

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025433.D
 Acq On : 02 Dec 2021 17:06
 Operator : JC/MD
 Sample : M4917-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16R

Quant Time: Dec 03 03:08:53 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)

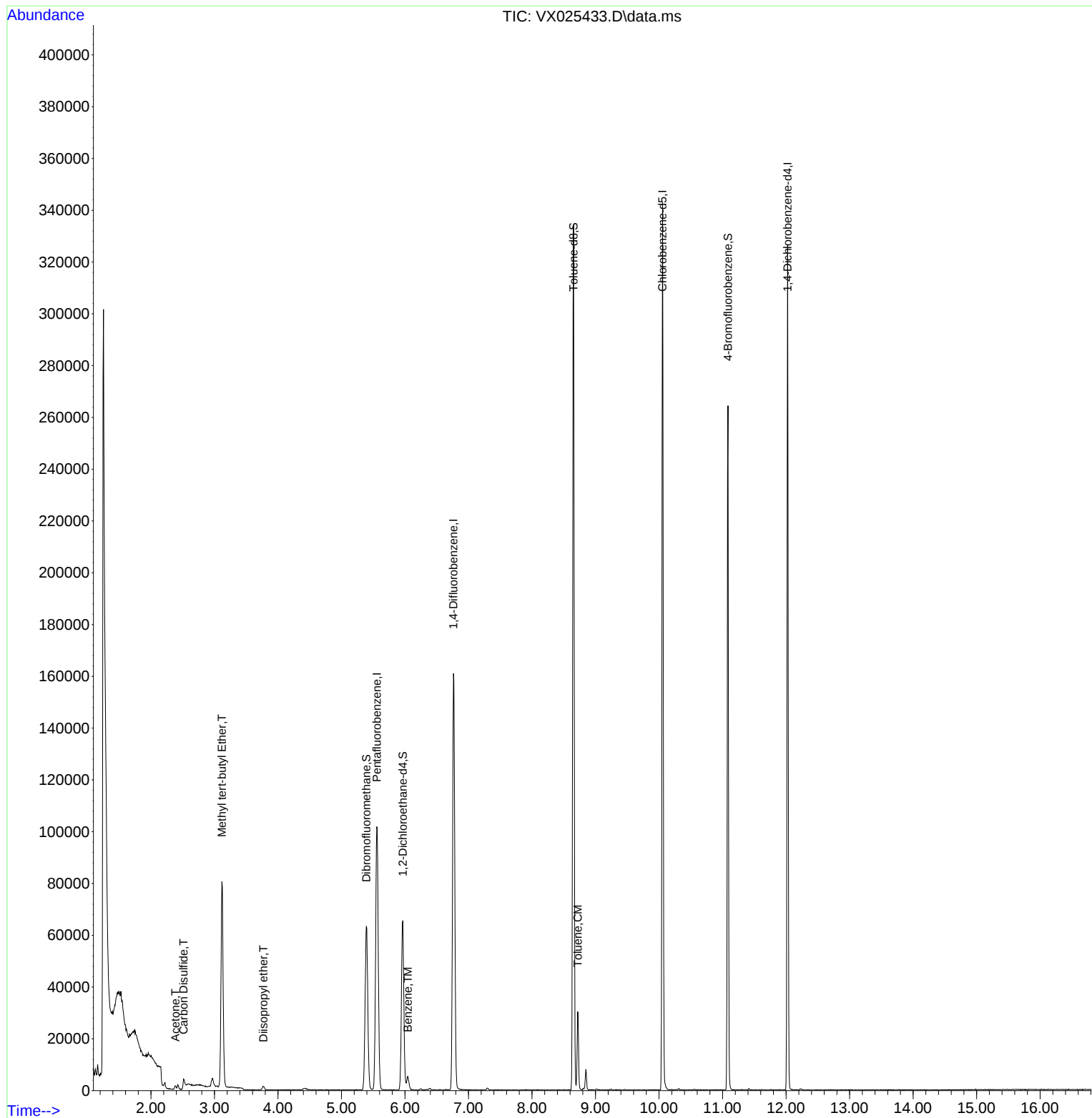
Internal Standards						
1) Pentafluorobenzene	5.556	168	104061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61352	55.93	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.86%
35) Dibromofluoromethane	5.391	113	54665	51.06	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.12%
50) Toluene-d8	8.653	98	201755	50.12	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.24%
62) 4-Bromofluorobenzene	11.085	95	69106	45.38	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.76%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1542	2.53	ug/l	95
17) Carbon Disulfide	2.514	76	6016	2.22	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	89969	26.77	ug/l	99
22) Diisopropyl ether	3.769	45	1418	0.43	ug/l #	81
40) Benzene	6.043	78	6050	1.31	ug/l #	90
52) Toluene	8.720	92	11467	3.81	ug/l	97

