

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032543.D
 Acq On : 26 Nov 2025 14:58
 Operator : SY/MD
 Sample : Q3719-04
 Misc : 4.14g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-11B

Quant Time: Nov 27 00:28:24 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	7.959	168	183438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	469951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	532584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	255138	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	169854	71.821	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	143.640%
35) Dibromofluoromethane	7.904	113	150929	53.641	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	107.280%
50) Toluene-d8	10.331	98	509971	47.244	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	94.480%
62) 4-Bromofluorobenzene	12.617	95	224746	55.116	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	110.240%

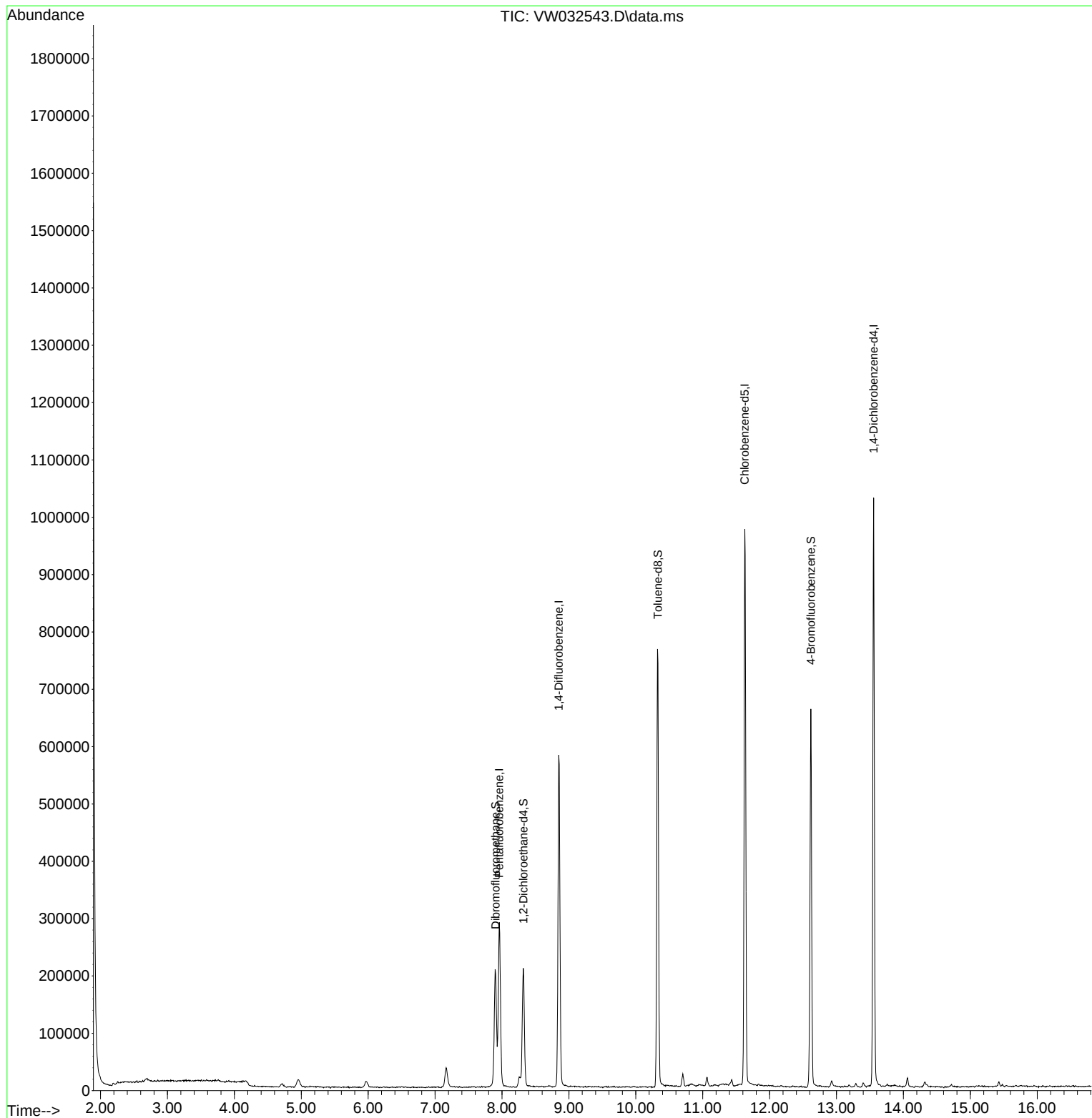
Target Compounds	Qvalue

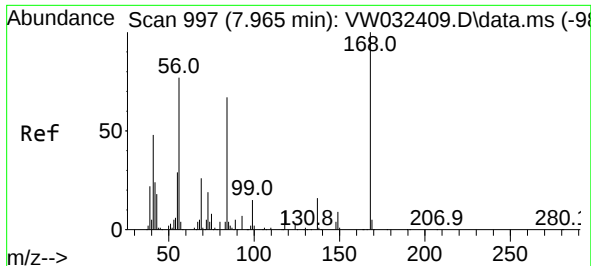
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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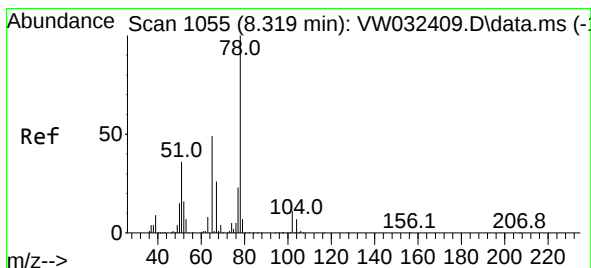
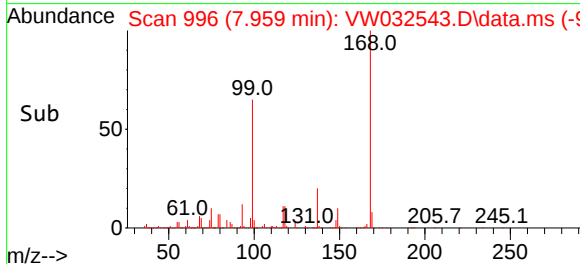
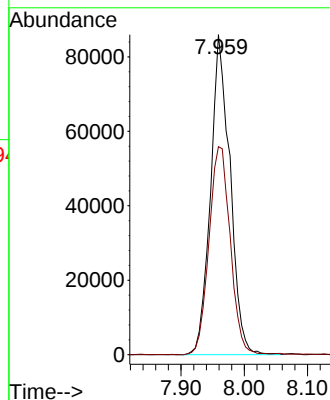
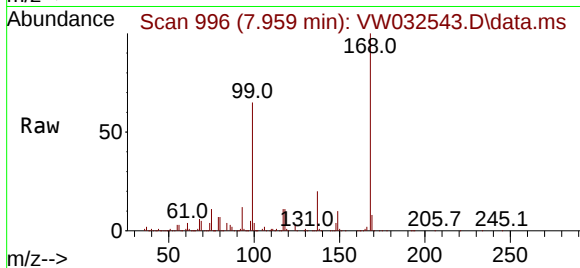




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032543.D
Acq: 26 Nov 2025 14:58

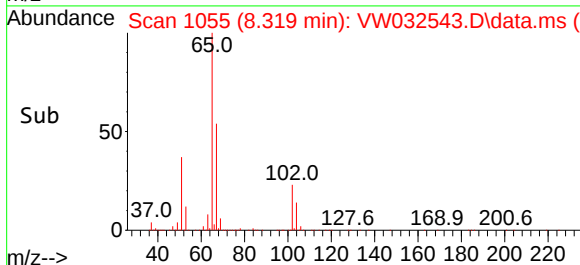
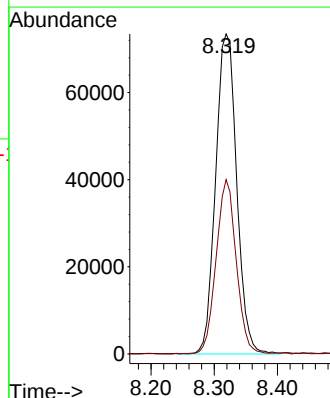
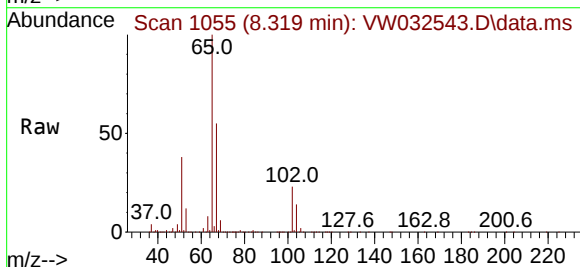
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11B

