

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121225\
 Data File : VW032646.D
 Acq On : 12 Dec 2025 13:24
 Operator : SY/MD
 Sample : Q3853-02
 Misc : 6.13g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP01-MH11-VOC

Quant Time: Dec 13 00:07:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

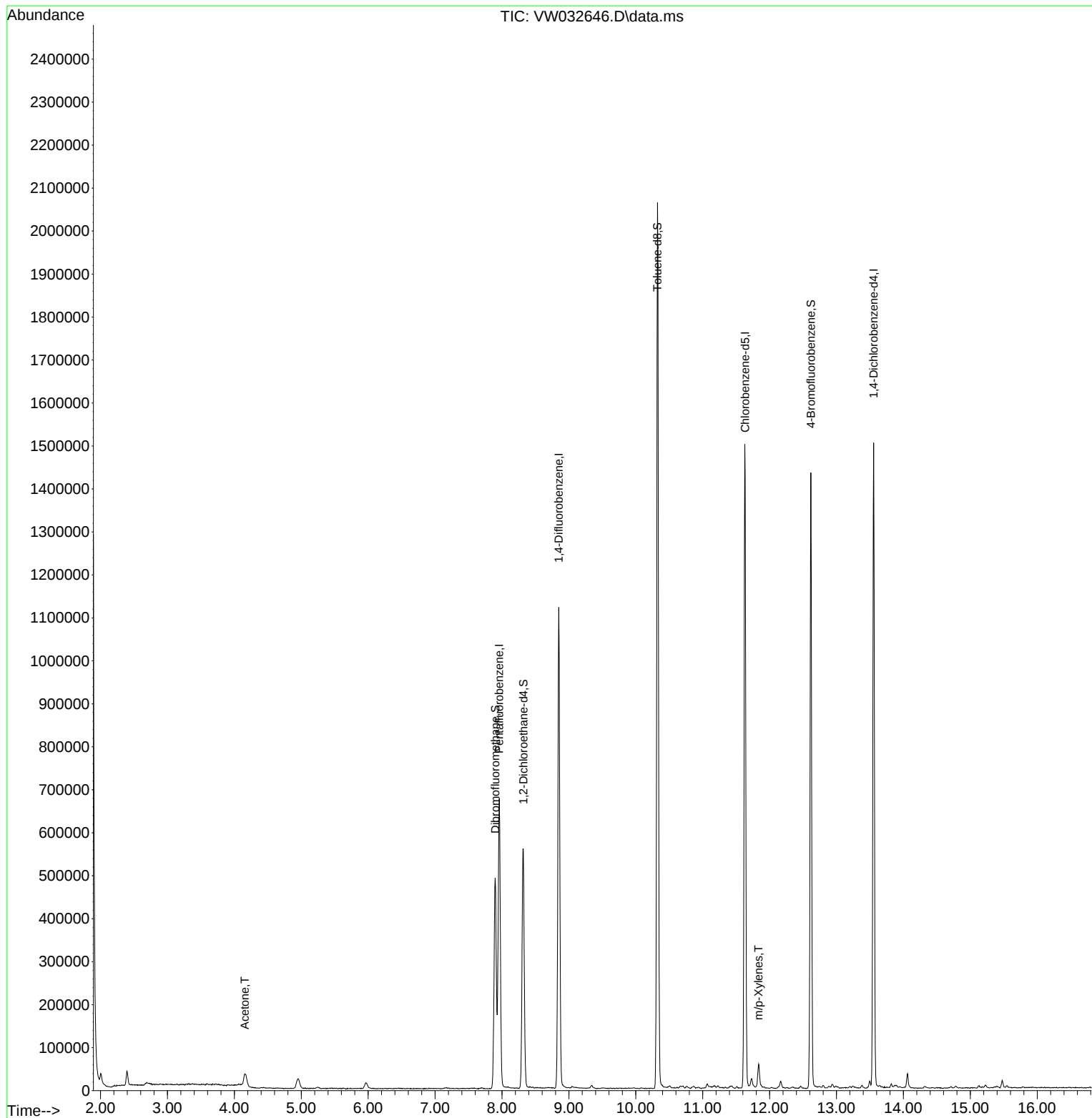
Internal Standards						
1) Pentafluorobenzene	7.959	168	465282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	915887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	788317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	357136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	464617	62.584	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 125.160%		
35) Dibromofluoromethane	7.898	113	366311	55.714	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 111.420%		
50) Toluene-d8	10.324	98	1331318	56.640	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 113.280%		
62) 4-Bromofluorobenzene	12.617	95	495183	57.381	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 114.760%		
Target Compounds						
					Qvalue	
16) Acetone	4.155	43	53352	21.888	ug/l	96
68) m/p-Xylenes	11.836	106	15111	1.266	ug/l	97

