

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025434.D
 Acq On : 02 Dec 2021 17:30
 Operator : JC/MD
 Sample : M4917-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18R

Quant Time: Dec 03 03:09:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

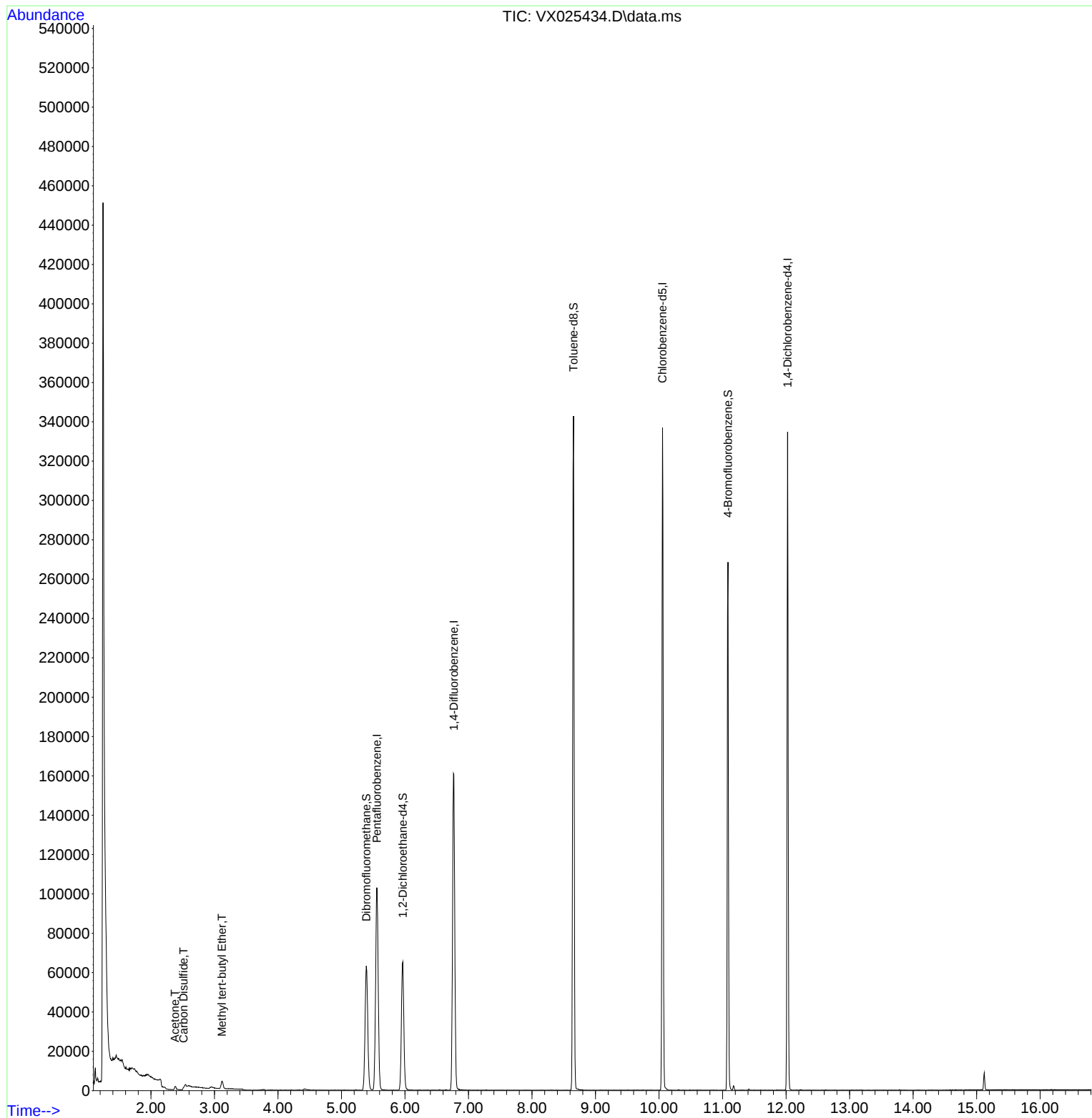
Internal Standards						
1) Pentafluorobenzene	5.556	168	103808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	175579	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61404	56.117	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.240%	
35) Dibromofluoromethane	5.391	113	55151	51.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.380%	
50) Toluene-d8	8.653	98	203105	50.143	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	11.085	95	70509	46.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.020%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2002	3.293	ug/l	96
17) Carbon Disulfide	2.514	76	1987	0.734	ug/l #	92
19) Methyl tert-butyl Ether	3.117	73	4404	1.314	ug/l	94