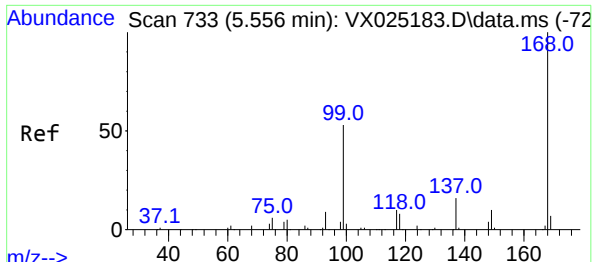
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
MW-16R

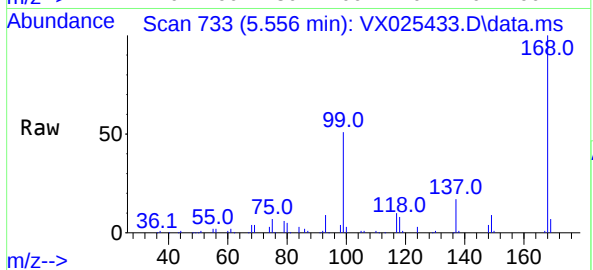
Quant Time: Dec 03 03:08:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



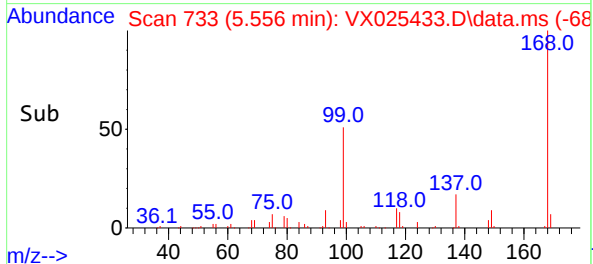
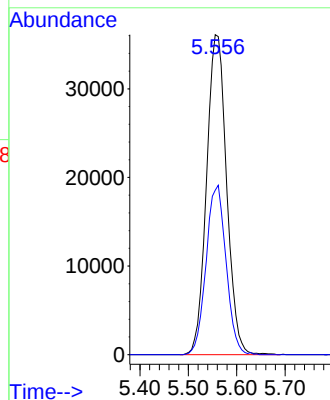


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Instrument :
MSVOA_X
ClientSampleId :
MW-16R

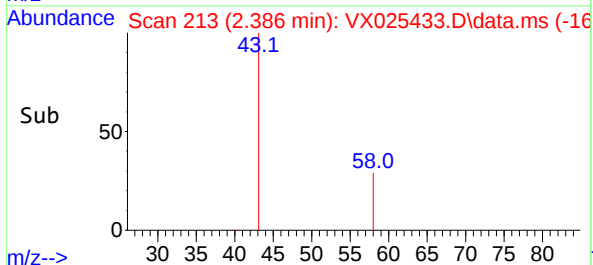
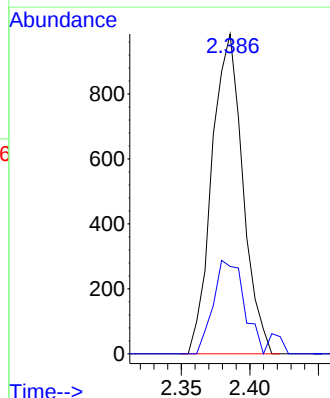
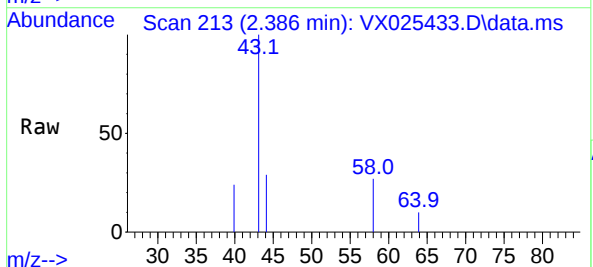


