

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032018.D
 Acq On : 05 Aug 2025 17:09
 Operator : SY/MD
 Sample : Q2780-03
 Misc : 4.84g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-VOC

Quant Time: Aug 06 03:57:06 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)

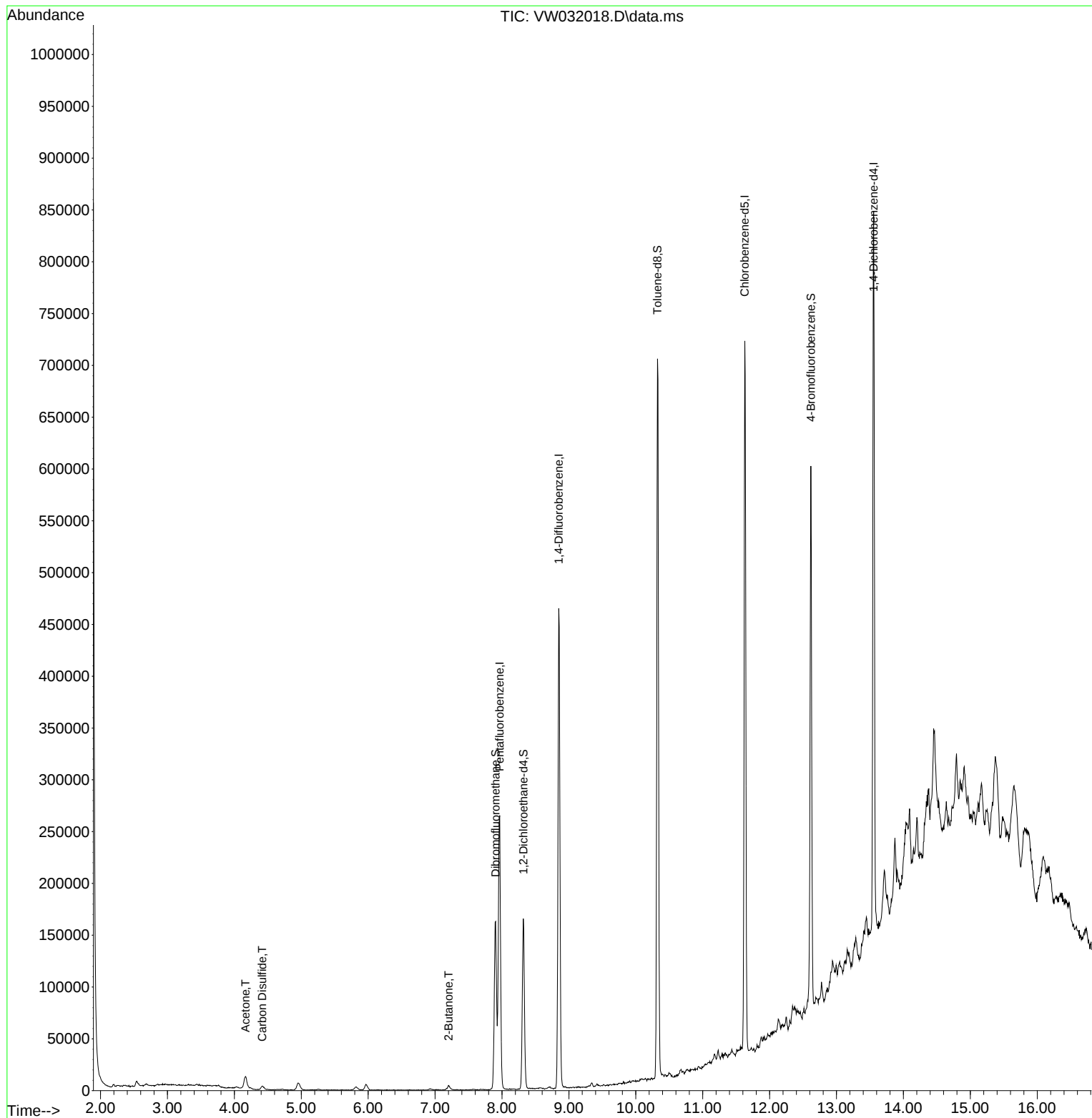
Internal Standards						
1) Pentafluorobenzene	7.965	168	179993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	397846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	384127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	179256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	134319	49.331	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.660%
35) Dibromofluoromethane	7.904	113	119601	44.241	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	88.480%
50) Toluene-d8	10.325	98	477454	46.665	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.320%
62) 4-Bromofluorobenzene	12.617	95	187303	47.675	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	95.360%
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	22235	34.413	ug/l	97
17) Carbon Disulfide	4.417	76	7571	1.216	ug/l	96
25) 2-Butanone	7.203	43	7051	7.976	ug/l	96

