

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032010.D
 Acq On : 05 Aug 2025 12:58
 Operator : SY/MD
 Sample : Q2763-03
 Misc : 3.79g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2 VOC

Quant Time: Aug 06 03:54:13 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)

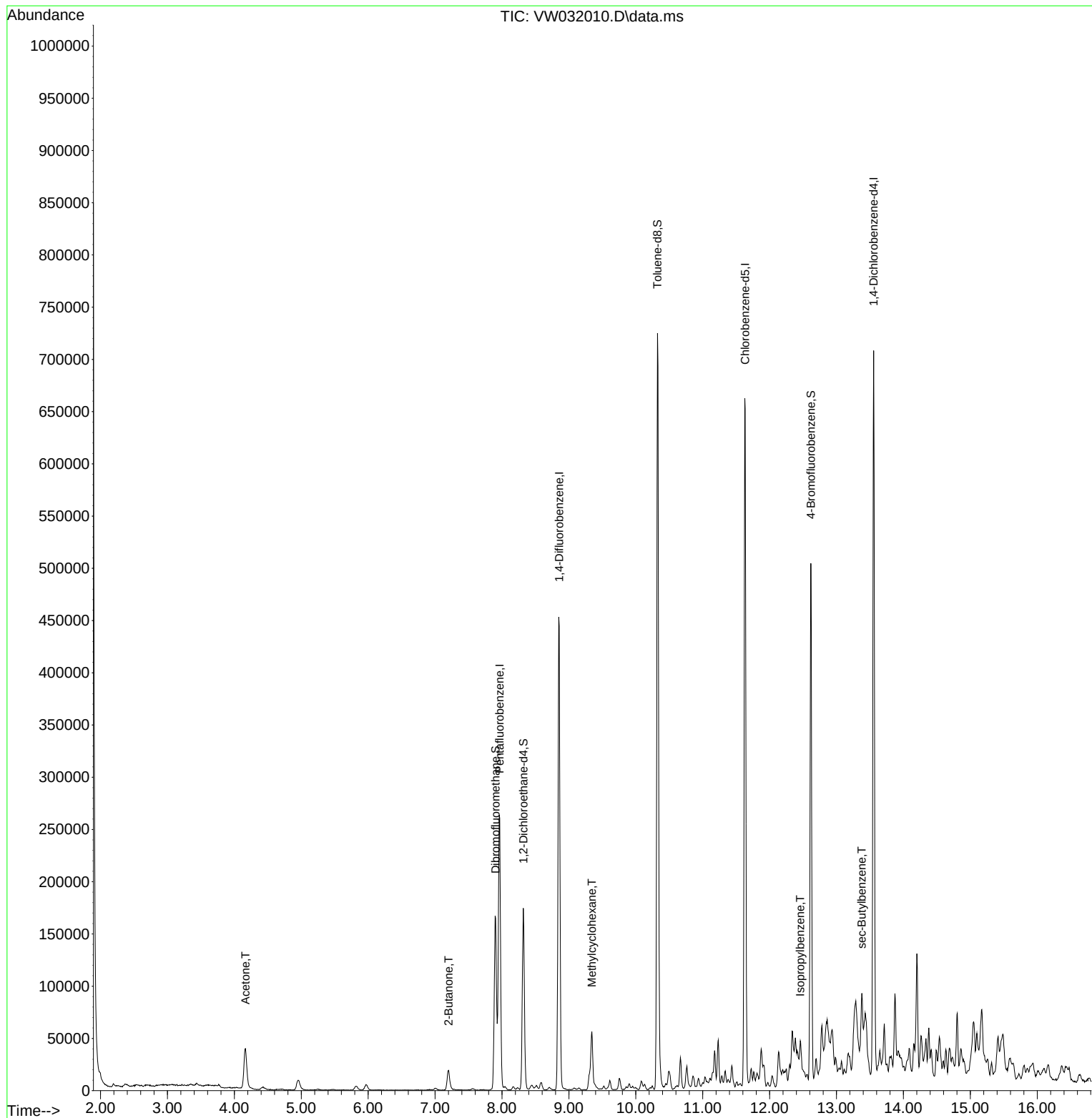
Internal Standards						
1) Pentafluorobenzene	7.965	168	183819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	376007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	361766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	140033	50.359	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 100.720%		
35) Dibromofluoromethane	7.904	113	121979	47.741	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 95.480%		
50) Toluene-d8	10.324	98	467436	48.339	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 96.680%		
62) 4-Bromofluorobenzene	12.617	95	177474	47.797	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 95.600%		
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	74835	113.412	ug/l	97
25) 2-Butanone	7.203	43	32446	35.938	ug/l	100
39) Methylcyclohexane	9.343	83	22725	4.602	ug/l	94
73) Isopropylbenzene	12.458	105	17633	1.161	ug/l	98
85) sec-Butylbenzene	13.379	105	35183	2.160	ug/l	82