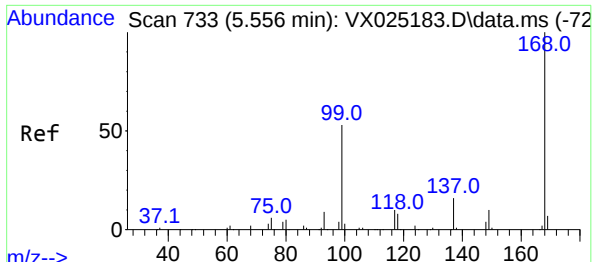
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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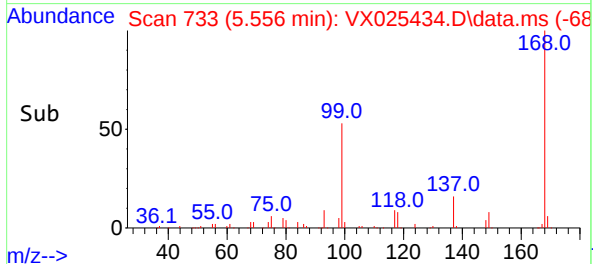
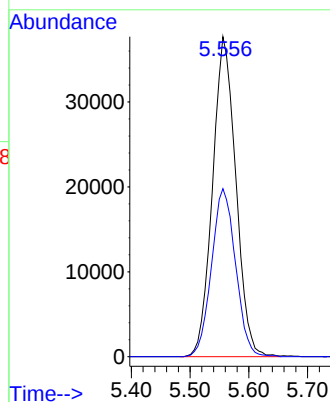
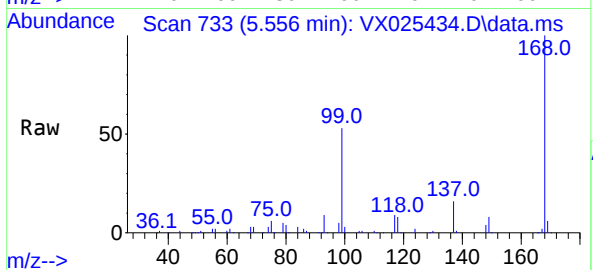




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025434.D
Acq: 02 Dec 2021 17:30

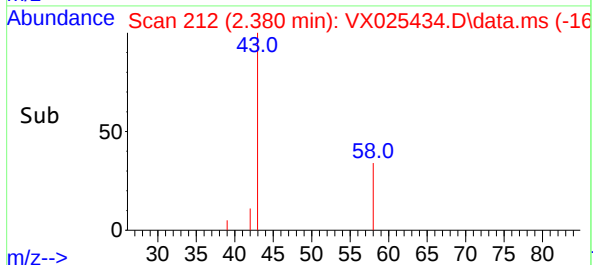
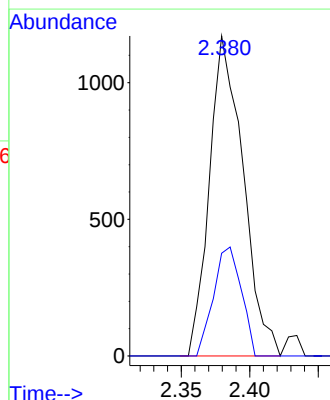
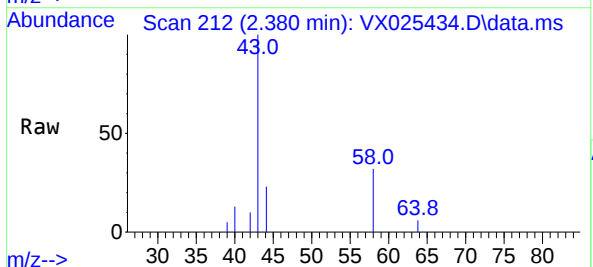
Instrument :
MSVOA_X
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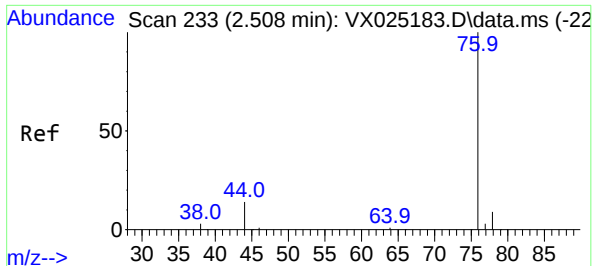
Tgt Ion:168 Resp: 103808
Ion Ratio Lower Upper
168 100
99 52.5 46.4 69.6



