

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091825\
 Data File : VW032196.D
 Acq On : 18 Sep 2025 12:04
 Operator : SY/MD
 Sample : Q3118-01RE
 Misc : 5.08g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-091625RE

Quant Time: Sep 19 04:33:33 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	7.953	168	60924	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	126873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	114259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	49578	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	46374	53.224	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	106.440%
35) Dibromofluoromethane	7.898	113	41943	47.120	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.240%
50) Toluene-d8	10.331	98	128179	41.020	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	82.040%
62) 4-Bromofluorobenzene	12.617	95	43700	37.819	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	75.640%

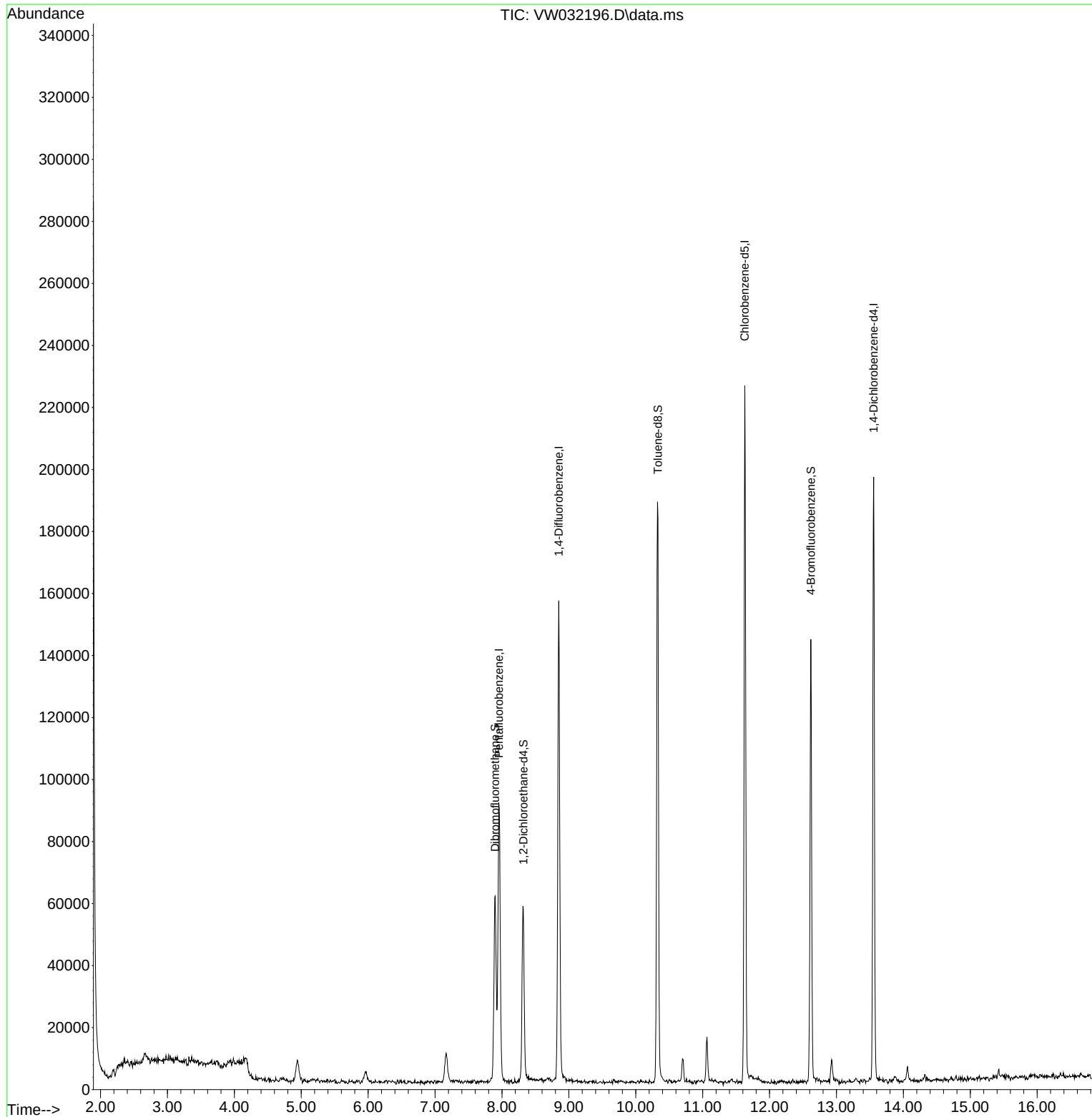
Target Compounds	Qvalue

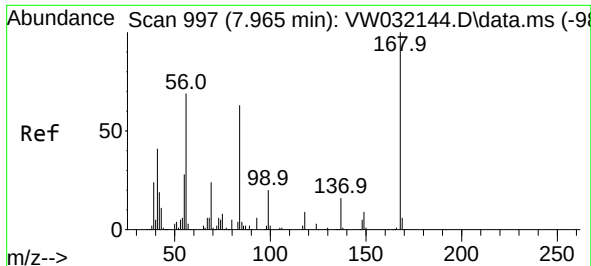
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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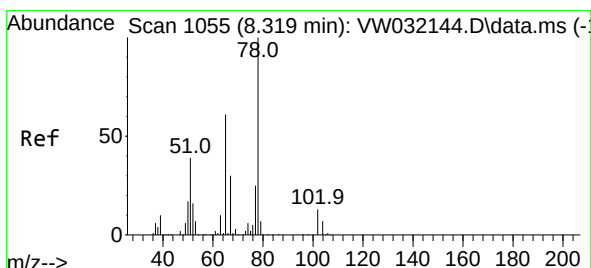
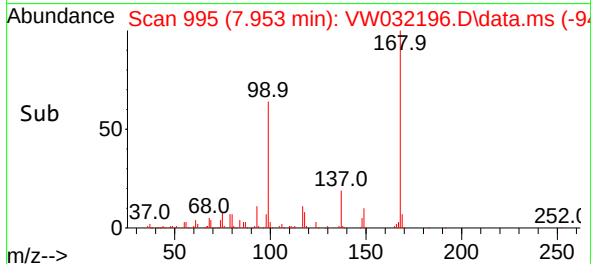
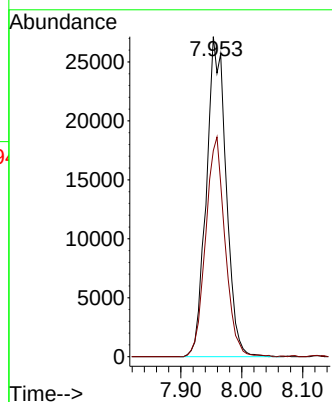
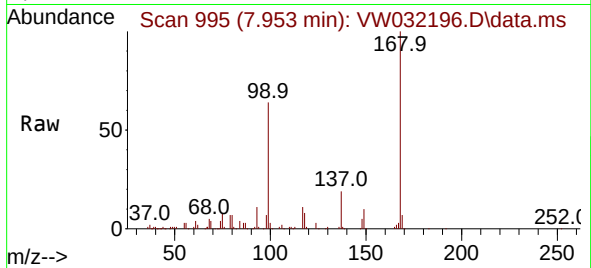




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 997
Delta R.T. -0.012 min
Lab File: VW032196.D
Acq: 18 Sep 2025 12:04

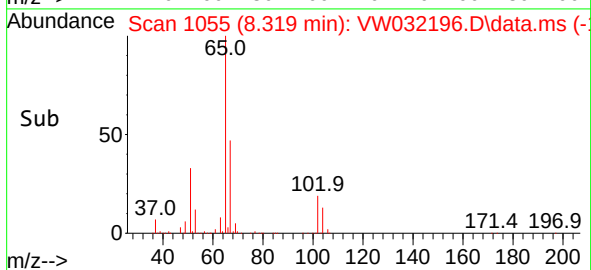
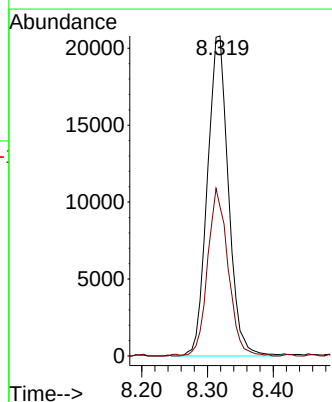
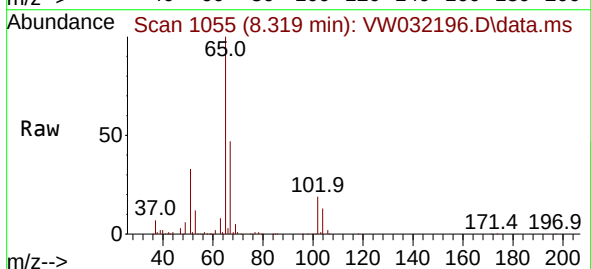
Instrument :
MSVOA_W
ClientSampleId :
EO-01-091625RE