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

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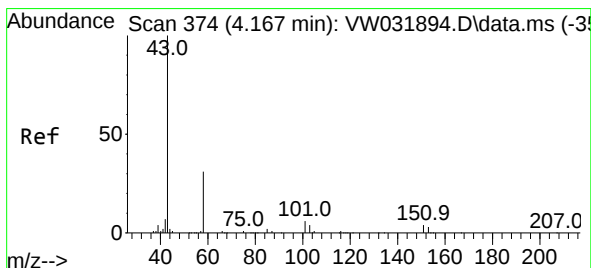
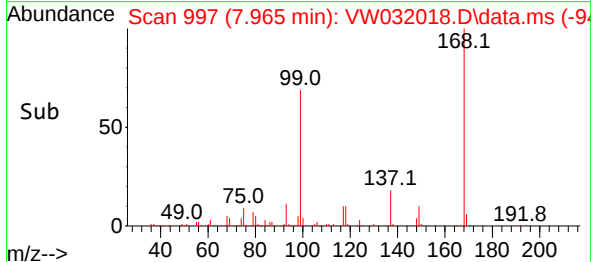
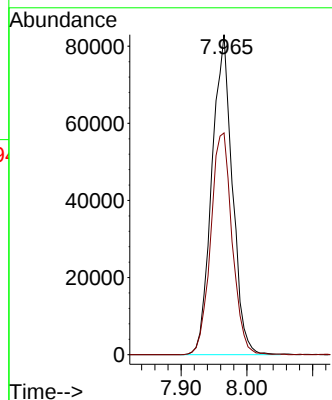
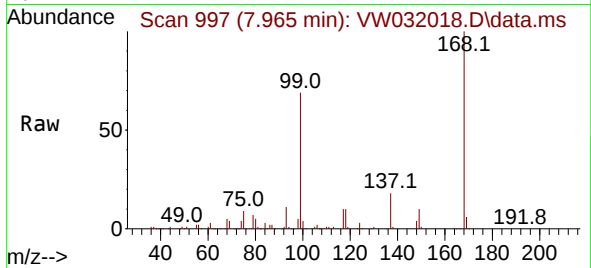




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032018.D
Acq: 05 Aug 2025 17:09

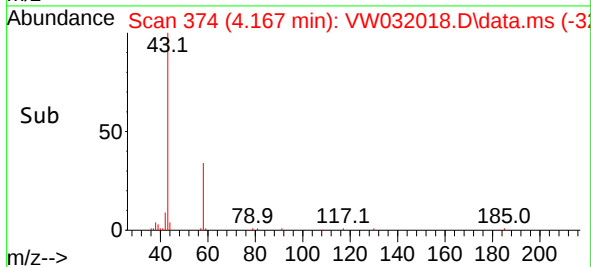
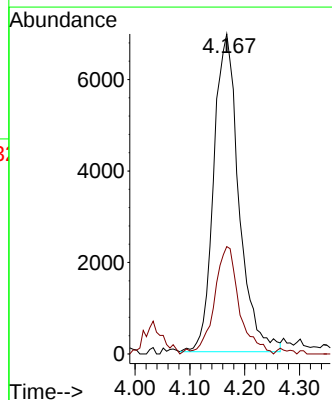
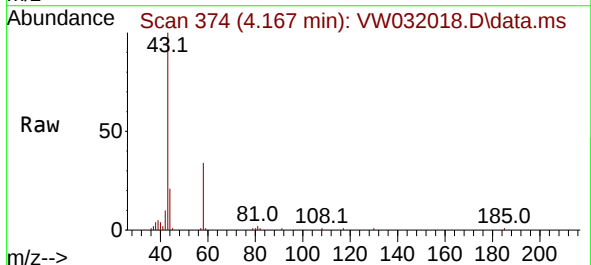
Instrument :
MSVOA_W
ClientSampleId :
TP-3-VOC

