

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023041.D
 Acq On : 30 Jun 2021 18:05
 Operator : JC/MD
 Sample : M2892-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

Quant Time: Jul 01 03:27:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

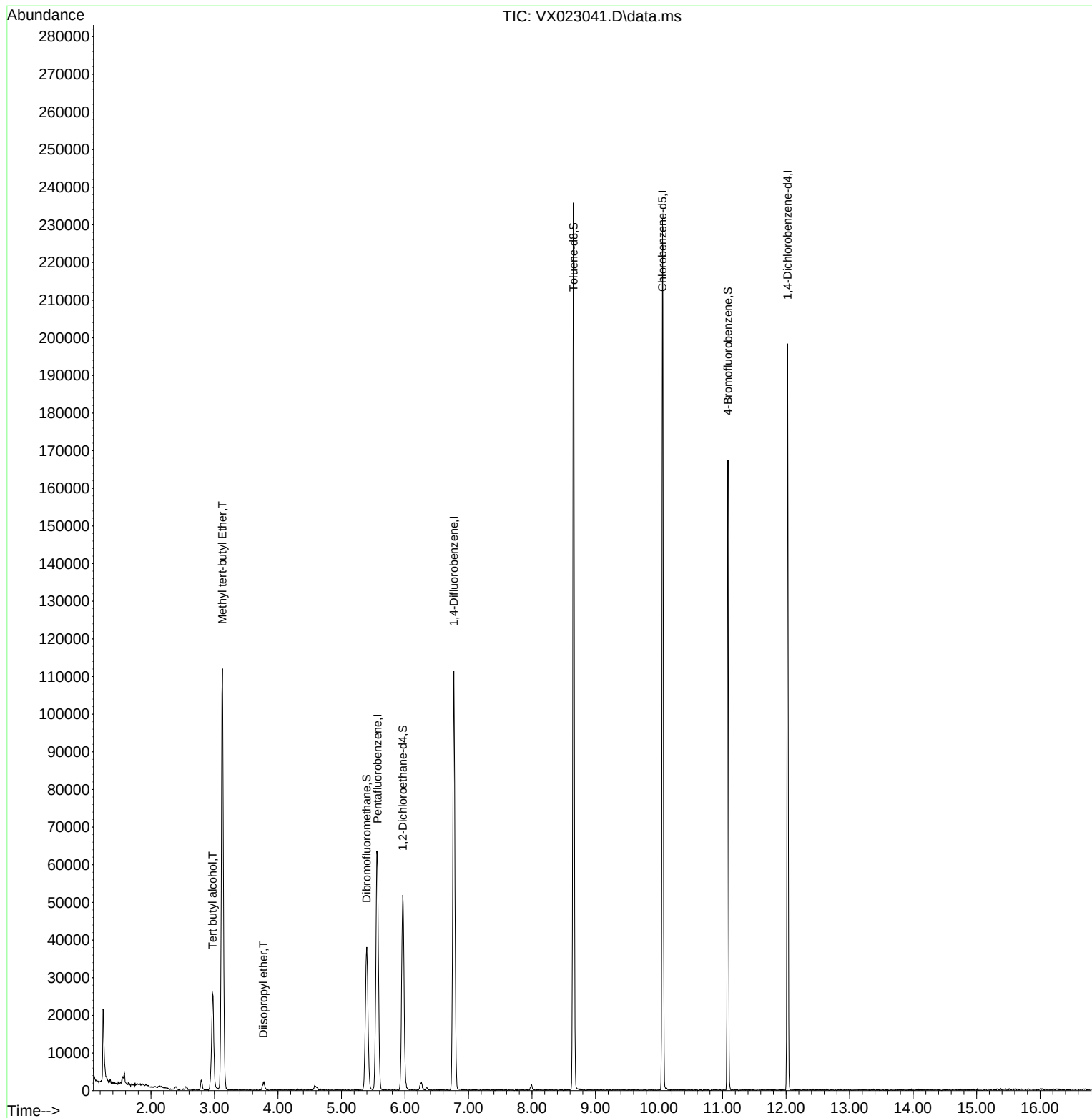
Internal Standards						
1) Pentafluorobenzene	5.568	168	48464	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.769	114	101620	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	32971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50057	56.914	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.820%	
35) Dibromofluoromethane	5.397	113	32626	50.559	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.120%	
50) Toluene-d8	8.653	98	127807	50.535	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	11.085	95	42651	45.187	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.380%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	29413	160.460	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	117047	51.913	ug/l	100
22) Diisopropyl ether	3.770	45	1888	0.760	ug/l	# 94

