

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024558.D
 Acq On : 05 Oct 2021 07:13
 Operator : JC/MD
 Sample : M3989-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Quant Time: Oct 05 08:36:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

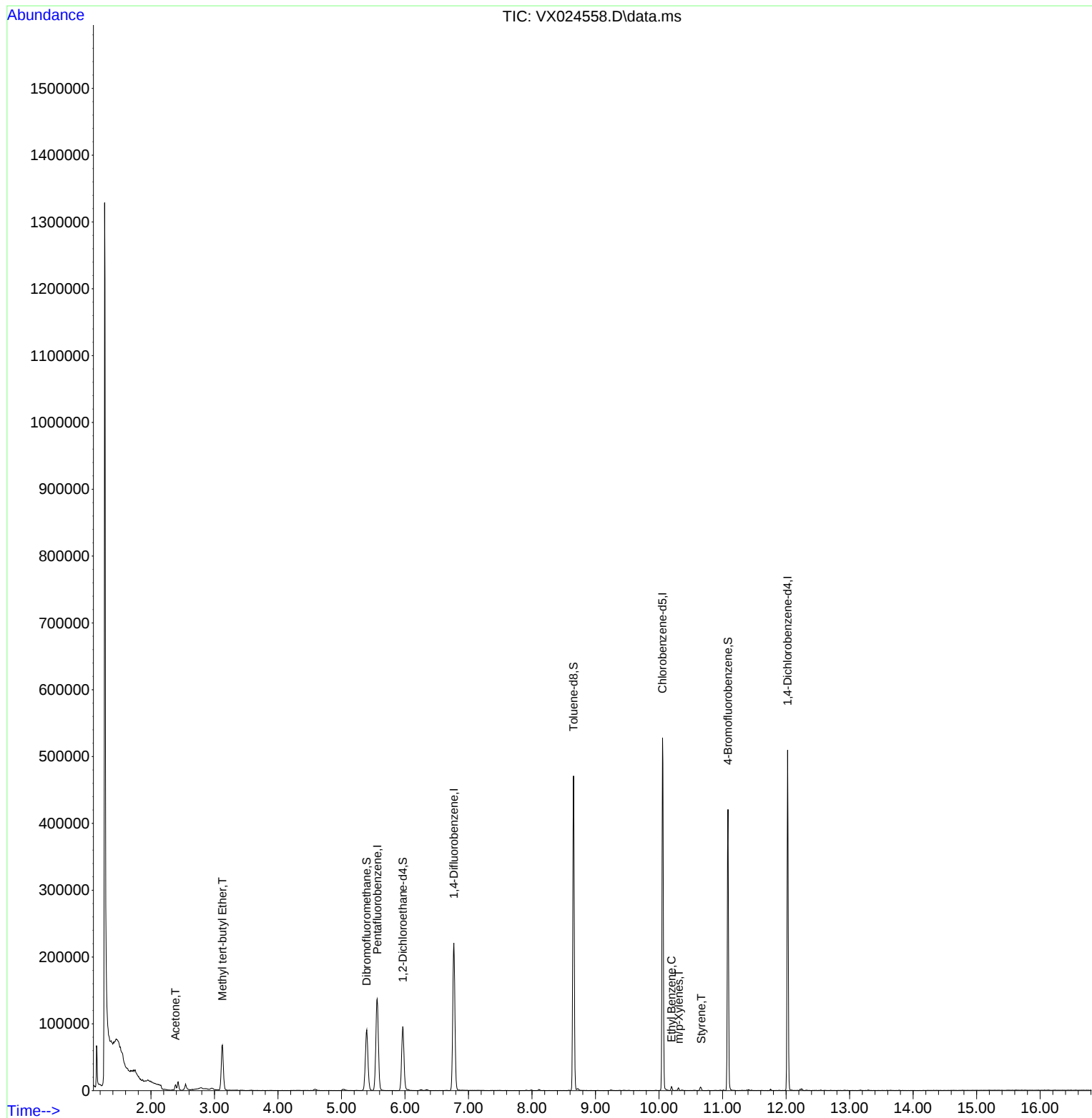
Internal Standards						
1) Pentafluorobenzene	5.562	168	126749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	218083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96344	53.93	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.86%	
35) Dibromofluoromethane	5.397	113	75542	52.14	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.28%	
50) Toluene-d8	8.653	98	268487	50.35	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.70%	
62) 4-Bromofluorobenzene	11.085	95	112491	53.66	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.32%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	8884	1.72	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	71296	16.28	ug/l	99
67) Ethyl Benzene	10.195	91	3257	0.36	ug/l	91
68) m/p-Xylenes	10.311	106	977	0.28	ug/l	96
70) Styrene	10.665	104	1778	0.31	ug/l	95