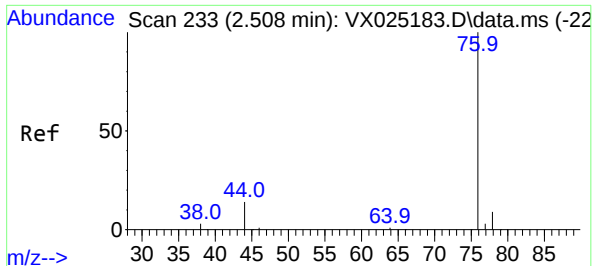
Tgt Ion:168 Resp: 104061
Ion Ratio Lower Upper
168 100
99 51.4 46.4 69.6



#16
Acetone
Concen: 2.53 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
43 100
58 27.3 24.0 36.0

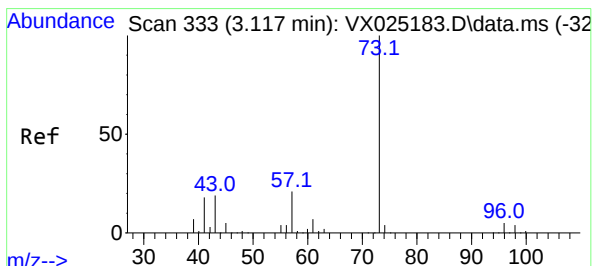
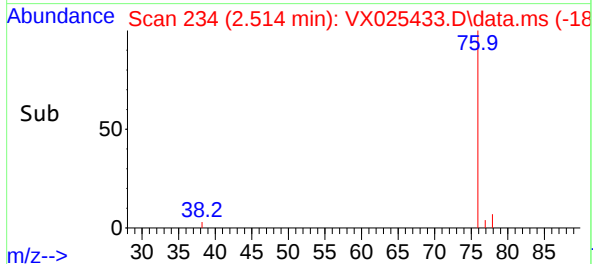
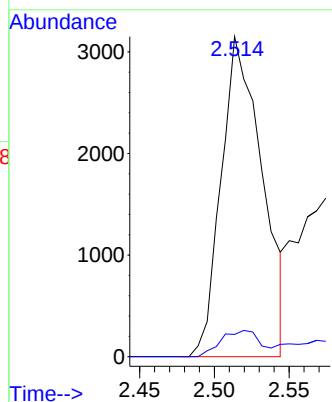
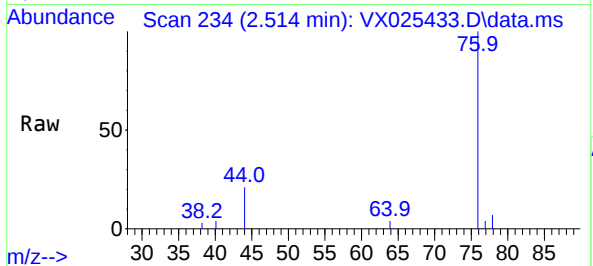




#17
Carbon Disulfide
Concen: 2.22 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

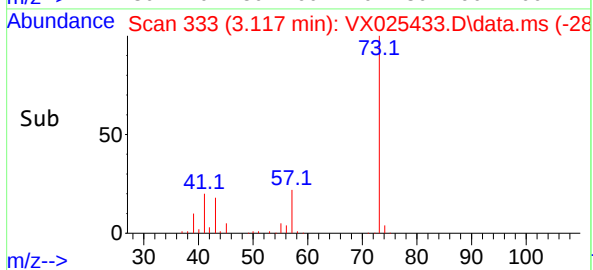
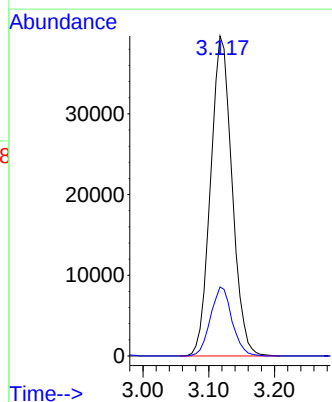
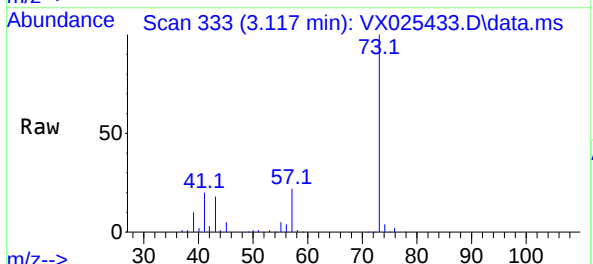
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

