

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032276.D
 Acq On : 26 Sep 2025 13:39
 Operator : SY/MD
 Sample : Q3206-01RE
 Misc : 5.05g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-06-092525RE

Quant Time: Sep 27 04:36:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	55892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	108289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	102819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	45916	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	43230	48.985	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	97.960%
35) Dibromofluoromethane	7.904	113	36124	46.385	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	92.780%
50) Toluene-d8	10.325	98	122381	43.603	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	87.200%
62) 4-Bromofluorobenzene	12.617	95	39360	37.178	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	74.360%

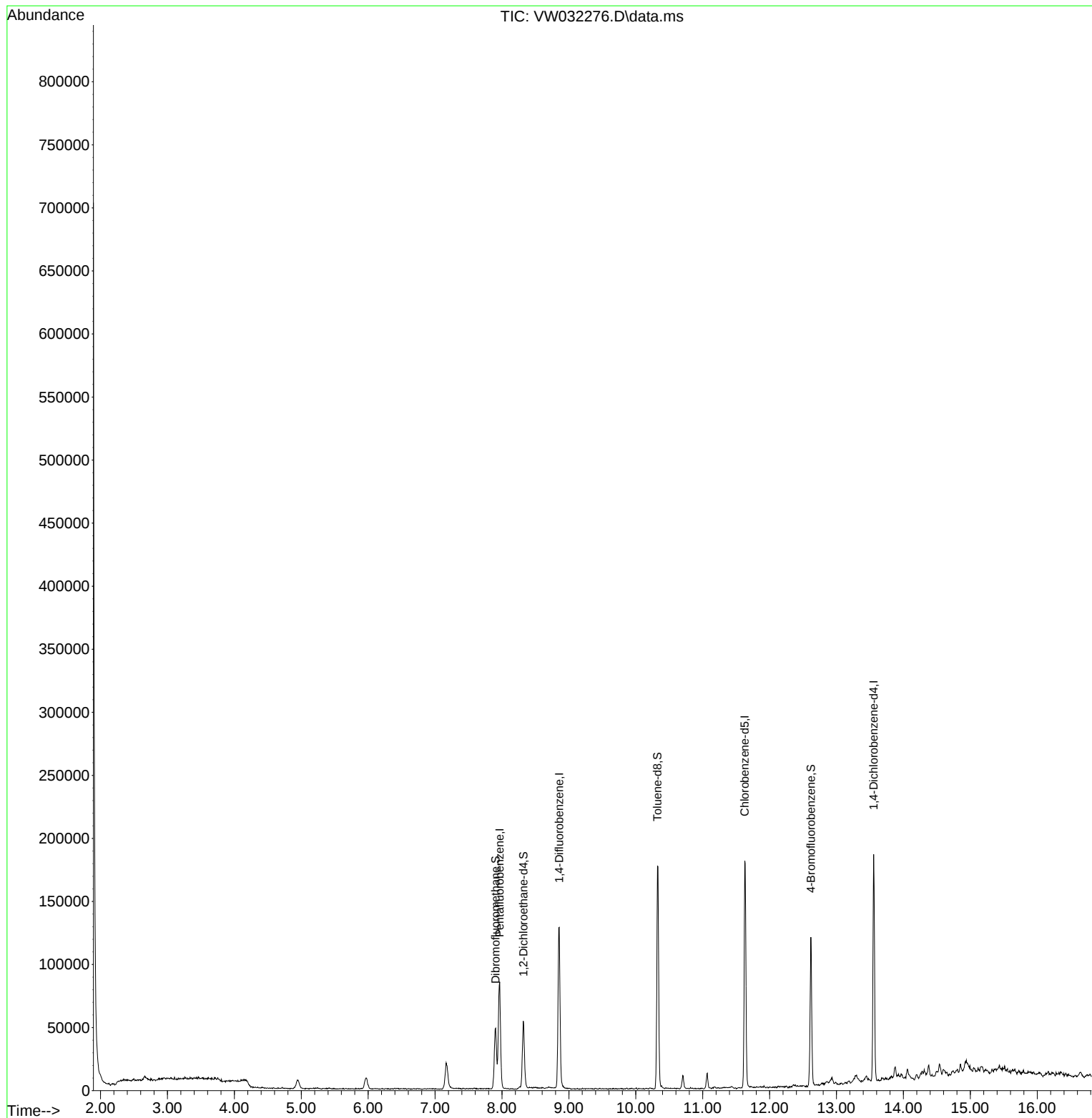
Target Compounds	Qvalue

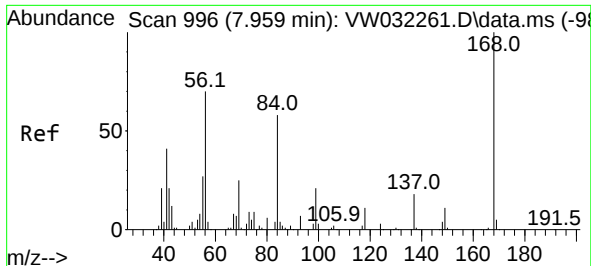
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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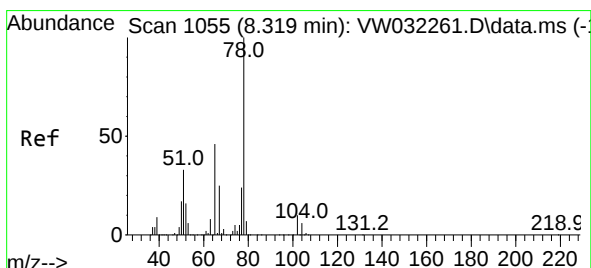
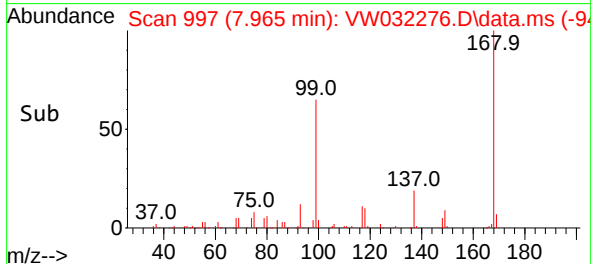
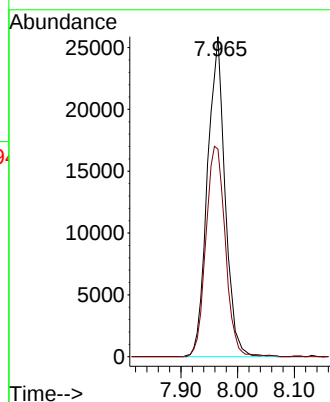
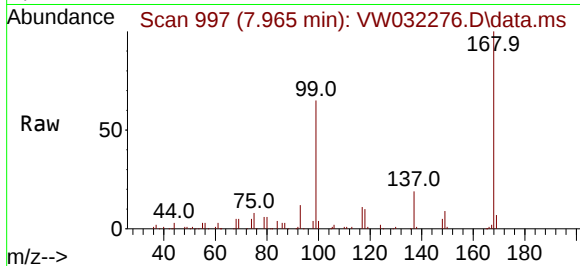




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032276.D
Acq: 26 Sep 2025 13:39

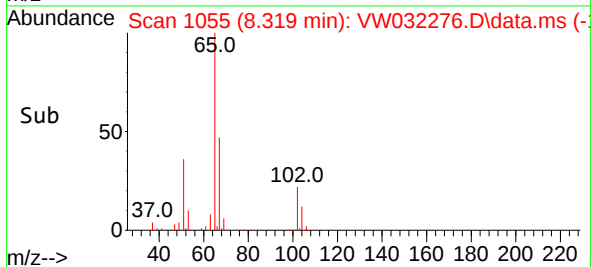
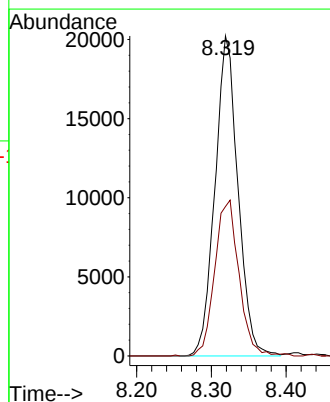
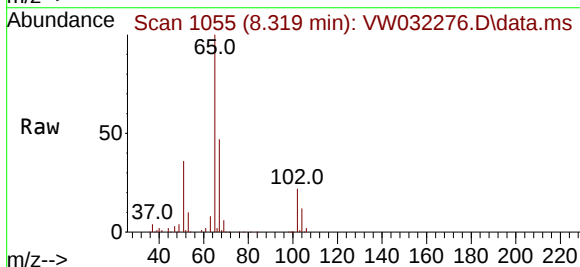
Instrument :
MSVOA_W
ClientSampleId :
TR-06-092525RE