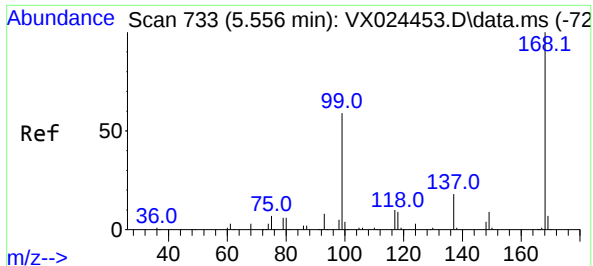
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

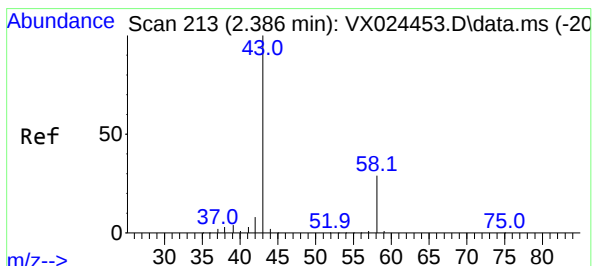
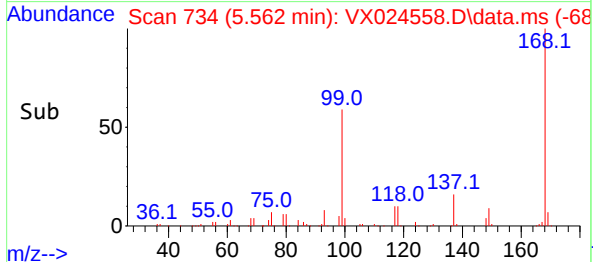
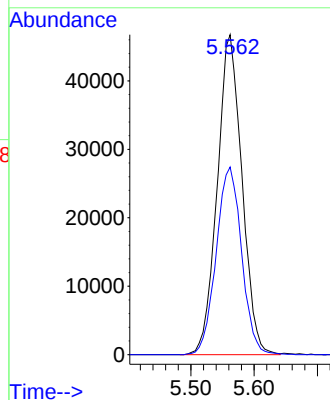
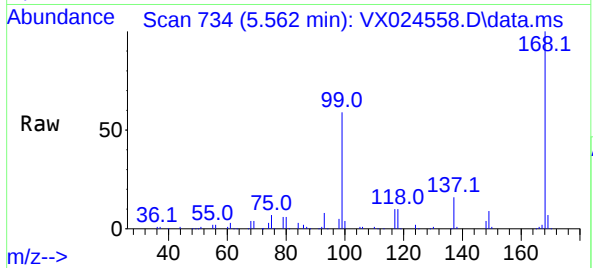




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024558.D
Acq: 05 Oct 2021 07:13

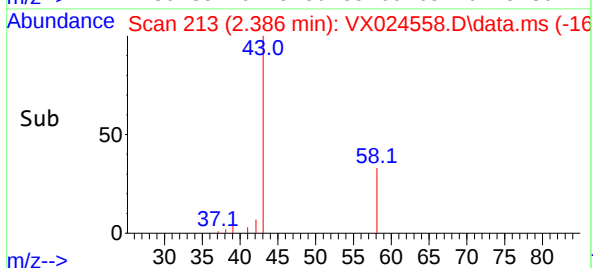
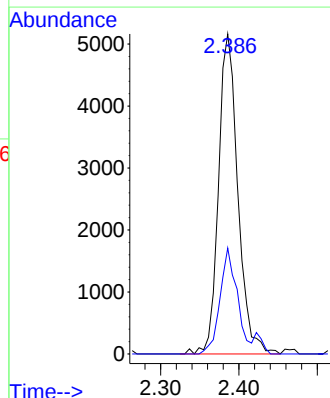
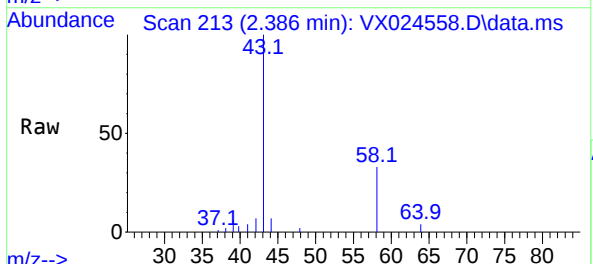
Instrument :
MSVOA_X
ClientSampled :
MW-8

