

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
 Data File : VX023147.D
 Acq On : 06 Jul 2021 15:42
 Operator : JC/MD
 Sample : M2920-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Jul 07 02:52:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

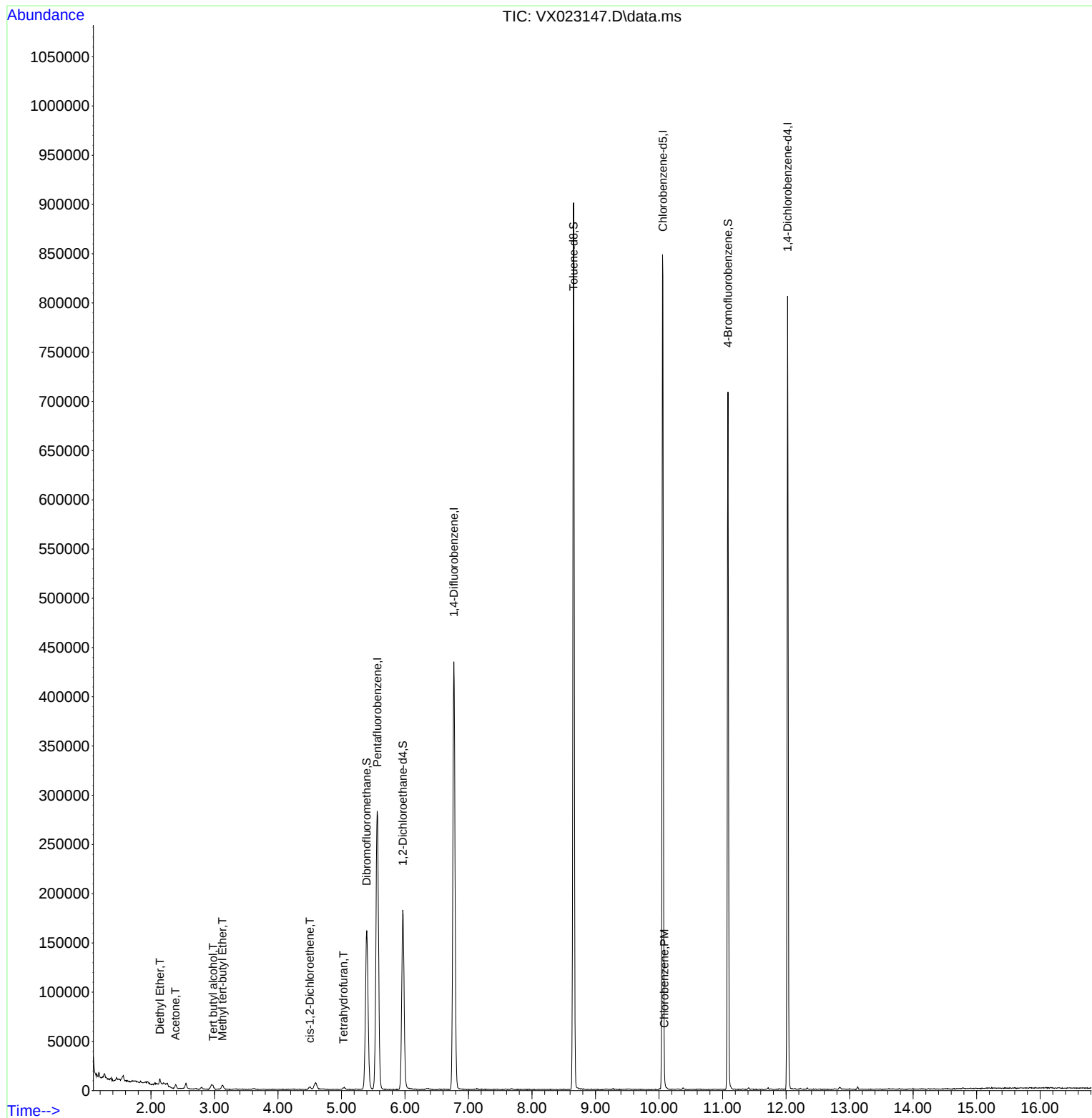
Internal Standards						
1) Pentafluorobenzene	5.562	168	265642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	437268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	384748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	181901	50.949	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.900%		
35) Dibromofluoromethane	5.397	113	138068	48.896	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.800%		
50) Toluene-d8	8.653	98	518279	49.205	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.420%		
62) 4-Bromofluorobenzene	11.085	95	184927	45.477	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.960%		
Target Compounds						
						Qvalue
8) Diethyl Ether	2.142	74	1711	1.057	ug/l	80
11) Tert butyl alcohol	2.977	59	5033	6.701	ug/l #	94
16) Acetone	2.386	43	3745	2.651	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	4417	0.499	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	1448	0.467	ug/l	91
29) Tetrahydrofuran	5.031	42	1784	1.303	ug/l #	86
65) Chlorobenzene	10.085	112	2795	0.367	ug/l	95