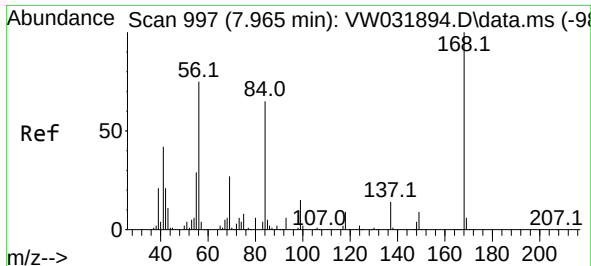
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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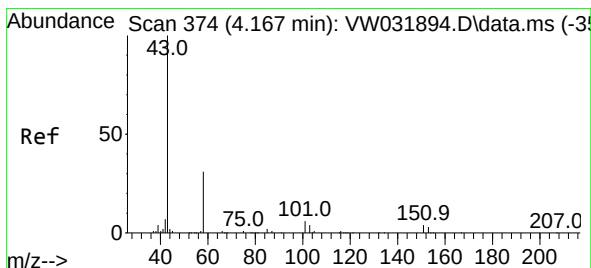
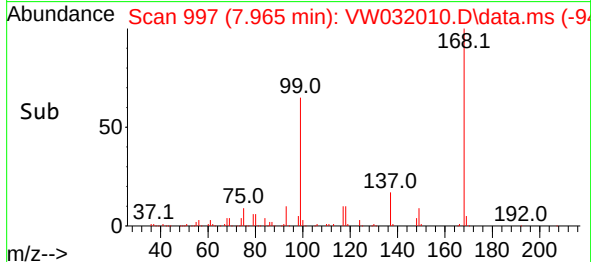
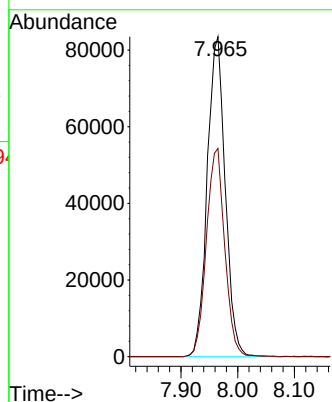
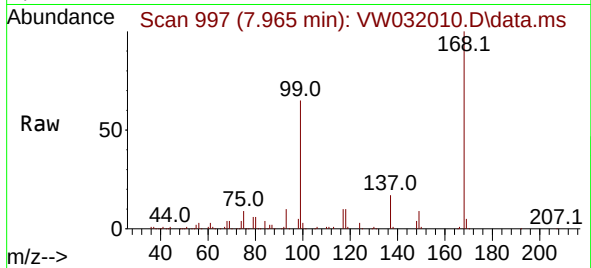




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032010.D
Acq: 05 Aug 2025 12:58

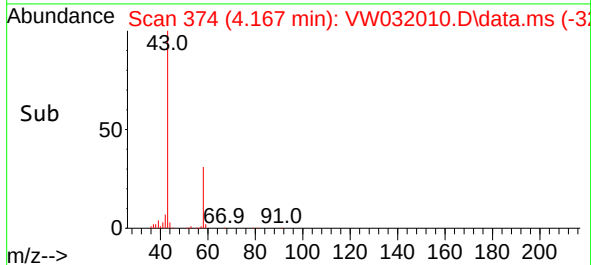
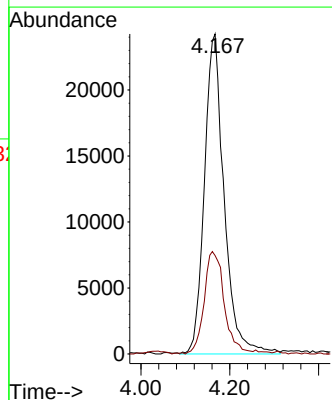
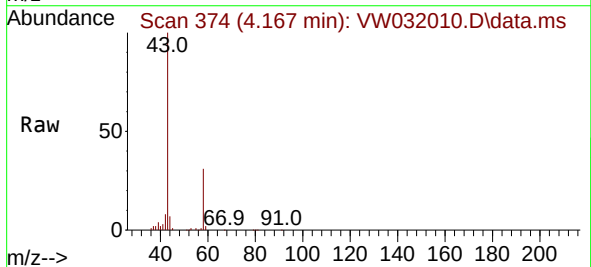
Instrument :
MSVOA_W
ClientSampleId :
TP-2 VOC