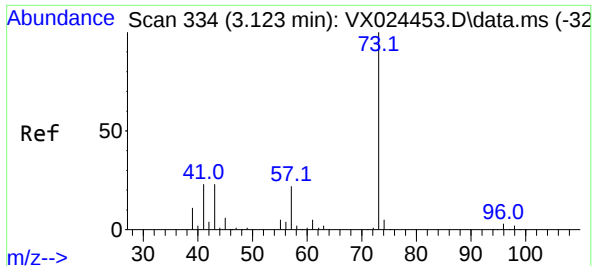
Tgt Ion:168 Resp: 126749
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#16
Acetone
Concen: 1.72 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024558.D
Acq: 05 Oct 2021 07:13

Tgt Ion: 43 Resp: 8884
Ion Ratio Lower Upper
43 100
58 33.1 27.8 41.8



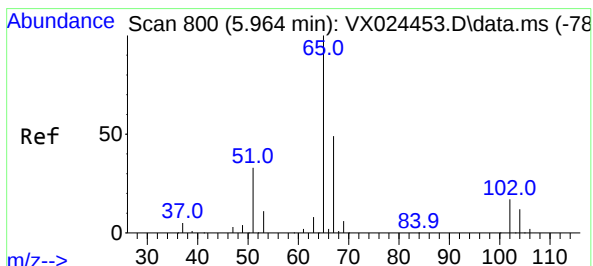
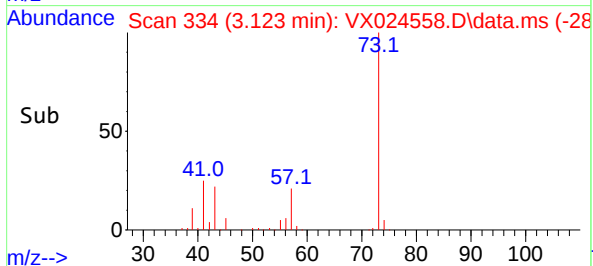
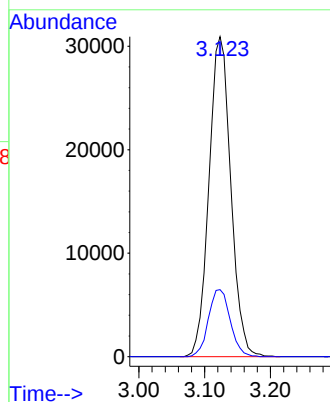
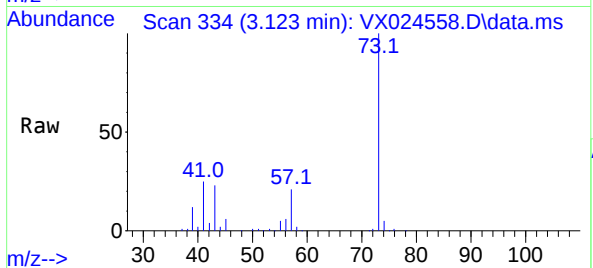


#19

Methyl tert-butyl Ether
Concen: 16.28 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024558.D
Acq: 05 Oct 2021 07:13