#16
Acetone
Concen: 3.293 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025434.D
Acq: 02 Dec 2021 17:30

Tgt Ion: 43 Resp: 2002
Ion Ratio Lower Upper
43 100
58 32.1 24.0 36.0

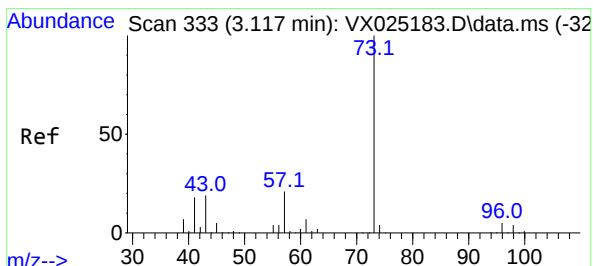
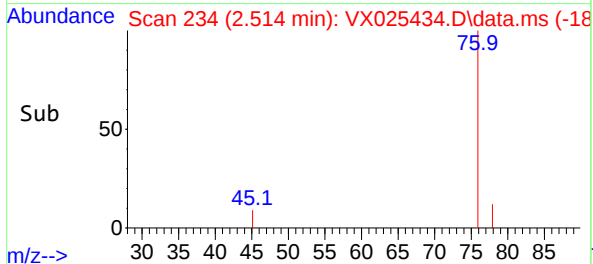
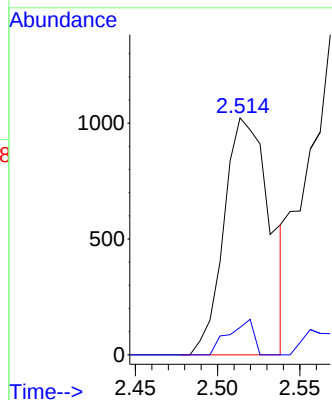
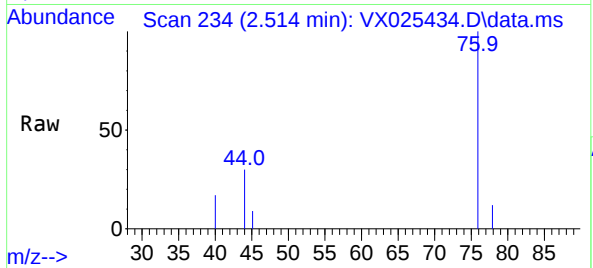




#17
Carbon Disulfide
Concen: 0.734 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025434.D
Acq: 02 Dec 2021 17:30

