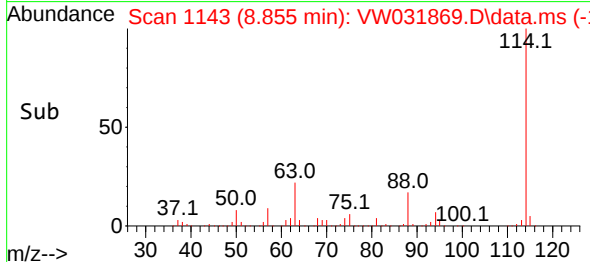
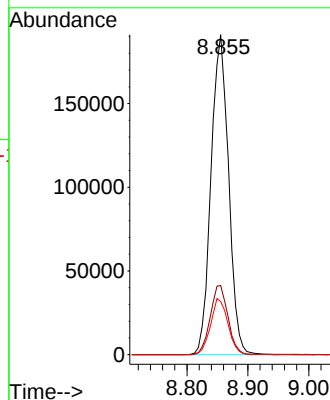
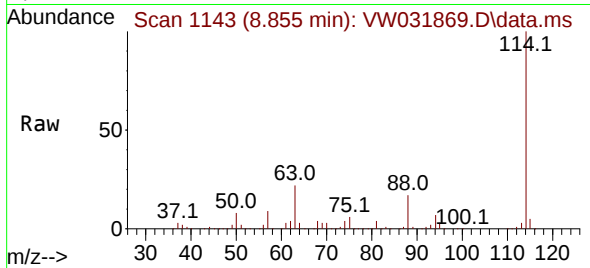




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031869.D
Acq: 16 Jul 2025 11:45

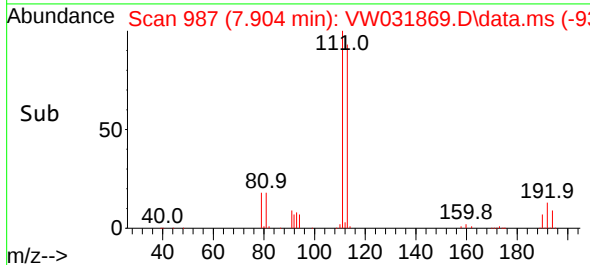
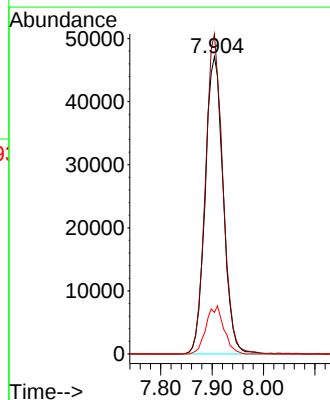
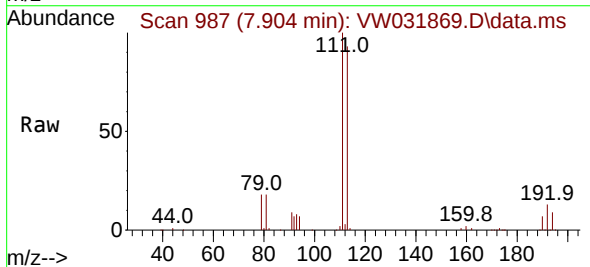
Instrument :
MSVOA_W
ClientSampleId :
EO-02-071525

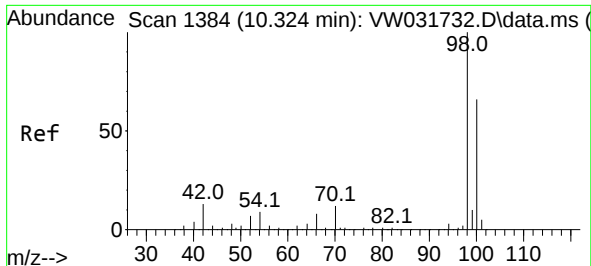
Tgt Ion:114 Resp: 382406
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.6
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 45.840 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031869.D
Acq: 16 Jul 2025 11:45

Tgt Ion:113 Resp: 114387
Ion Ratio Lower Upper
113 100
111 104.2 82.1 123.1
192 16.1 13.8 20.6

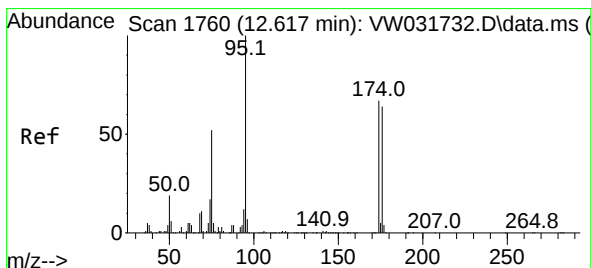
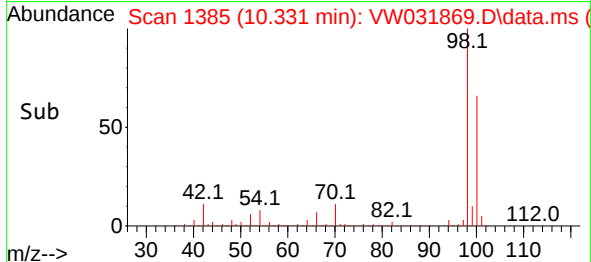
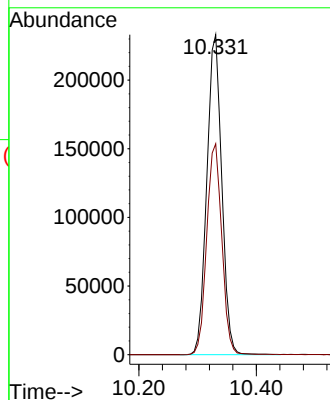
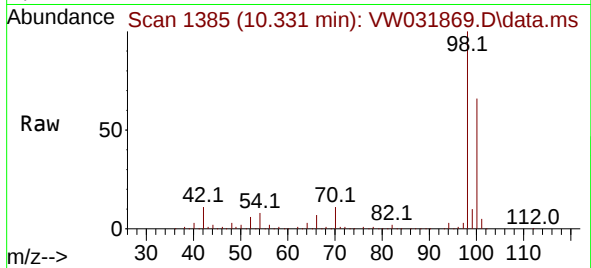