Instrument :
MSVOA_X
ClientSampled :
MW-8

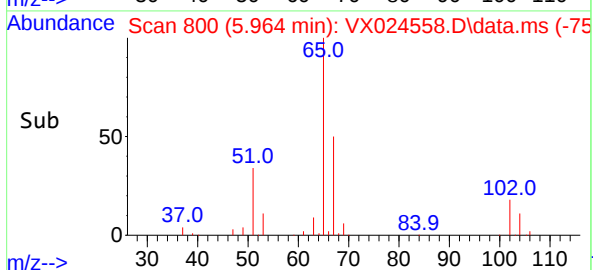
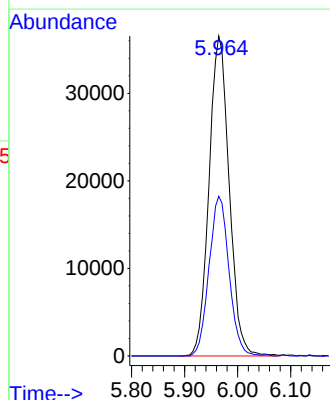
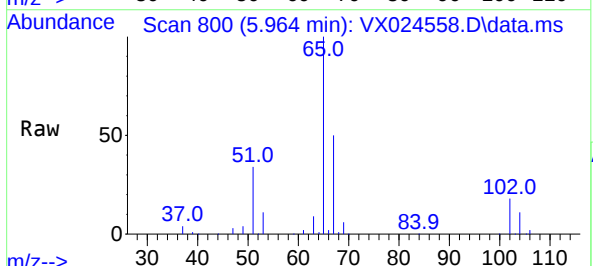
Tgt Ion: 73 Resp: 71296
Ion Ratio Lower Upper
73 100
57 21.0 17.1 25.7

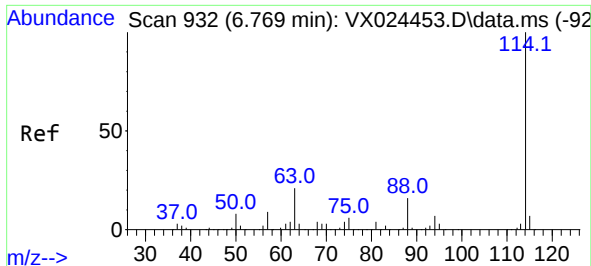


#33

1,2-Dichloroethane-d4
Concen: 53.93 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024558.D
Acq: 05 Oct 2021 07:13

Tgt Ion: 65 Resp: 96344
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4

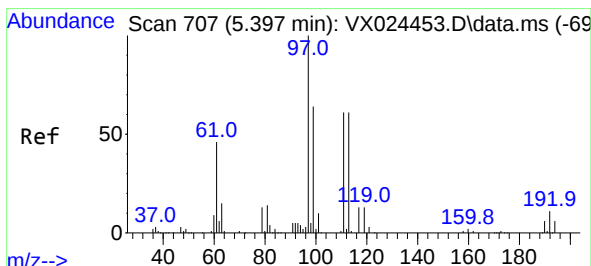
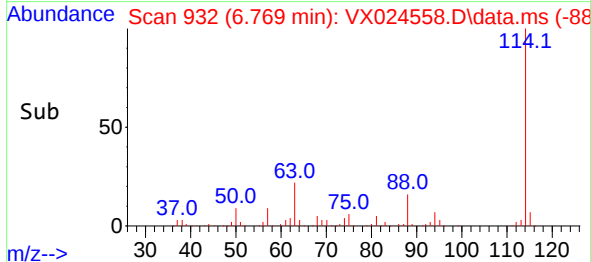
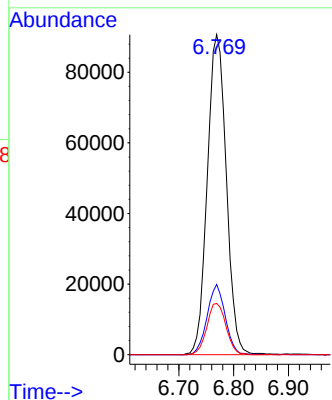
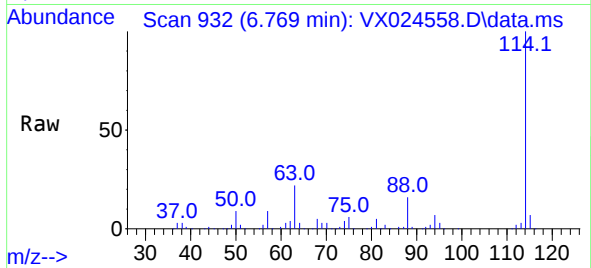