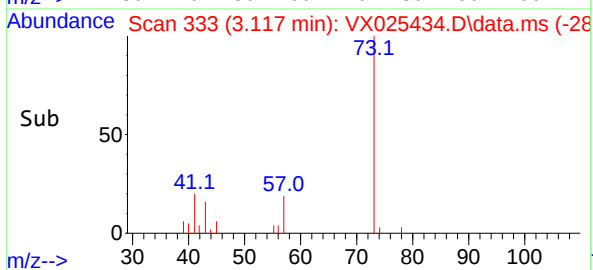
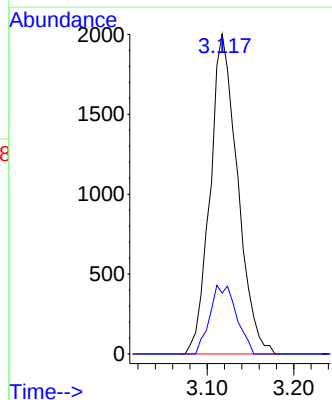
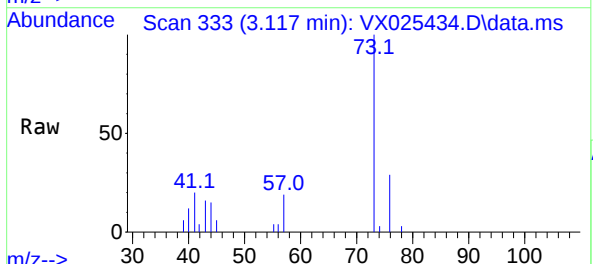
Instrument :
MSVOA_X
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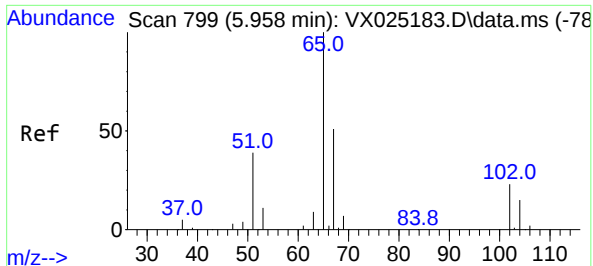
Tgt Ion: 76 Resp: 1987
Ion Ratio Lower Upper
76 100
78 11.5 6.9 10.3#



#19
Methyl tert-butyl Ether
Concen: 1.314 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025434.D
Acq: 02 Dec 2021 17:30

Tgt Ion: 73 Resp: 4404
Ion Ratio Lower Upper
73 100
57 19.1 17.5 26.3





#33

1,2-Dichloroethane-d4

Concen: 56.117 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX025434.D

Acq: 02 Dec 2021 17:30

Instrument :

MSVOA_X

ClientSampleId :

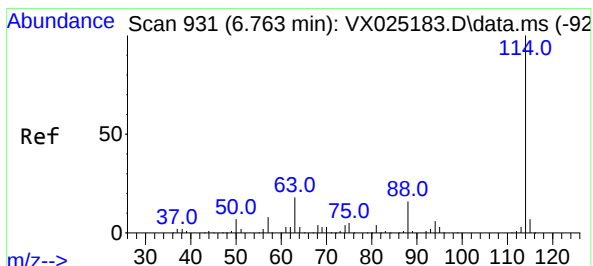
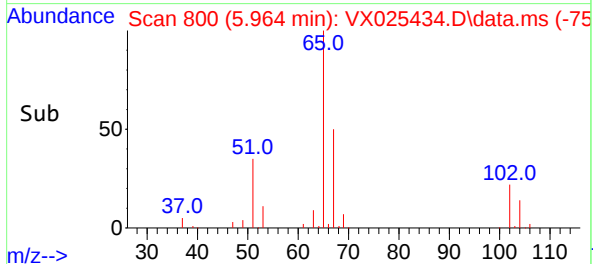
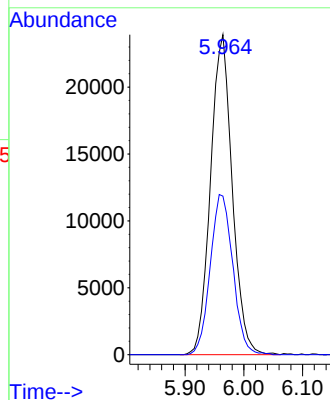
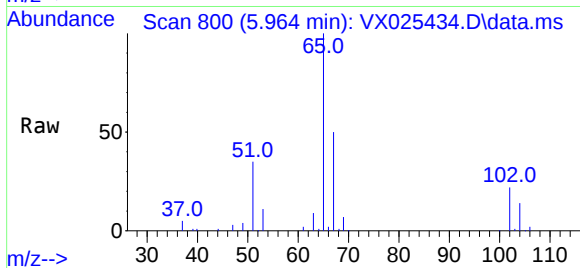
MW-18R