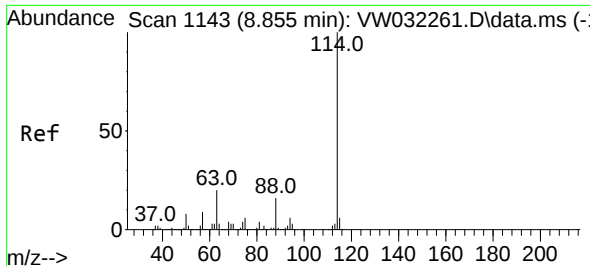
Tgt Ion:168 Resp: 55892
Ion Ratio Lower Upper
168 100
99 64.9 55.0 82.4



#33
1,2-Dichloroethane-d4
Concen: 48.985 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032276.D
Acq: 26 Sep 2025 13:39

Tgt Ion: 65 Resp: 43230
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.8

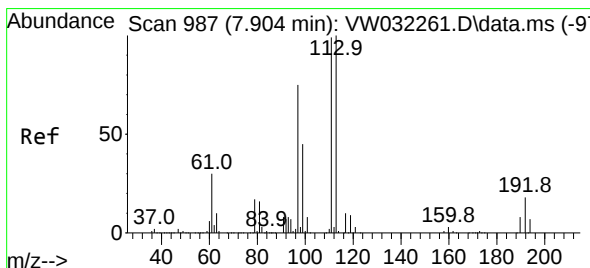
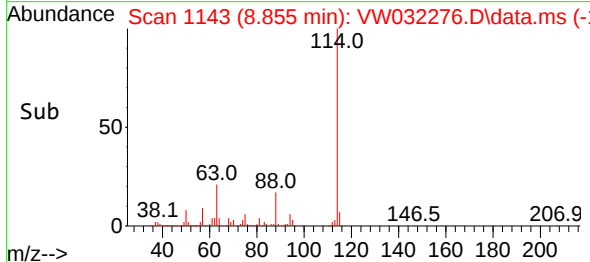
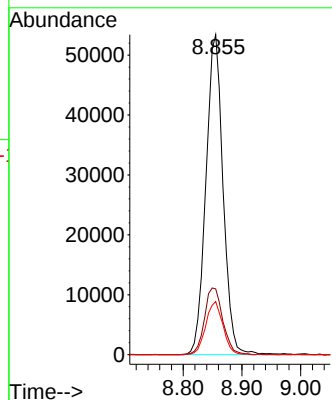
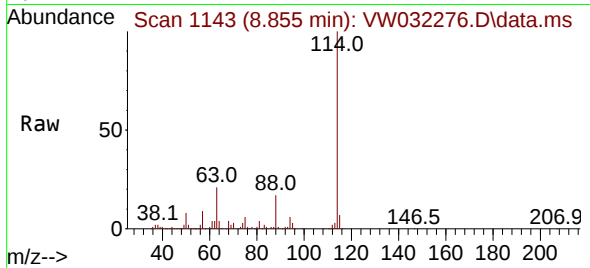




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VW032276.D
 Acq: 26 Sep 2025 13:39