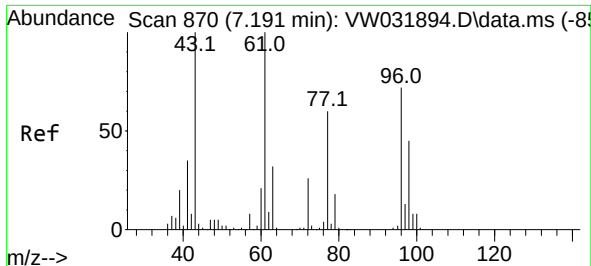
Tgt Ion:168 Resp: 183819
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.2



#16
Acetone
Concen: 113.412 ug/l
RT: 4.167 min Scan# 374
Delta R.T. -0.000 min
Lab File: VW032010.D
Acq: 05 Aug 2025 12:58

Tgt Ion: 43 Resp: 74835
Ion Ratio Lower Upper
43 100
58 30.5 25.5 38.3

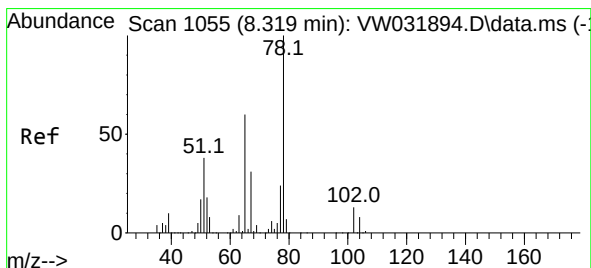
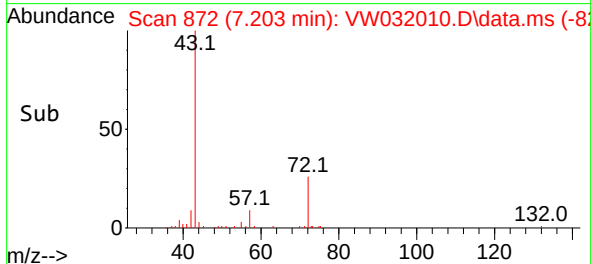
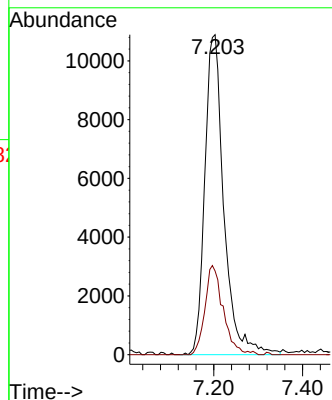
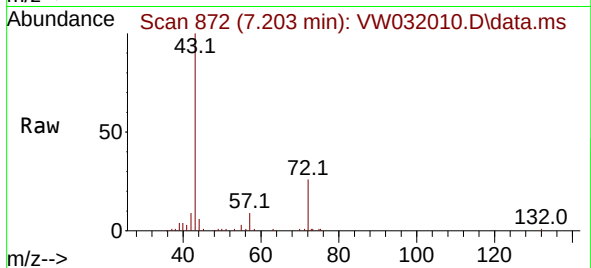




#25
2-Butanone
Concen: 35.938 ug/l
RT: 7.203 min Scan# 81
Delta R.T. 0.012 min
Lab File: VW032010.D
Acq: 05 Aug 2025 12:58