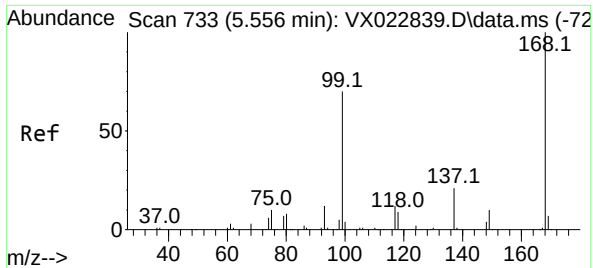
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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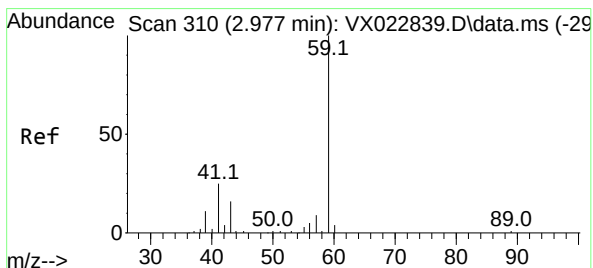
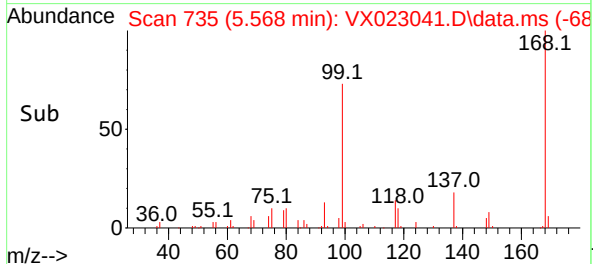
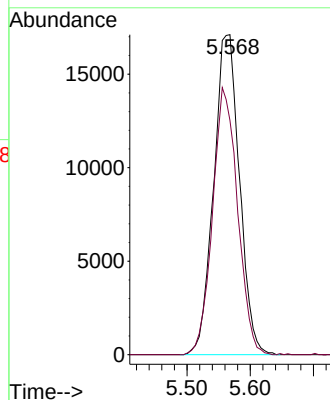
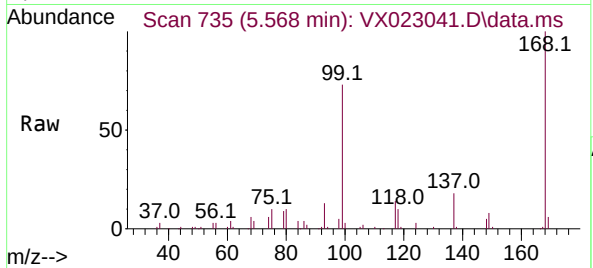




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

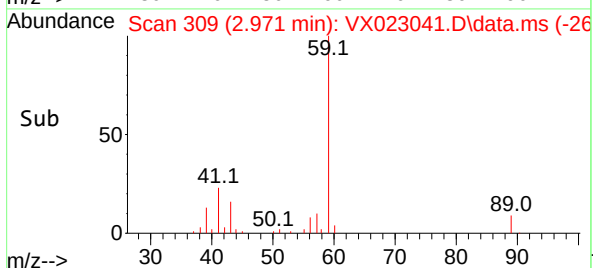
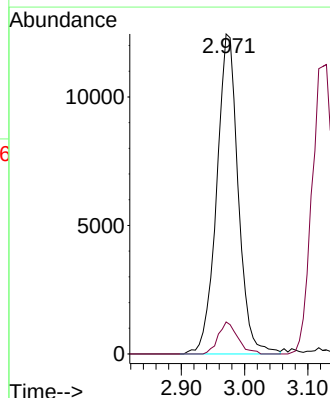
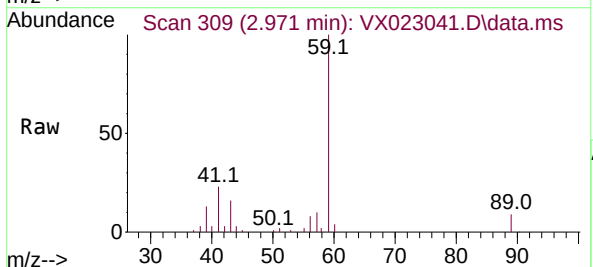
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

