

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080725\
 Data File : VW032046.D
 Acq On : 07 Aug 2025 15:31
 Operator : SY/MD
 Sample : Q2798-03
 Misc : 5.53g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6-VOC

Quant Time: Aug 08 04:10:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

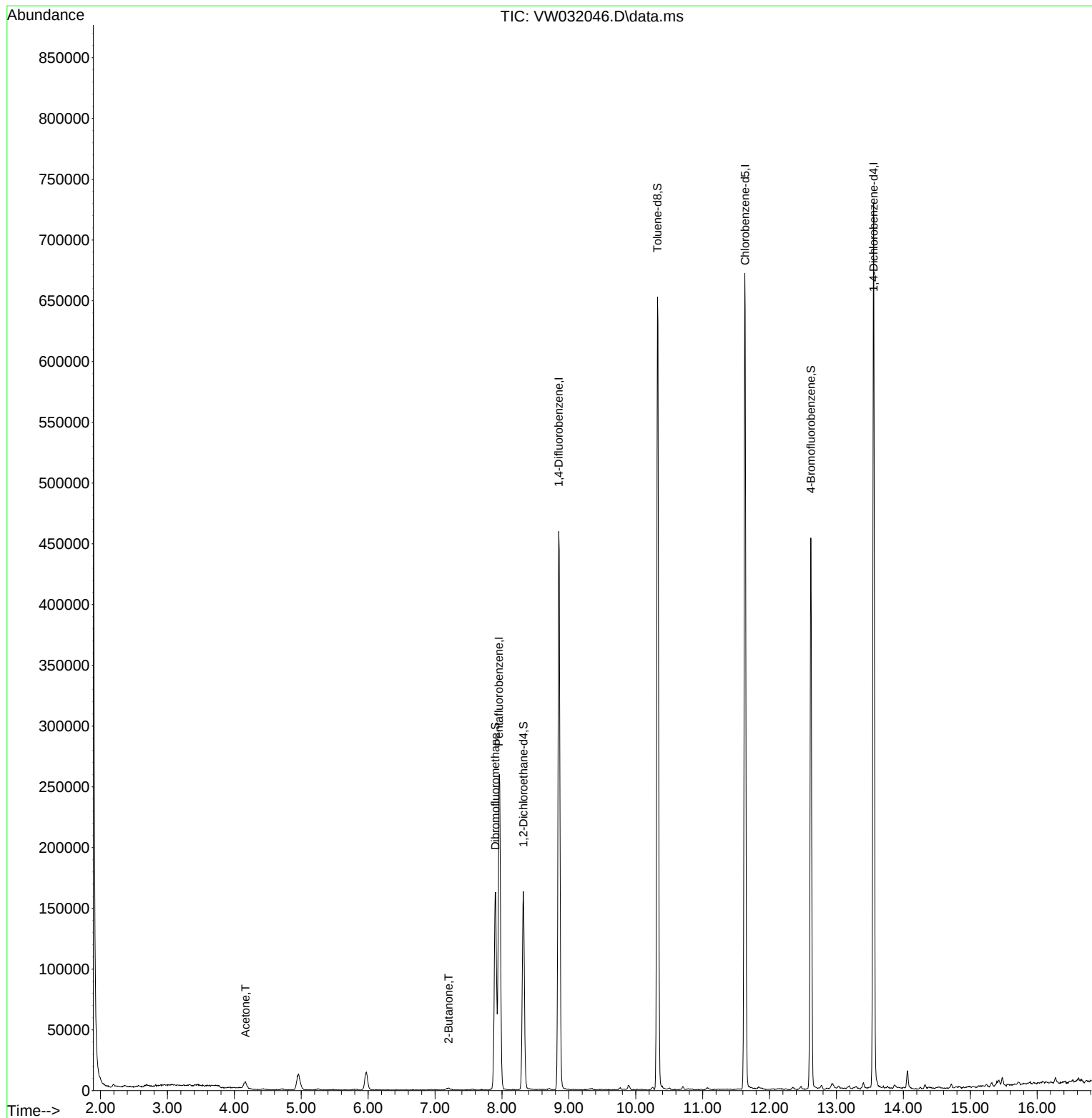
Internal Standards						
1) Pentafluorobenzene	7.953	168	182218	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	393079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	374107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	178043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	134834	48.915	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	97.840%
35) Dibromofluoromethane	7.898	113	121771	45.590	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	91.180%
50) Toluene-d8	10.325	98	442397	43.763	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	87.520%
62) 4-Bromofluorobenzene	12.617	95	157540	40.586	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	81.180%
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	8550	13.071	ug/l	97
25) 2-Butanone	7.203	43	2395	2.676	ug/l	96