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024558.D
Acq: 05 Oct 2021 07:13

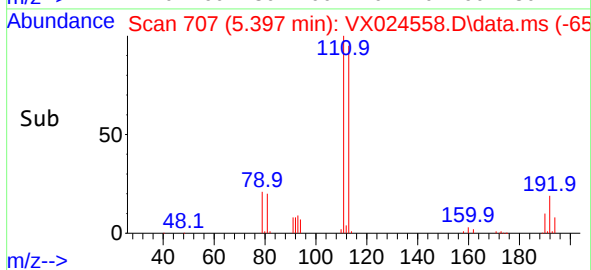
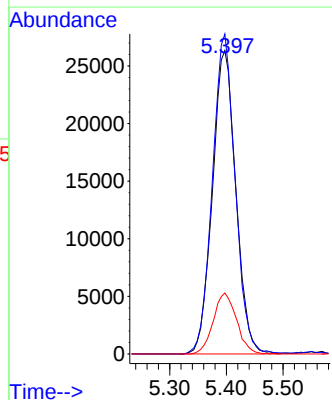
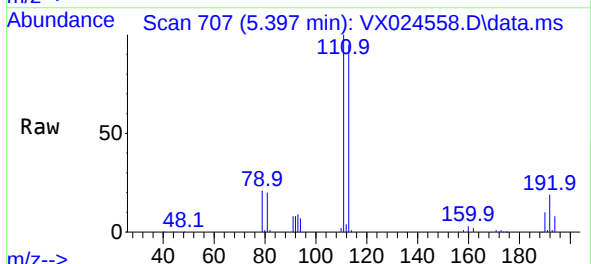
Instrument :
MSVOA_X
ClientSampleId :
MW-8

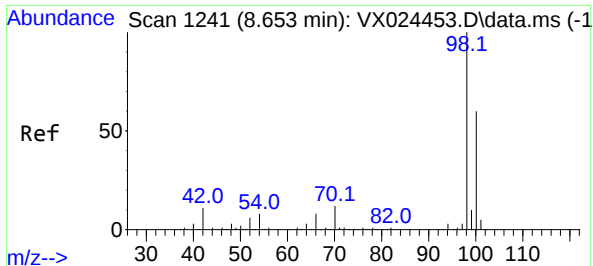
Tgt Ion:114 Resp: 218083
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.14 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024558.D
Acq: 05 Oct 2021 07:13

Tgt Ion:113 Resp: 75542
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.9 16.7 25.1

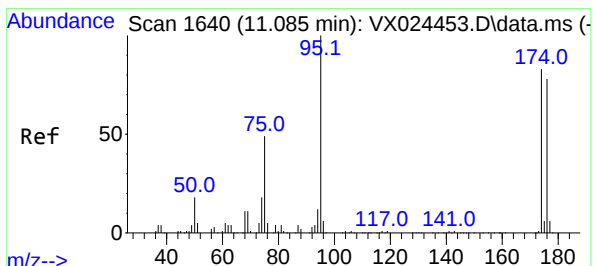
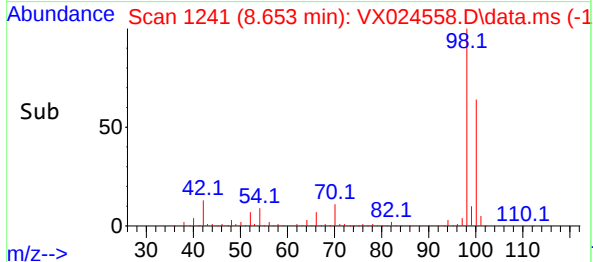
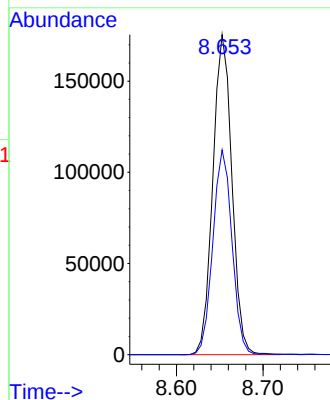
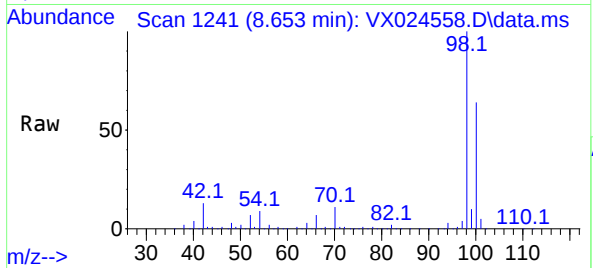