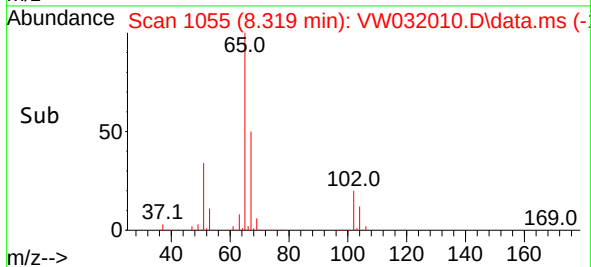
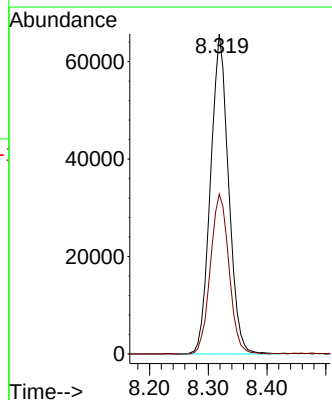
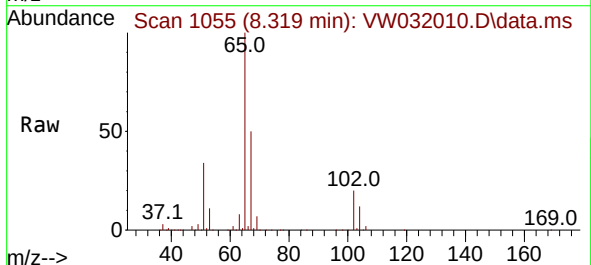
Instrument :
MSVOA_W
ClientSampleId :
TP-2 VOC

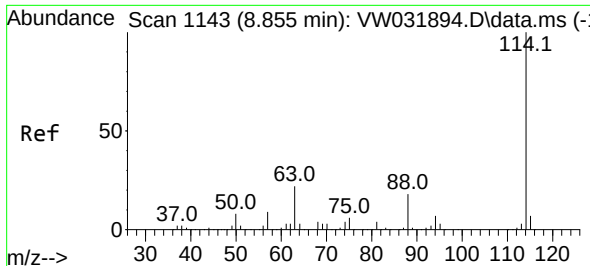
Tgt Ion: 43 Resp: 32446
Ion Ratio Lower Upper
43 100
72 26.2 20.8 31.2



#33
1,2-Dichloroethane-d4
Concen: 50.359 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032010.D
Acq: 05 Aug 2025 12:58

Tgt Ion: 65 Resp: 140033
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4

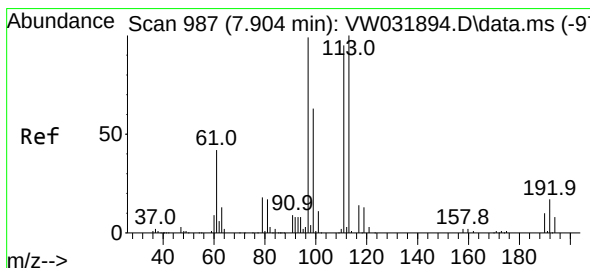
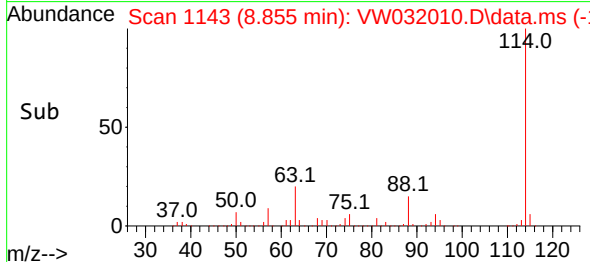
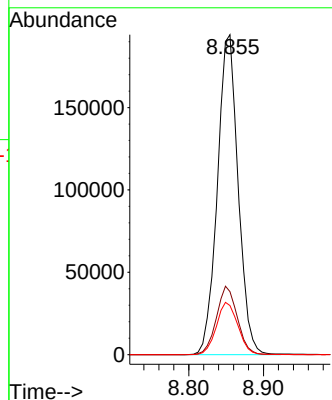
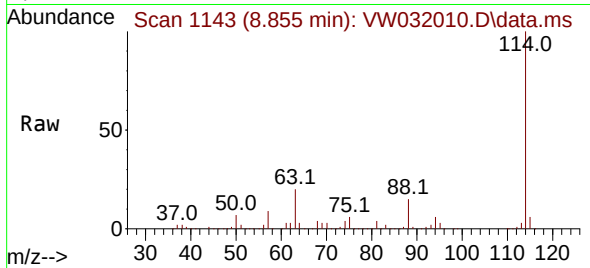




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032010.D
Acq: 05 Aug 2025 12:58