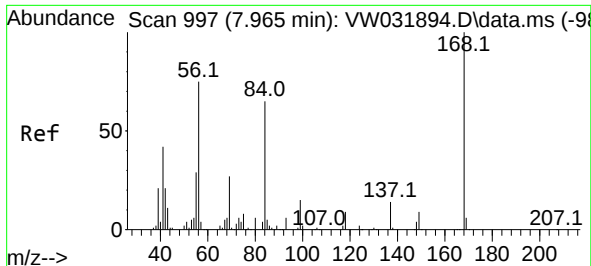
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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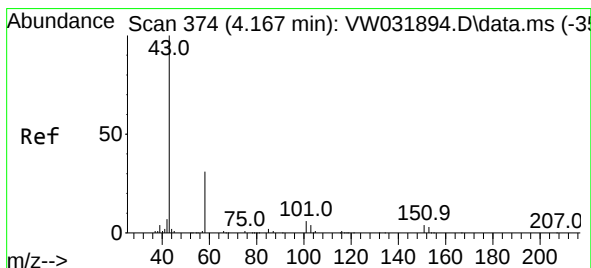
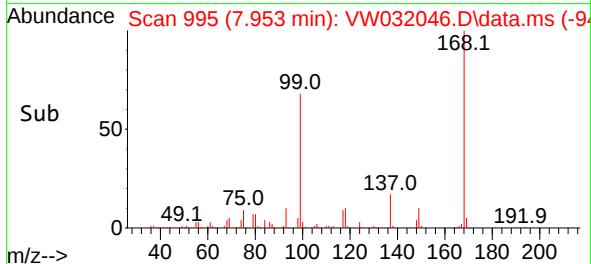
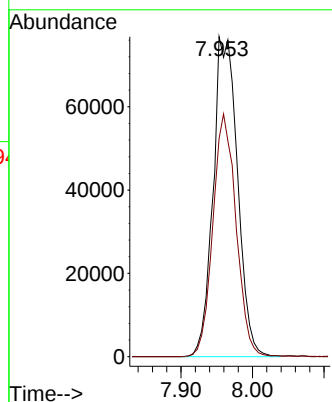
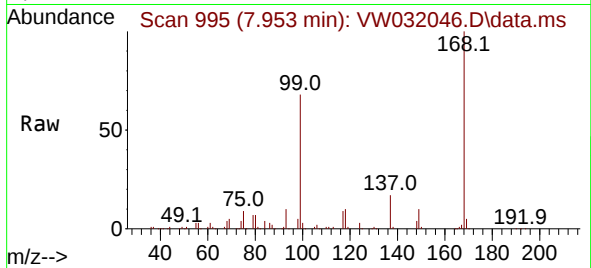




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.012 min
Lab File: VW032046.D
Acq: 07 Aug 2025 15:31