#50
Toluene-d8
Concen: 44.291 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031869.D
Acq: 16 Jul 2025 11:45

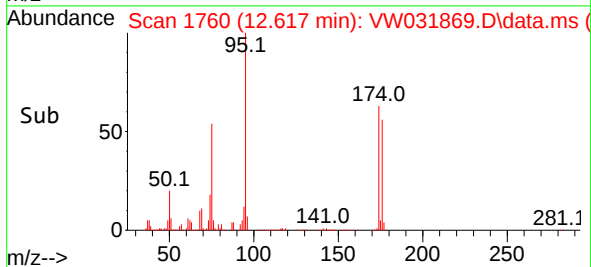
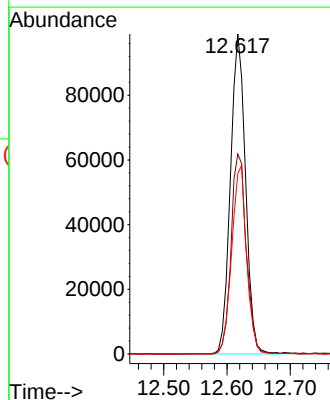
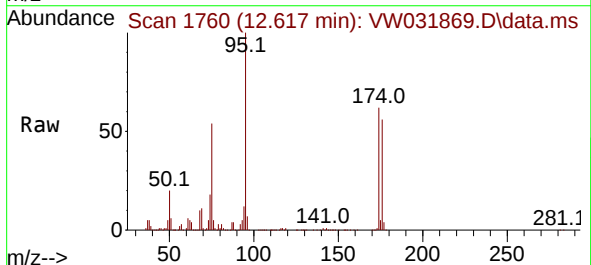
Instrument :
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ClientSampleId :
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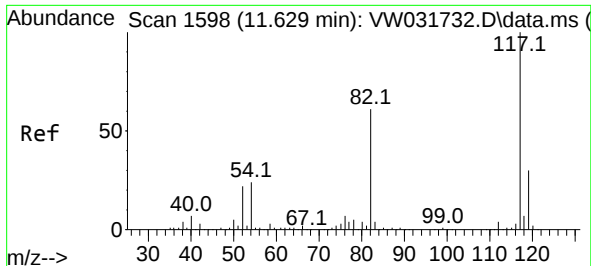
Tgt Ion: 98 Resp: 411296
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.929 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031869.D
Acq: 16 Jul 2025 11:45

Tgt Ion: 95 Resp: 163792
Ion Ratio Lower Upper
95 100
174 63.5 0.0 133.8
176 58.6 0.0 126.0

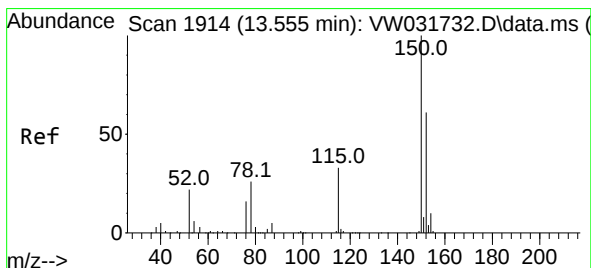
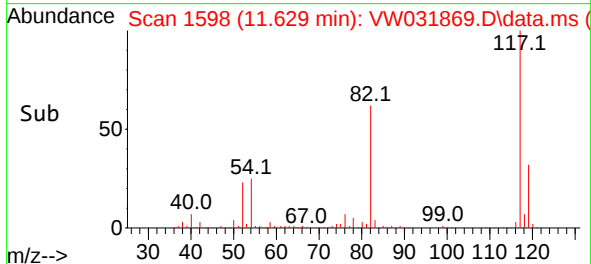
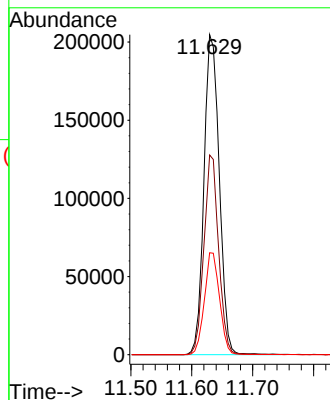
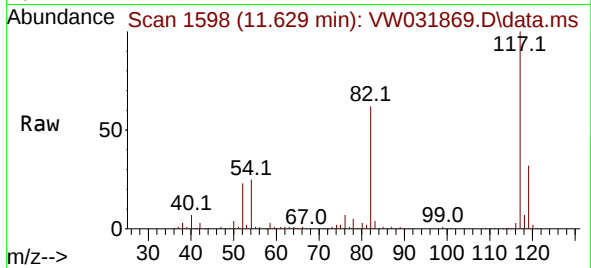




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031869.D
Acq: 16 Jul 2025 11:45

Instrument :
MSVOA_W
ClientSampleId :
EO-02-071525

Tgt Ion:117 Resp: 357628
Ion Ratio Lower Upper
117 100
82 62.4 48.6 72.8
119 31.9 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: VW031869.D
Acq: 16 Jul 2025 11:45

Tgt Ion:152 Resp: 167317
Ion Ratio Lower Upper
152 100
115 69.2 31.9 95.7
150 166.1 0.0 356.4