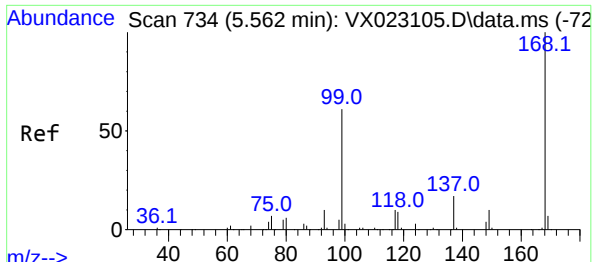
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

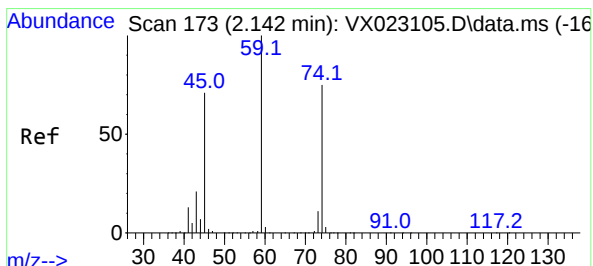
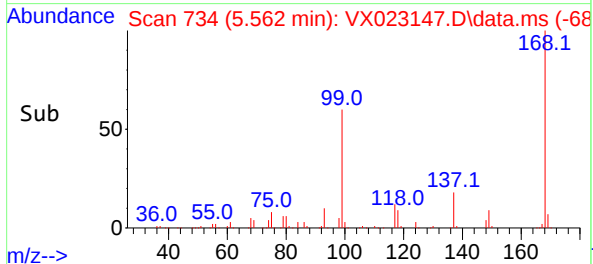
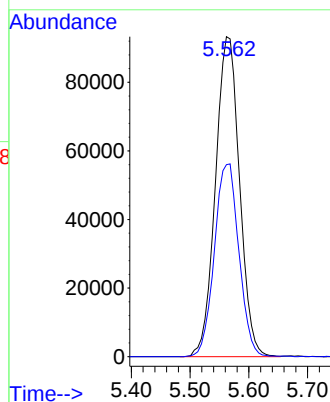
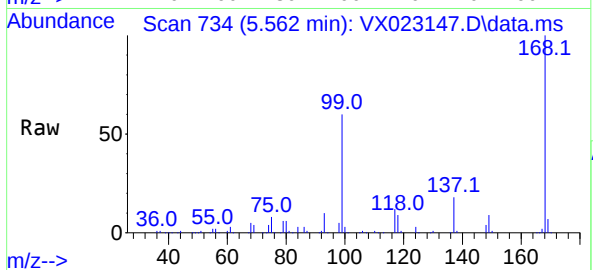




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023147.D
Acq: 06 Jul 2021 15:42

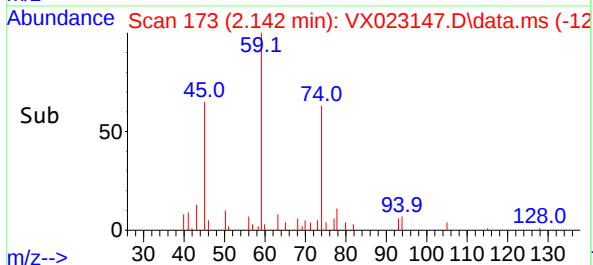
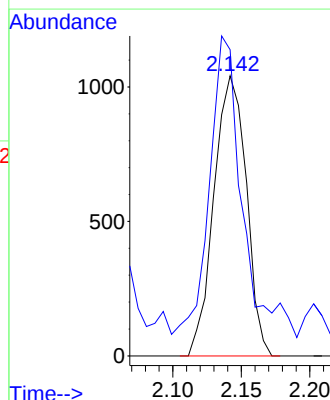
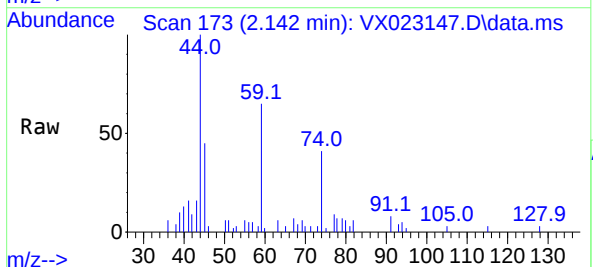
Instrument :
MSVOA_X
ClientSampled :
MW-4

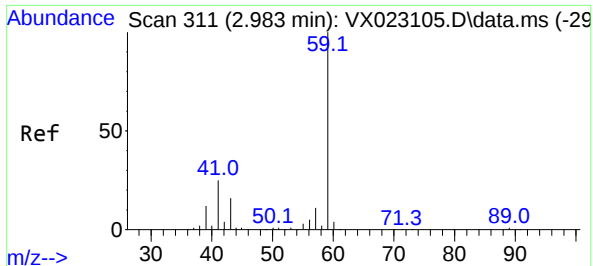
Tgt Ion:168 Resp: 265642
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.6



