

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120525\
 Data File : VW032579.D
 Acq On : 05 Dec 2025 14:49
 Operator : SY/MD
 Sample : Q3779-03
 Misc : 4.98g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OILY STONE DRUM-VOC

Quant Time: Dec 05 23:02:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	489198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	995895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	766825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	311424	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	398601	54.751	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	109.500%
35) Dibromofluoromethane	7.904	113	322343	49.185	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	98.380%
50) Toluene-d8	10.331	98	1102153	44.693	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	89.380%
62) 4-Bromofluorobenzene	12.617	95	357131	39.197	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	78.400%

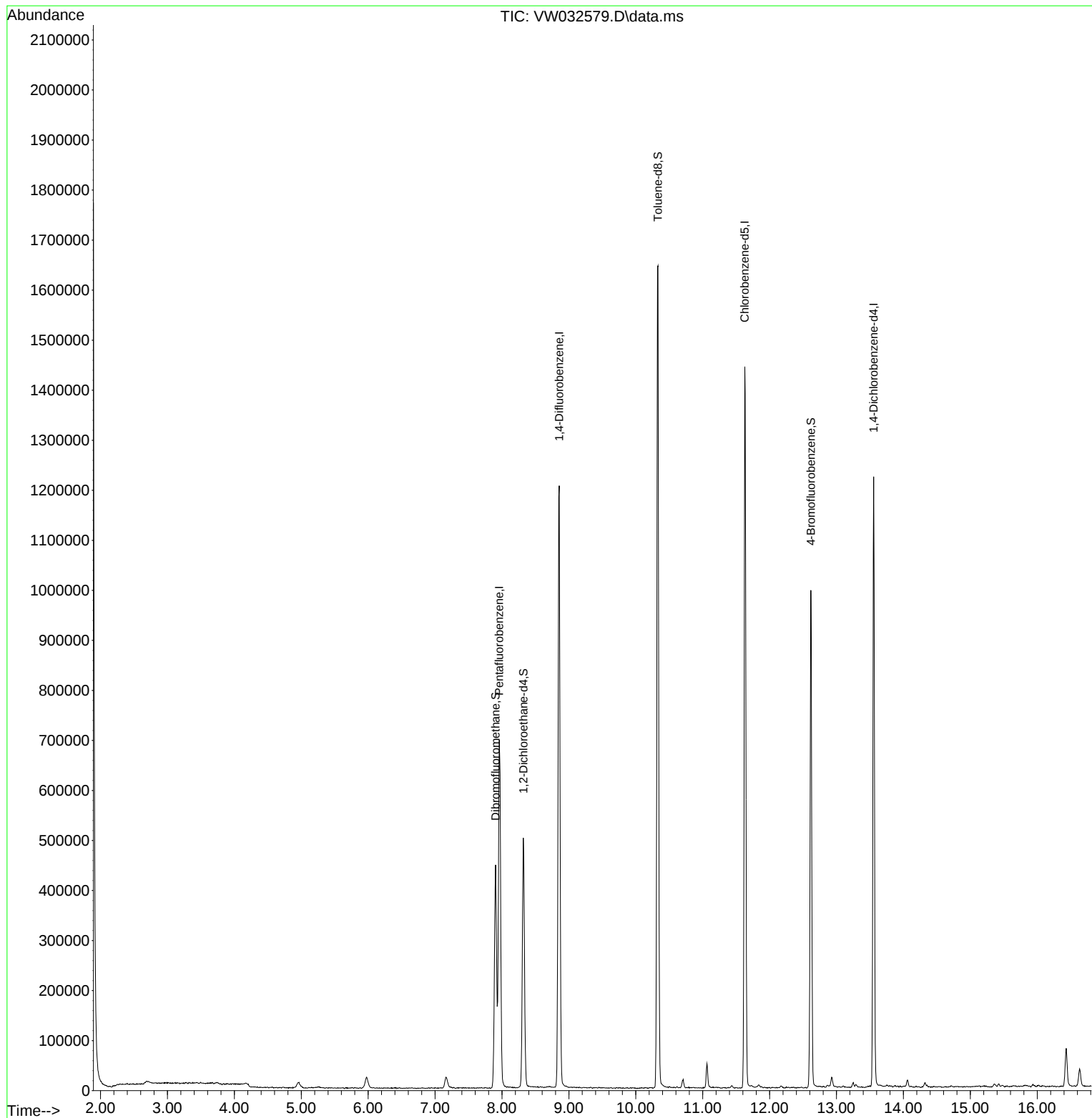
Target Compounds	Qvalue

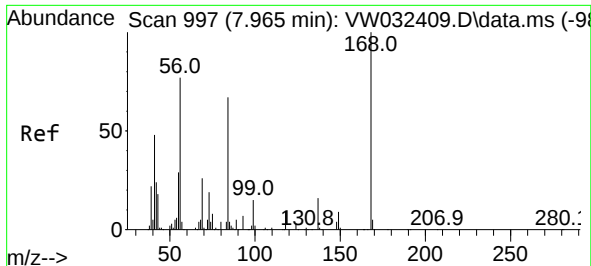
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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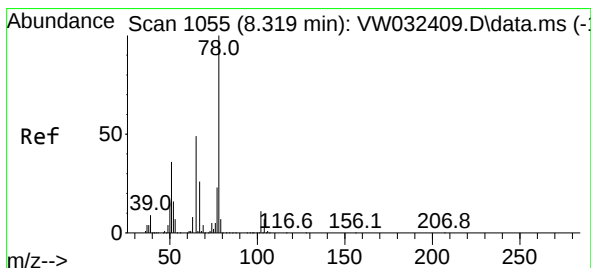
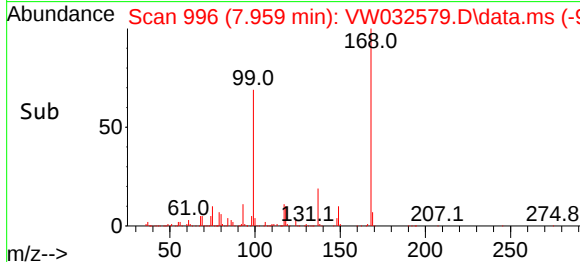
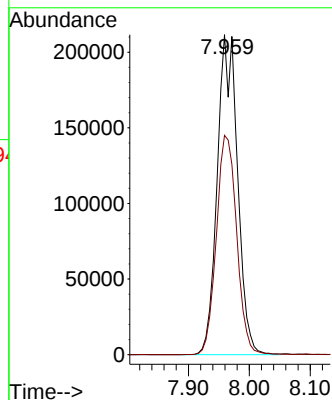
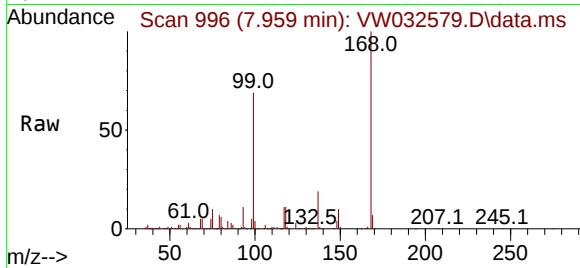




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032579.D
Acq: 05 Dec 2025 14:49

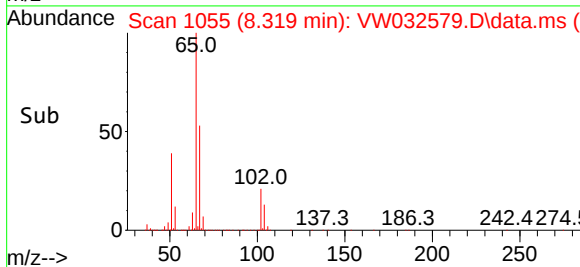
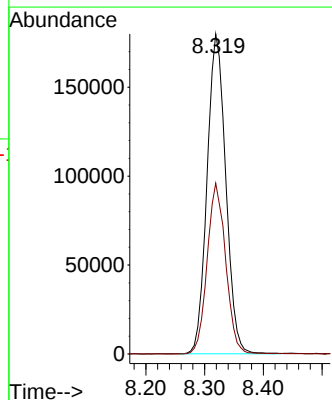
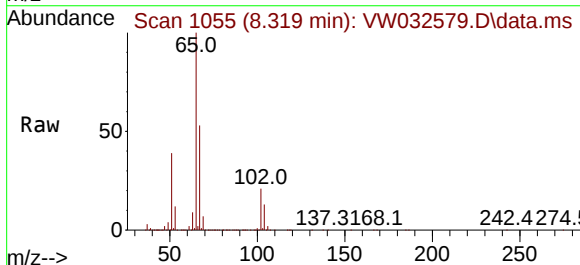
Instrument :
MSVOA_W
ClientSampleId :
OILY STONE DRUM-VOC