Tgt Ion: 65 Resp: 61404

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX025434.D

Acq: 02 Dec 2021 17:30

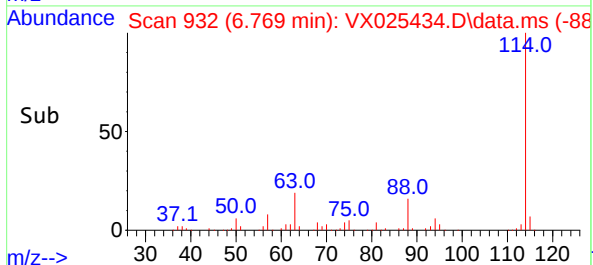
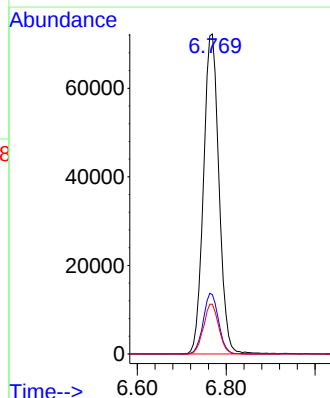
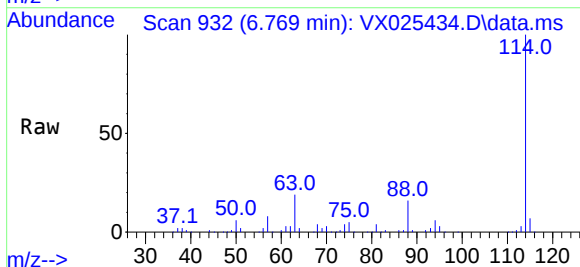
Tgt Ion: 114 Resp: 175579

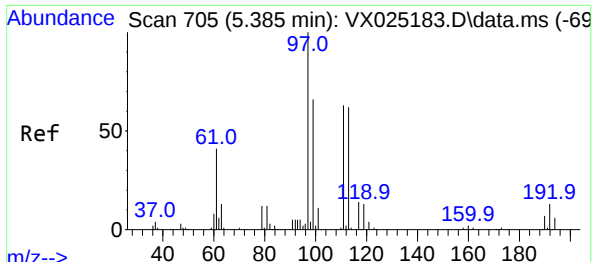
Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.0

88 15.6 0.0 34.8

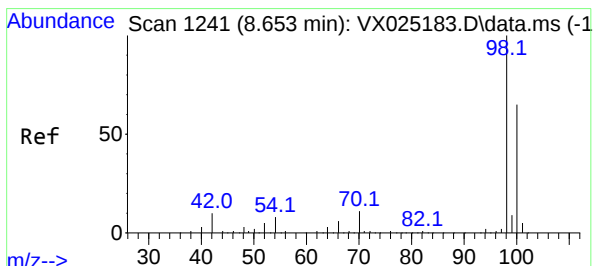
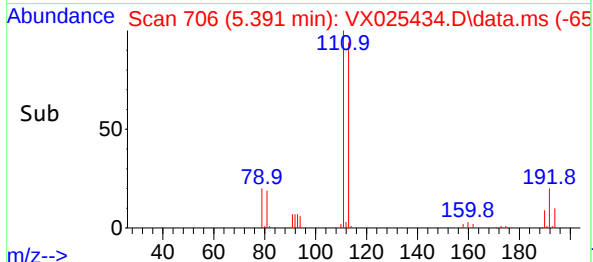
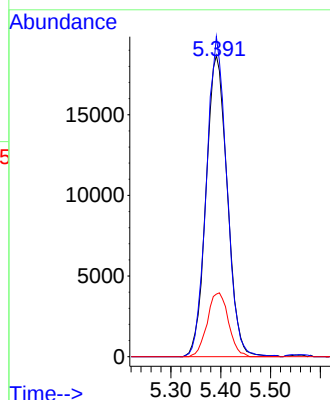
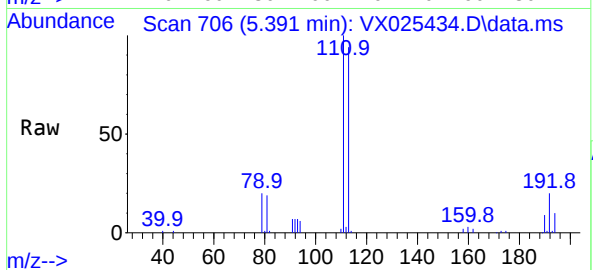