#8
Diethyl Ether
Concen: 1.057 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.000 min
Lab File: VX023147.D
Acq: 06 Jul 2021 15:42

Tgt Ion: 74 Resp: 1711
Ion Ratio Lower Upper
74 100
45 107.4 44.5 133.5

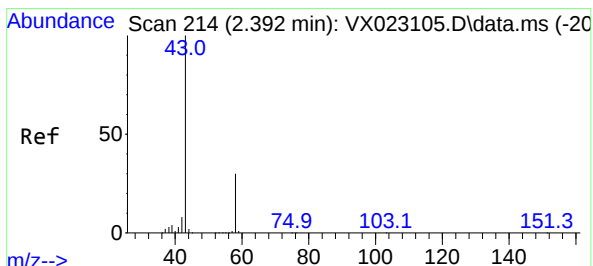
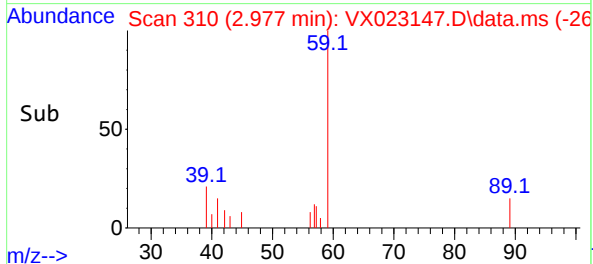
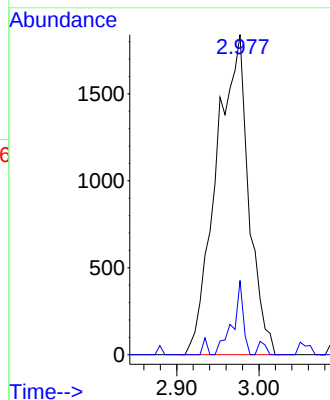
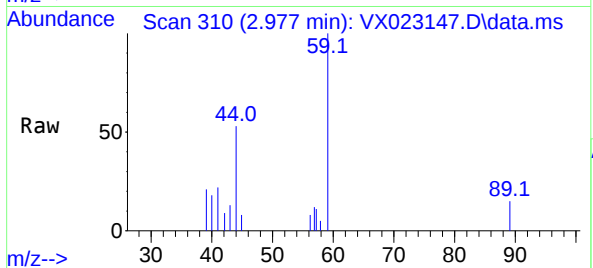




#11
Tert butyl alcohol
Concen: 6.701 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023147.D
Acq: 06 Jul 2021 15:42

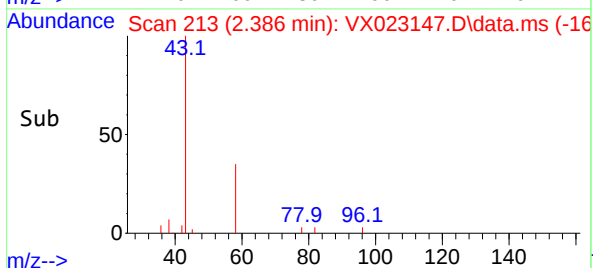
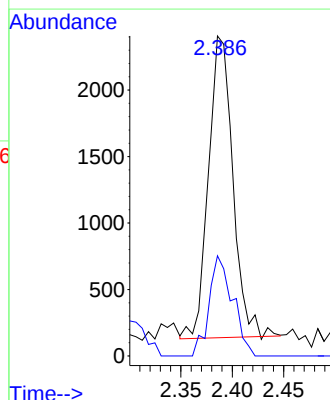
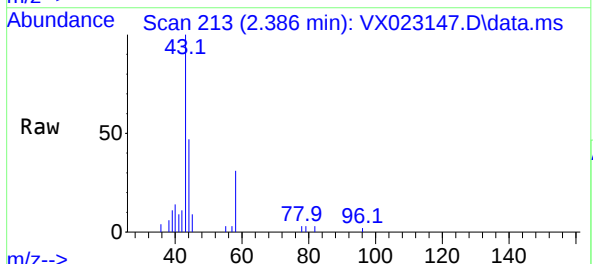
Instrument :
MSVOA_X
ClientSampled :
MW-4

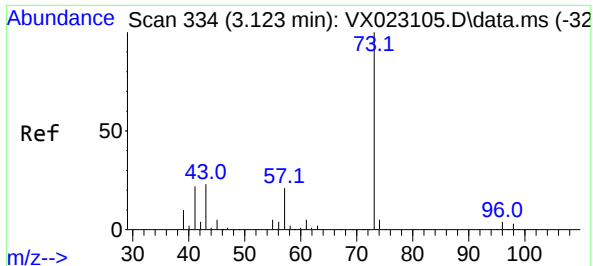
Tgt Ion: 59 Resp: 5033
Ion Ratio Lower Upper
59 100
57 7.4 7.8 11.8#



