

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023063.D
 Acq On : 01 Jul 2021 03:53
 Operator : JC/MD
 Sample : M2845-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41235

Quant Time: Jul 01 07:04:45 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)

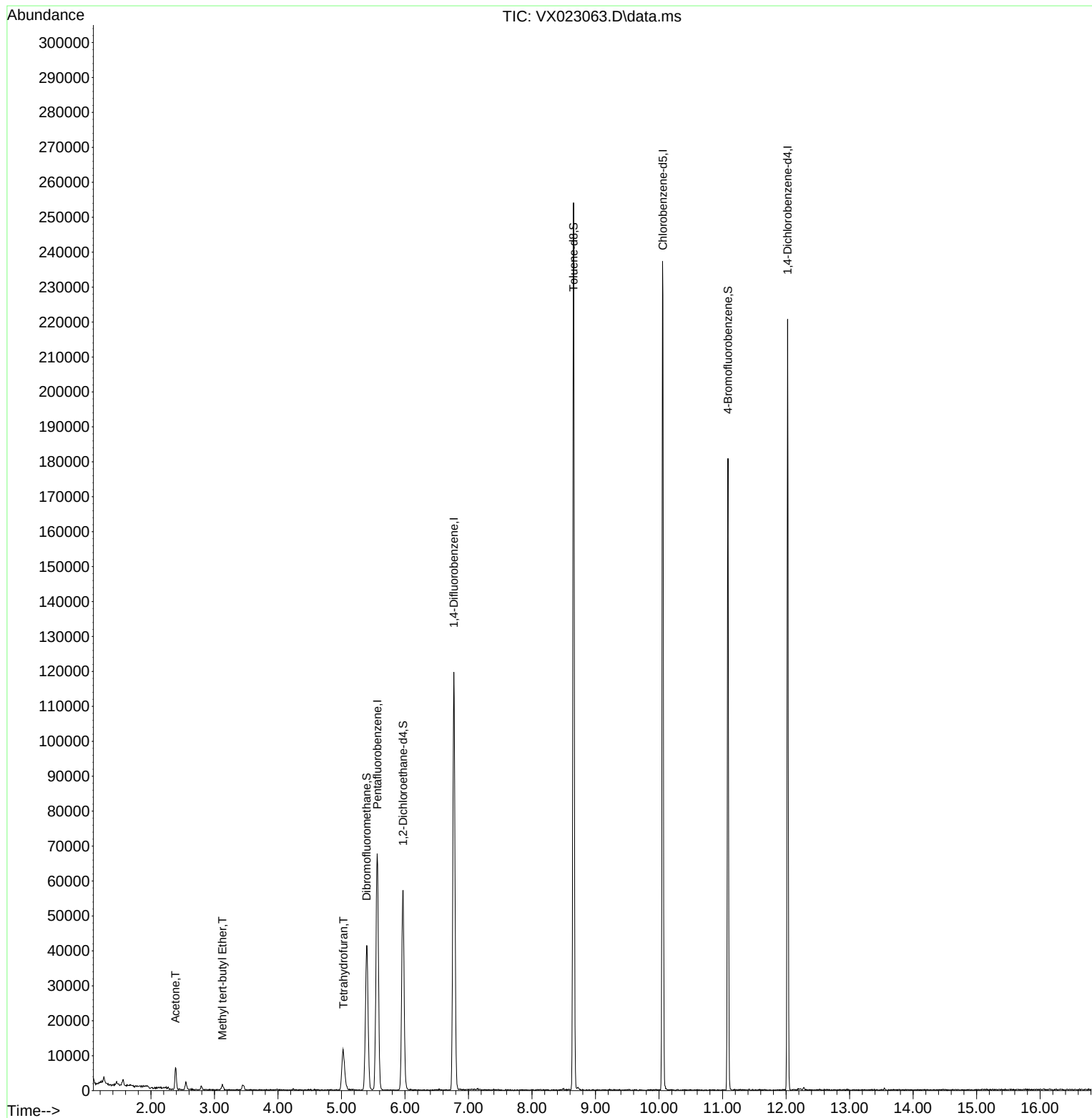
Internal Standards						
1) Pentafluorobenzene	5.562	168	53479	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	98446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	55067	56.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.480%
35) Dibromofluoromethane	5.397	113	35715	51.141	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.280%
50) Toluene-d8	8.653	98	136093	49.723	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.440%
62) 4-Bromofluorobenzene	11.085	95	46898	45.912	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.820%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	6950	16.153	ug/l	# 77
19) Methyl tert-butyl Ether	3.123	73	1301	0.523	ug/l	# 83
29) Tetrahydrofuran	5.031	42	11334	26.336	ug/l	# 82