#35
Dibromofluoromethane
Concen: 51.194 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025434.D
Acq: 02 Dec 2021 17:30

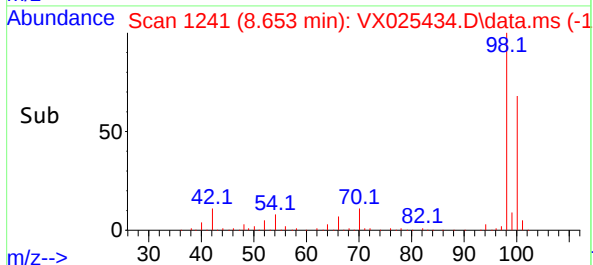
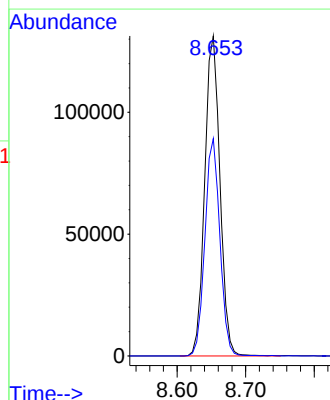
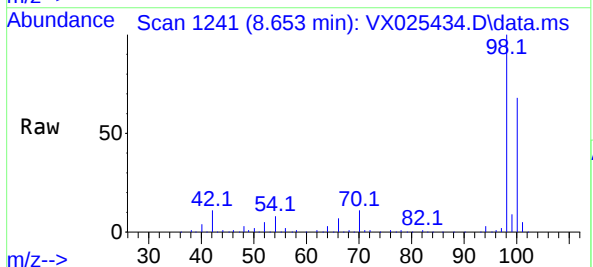
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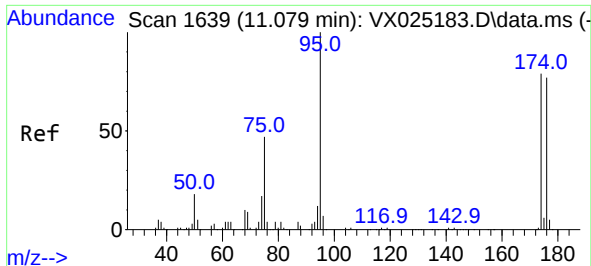
Tgt Ion:113 Resp: 55151
Ion Ratio Lower Upper
113 100
111 102.0 82.1 123.1
192 21.2 15.6 23.4



#50
Toluene-d8
Concen: 50.143 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025434.D
Acq: 02 Dec 2021 17:30