#16
Acetone
Concen: 2.651 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023147.D
Acq: 06 Jul 2021 15:42

Tgt Ion: 43 Resp: 3745
Ion Ratio Lower Upper
43 100
58 33.4 27.8 41.8



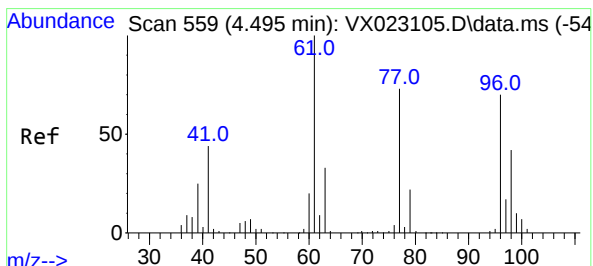
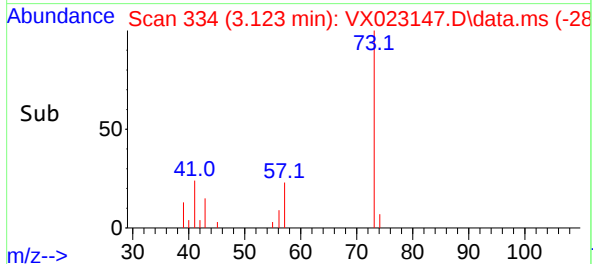
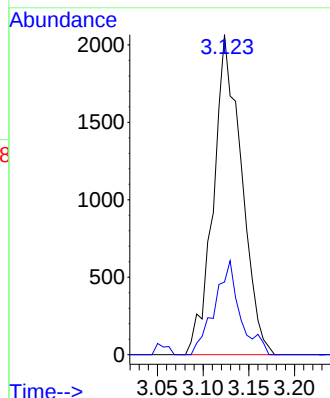
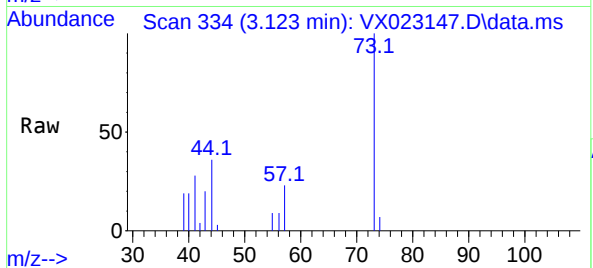


#19

Methyl tert-butyl Ether
Concen: 0.499 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023147.D
Acq: 06 Jul 2021 15:42

Instrument :
MSVOA_X
ClientSampled :
MW-4

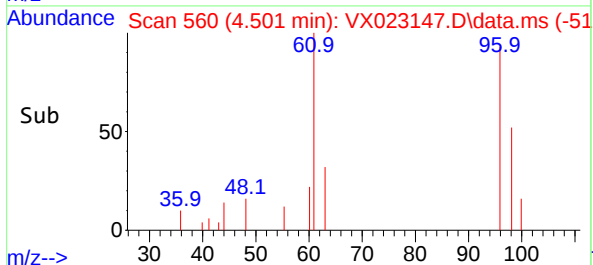
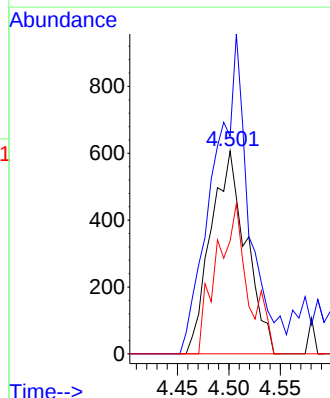
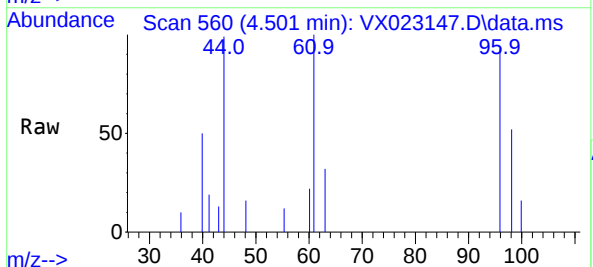
Tgt Ion: 73 Resp: 4417
Ion Ratio Lower Upper
73 100
57 22.7 17.1 25.7

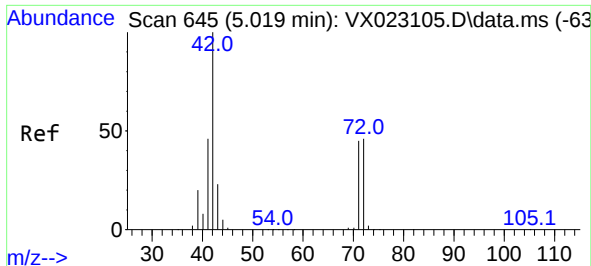


#27

cis-1,2-Dichloroethene
Concen: 0.467 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX023147.D
Acq: 06 Jul 2021 15:42