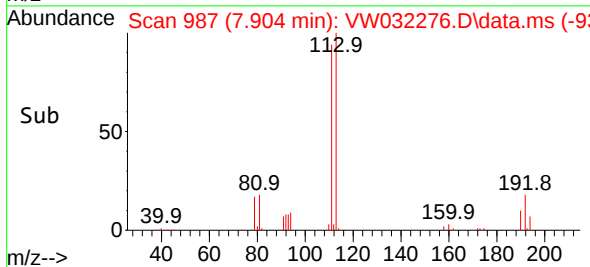
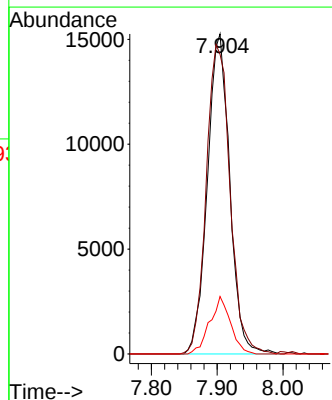
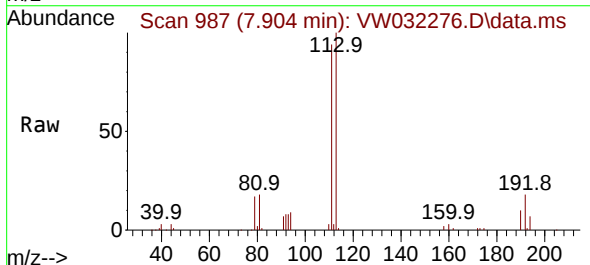
Instrument :
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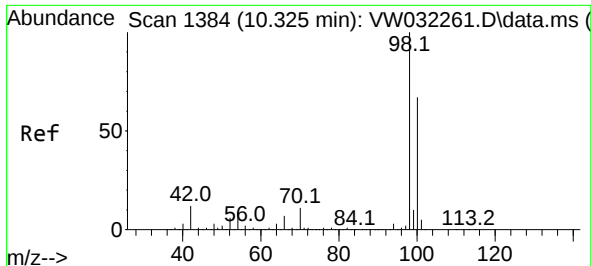
Tgt Ion:114 Resp: 108289
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.2
 88 16.6 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 46.385 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW032276.D
 Acq: 26 Sep 2025 13:39

Tgt Ion:113 Resp: 36124
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.8
 192 16.7 13.0 19.4

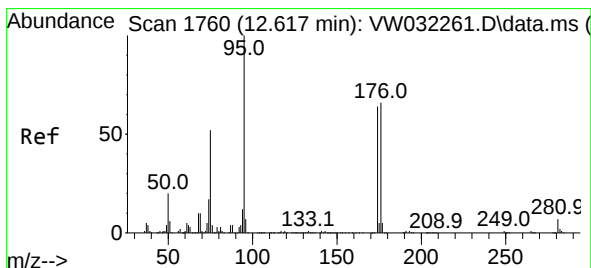
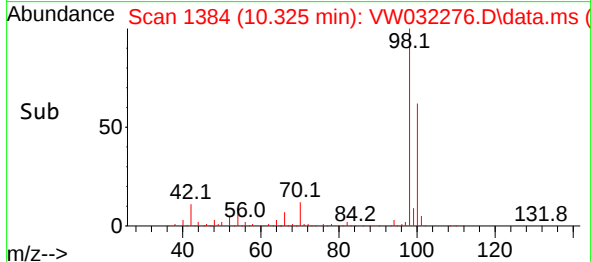
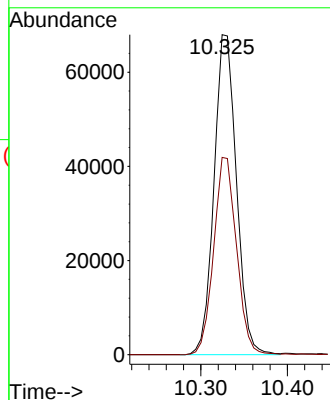
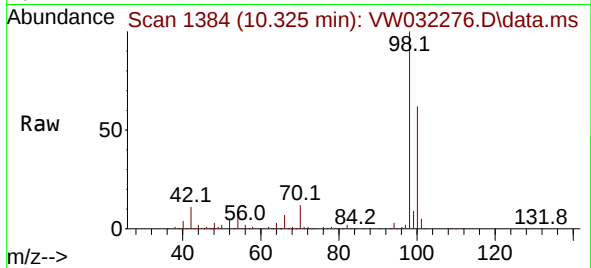




#50
Toluene-d8
Concen: 43.603 ug/l
RT: 10.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032276.D
Acq: 26 Sep 2025 13:39

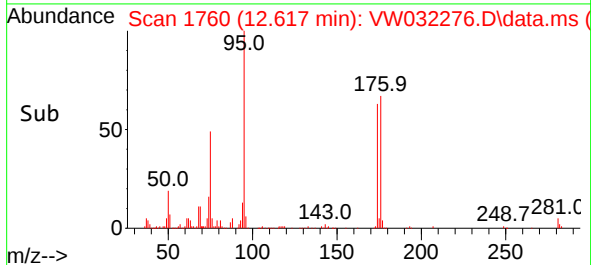
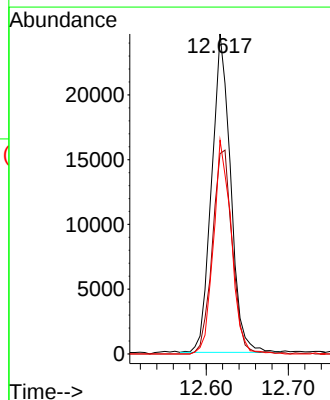
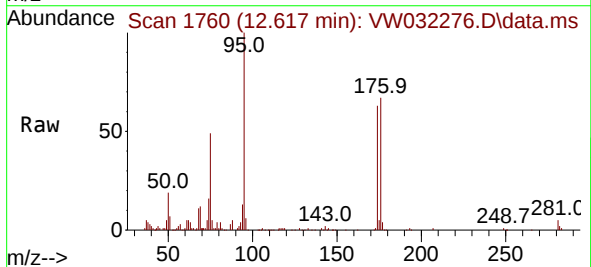
Instrument :
MSVOA_W
ClientSampleId :
TR-06-092525RE