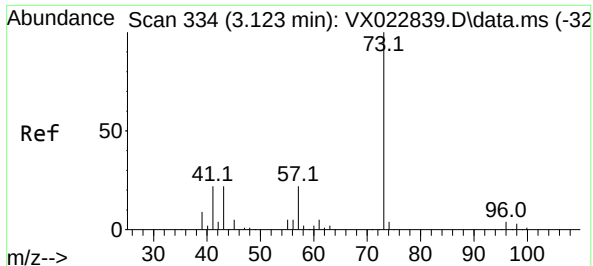
Tgt Ion:168 Resp: 48464
Ion Ratio Lower Upper
168 100
99 73.2 45.8 68.6#



#11
Tert butyl alcohol
Concen: 160.460 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 59 Resp: 29413
Ion Ratio Lower Upper
59 100
57 9.0 7.8 11.8

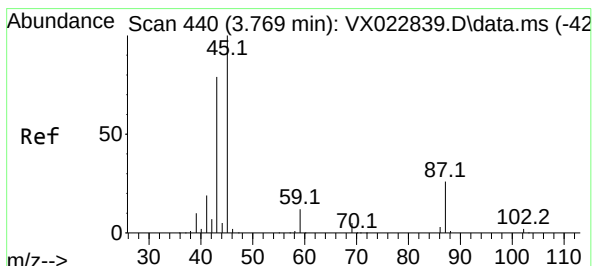
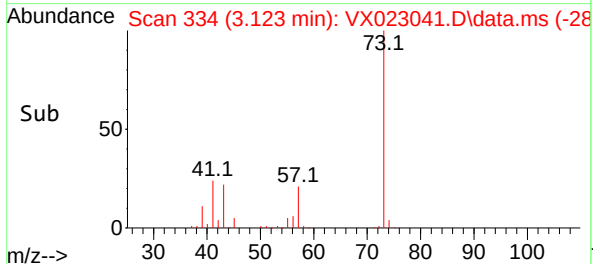
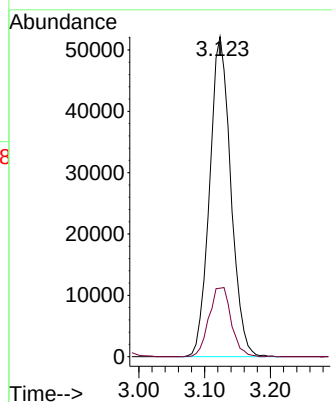
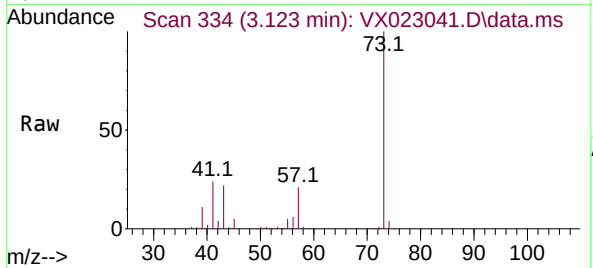




#19
Methyl tert-butyl Ether
Concen: 51.913 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