Tgt Ion: 96 Resp: 1448
Ion Ratio Lower Upper
96 100
61 157.7 0.0 285.6
98 65.7 0.0 129.6

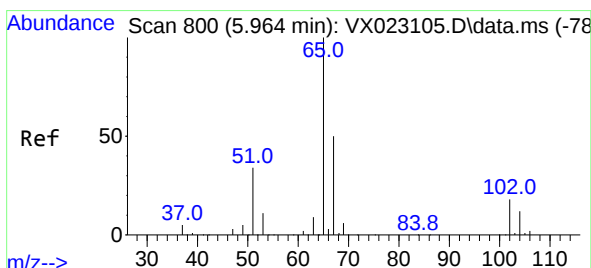
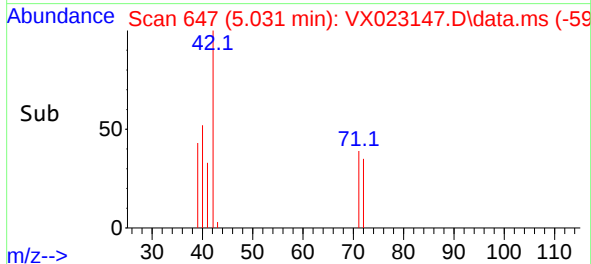
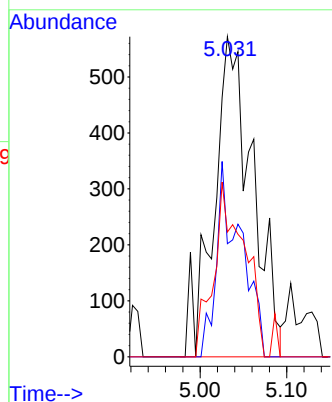
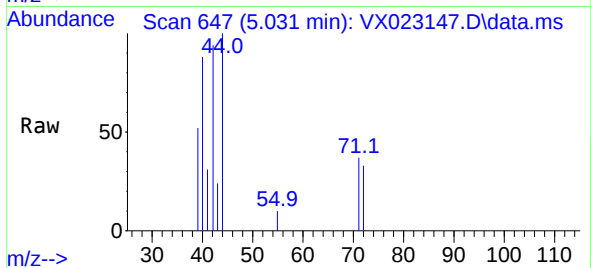




#29
Tetrahydrofuran
Concen: 1.303 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.012 min
Lab File: VX023147.D
Acq: 06 Jul 2021 15:42

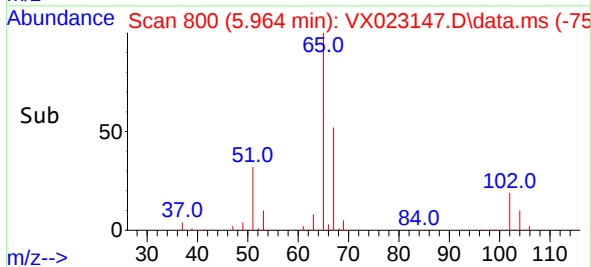
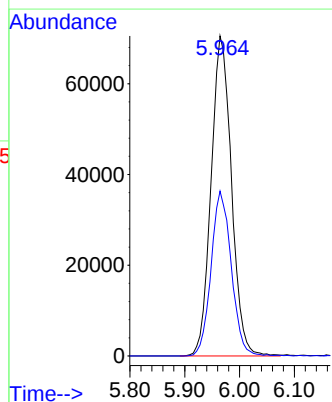
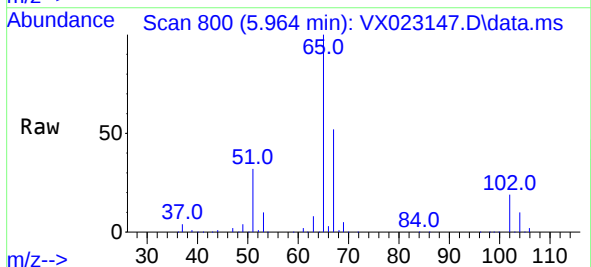
Instrument :
MSVOA_X
ClientSampled :
MW-4

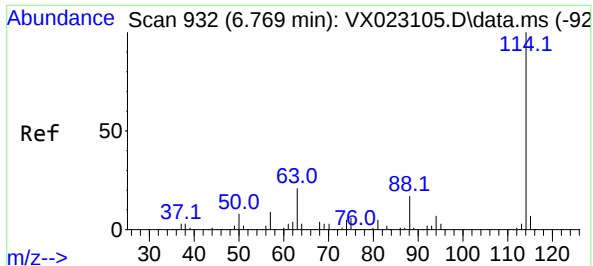
Tgt Ion: 42 Resp: 1784
Ion Ratio Lower Upper
42 100
72 38.3 41.7 62.5#
71 42.8 38.4 57.6