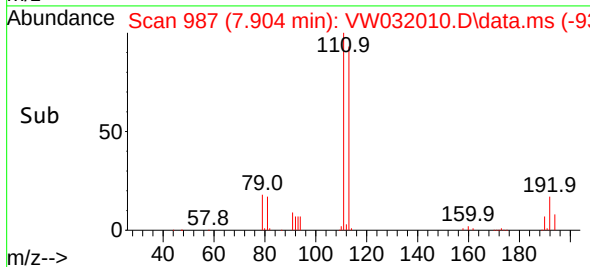
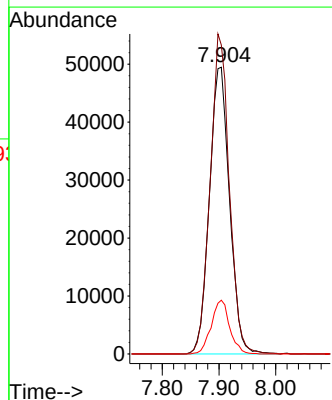
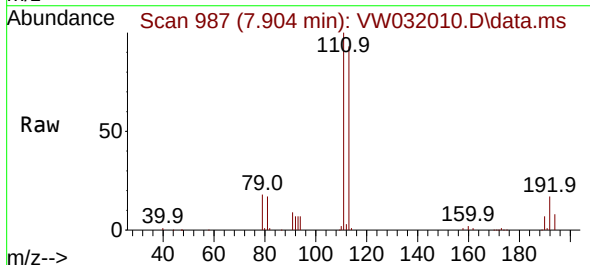
Instrument :
MSVOA_W
ClientSampleId :
TP-2 VOC

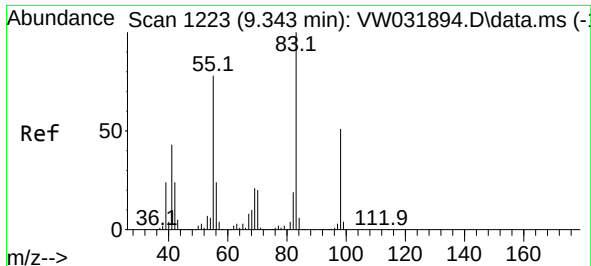
Tgt Ion:114 Resp: 376007
Ion Ratio Lower Upper
114 100
63 19.7 0.0 44.2
88 15.4 0.0 35.6



#35
Dibromofluoromethane
Concen: 47.741 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032010.D
Acq: 05 Aug 2025 12:58

Tgt Ion:113 Resp: 121979
Ion Ratio Lower Upper
113 100
111 106.1 79.9 119.9
192 17.1 12.6 19.0





#39

Methylcyclohexane

Concen: 4.602 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032010.D

Acq: 05 Aug 2025 12:58

Instrument :

MSVOA_W

ClientSampleId :

TP-2 VOC

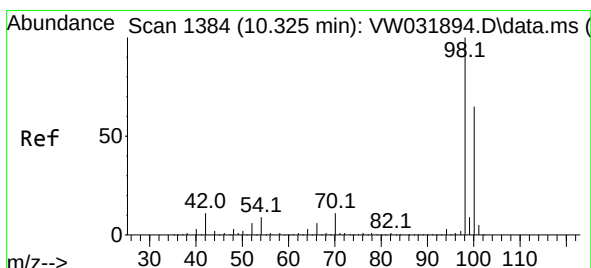
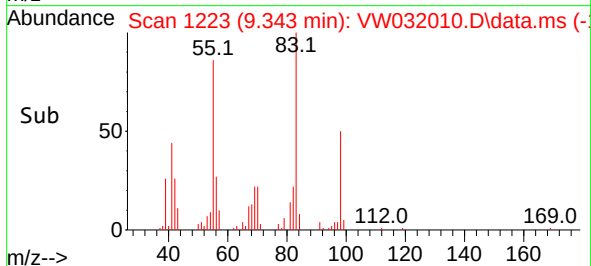
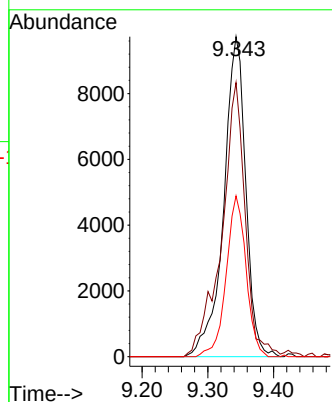
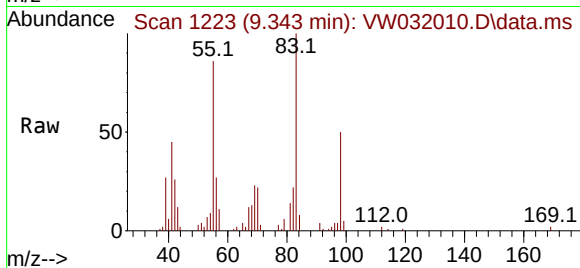
Tgt Ion: 83 Resp: 22725