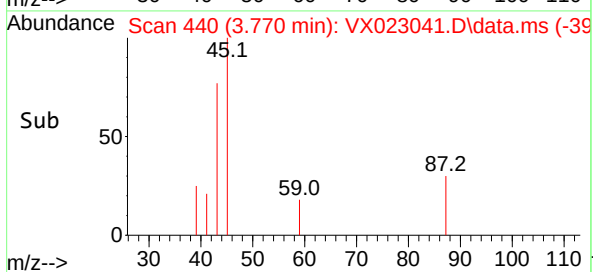
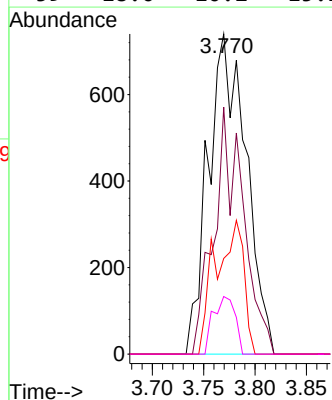
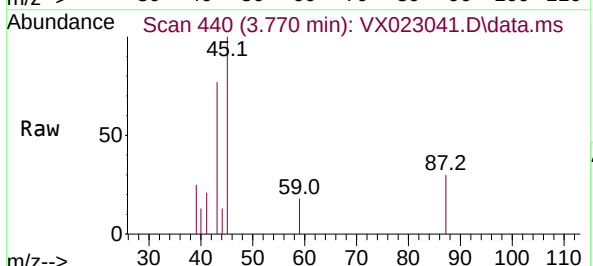
Instrument :
MSVOA_X
ClientSampled :
MW-7DL

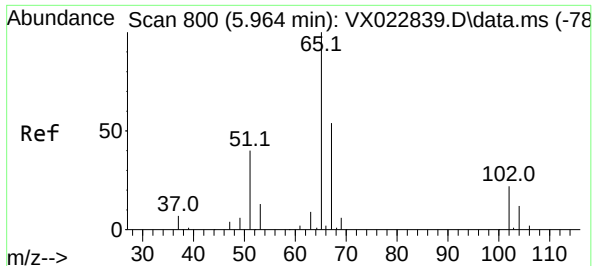
Tgt Ion: 73 Resp: 117047
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#22
Diisopropyl ether
Concen: 0.760 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.001 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 45 Resp: 1888
Ion Ratio Lower Upper
45 100
43 77.2 58.0 87.0
87 29.9 25.4 38.0
59 18.0 10.2 15.2#



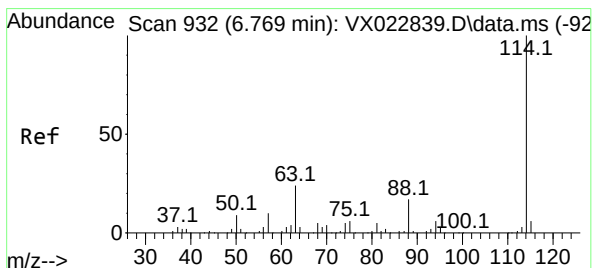
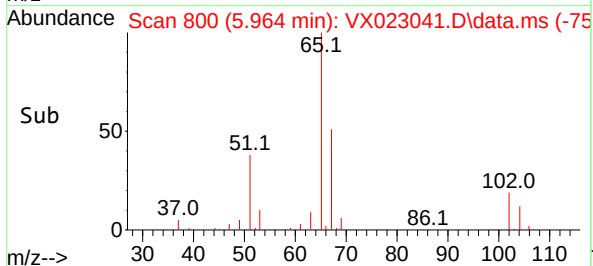
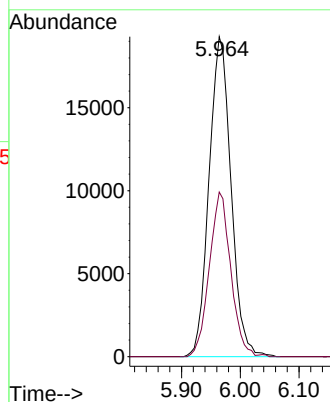
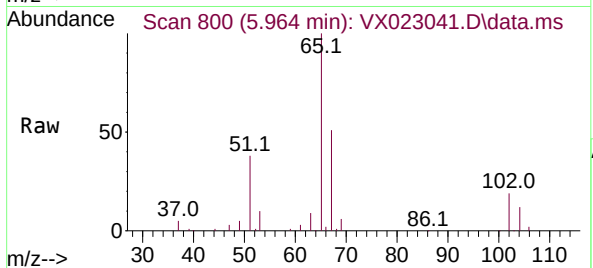