#33
1,2-Dichloroethane-d4
Concen: 50.949 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023147.D
Acq: 06 Jul 2021 15:42

Tgt Ion: 65 Resp: 181901
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

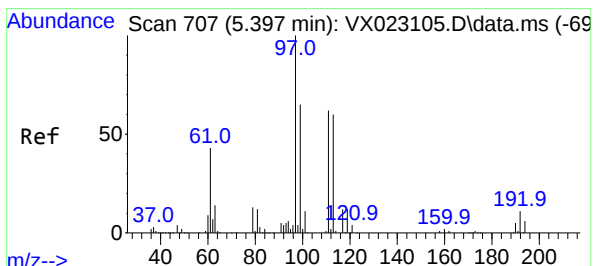
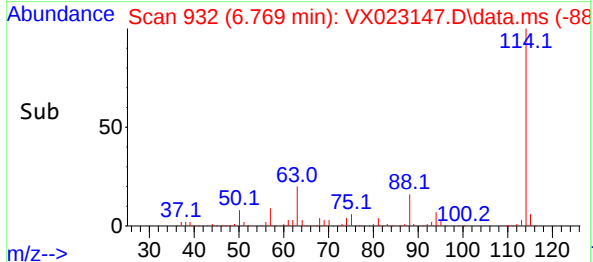
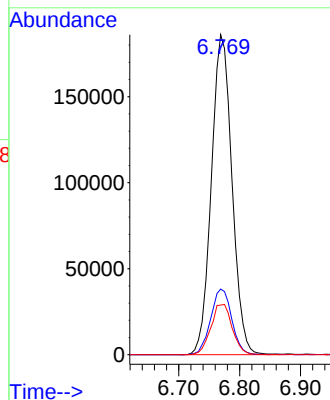
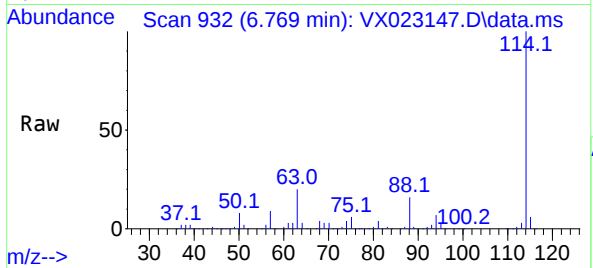




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023147.D
Acq: 06 Jul 2021 15:42

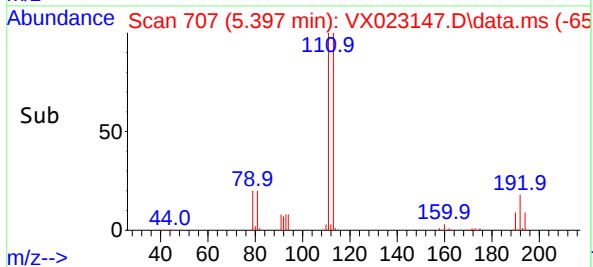
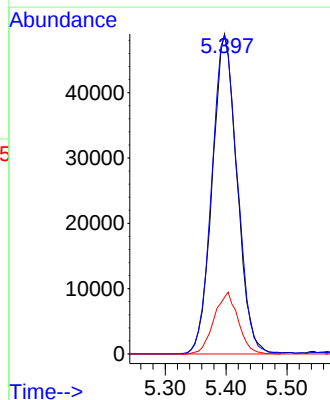
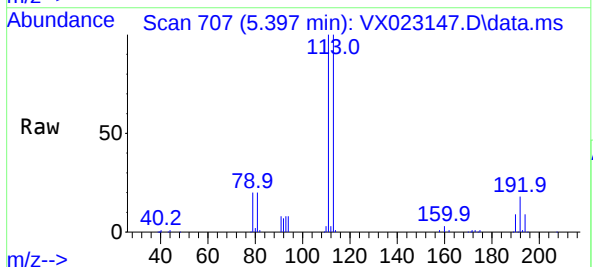
Instrument :
MSVOA_X
ClientSampleId :
MW-4

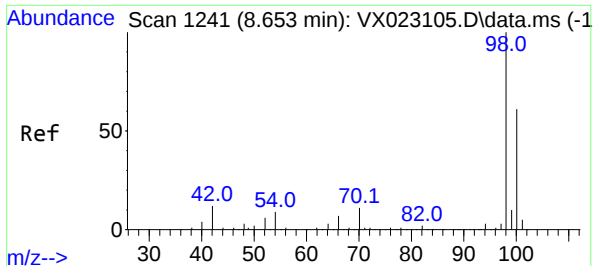
Tgt Ion:114 Resp: 437268
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.896 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023147.D
Acq: 06 Jul 2021 15:42