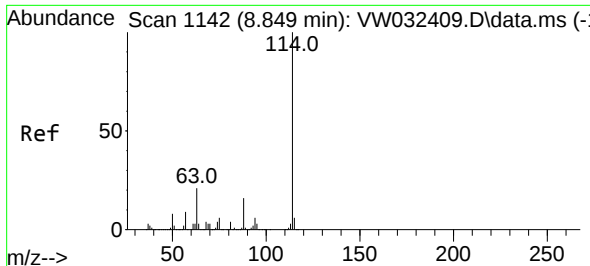
Tgt Ion:168 Resp: 183438
Ion Ratio Lower Upper
168 100
99 64.9 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 71.821 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032543.D
Acq: 26 Nov 2025 14:58

Tgt Ion: 65 Resp: 169854
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.8

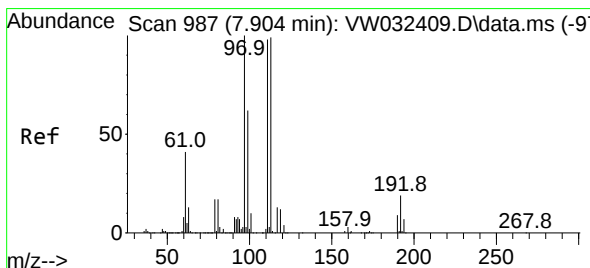
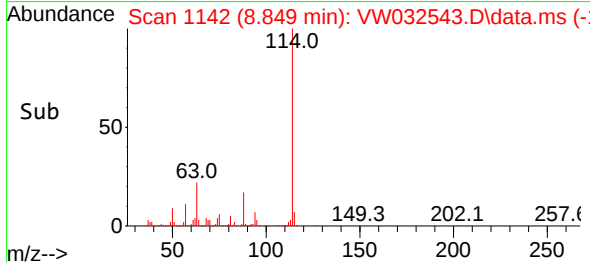
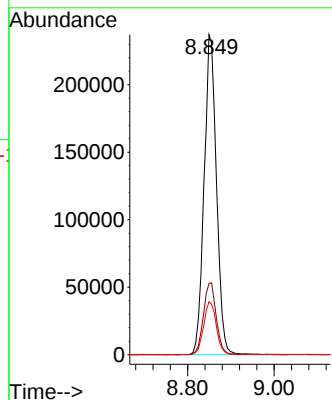
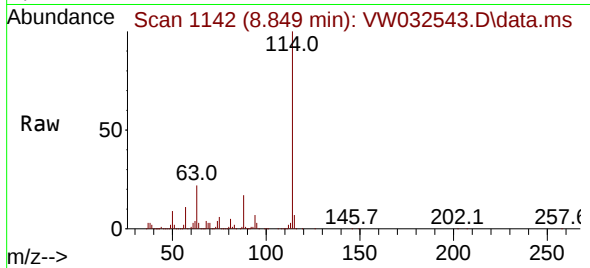




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032543.D
Acq: 26 Nov 2025 14:58

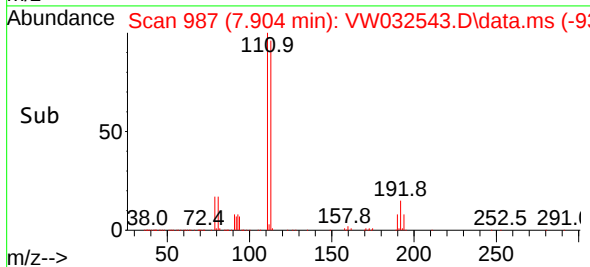
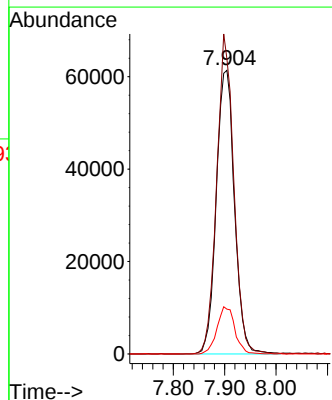
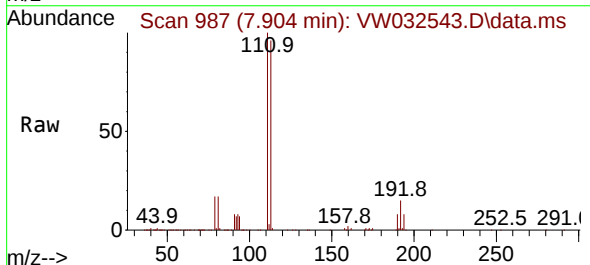
Instrument :
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ClientSampleId :
SB-1125-11B