#50
Toluene-d8
Concen: 50.35 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024558.D
Acq: 05 Oct 2021 07:13

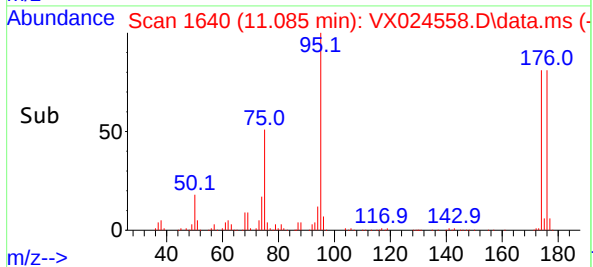
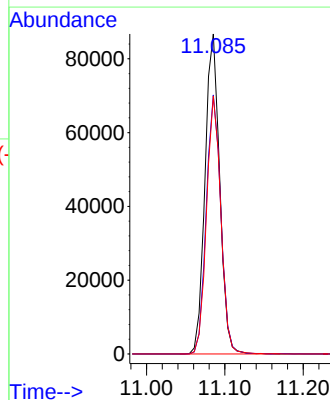
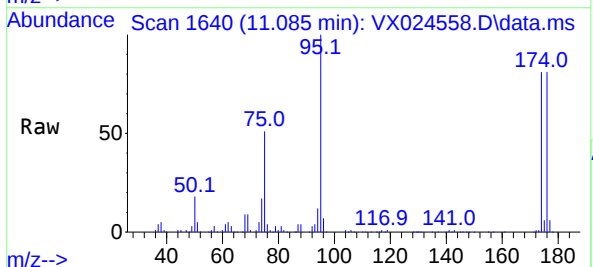
Instrument :
MSVOA_X
ClientSampled :
MW-8

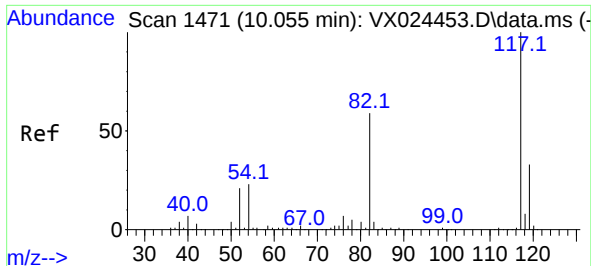
Tgt Ion: 98 Resp: 268487
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.66 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024558.D
Acq: 05 Oct 2021 07:13

Tgt Ion: 95 Resp: 112491
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 78.5 0.0 155.8

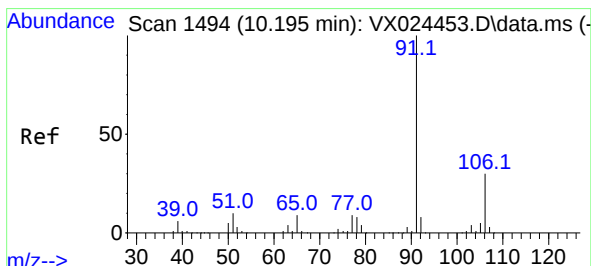
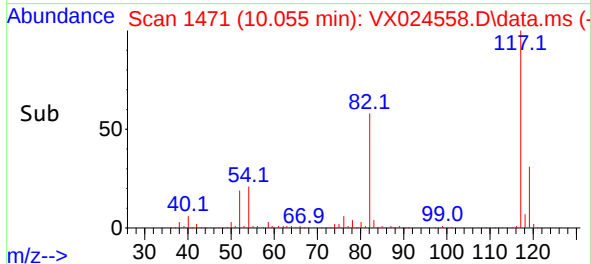
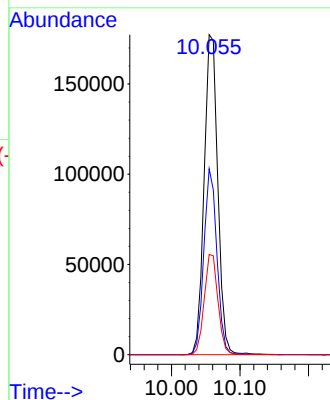
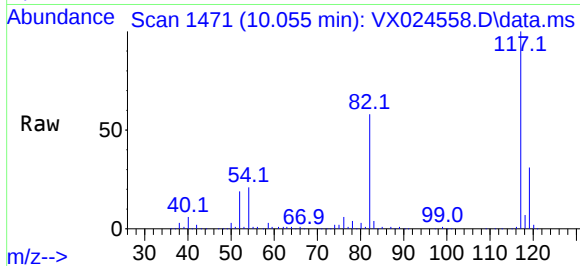