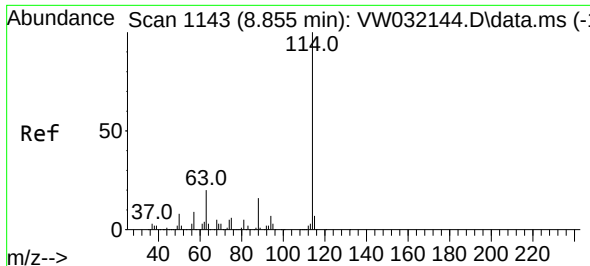
Tgt Ion:168 Resp: 60924
Ion Ratio Lower Upper
168 100
99 64.4 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 53.224 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032196.D
Acq: 18 Sep 2025 12:04

Tgt Ion: 65 Resp: 46374
Ion Ratio Lower Upper
65 100
67 50.9 0.0 99.6

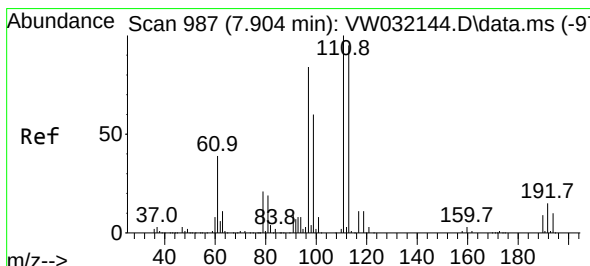
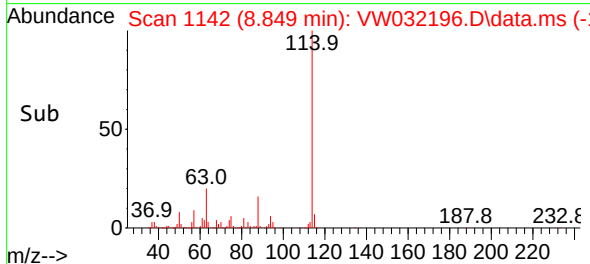
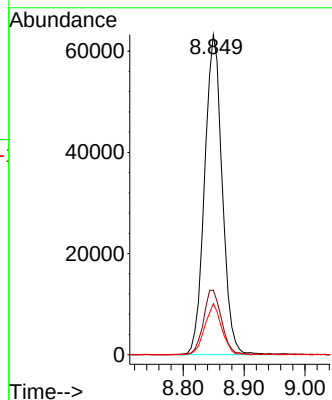
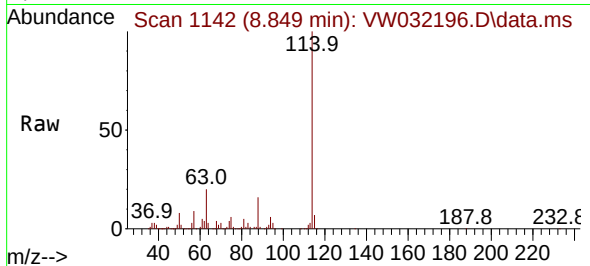




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VW032196.D
Acq: 18 Sep 2025 12:04

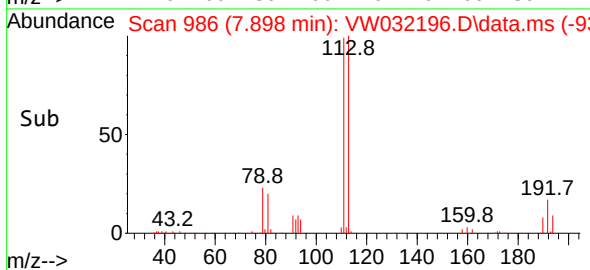
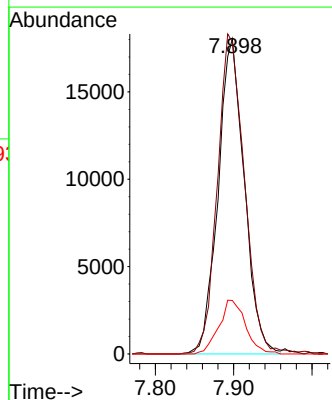
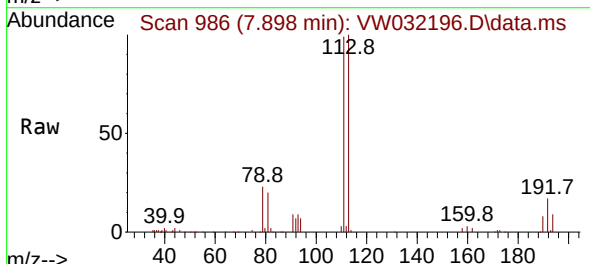
Instrument :
MSVOA_W
ClientSampleId :
EO-01-091625RE