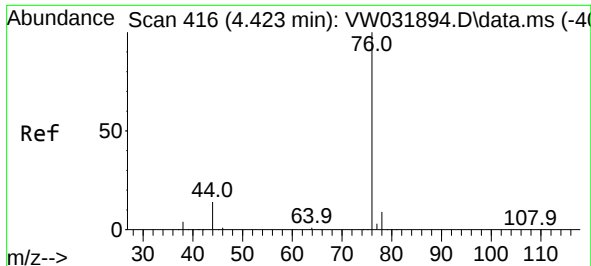
Tgt Ion:168 Resp: 179993
Ion Ratio Lower Upper
168 100
99 69.3 48.2 72.2



#16
Acetone
Concen: 34.413 ug/l
RT: 4.167 min Scan# 374
Delta R.T. -0.000 min
Lab File: VW032018.D
Acq: 05 Aug 2025 17:09

Tgt Ion: 43 Resp: 22235
Ion Ratio Lower Upper
43 100
58 33.8 25.5 38.3

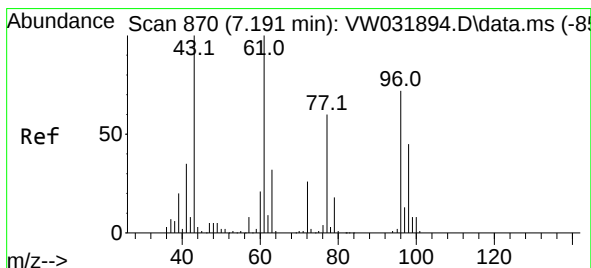
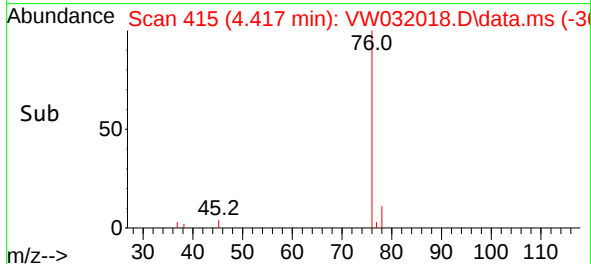
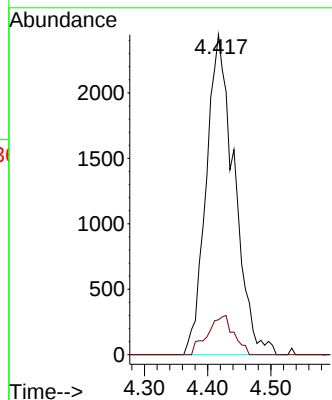
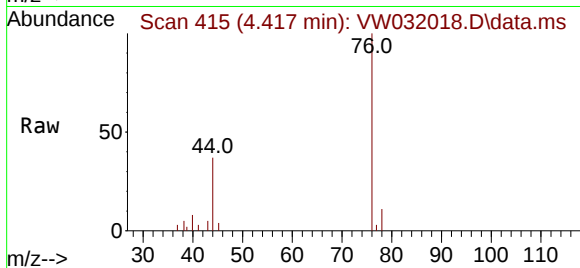




#17
Carbon Disulfide
Concen: 1.216 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW032018.D
Acq: 05 Aug 2025 17:09

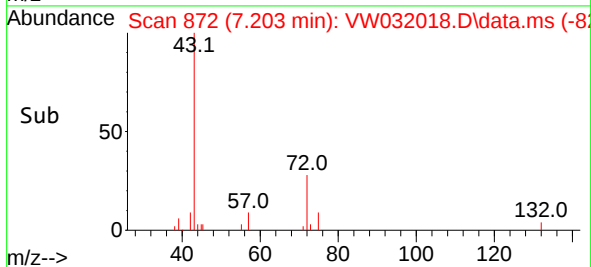
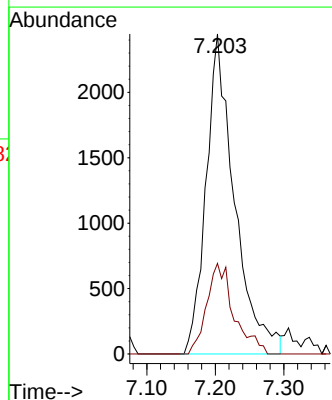
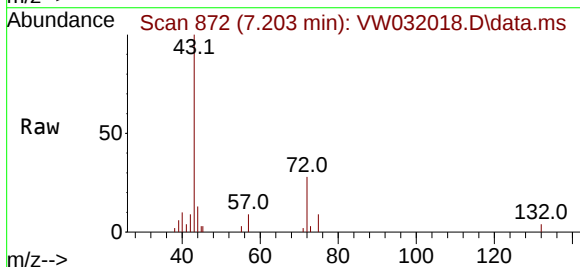
Instrument :
MSVOA_W
ClientSampleId :
TP-3-VOC