#33

1,2-Dichloroethane-d4
Concen: 56.914 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

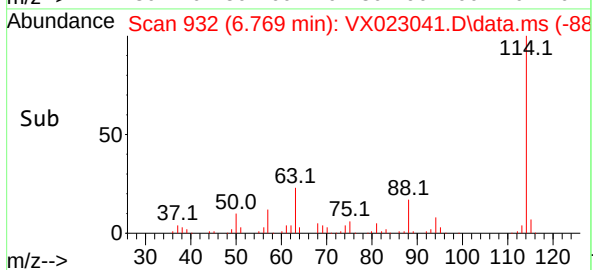
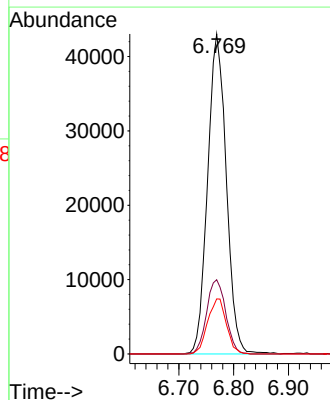
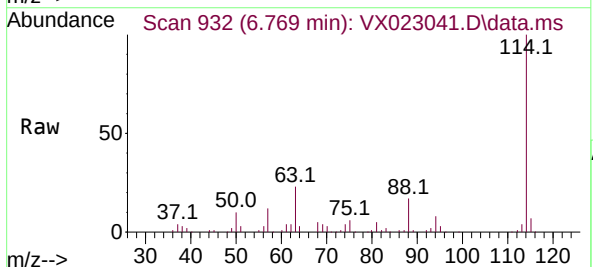
Tgt Ion: 65 Resp: 50057
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

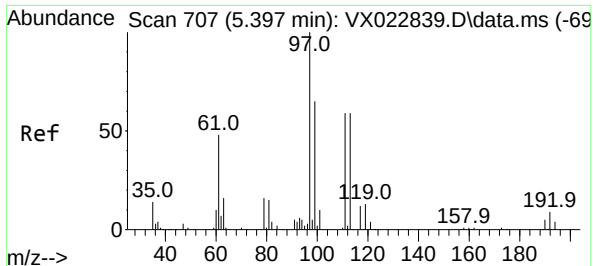


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 114 Resp: 101620
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.8
88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.559 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023041.D

Acq: 30 Jun 2021 18:05

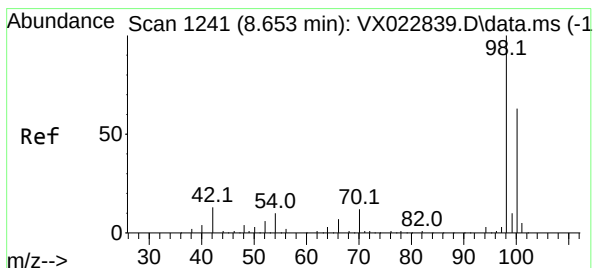
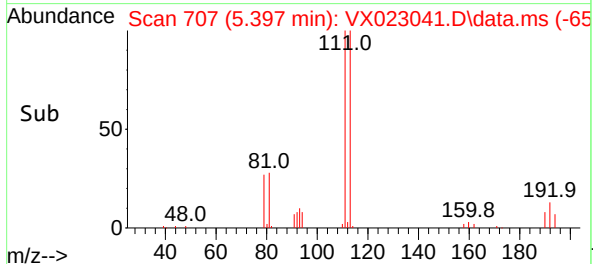
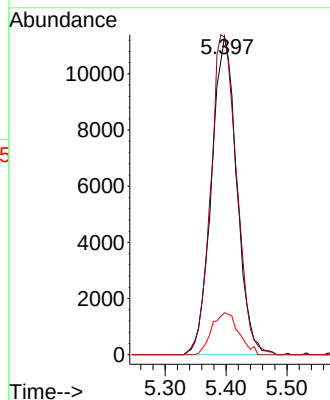
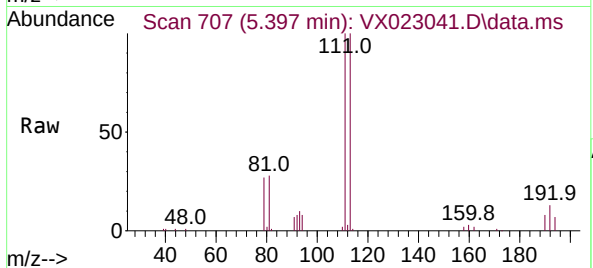
Tgt Ion:113 Resp: 32626