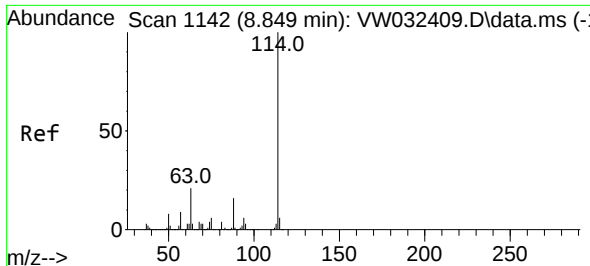
Tgt Ion:168 Resp: 489198
Ion Ratio Lower Upper
168 100
99 68.5 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 54.751 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032579.D
Acq: 05 Dec 2025 14:49

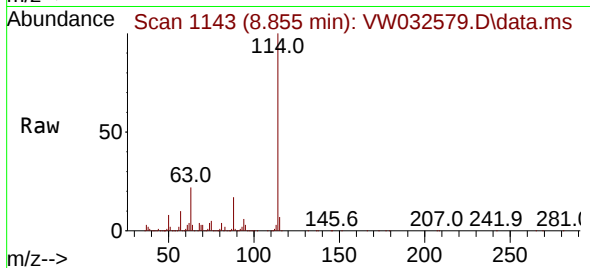
Tgt Ion: 65 Resp: 398601
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.0



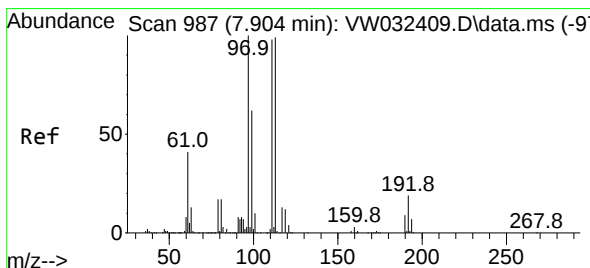
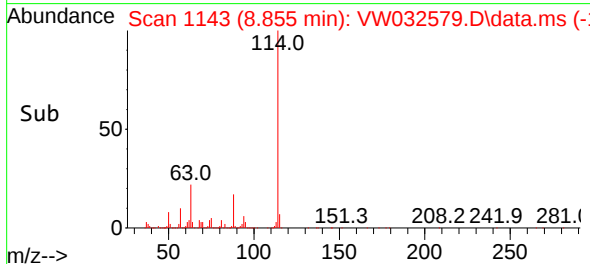
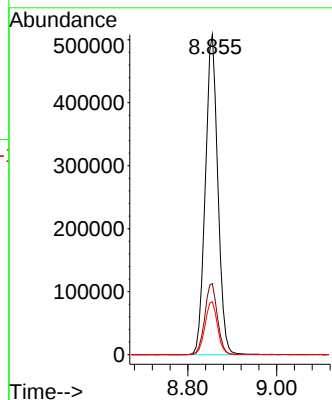


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032579.D
Acq: 05 Dec 2025 14:49

Instrument :
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ClientSampleId :
OILY STONE DRUM-VOC

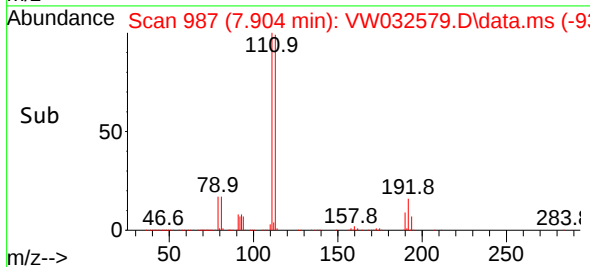
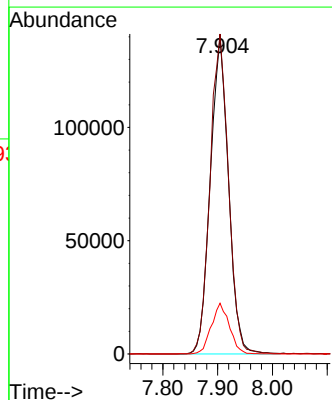
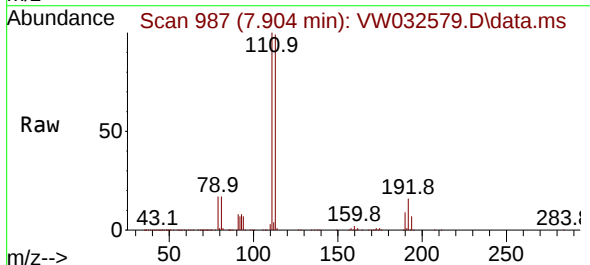