Tgt Ion: 98 Resp: 203105
Ion Ratio Lower Upper
98 100
100 66.7 51.4 77.0

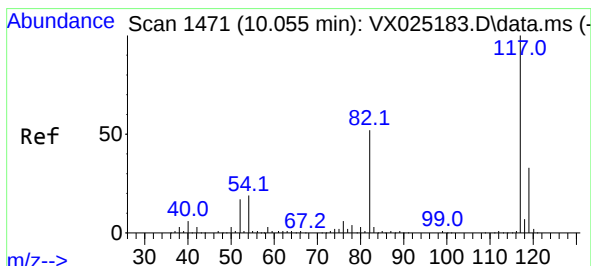
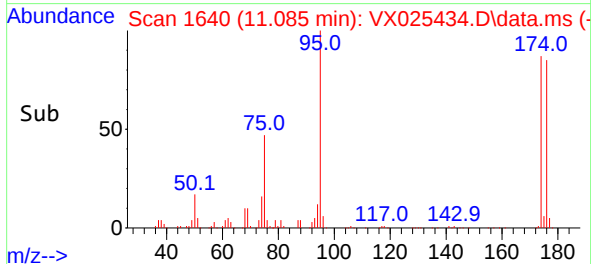
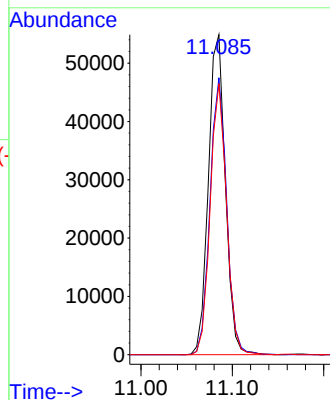
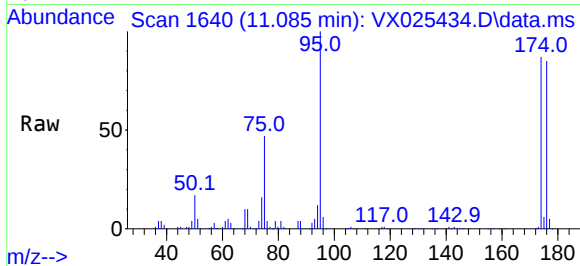




#62
4-Bromofluorobenzene
Concen: 46.014 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025434.D
Acq: 02 Dec 2021 17:30

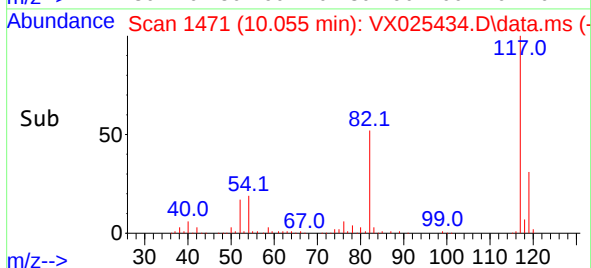
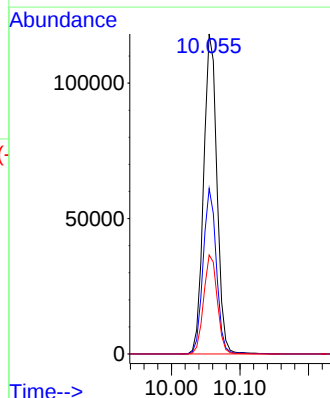
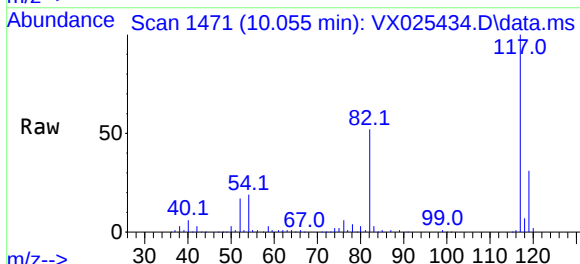
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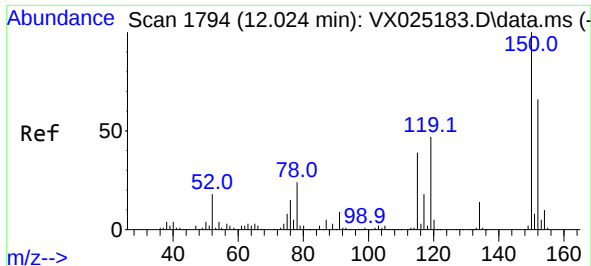
Tgt Ion: 95 Resp: 70509
Ion Ratio Lower Upper
95 100
174 85.1 0.0 158.0
176 81.7 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025434.D
Acq: 02 Dec 2021 17:30

Tgt Ion: 117 Resp: 160263
Ion Ratio Lower Upper
117 100
82 51.7 44.6 67.0
119 31.0 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025434.D
 Acq: 02 Dec 2021 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18R

Tgt Ion:152 Resp: 70080
 Ion Ratio Lower Upper
 152 100
 115 58.5 43.3 129.8
 150 159.1 0.0 351.2