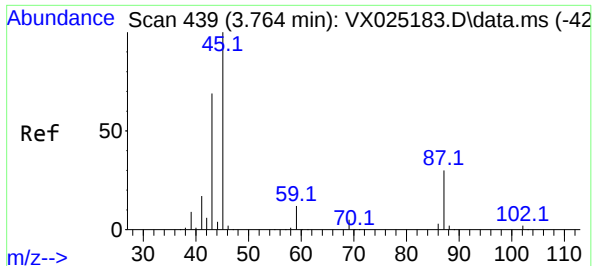
Tgt Ion: 76 Resp: 6016
Ion Ratio Lower Upper
76 100
78 7.0 6.9 10.3



#19
Methyl tert-butyl Ether
Concen: 26.77 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Tgt Ion: 73 Resp: 89969
Ion Ratio Lower Upper
73 100
57 21.5 17.5 26.3

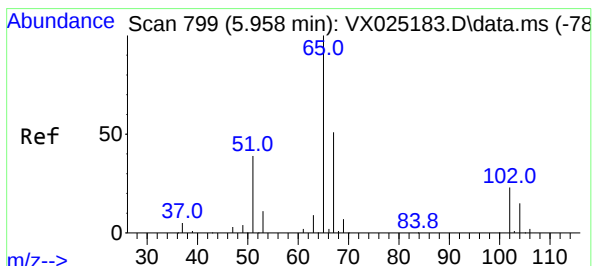
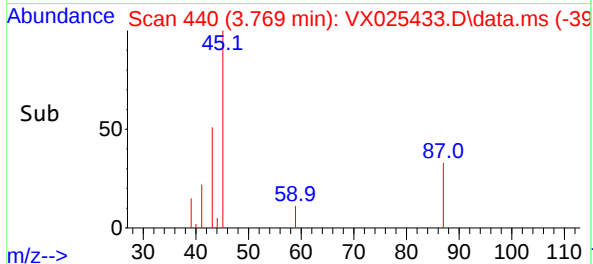
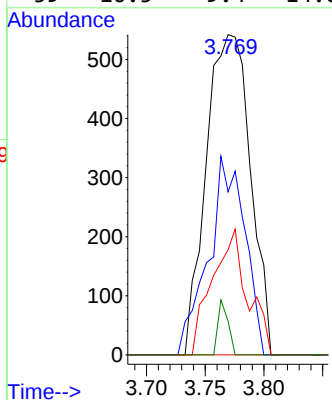
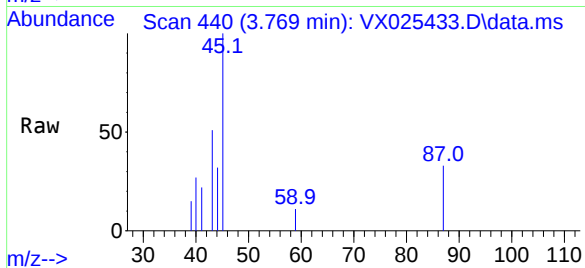




#22
Diisopropyl ether
Concen: 0.43 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.005 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

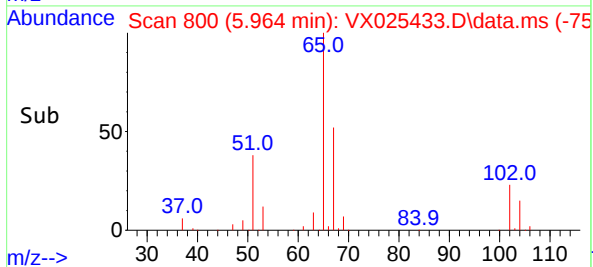
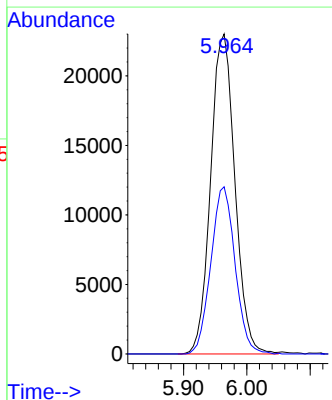
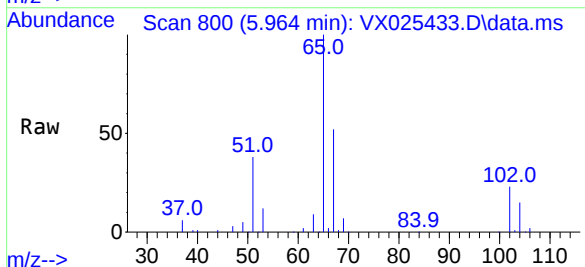
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