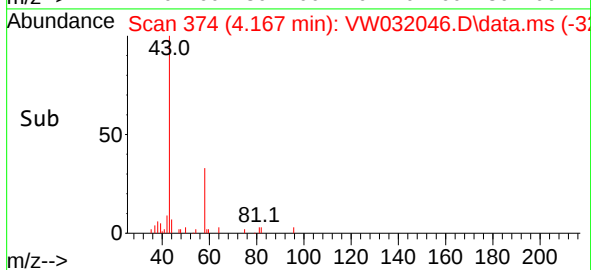
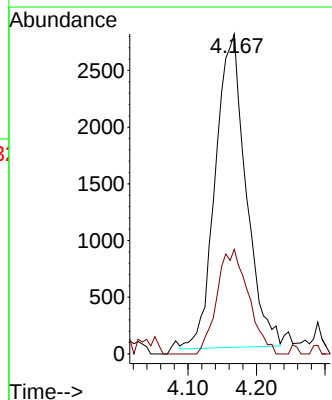
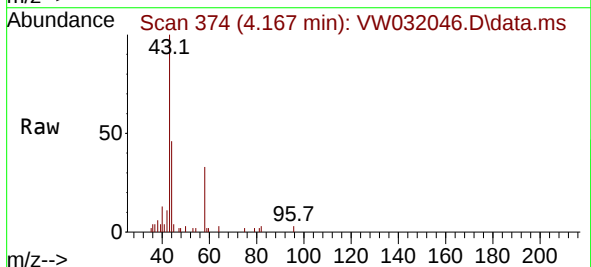
Instrument :
MSVOA_W
ClientSampleId :
TP-6-VOC

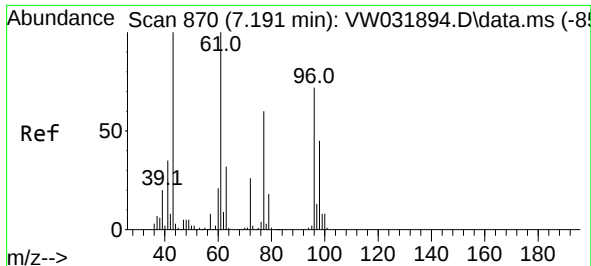
Tgt Ion:168 Resp: 182218
Ion Ratio Lower Upper
168 100
99 68.2 48.2 72.2



#16
Acetone
Concen: 13.071 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW032046.D
Acq: 07 Aug 2025 15:31

Tgt Ion: 43 Resp: 8550
Ion Ratio Lower Upper
43 100
58 33.5 25.5 38.3

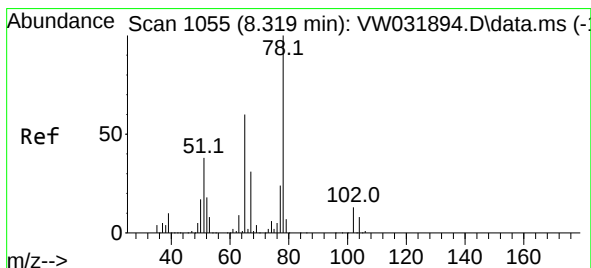
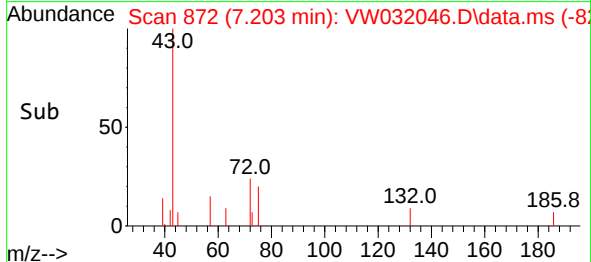
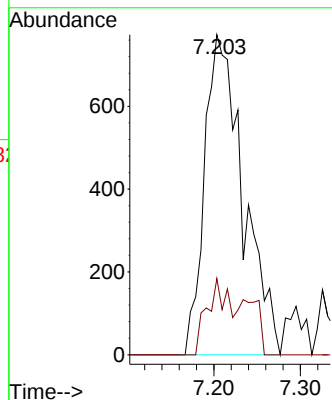
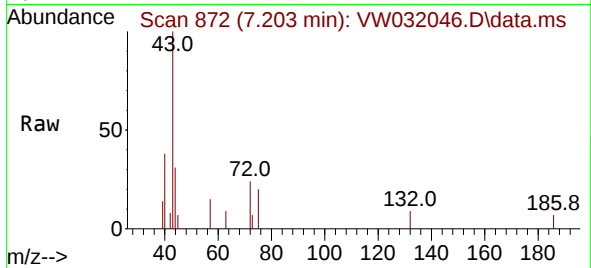