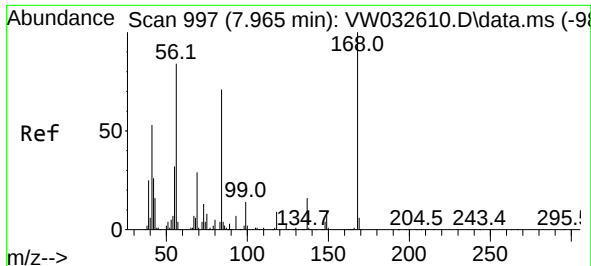
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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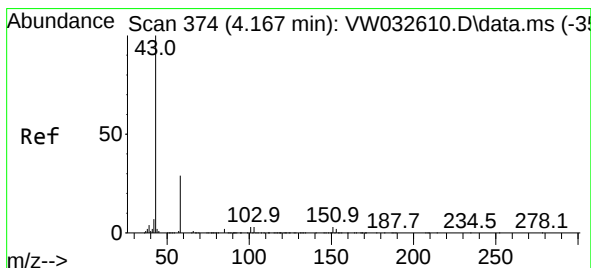
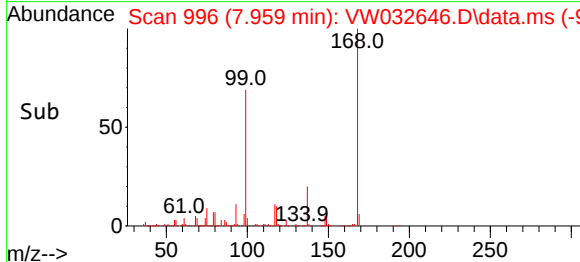
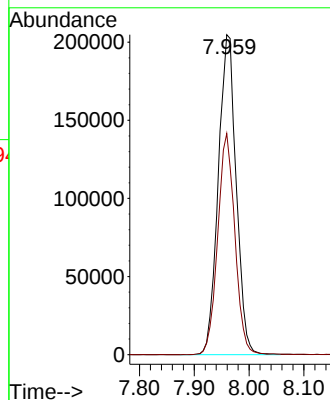
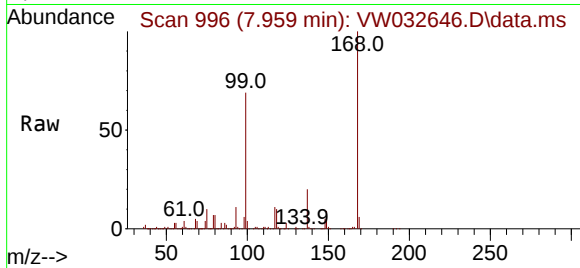




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

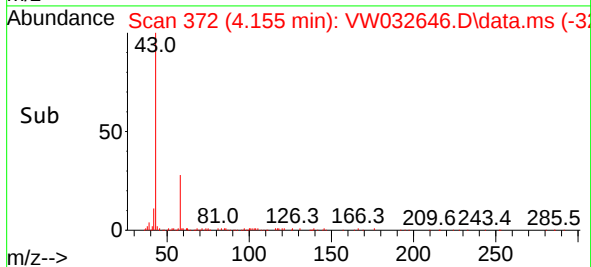
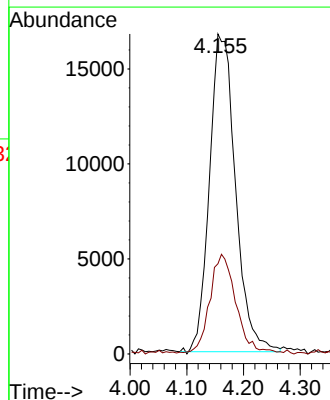
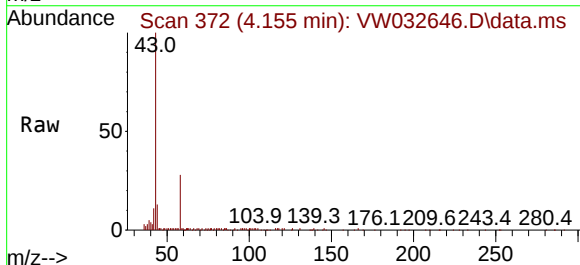
Instrument :
MSVOA_W
ClientSampleId :
TP01-MH11-VOC