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

192 14.0 16.7 25.1#



#50

Toluene-d8

Concen: 50.535 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023041.D

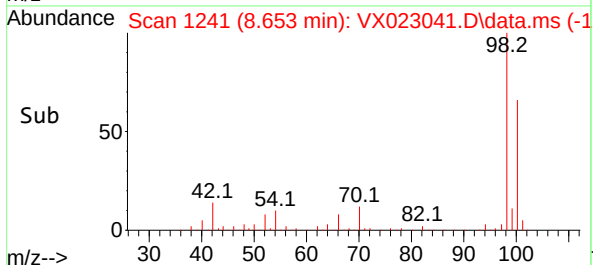
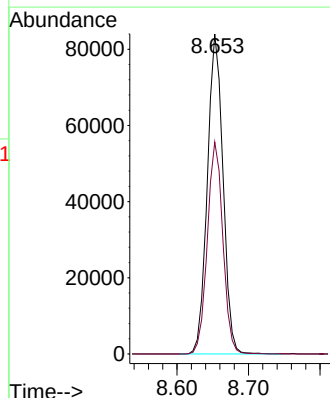
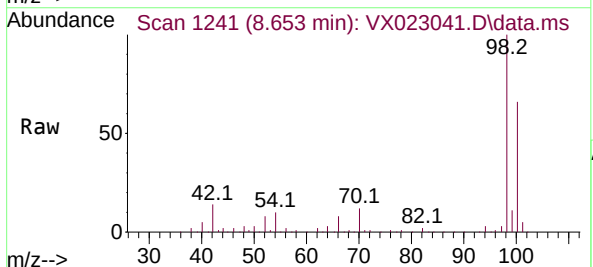
Acq: 30 Jun 2021 18:05