#25
2-Butanone
Concen: 2.676 ug/l
RT: 7.203 min Scan# 81
Delta R.T. 0.012 min
Lab File: VW032046.D
Acq: 07 Aug 2025 15:31

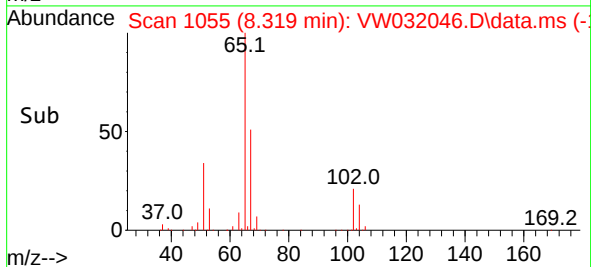
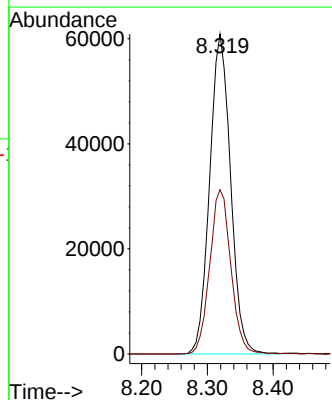
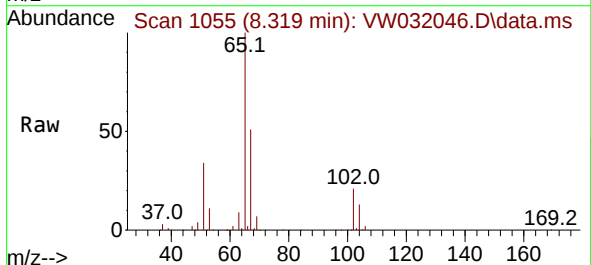
Instrument :
MSVOA_W
ClientSampleId :
TP-6-VOC

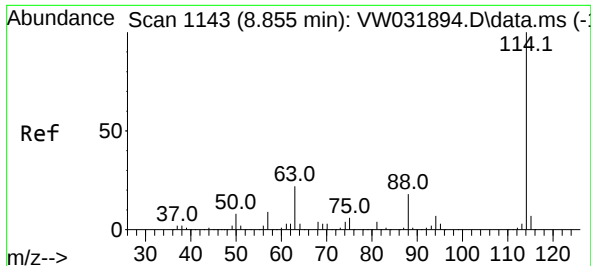
Tgt Ion: 43 Resp: 2395
Ion Ratio Lower Upper
43 100
72 23.8 20.8 31.2



#33
1,2-Dichloroethane-d4
Concen: 48.915 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032046.D
Acq: 07 Aug 2025 15:31

Tgt Ion: 65 Resp: 134834
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VW032046.D

Acq: 07 Aug 2025 15:31

Instrument :

MSVOA_W

ClientSampleId :