Tgt Ion:113 Resp: 138068
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 18.8 16.7 25.1

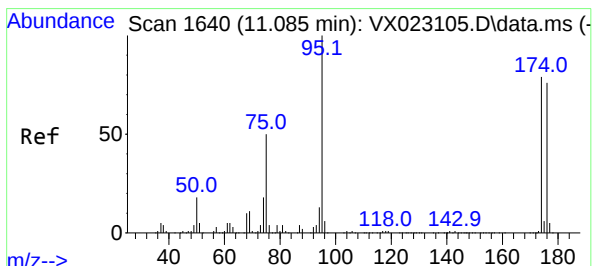
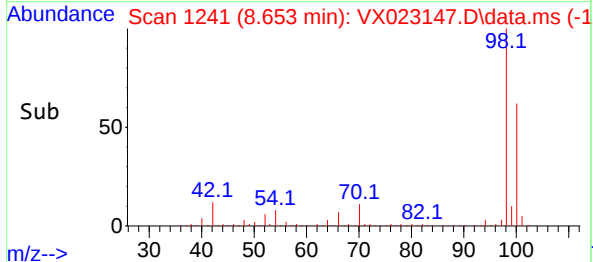
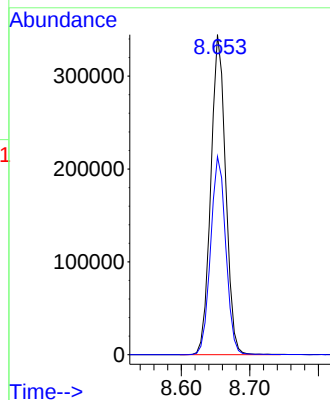
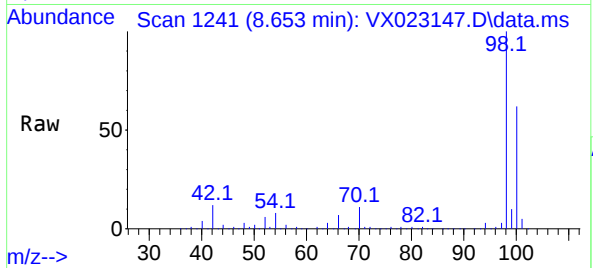




#50
Toluene-d8
Concen: 49.205 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023147.D
Acq: 06 Jul 2021 15:42

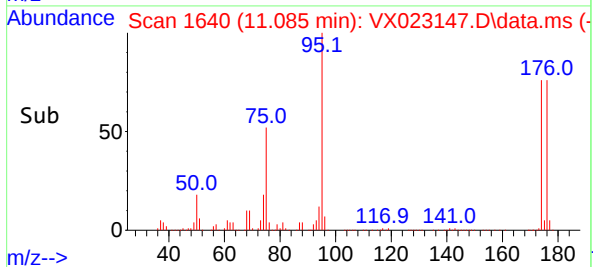
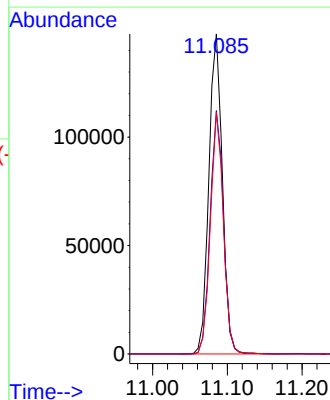
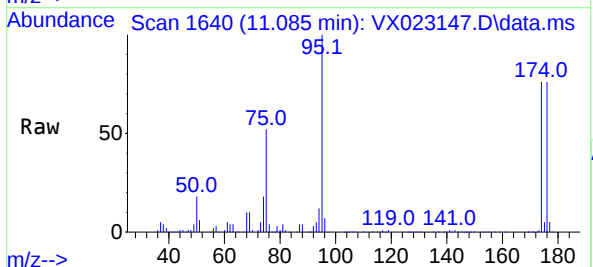
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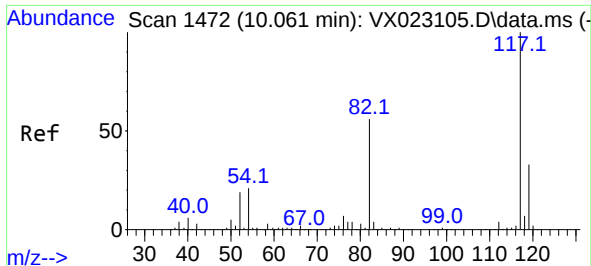
Tgt Ion: 98 Resp: 518279
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.477 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023147.D
Acq: 06 Jul 2021 15:42

Tgt Ion: 95 Resp: 184927
Ion Ratio Lower Upper
95 100
174 75.2 0.0 154.6
176 72.3 0.0 155.8