Ion Ratio Lower Upper

83 100

55 85.7 62.5 93.7

98 50.2 40.6 61.0



#50

Toluene-d8

Concen: 48.339 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032010.D

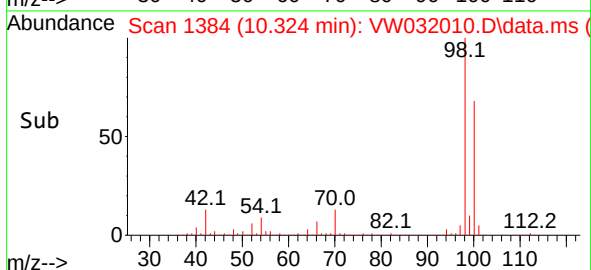
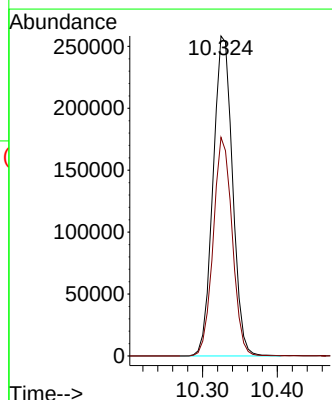
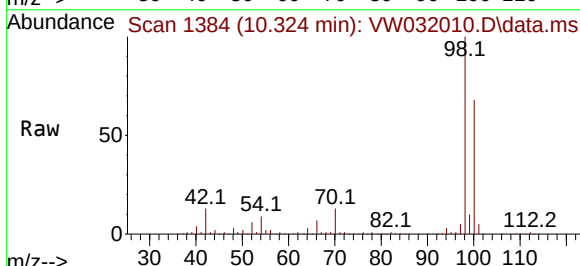
Acq: 05 Aug 2025 12:58

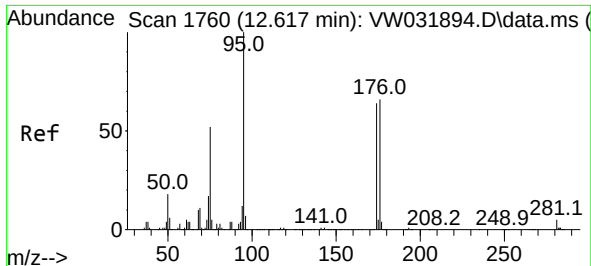
Tgt Ion: 98 Resp: 467436

Ion Ratio Lower Upper

98 100

100 66.6 51.7 77.5

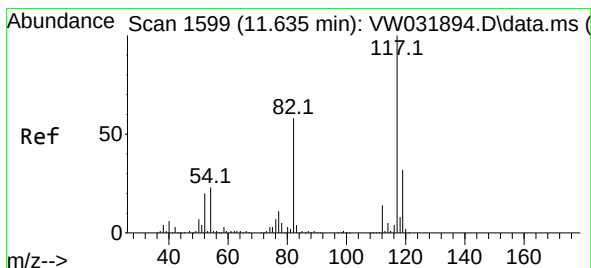
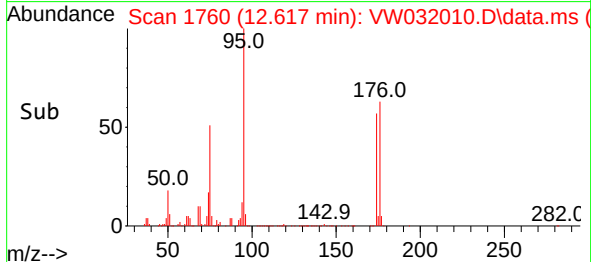
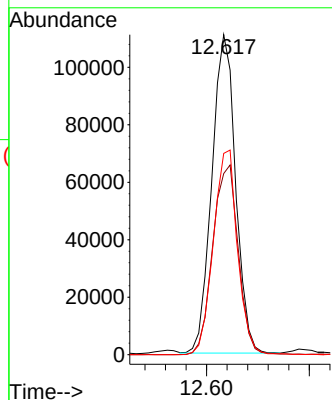
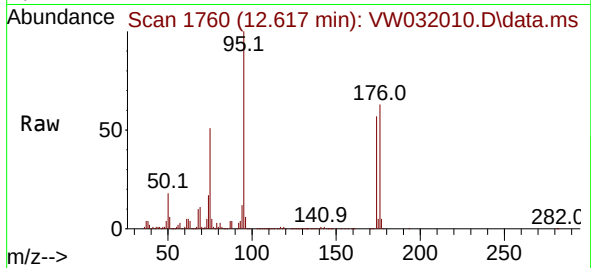