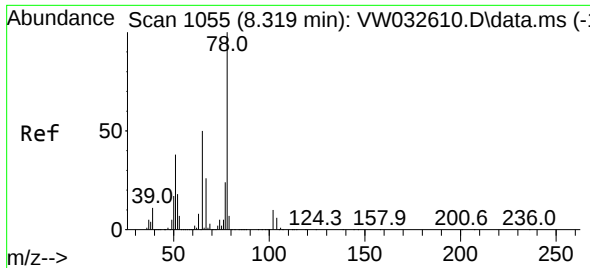
Tgt Ion:168 Resp: 465282
Ion Ratio Lower Upper
168 100
99 69.1 47.8 71.8



#16
Acetone
Concen: 21.888 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

Tgt Ion: 43 Resp: 53352
Ion Ratio Lower Upper
43 100
58 27.8 23.9 35.9

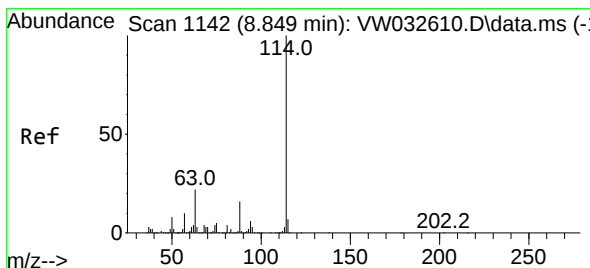
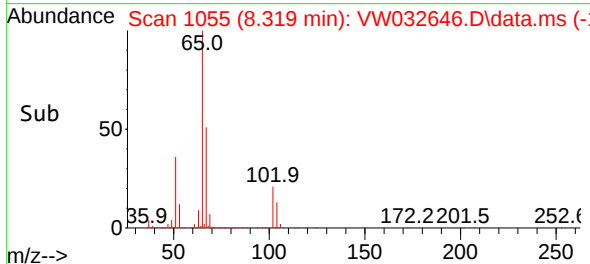
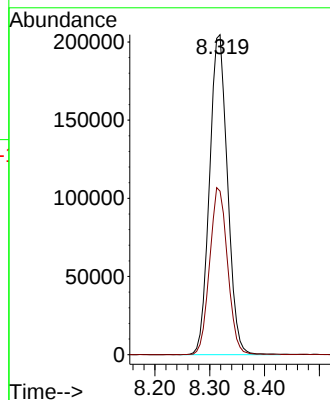
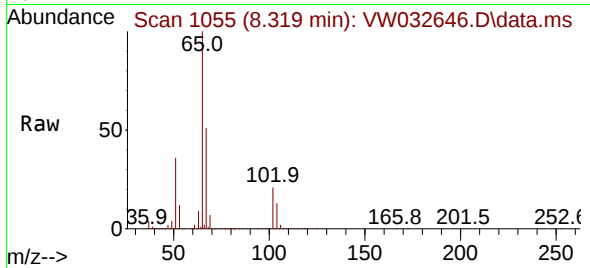




#33
 1,2-Dichloroethane-d4
 Concen: 62.584 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032646.D
 Acq: 12 Dec 2025 13:24

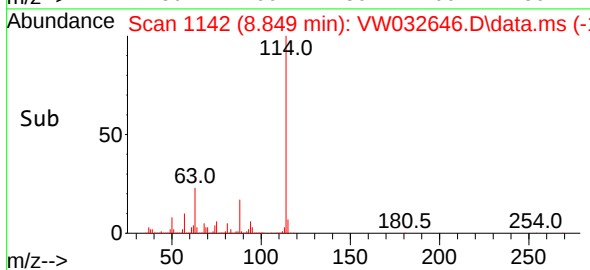
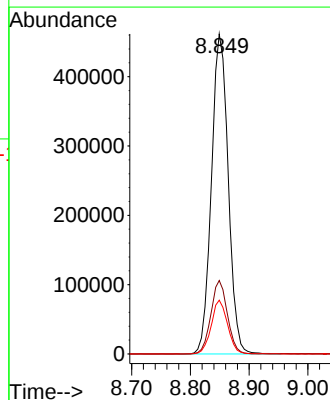
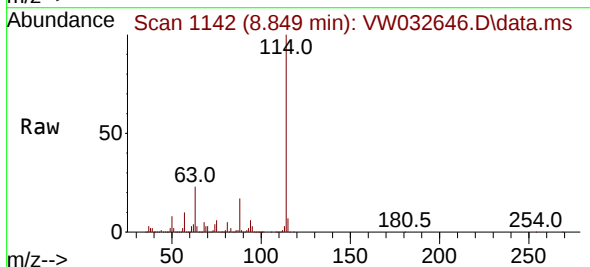
Instrument :
 MSVOA_W
 ClientSampleId :
 TP01-MH11-VOC