TP-6-VOC

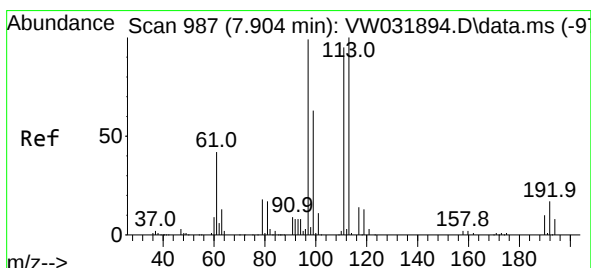
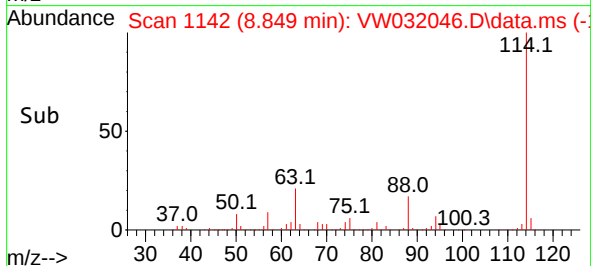
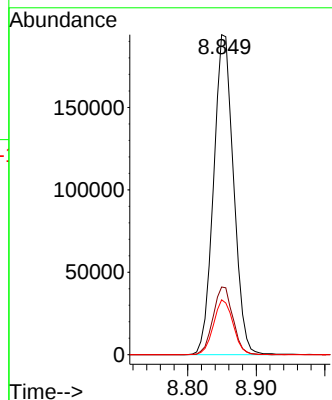
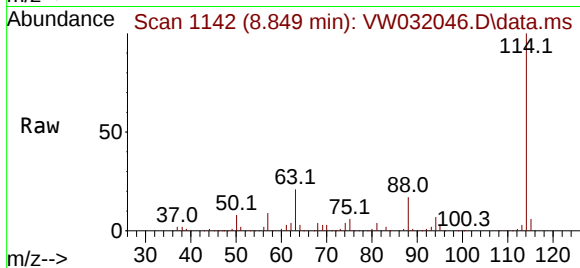
Tgt Ion:114 Resp: 393079

Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.2

88 17.1 0.0 35.6



#35

Dibromofluoromethane

Concen: 45.590 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032046.D

Acq: 07 Aug 2025 15:31

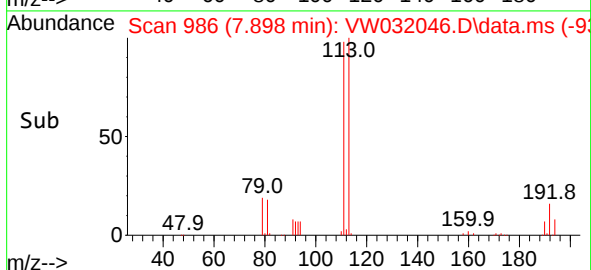
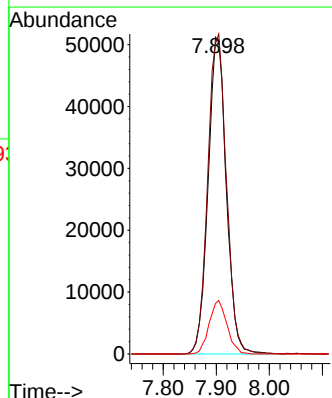
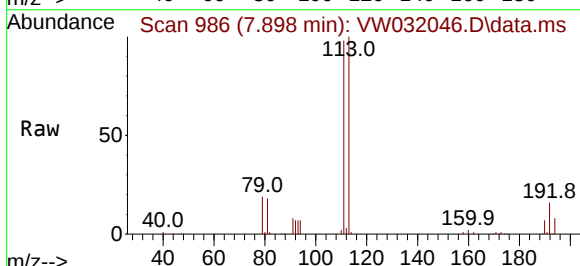
Tgt Ion:113 Resp: 121771