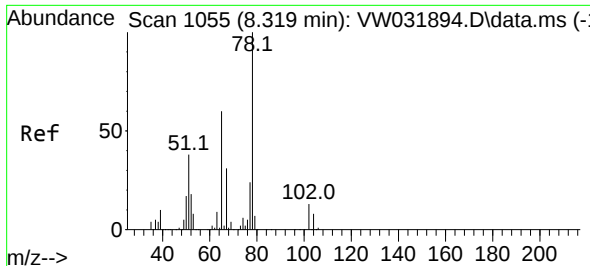
Tgt Ion: 76 Resp: 7571
Ion Ratio Lower Upper
76 100
78 10.9 7.5 11.3



#25
2-Butanone
Concen: 7.976 ug/l
RT: 7.203 min Scan# 872
Delta R.T. 0.012 min
Lab File: VW032018.D
Acq: 05 Aug 2025 17:09

Tgt Ion: 43 Resp: 7051
Ion Ratio Lower Upper
43 100
72 28.3 20.8 31.2





#33

1,2-Dichloroethane-d4

Concen: 49.331 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032018.D

Acq: 05 Aug 2025 17:09

Instrument :

MSVOA_W

ClientSampleId :

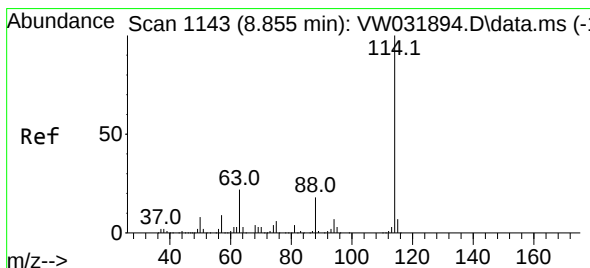
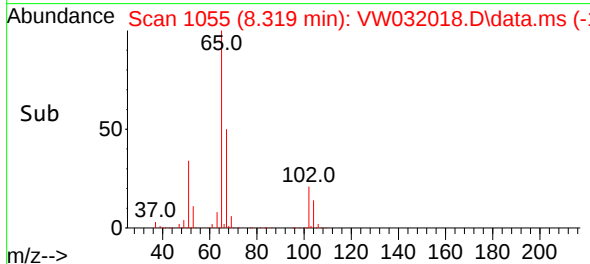
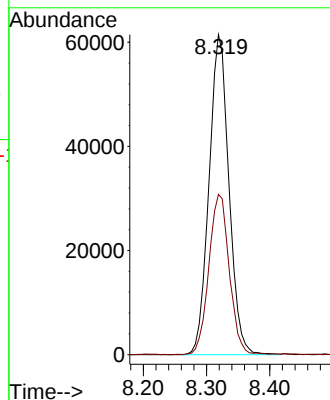
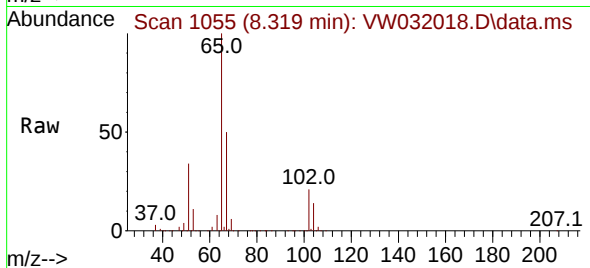
TP-3-VOC