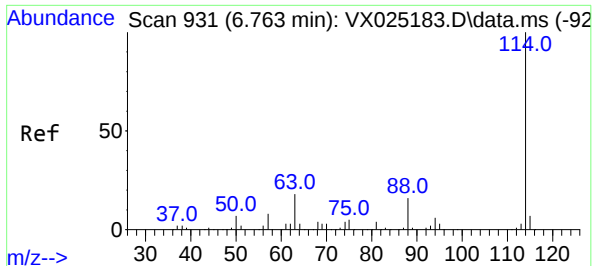
Tgt Ion: 45	Resp: 1418
Ion Ratio	Lower Upper
45 100	
43 50.9	58.3 87.5#
87 32.8	23.7 35.5
59 10.5	9.4 14.0



#33
1,2-Dichloroethane-d4
Concen: 55.93 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Tgt Ion: 65	Resp: 61352
Ion Ratio	Lower Upper
65 100	
67 52.1	0.0 101.0

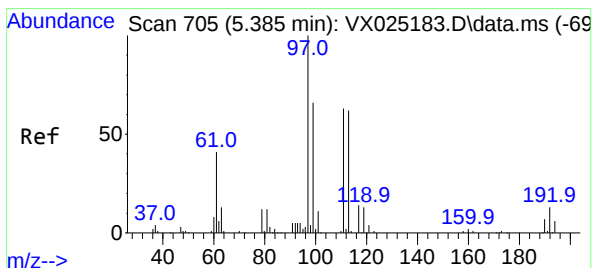
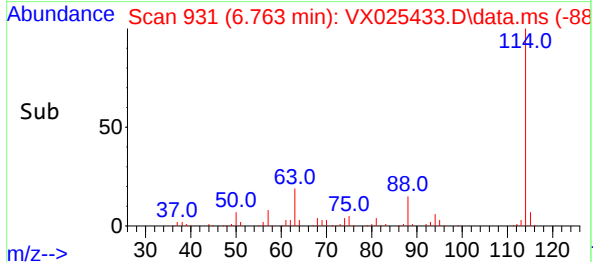
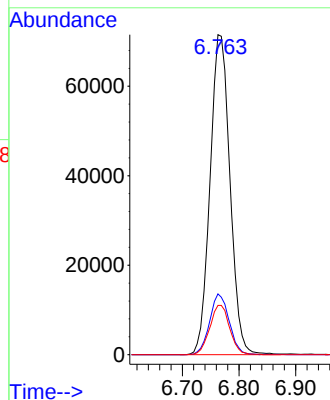
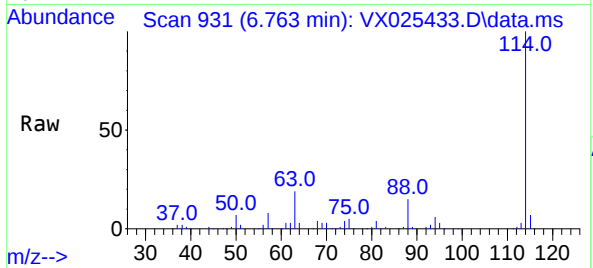




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

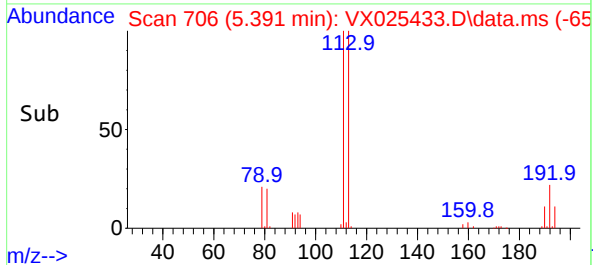
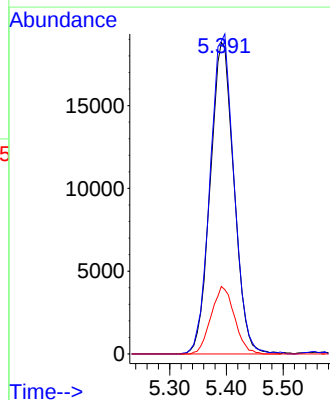
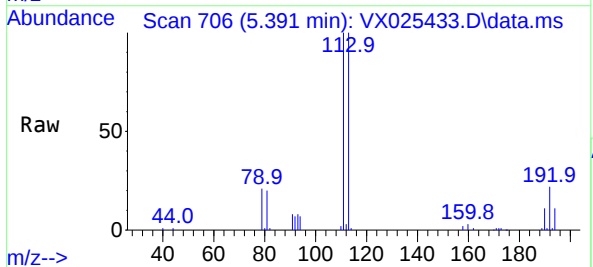
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