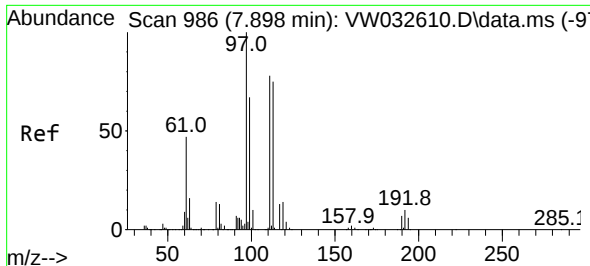
Tgt Ion: 65 Resp: 464617
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032646.D
 Acq: 12 Dec 2025 13:24

Tgt Ion: 114 Resp: 915887
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 44.6
 88 16.8 0.0 31.8

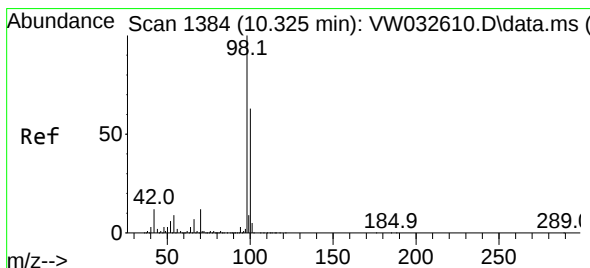
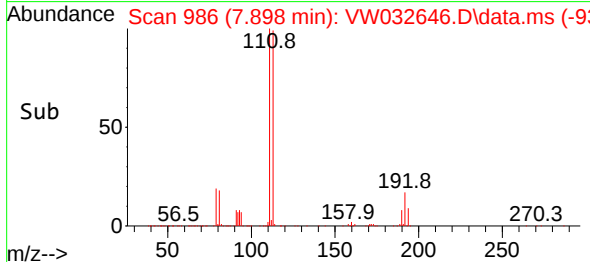
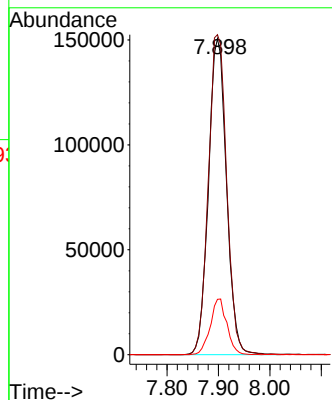
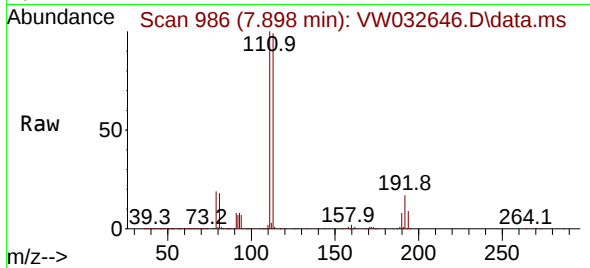




#35
Dibromofluoromethane
Concen: 55.714 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

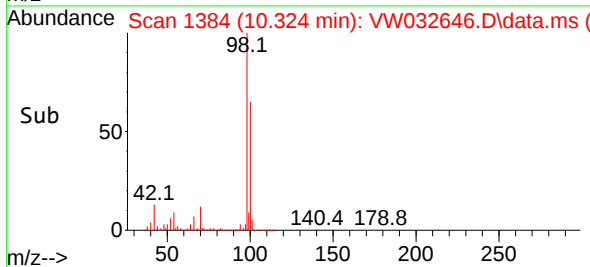
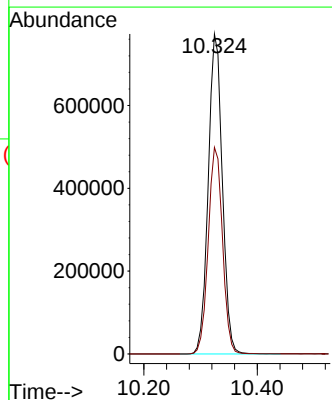
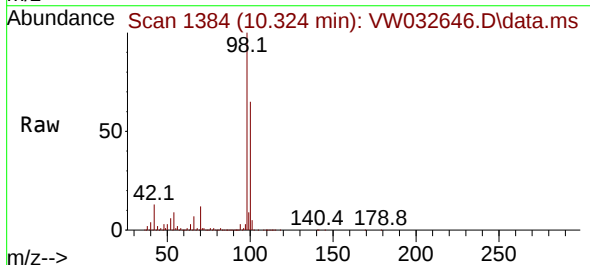
Instrument :
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TP01-MH11-VOC