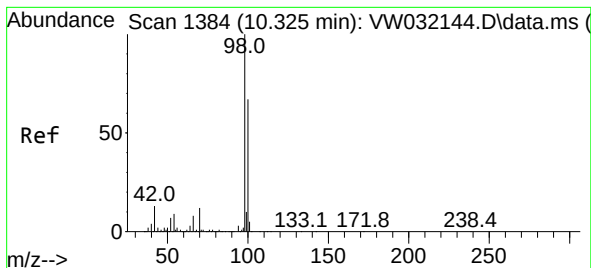
Tgt Ion:114 Resp: 126873
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.4
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 47.120 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032196.D
Acq: 18 Sep 2025 12:04

Tgt Ion:113 Resp: 41943
Ion Ratio Lower Upper
113 100
111 104.8 83.9 125.9
192 17.4 14.6 21.8

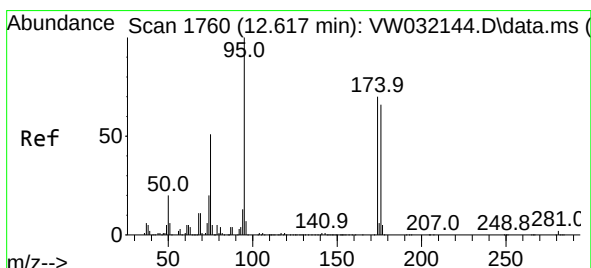
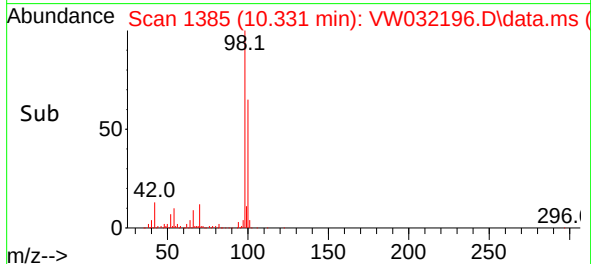
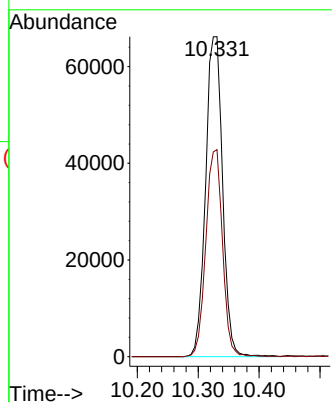
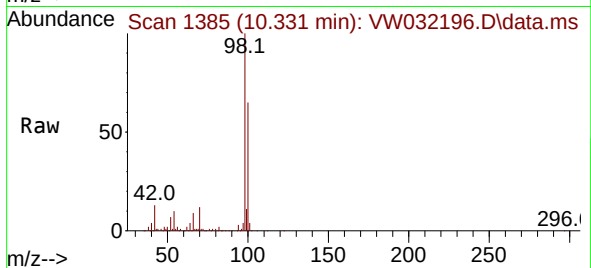




#50
Toluene-d8
Concen: 41.020 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032196.D
Acq: 18 Sep 2025 12:04