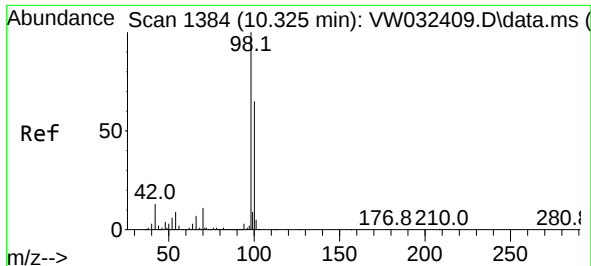
Tgt Ion:114 Resp: 995895
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.6
88 16.6 0.0 31.2



#35
Dibromofluoromethane
Concen: 49.185 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032579.D
Acq: 05 Dec 2025 14:49

Tgt Ion:113 Resp: 322343
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.0
192 15.9 13.4 20.2

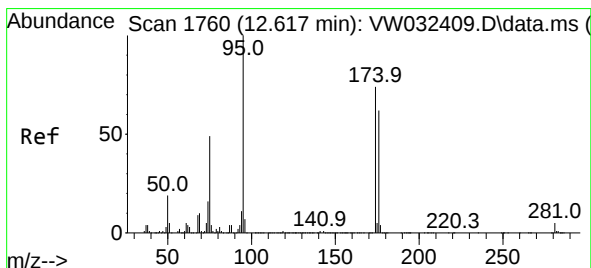
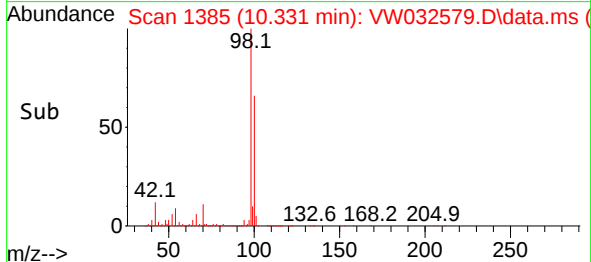
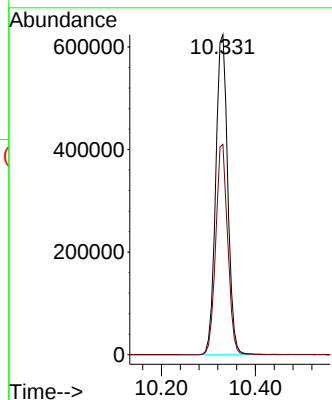
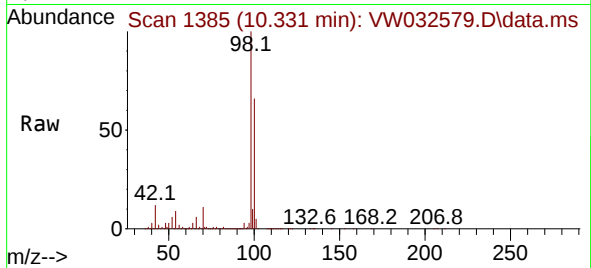




#50
Toluene-d8
Concen: 44.693 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032579.D
Acq: 05 Dec 2025 14:49