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024558.D
Acq: 05 Oct 2021 07:13

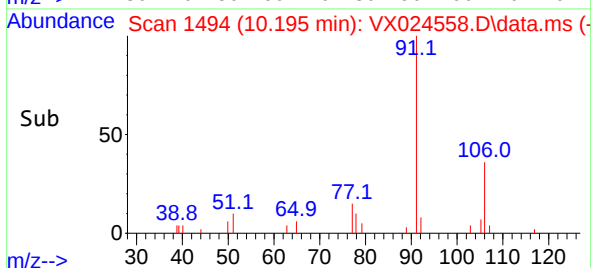
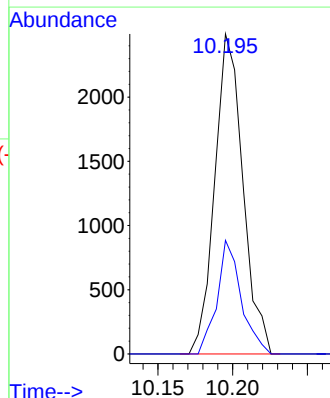
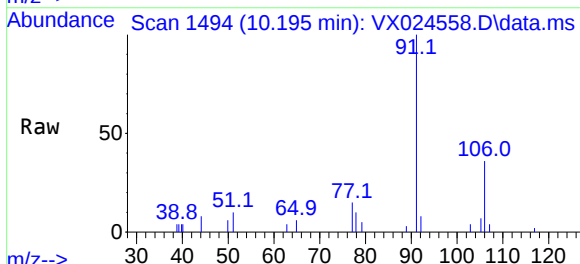
Instrument :
MSVOA_X
ClientSampled :
MW-8

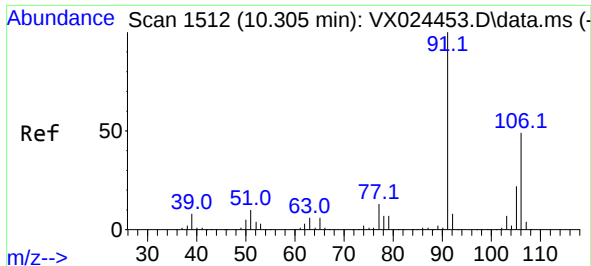
Tgt Ion:117 Resp: 246421
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.3 26.6 39.8



#67
Ethyl Benzene
Concen: 0.36 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024558.D
Acq: 05 Oct 2021 07:13