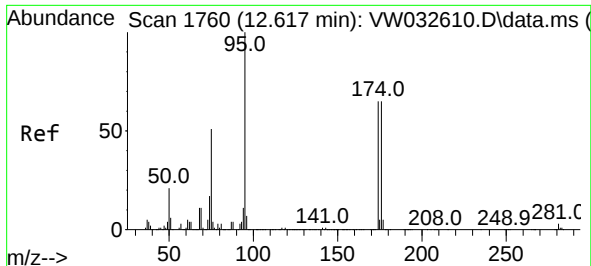
Tgt Ion:113 Resp: 366311
Ion Ratio Lower Upper
113 100
111 103.0 85.2 127.8
192 16.3 13.3 19.9



#50
Toluene-d8
Concen: 56.640 ug/l
RT: 10.324 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

Tgt Ion: 98 Resp: 1331318
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2

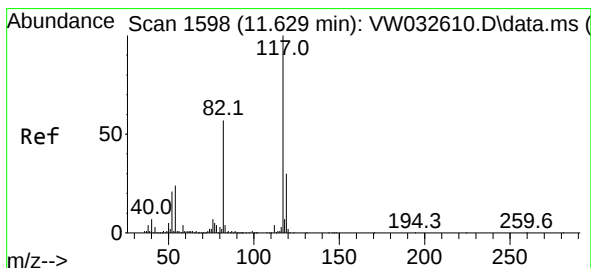
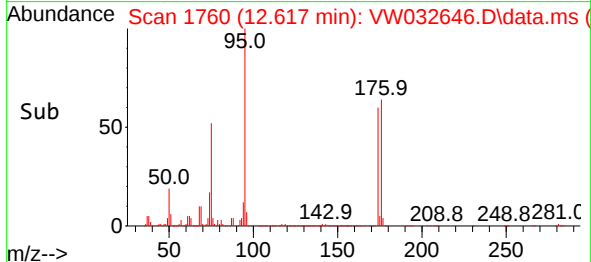
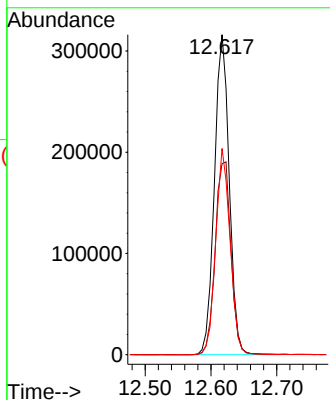
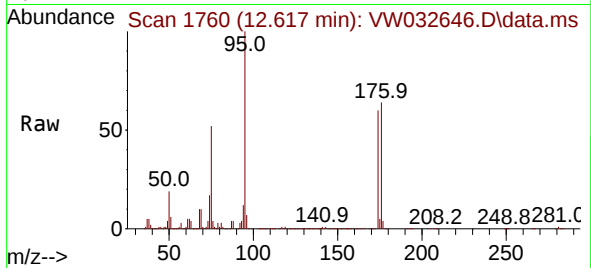




#62
4-Bromofluorobenzene
Concen: 57.381 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