Tgt Ion: 65 Resp: 134319

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032018.D

Acq: 05 Aug 2025 17:09

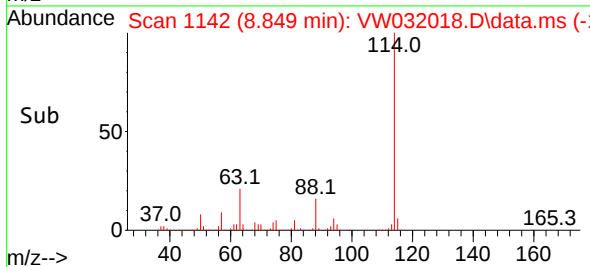
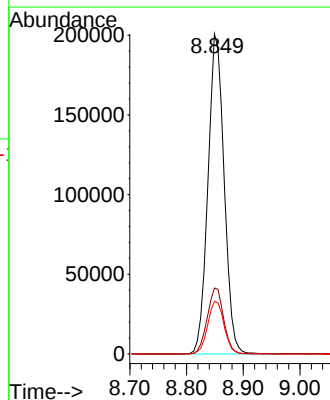
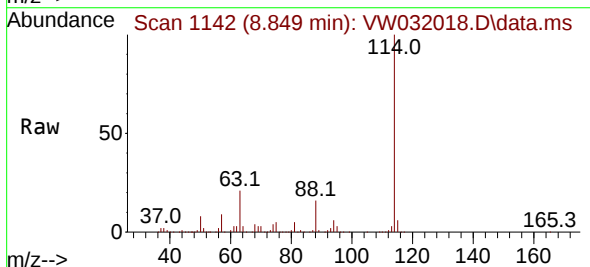
Tgt Ion: 114 Resp: 397846

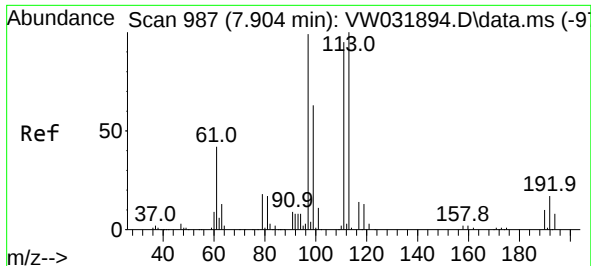
Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.2

88 16.4 0.0 35.6

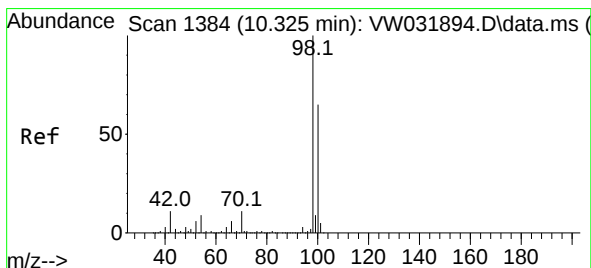
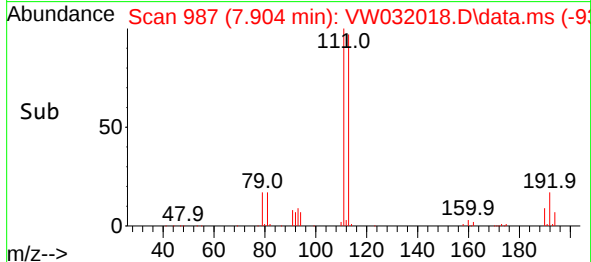
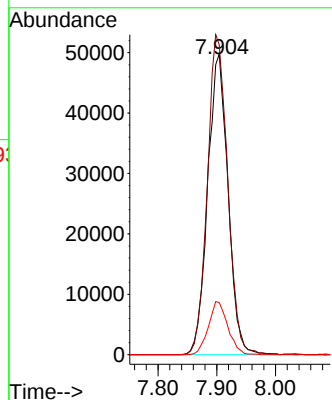
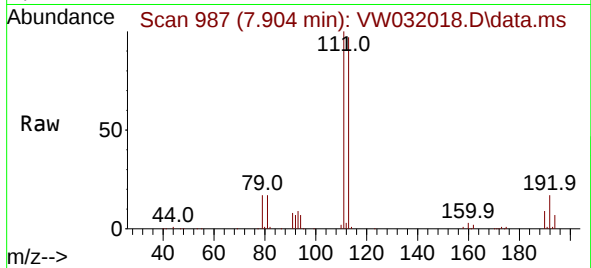