Tgt Ion: 91 Resp: 3257
Ion Ratio Lower Upper
91 100
106 35.5 24.6 37.0

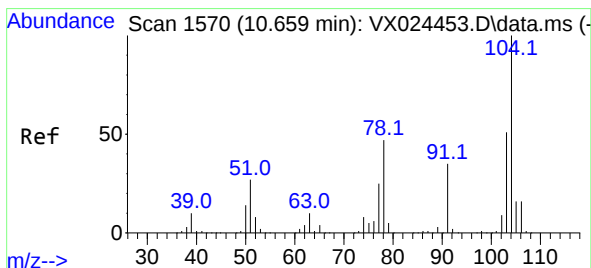
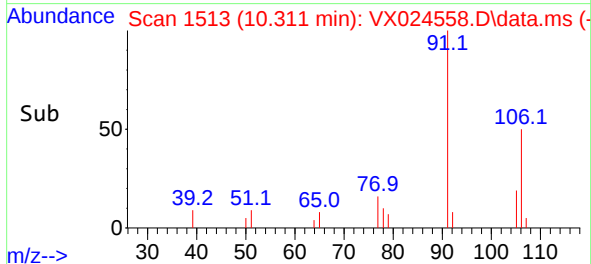
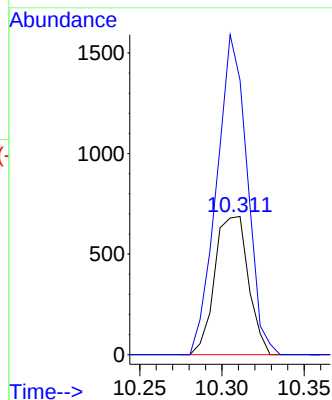
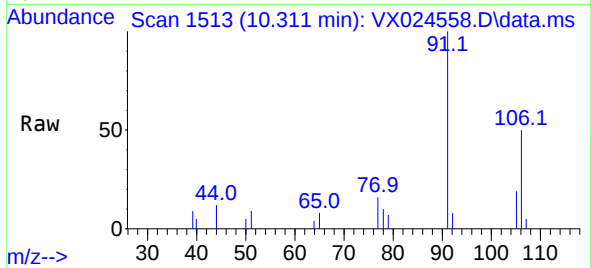




#68
m/p-Xylenes
Concen: 0.28 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX024558.D
Acq: 05 Oct 2021 07:13

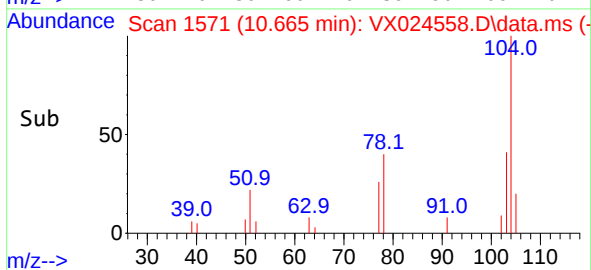
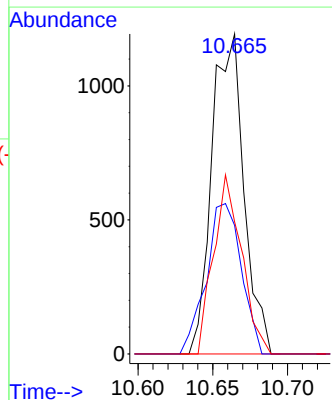
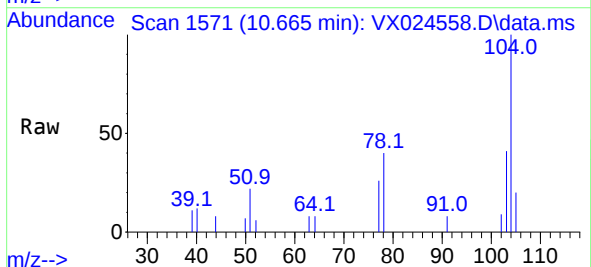
Instrument :
MSVOA_X
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MW-8

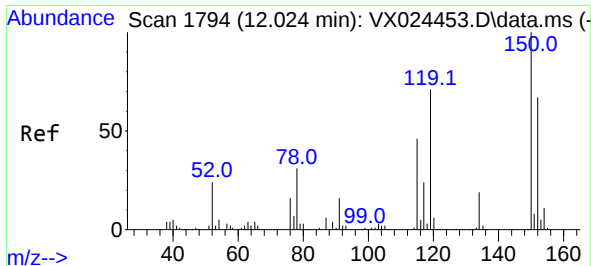
Tgt Ion:106 Resp: 977
Ion Ratio Lower Upper
106 100
91 209.9 162.8 244.2



#70
Styrene
Concen: 0.31 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX024558.D
Acq: 05 Oct 2021 07:13

Tgt Ion:104 Resp: 1778
Ion Ratio Lower Upper
104 100
78 51.5 40.0 60.0
103 49.0 43.4 65.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024558.D
 Acq: 05 Oct 2021 07:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Tgt Ion:152 Resp: 104212
 Ion Ratio Lower Upper
 152 100
 115 60.2 41.1 123.3
 150 157.4 0.0 349.0