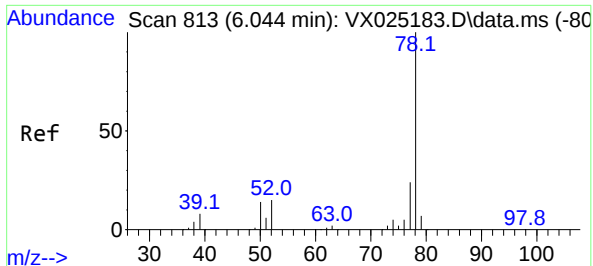
Tgt Ion:114 Resp: 174490
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.0
88 15.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.06 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Tgt Ion:113 Resp: 54665
Ion Ratio Lower Upper
113 100
111 103.6 82.1 123.1
192 21.3 15.6 23.4

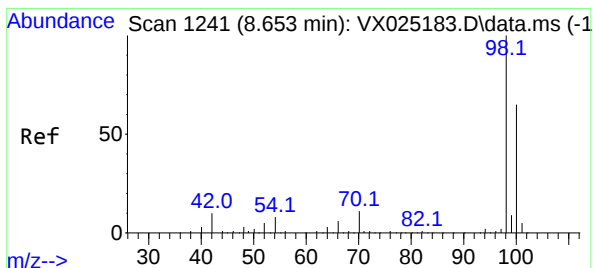
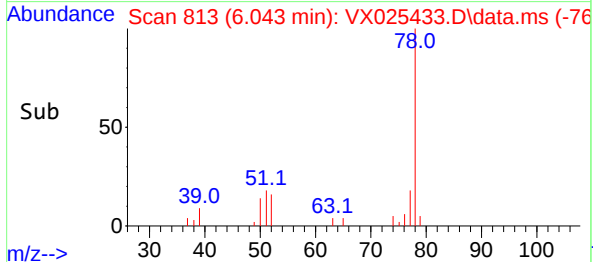
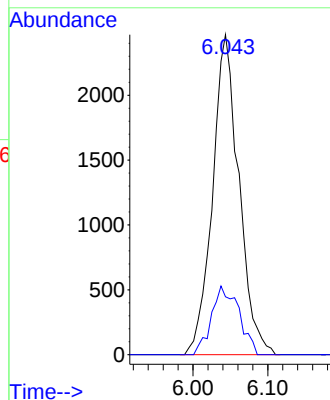
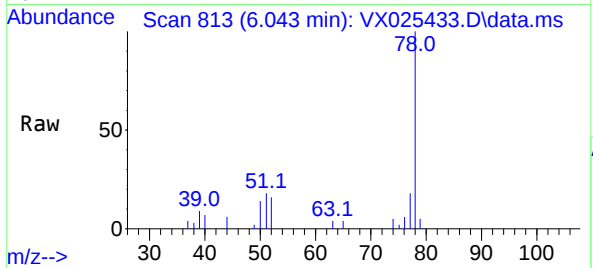