#62
4-Bromofluorobenzene
Concen: 47.797 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032010.D
Acq: 05 Aug 2025 12:58

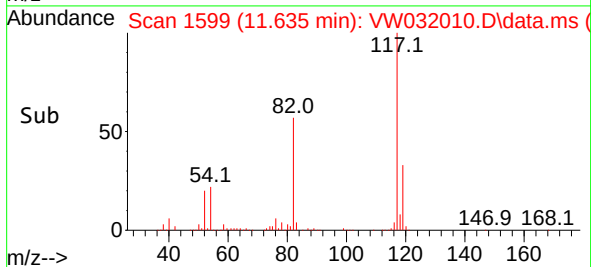
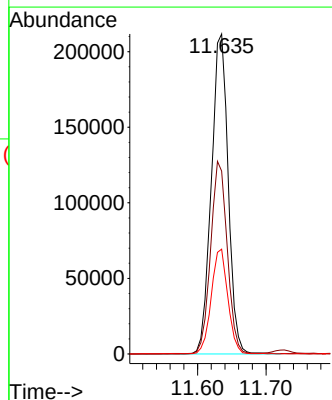
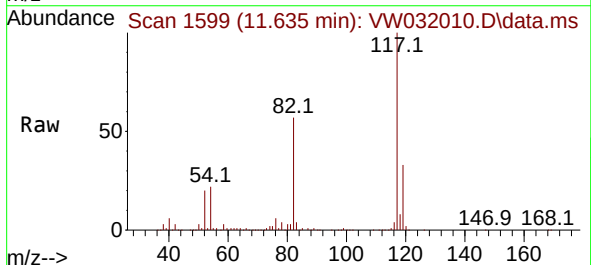
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TP-2 VOC

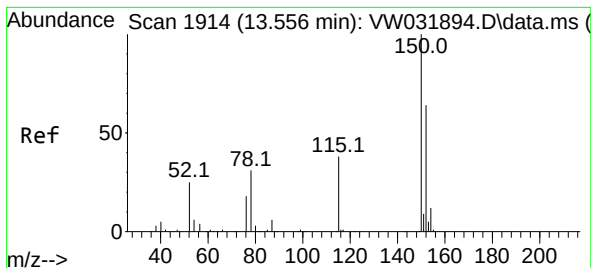
Tgt Ion: 95 Resp: 177474
Ion Ratio Lower Upper
95 100
174 64.2 0.0 129.8
176 65.5 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW032010.D
Acq: 05 Aug 2025 12:58

Tgt Ion: 117 Resp: 361766
Ion Ratio Lower Upper
117 100
82 57.0 46.5 69.7
119 32.7 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: VW032010.D

Acq: 05 Aug 2025 12:58

Instrument :

MSVOA_W

ClientSampleId :