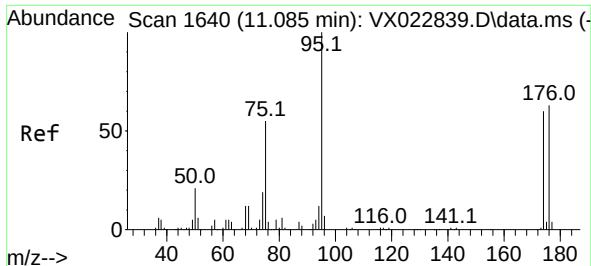
Tgt Ion: 98 Resp: 127807

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9

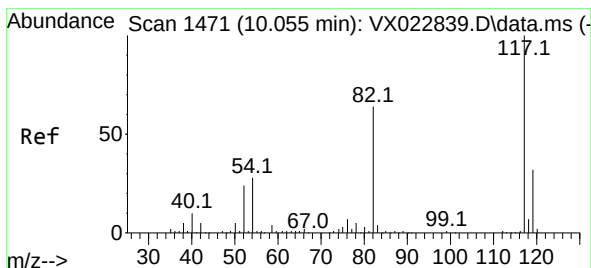
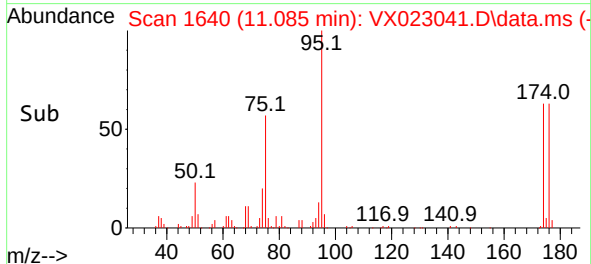
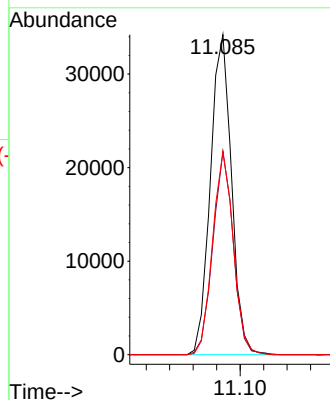
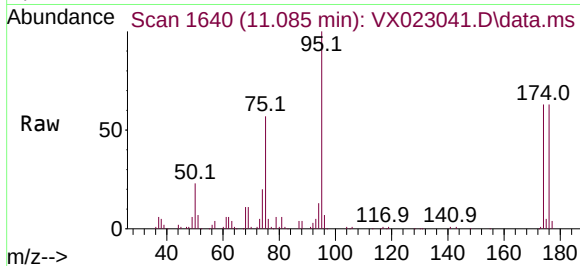




#62
4-Bromofluorobenzene
Concen: 45.187 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

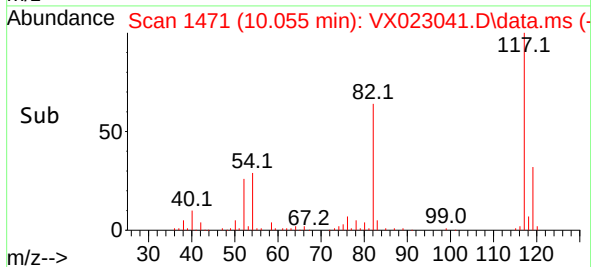
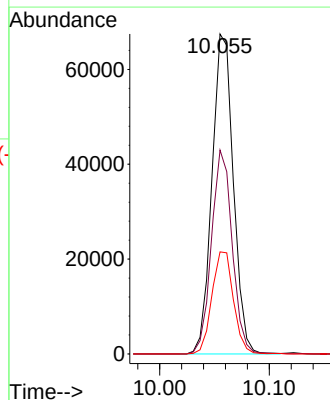
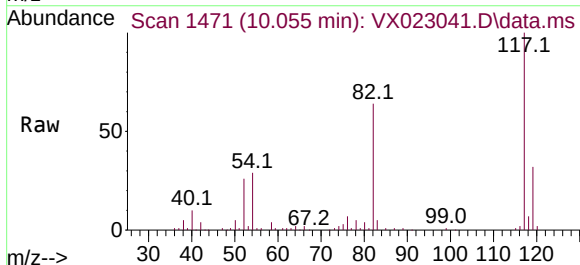
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

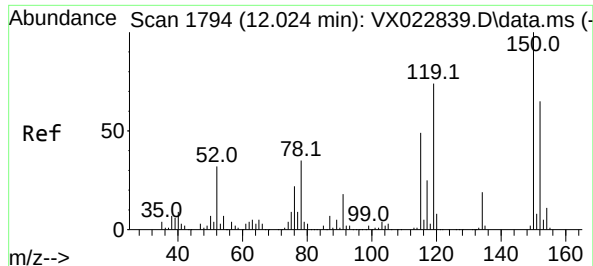
Tgt Ion: 95 Resp: 42651
Ion Ratio Lower Upper
95 100
174 61.4 0.0 154.6
176 62.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023041.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 117 Resp: 91402
Ion Ratio Lower Upper
117 100
82 63.7 47.4 71.2
119 31.9 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023041.D
 Acq: 30 Jun 2021 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

Tgt Ion:152 Resp: 32971
 Ion Ratio Lower Upper
 152 100
 115 70.9 41.1 123.3
 150 166.3 0.0 349.0