#40
Benzene
Concen: 1.31 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

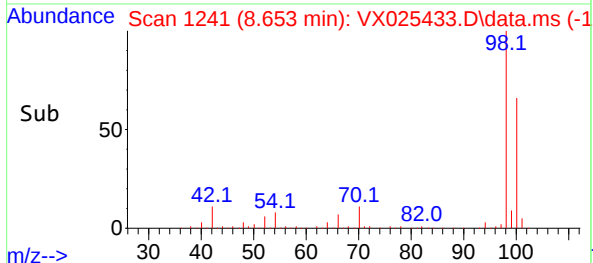
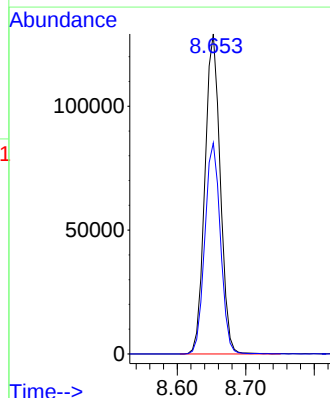
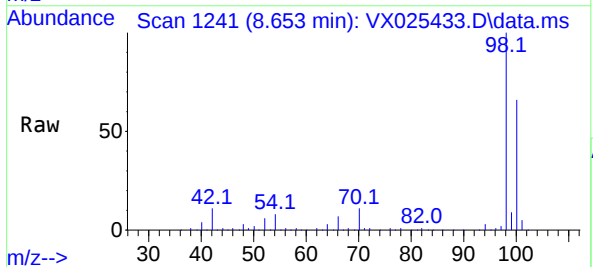
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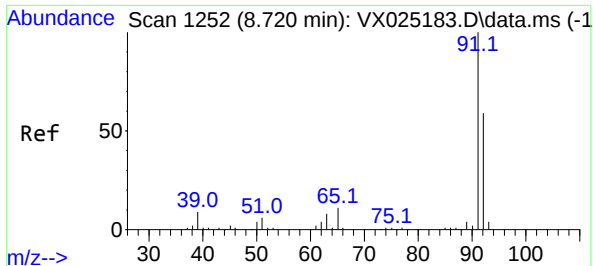
Tgt Ion: 78 Resp: 6050
Ion Ratio Lower Upper
78 100
77 18.1 18.3 27.5#



#50
Toluene-d8
Concen: 50.12 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Tgt Ion: 98 Resp: 201755
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0





#52

Toluene

Concen: 3.81 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025433.D

Acq: 02 Dec 2021 17:06

Instrument :

MSVOA_X

ClientSampleId :

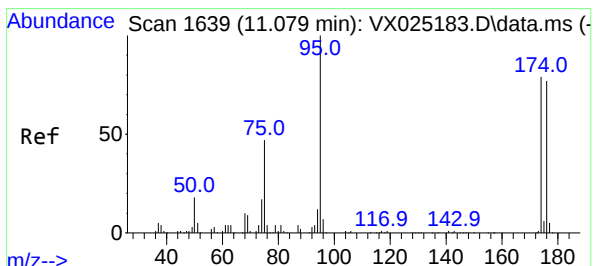
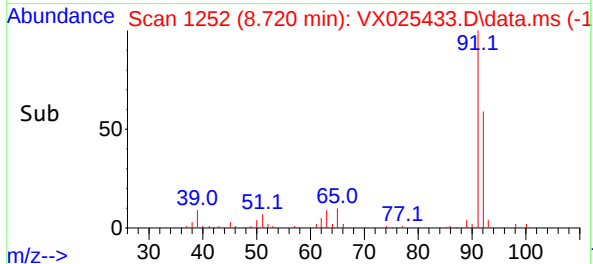
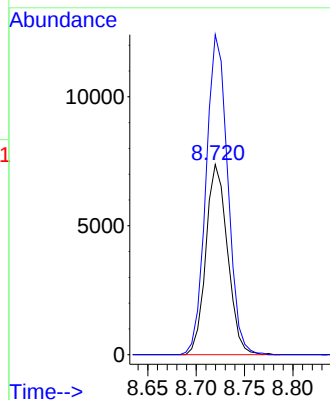
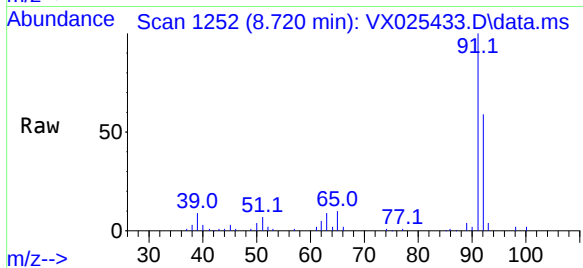
MW-16R

Tgt Ion: 92 Resp: 11467

Ion Ratio Lower Upper

92 100

91 168.9 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 45.38 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025433.D