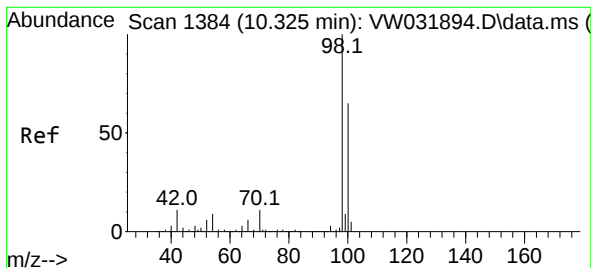
Ion Ratio Lower Upper

113 100

111 103.9 79.9 119.9

192 16.6 12.6 19.0

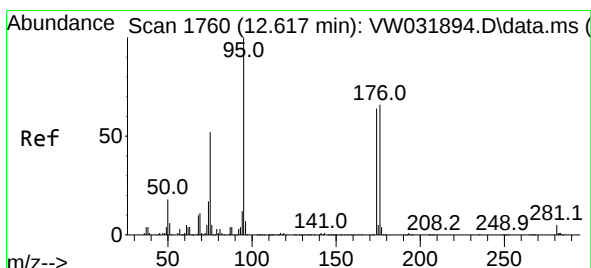
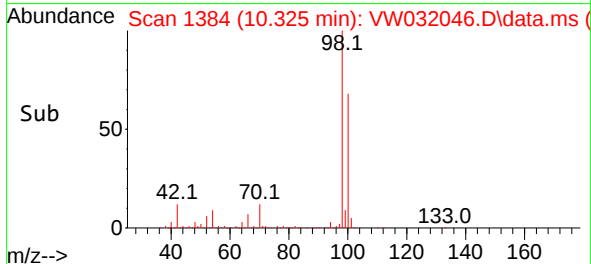
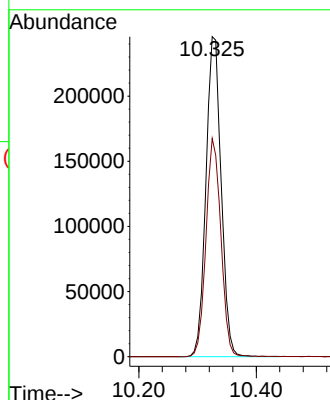
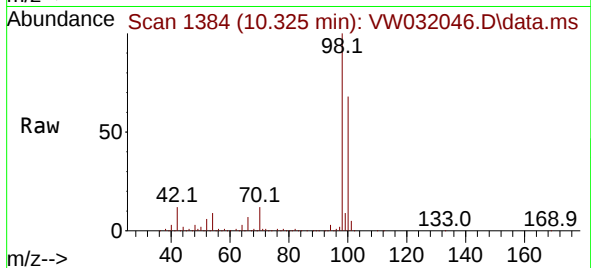




#50
Toluene-d8
Concen: 43.763 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032046.D
Acq: 07 Aug 2025 15:31

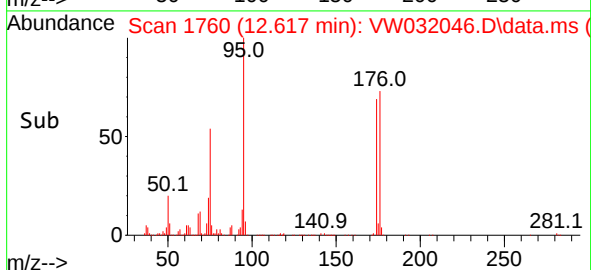
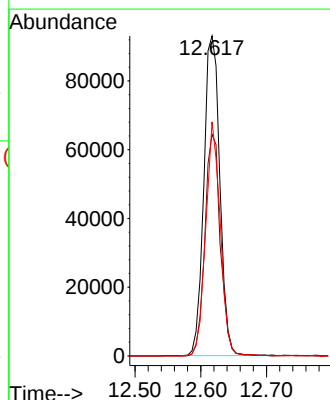
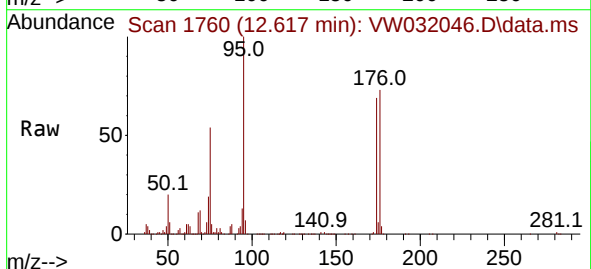
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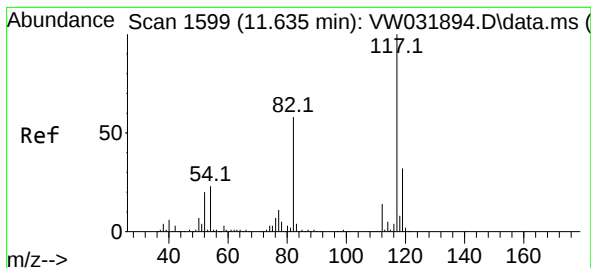
Tgt Ion: 98 Resp: 442397
Ion Ratio Lower Upper
98 100
100 66.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 40.586 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032046.D
Acq: 07 Aug 2025 15:31