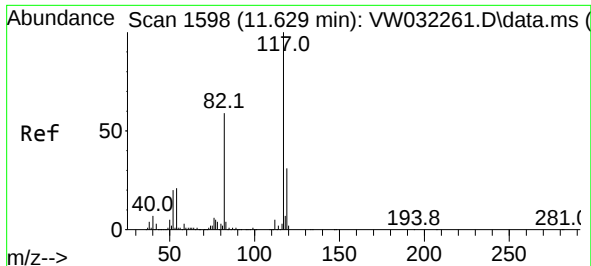
Tgt Ion: 98 Resp: 122381
Ion Ratio Lower Upper
98 100
100 62.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 37.178 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032276.D
Acq: 26 Sep 2025 13:39

Tgt Ion: 95 Resp: 39360
Ion Ratio Lower Upper
95 100
174 67.6 0.0 130.6
176 63.2 0.0 127.0

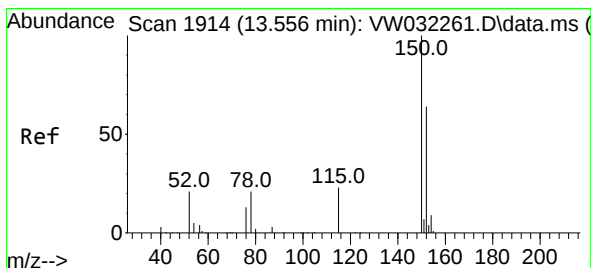
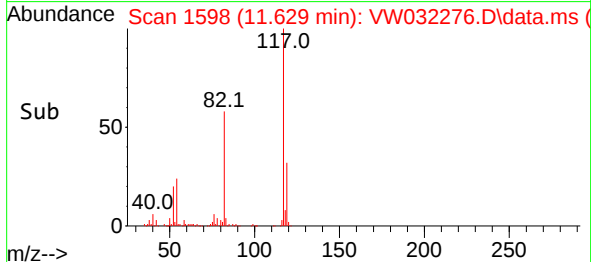
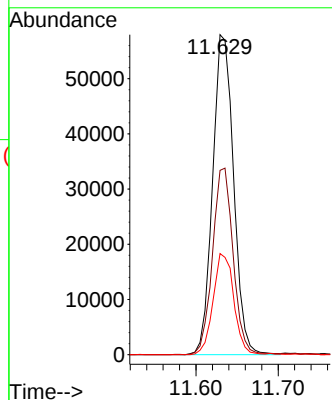
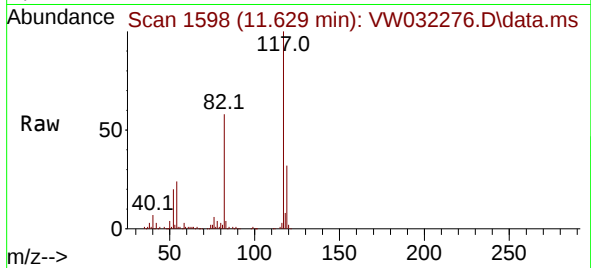




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032276.D
Acq: 26 Sep 2025 13:39

Instrument :
MSVOA_W
ClientSampleId :
TR-06-092525RE

Tgt Ion:117 Resp: 102819
Ion Ratio Lower Upper
117 100
82 57.5 46.9 70.3
119 31.6 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032276.D
Acq: 26 Sep 2025 13:39

Tgt Ion:152 Resp: 45916
Ion Ratio Lower Upper
152 100
115 65.5 32.5 97.5
150 159.3 0.0 370.2