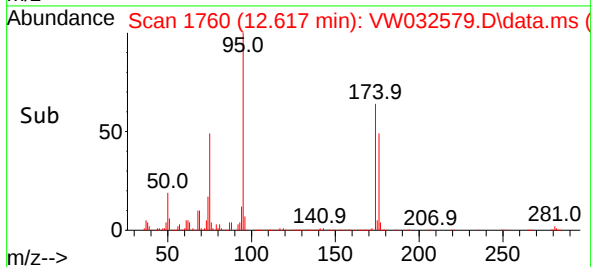
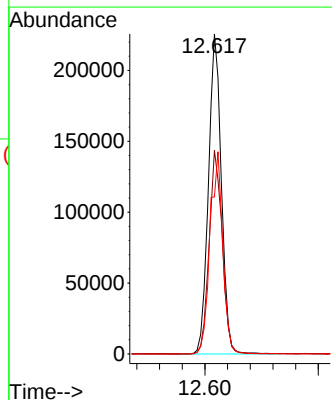
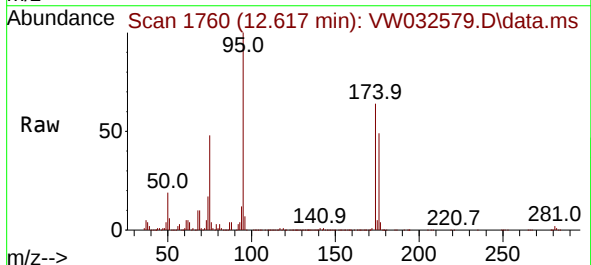
Instrument :
MSVOA_W
ClientSampleId :
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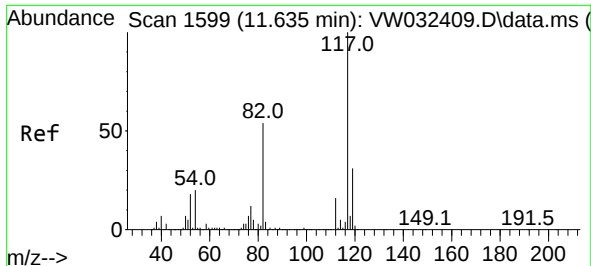
Tgt Ion: 98 Resp: 1102153
Ion Ratio Lower Upper
98 100
100 65.5 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 39.197 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032579.D
Acq: 05 Dec 2025 14:49

Tgt Ion: 95 Resp: 357131
Ion Ratio Lower Upper
95 100
174 64.3 0.0 141.2
176 62.5 0.0 130.8

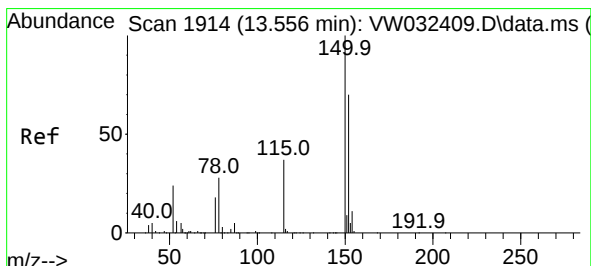
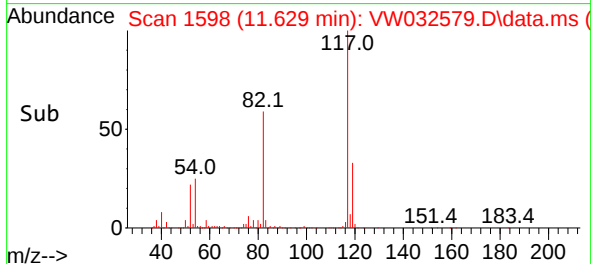
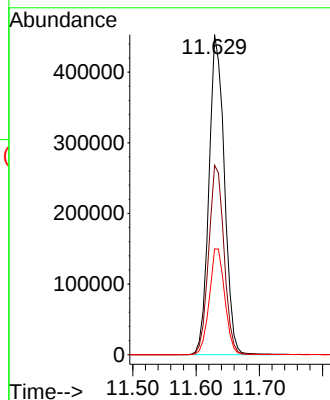
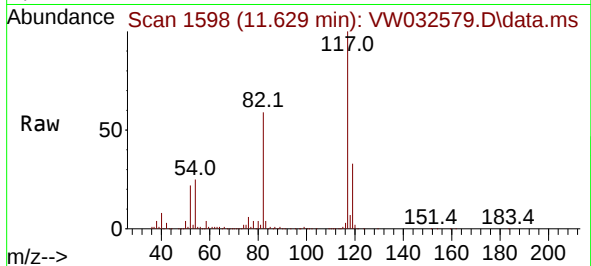




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032579.D
Acq: 05 Dec 2025 14:49

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:117 Resp: 766825
Ion Ratio Lower Upper
117 100
82 59.2 45.9 68.9
119 33.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032579.D
Acq: 05 Dec 2025 14:49

Tgt Ion:152 Resp: 311424
Ion Ratio Lower Upper
152 100
115 62.2 31.1 93.3
150 152.7 0.0 351.2