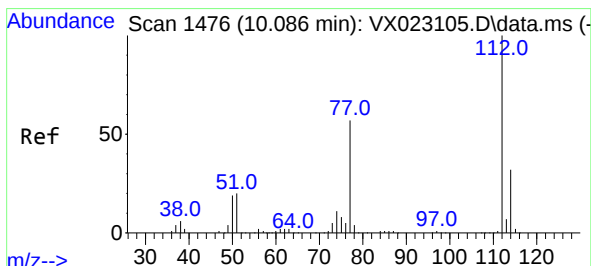
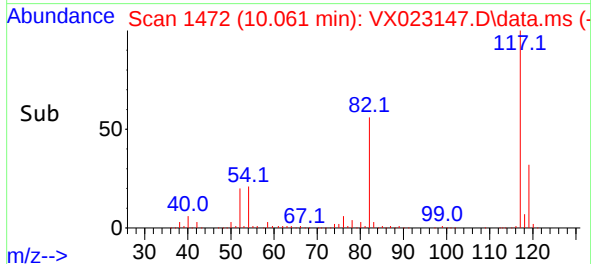
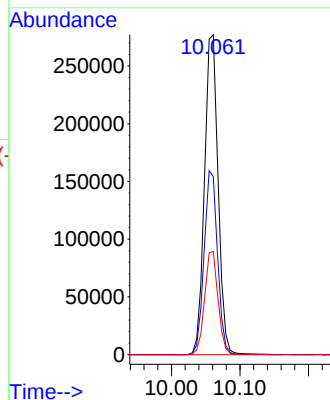
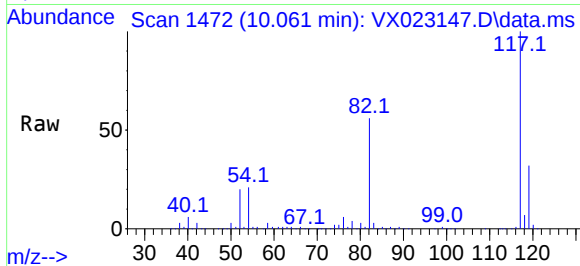




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023147.D
Acq: 06 Jul 2021 15:42

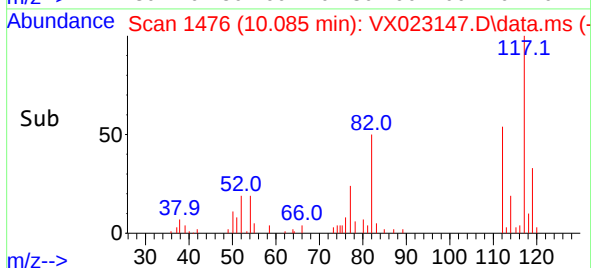
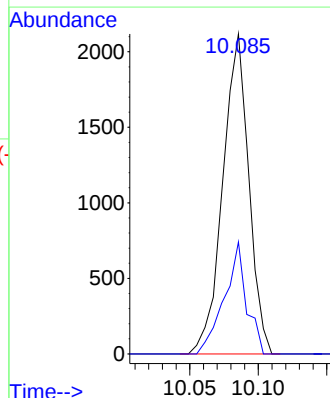
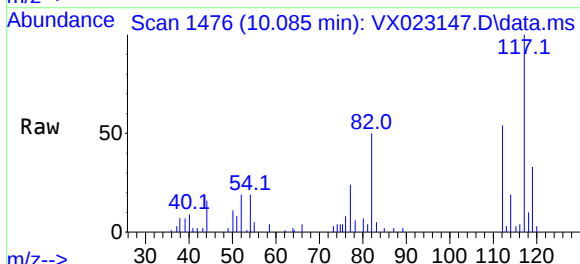
Instrument :
MSVOA_X
ClientSampled :
MW-4

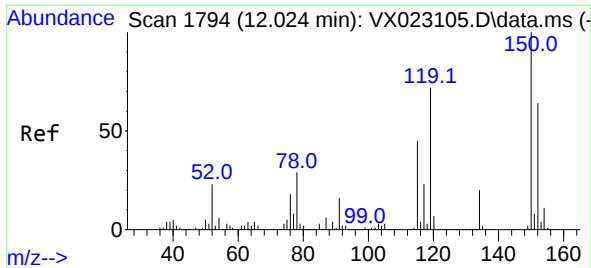
Tgt Ion:117 Resp: 384748
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 32.3 26.6 39.8



#65
Chlorobenzene
Concen: 0.367 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VX023147.D
Acq: 06 Jul 2021 15:42

Tgt Ion:112 Resp: 2795
Ion Ratio Lower Upper
112 100
114 35.0 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023147.D
 Acq: 06 Jul 2021 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Tgt Ion:152 Resp: 157199
 Ion Ratio Lower Upper
 152 100
 115 62.7 41.1 123.3
 150 157.2 0.0 349.0