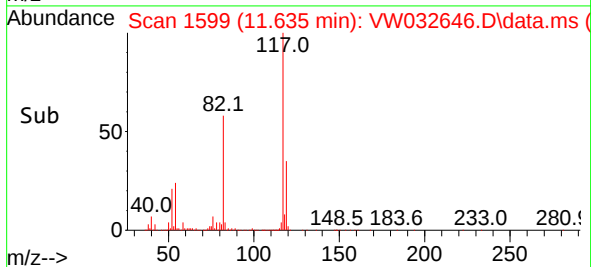
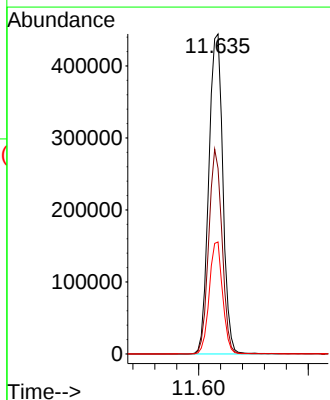
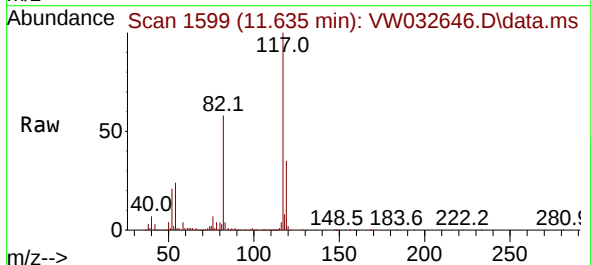
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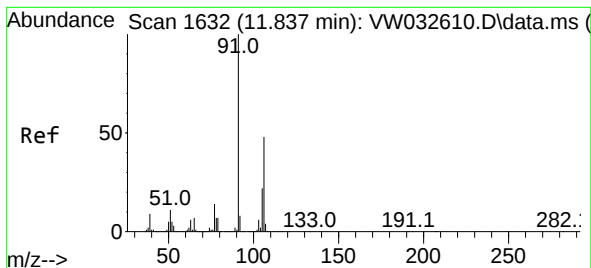
Tgt Ion: 95 Resp: 495183
Ion Ratio Lower Upper
95 100
174 64.3 0.0 135.0
176 62.8 0.0 123.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

Tgt Ion: 117 Resp: 788317
Ion Ratio Lower Upper
117 100
82 58.0 45.5 68.3
119 35.0 23.8 35.8

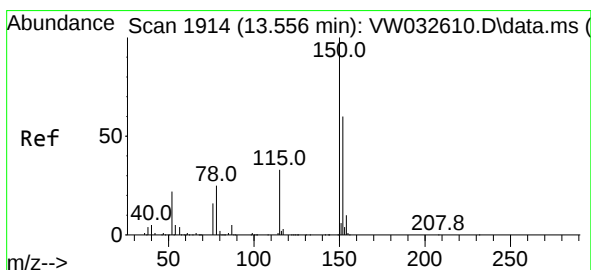
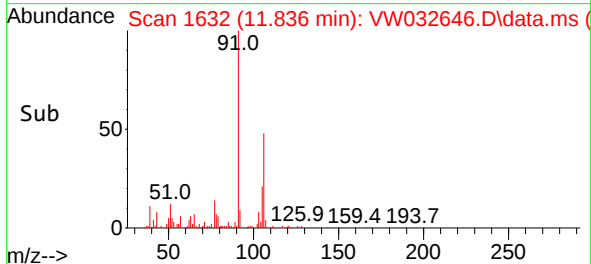
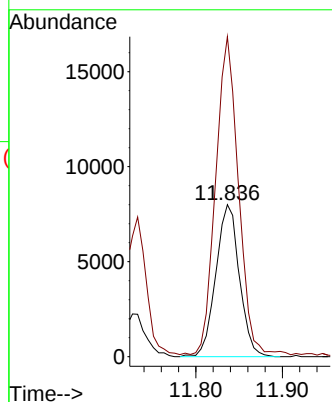
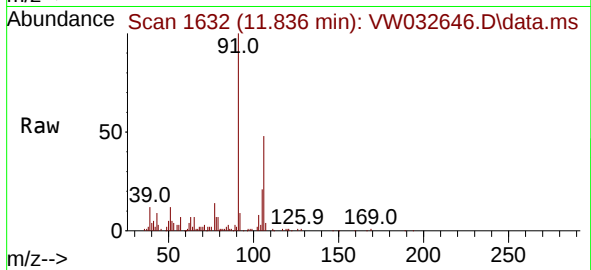




#68
m/p-Xylenes
Concen: 1.266 ug/l
RT: 11.836 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

Instrument :
MSVOA_W
ClientSampleId :
TP01-MH11-VOC

Tgt Ion:106 Resp: 15111
Ion Ratio Lower Upper
106 100
91 201.7 165.6 248.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

Tgt Ion:152 Resp: 357136
Ion Ratio Lower Upper
152 100
115 65.9 33.8 101.3
150 167.5 0.0 369.4