Tgt Ion: 95 Resp: 157540
Ion Ratio Lower Upper
95 100
174 67.3 0.0 129.8
176 66.7 0.0 130.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.636 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032046.D

Acq: 07 Aug 2025 15:31

Instrument :

MSVOA_W

ClientSampleId :

TP-6-VOC

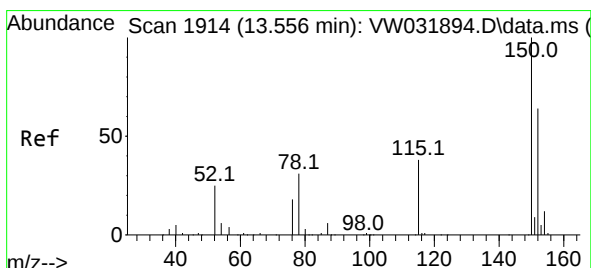
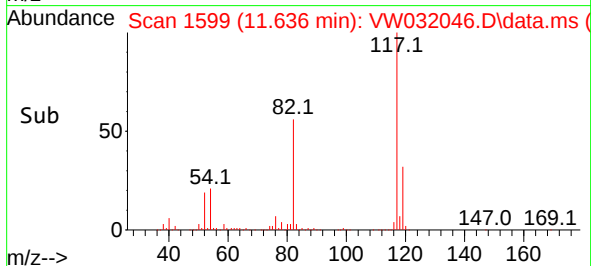
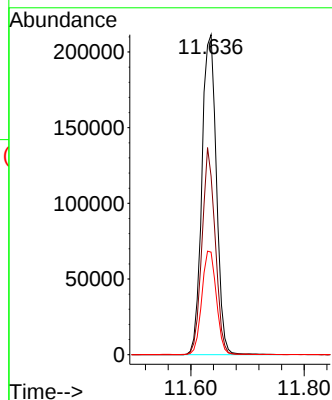
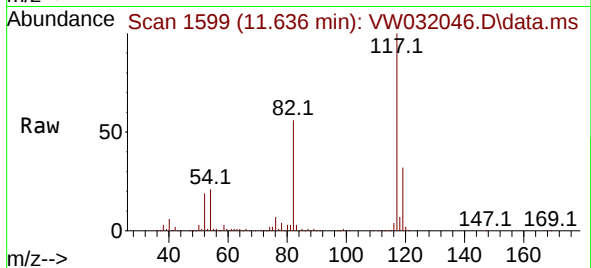
Tgt Ion:117 Resp: 374107

Ion Ratio Lower Upper

117 100

82 55.8 46.5 69.7

119 32.0 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032046.D

Acq: 07 Aug 2025 15:31

Tgt Ion:152 Resp: 178043

Ion Ratio Lower Upper

152 100

115 65.1 33.4 100.1

150 161.3 0.0 352.2