#35
 Dibromofluoromethane
 Concen: 44.241 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032018.D
 Acq: 05 Aug 2025 17:09

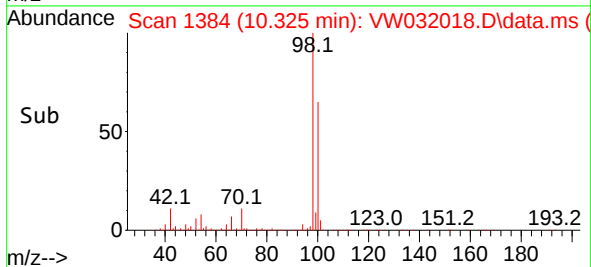
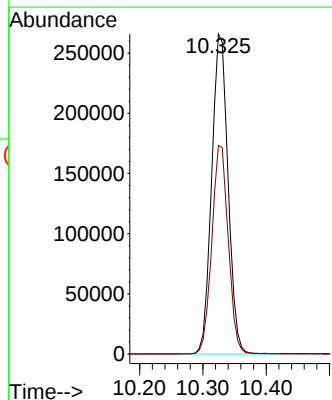
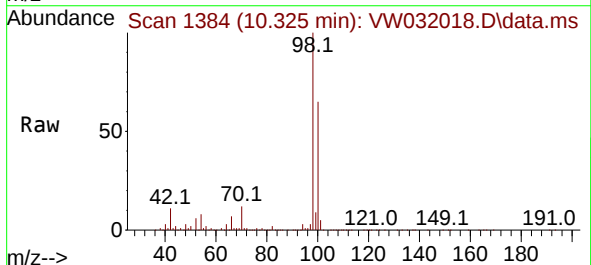
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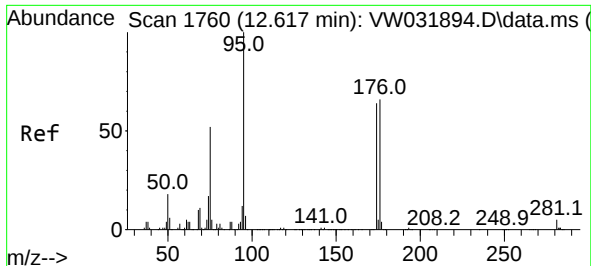
Tgt Ion:113 Resp: 119601
 Ion Ratio Lower Upper
 113 100
 111 106.2 79.9 119.9
 192 16.9 12.6 19.0



#50
 Toluene-d8
 Concen: 46.665 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032018.D
 Acq: 05 Aug 2025 17:09

Tgt Ion: 98 Resp: 477454
 Ion Ratio Lower Upper
 98 100
 100 65.5 51.7 77.5

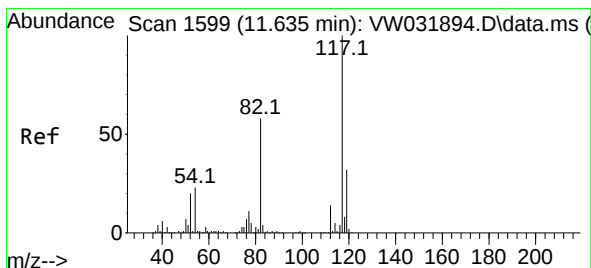
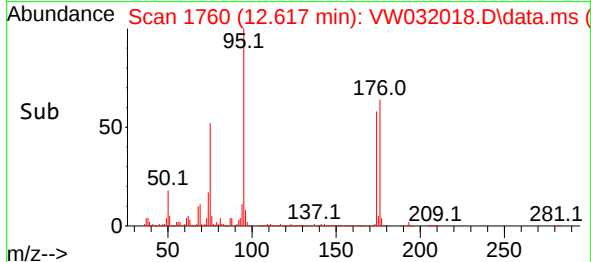
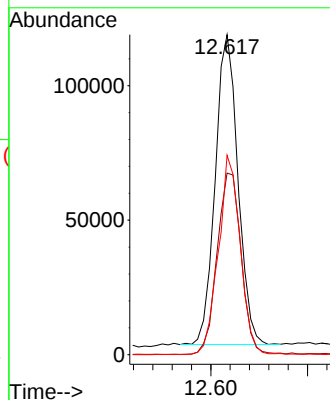
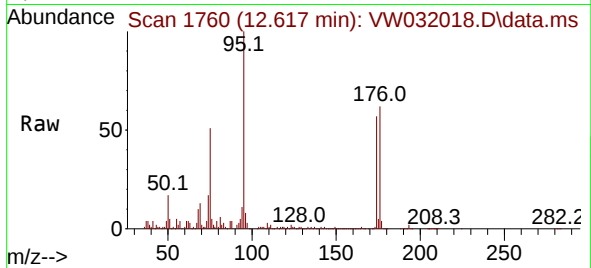