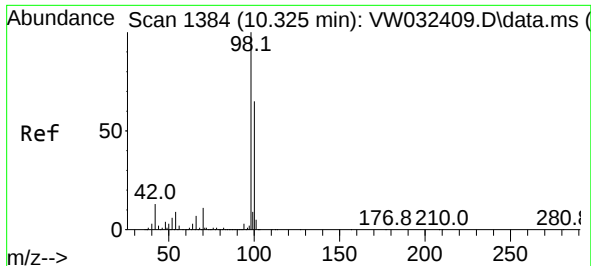
Tgt Ion:	114	Resp:	469951
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	41.8
88	16.5	0.0	32.6



#35
Dibromofluoromethane
Concen: 53.641 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032543.D
Acq: 26 Nov 2025 14:58

Tgt Ion:	113	Resp:	150929
Ion	Ratio	Lower	Upper
113	100		
111	105.9	83.1	124.7
192	16.4	13.4	20.2

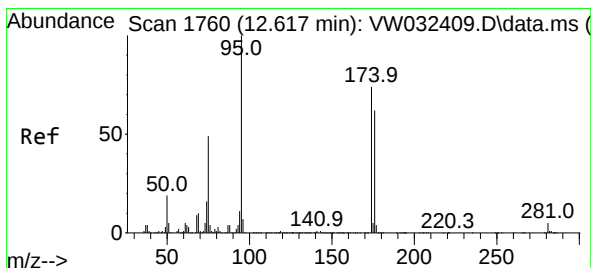
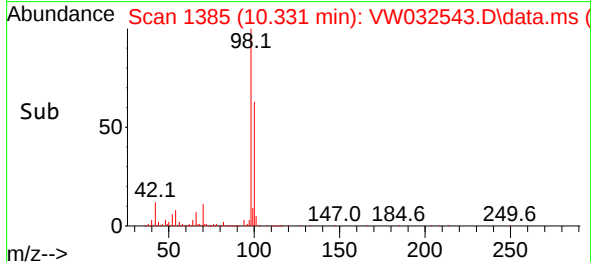
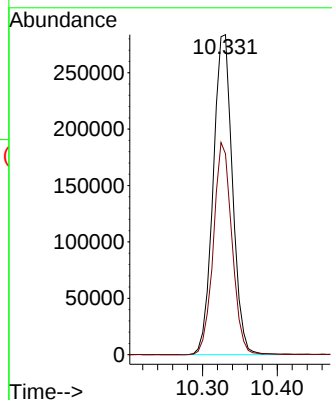
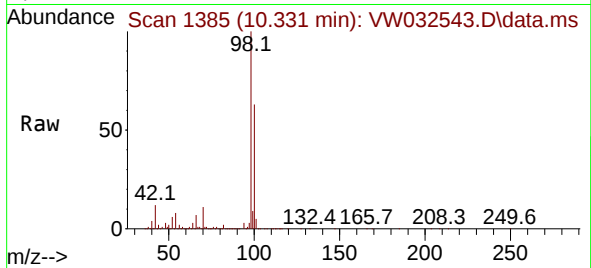




#50
Toluene-d8
Concen: 47.244 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032543.D
Acq: 26 Nov 2025 14:58