TP-2 VOC

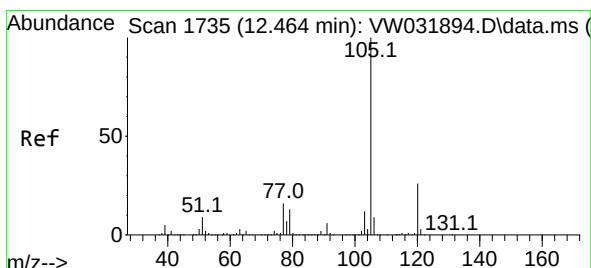
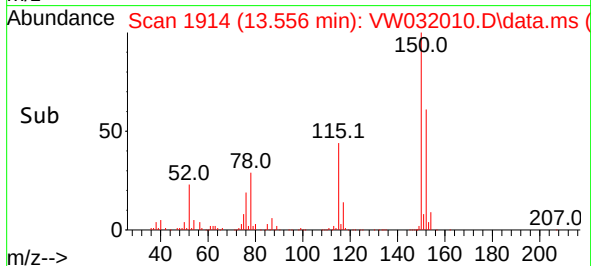
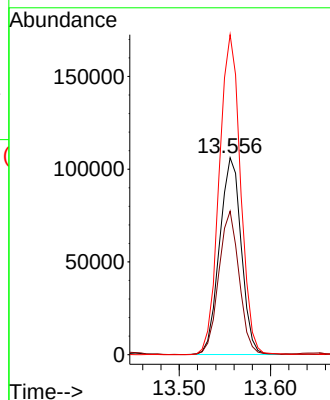
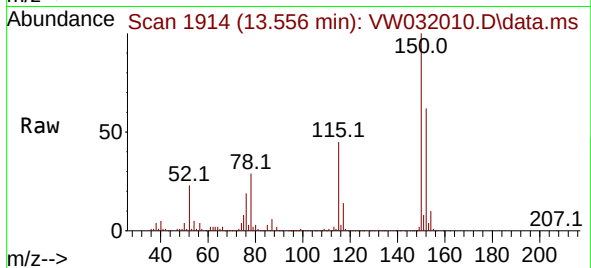
Tgt Ion:152 Resp: 174973

Ion Ratio Lower Upper

152 100

115 68.5 33.4 100.1

150 160.3 0.0 352.2



#73

Isopropylbenzene

Concen: 1.161 ug/l

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW032010.D

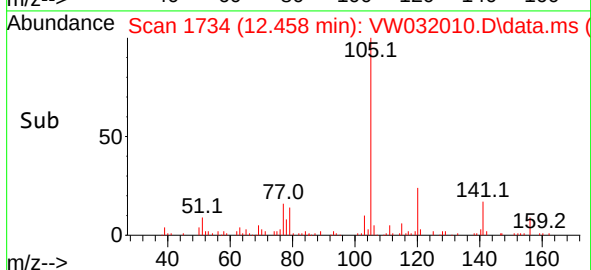
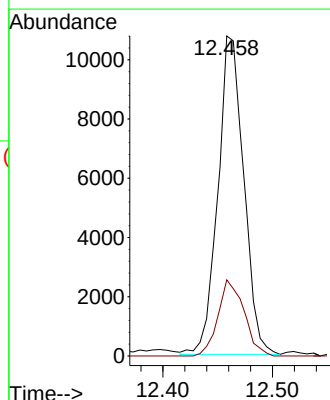
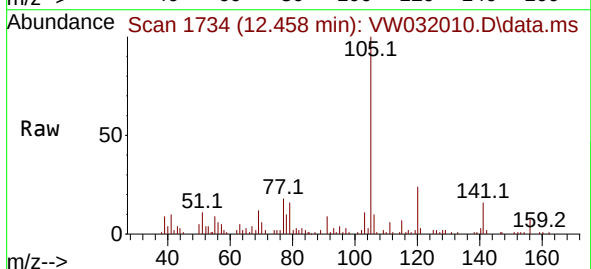
Acq: 05 Aug 2025 12:58

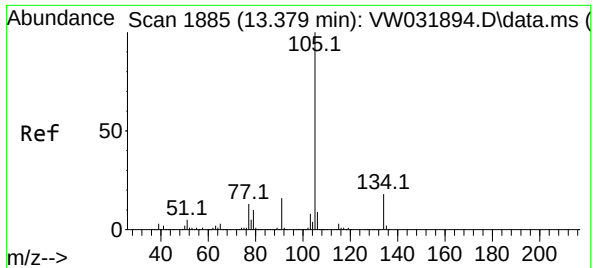
Tgt Ion:105 Resp: 17633

Ion Ratio Lower Upper

105 100

120 24.1 12.6 37.8





#85
 sec-Butylbenzene
 Concen: 2.160 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW032010.D
 Acq: 05 Aug 2025 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2 VOC

Tgt Ion:105 Resp: 35183
 Ion Ratio Lower Upper
 105 100
 134 26.4 9.2 27.6