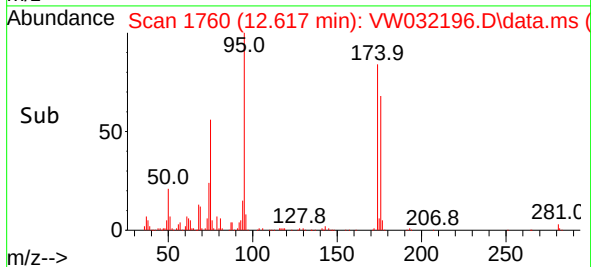
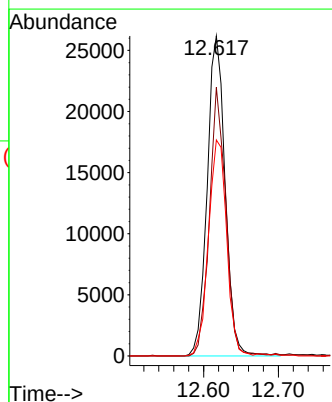
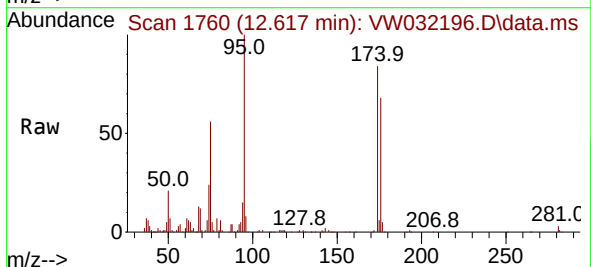
Instrument :
MSVOA_W
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EO-01-091625RE

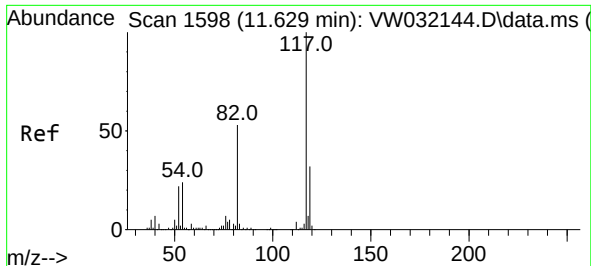
Tgt Ion: 98 Resp: 128179
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 37.819 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032196.D
Acq: 18 Sep 2025 12:04

Tgt Ion: 95 Resp: 43700
Ion Ratio Lower Upper
95 100
174 76.7 0.0 145.6
176 68.5 0.0 140.8

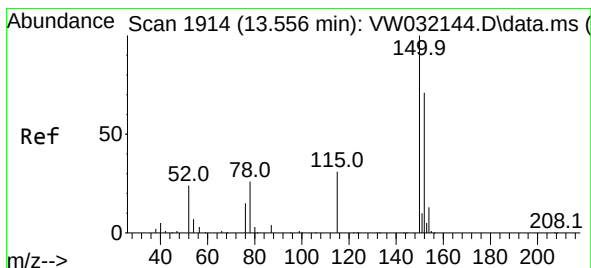
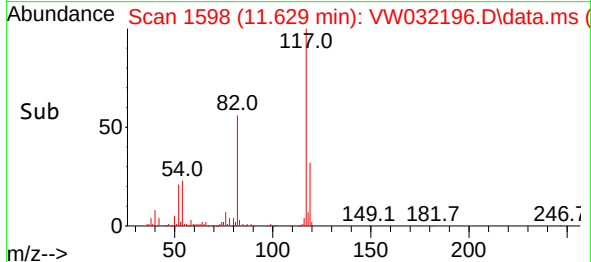
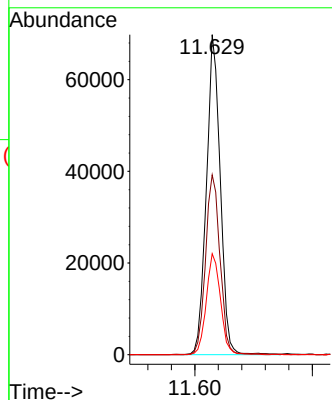
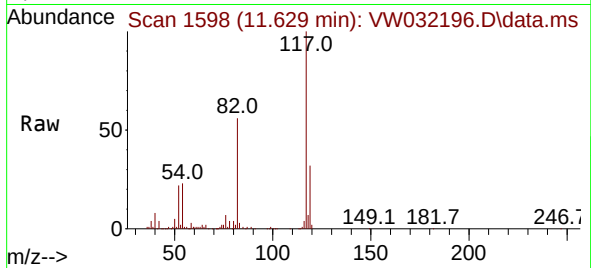




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032196.D
Acq: 18 Sep 2025 12:04

Instrument :
MSVOA_W
ClientSampleId :
EO-01-091625RE

Tgt Ion:117 Resp: 114259
Ion Ratio Lower Upper
117 100
82 56.2 42.7 64.1
119 31.6 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: VW032196.D
Acq: 18 Sep 2025 12:04

Tgt Ion:152 Resp: 49578
Ion Ratio Lower Upper
152 100
115 60.8 31.8 95.4
150 156.7 0.0 343.0