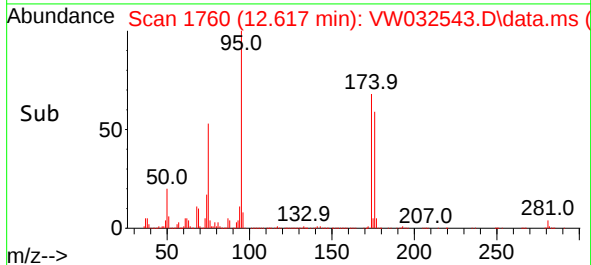
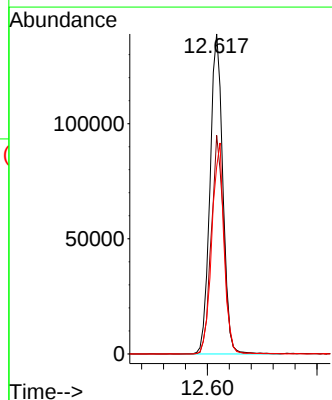
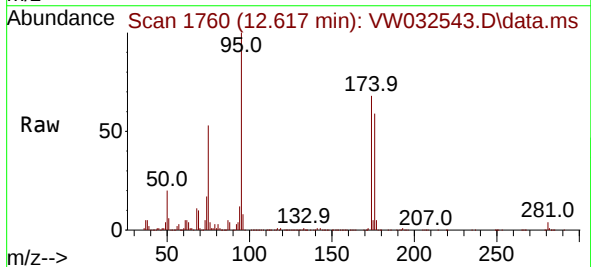
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11B

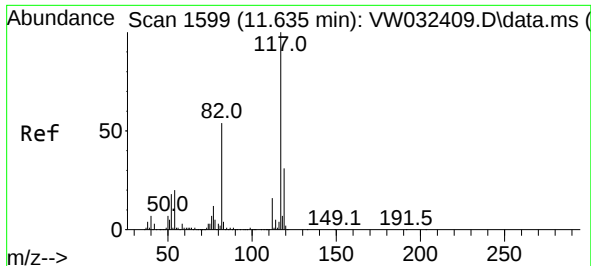
Tgt Ion: 98 Resp: 509971
Ion Ratio Lower Upper
98 100
100 63.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 55.116 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032543.D
Acq: 26 Nov 2025 14:58

Tgt Ion: 95 Resp: 224746
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.4
176 63.0 0.0 131.8

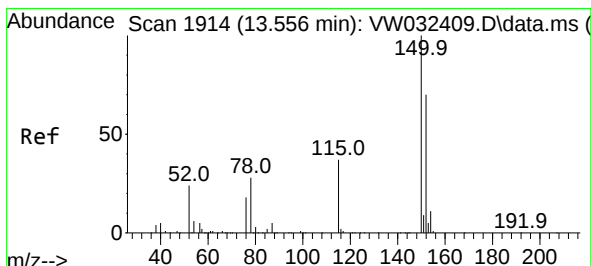
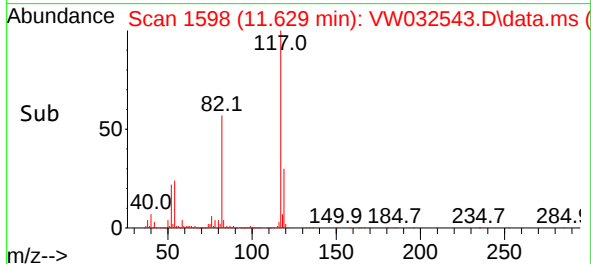
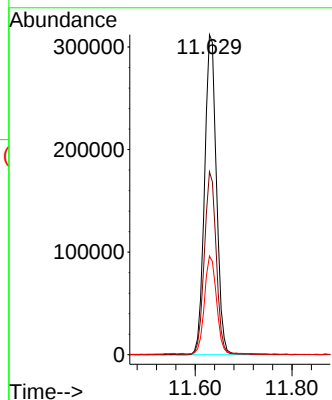
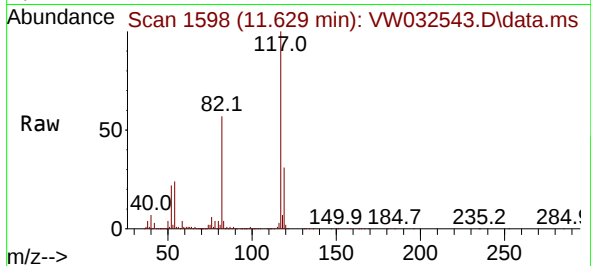




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032543.D
Acq: 26 Nov 2025 14:58

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-11B

Tgt Ion:117 Resp: 532584
Ion Ratio Lower Upper
117 100
82 57.1 43.0 64.4
119 30.6 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: VW032543.D
Acq: 26 Nov 2025 14:58

Tgt Ion:152 Resp: 255138
Ion Ratio Lower Upper
152 100
115 61.1 32.8 98.3
150 150.9 0.0 356.6