Acq: 02 Dec 2021 17:06

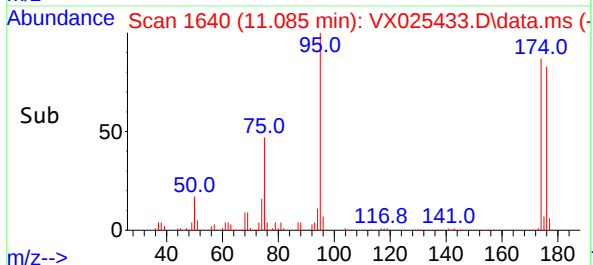
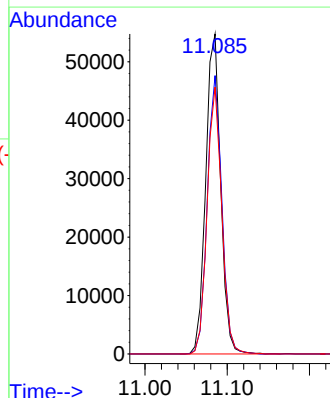
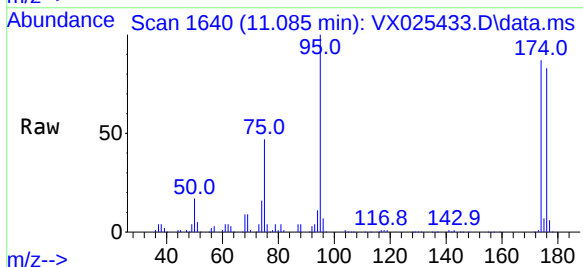
Tgt Ion: 95 Resp: 69106

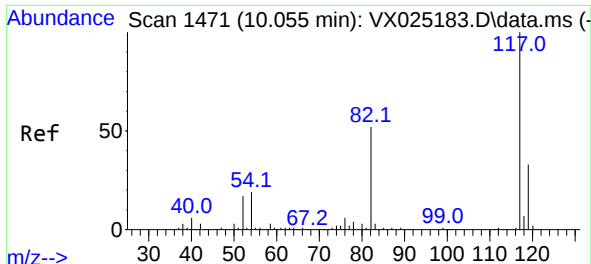
Ion Ratio Lower Upper

95 100

174 84.9 0.0 158.0

176 81.8 0.0 153.6

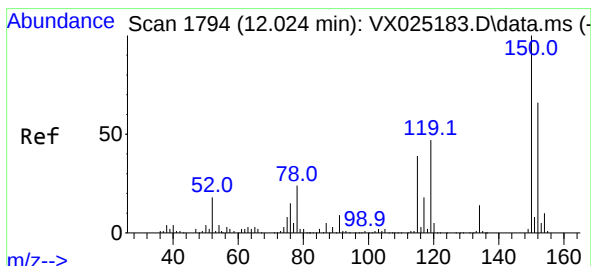
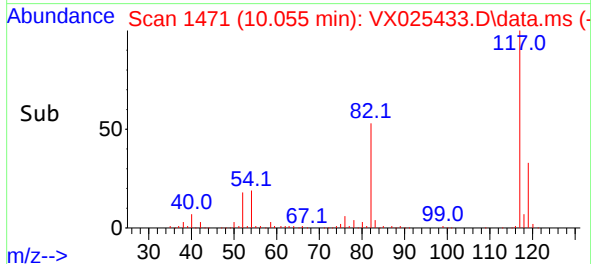
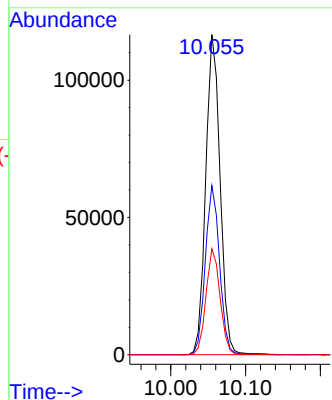
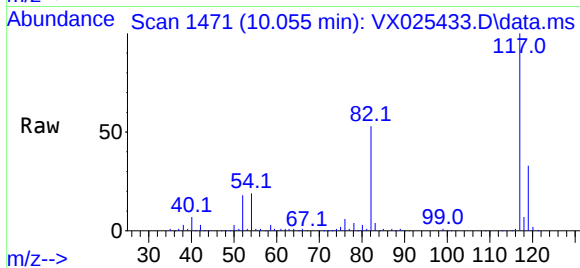




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Instrument :
MSVOA_X
ClientSampleId :
MW-16R

Tgt Ion:117 Resp: 155687
Ion Ratio Lower Upper
117 100
82 52.8 44.6 67.0
119 33.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025433.D
Acq: 02 Dec 2021 17:06

Tgt Ion:152 Resp: 68009
Ion Ratio Lower Upper
152 100
115 57.7 43.3 129.8
150 156.2 0.0 351.2