#62
4-Bromofluorobenzene
Concen: 47.675 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032018.D
Acq: 05 Aug 2025 17:09

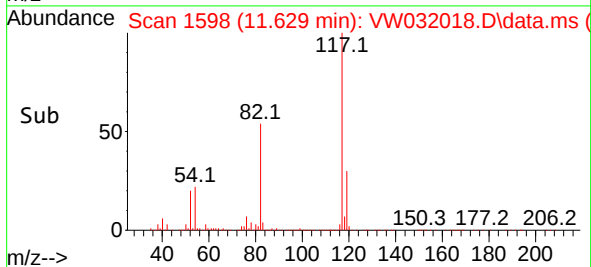
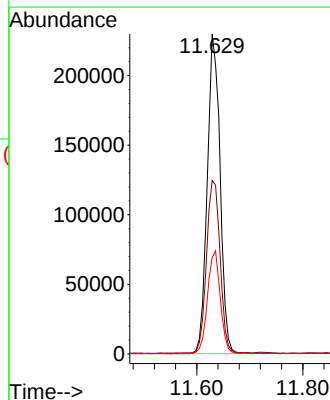
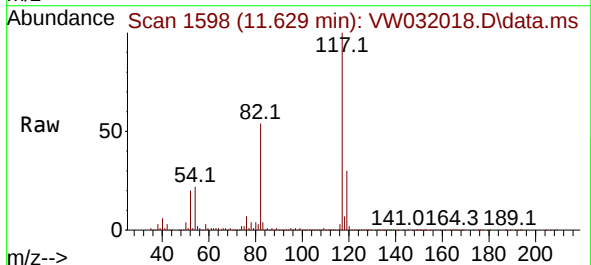
Instrument :
MSVOA_W
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TP-3-VOC

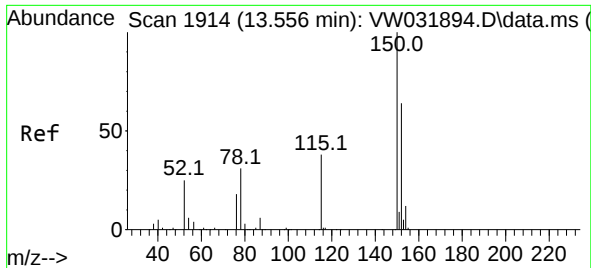
Tgt Ion: 95 Resp: 187303
Ion Ratio Lower Upper
95 100
174 61.8 0.0 129.8
176 62.2 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032018.D
Acq: 05 Aug 2025 17:09

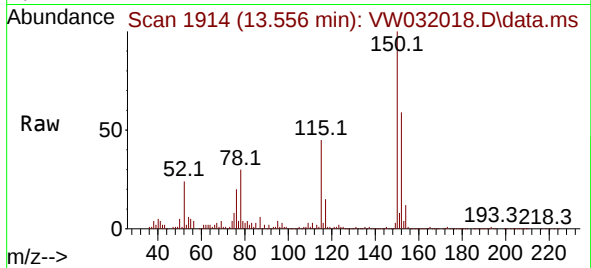
Tgt Ion: 117 Resp: 384127
Ion Ratio Lower Upper
117 100
82 54.0 46.5 69.7
119 30.1 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032018.D
 Acq: 05 Aug 2025 17:09

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-VOC



Tgt Ion:152 Resp: 179256

Ion	Ratio	Lower	Upper
152	100		
115	69.7	33.4	100.1
150	158.4	0.0	352.2