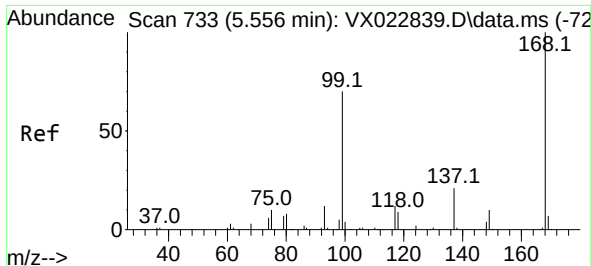
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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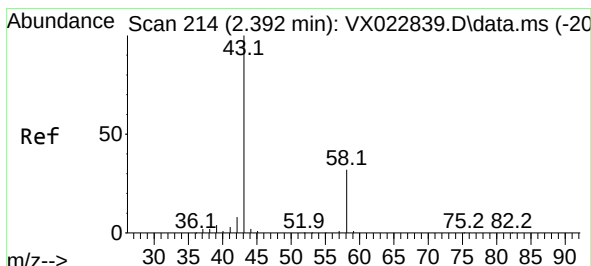
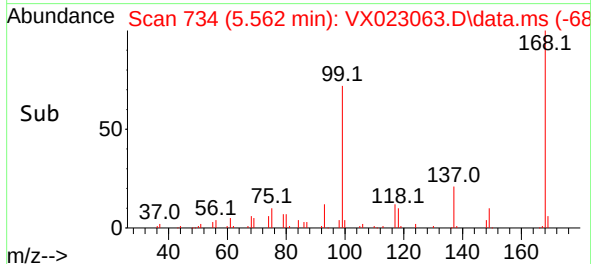
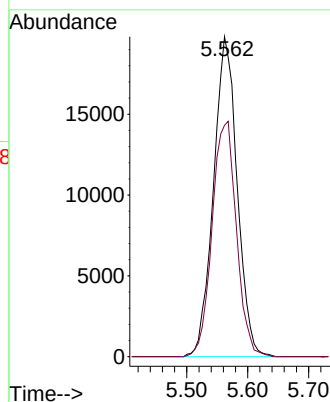
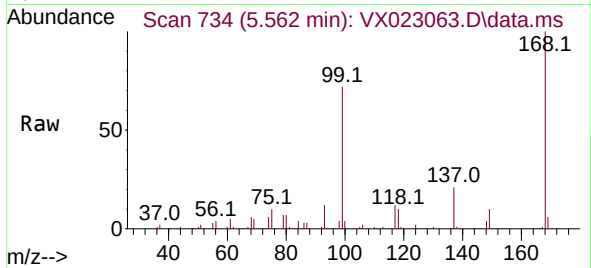




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

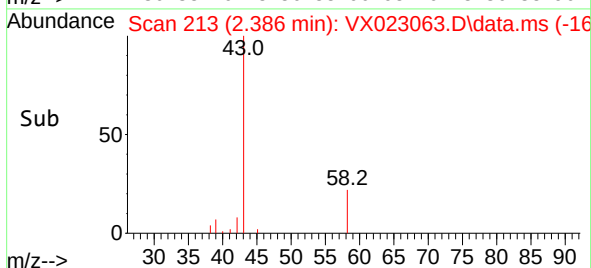
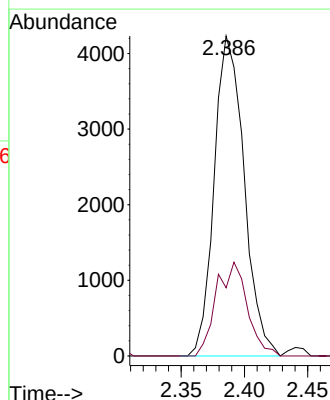
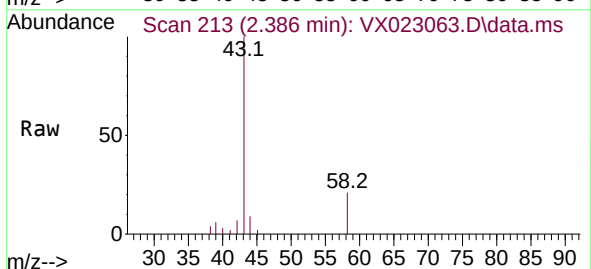
Instrument :
MSVOA_X
ClientSampleId :
41235

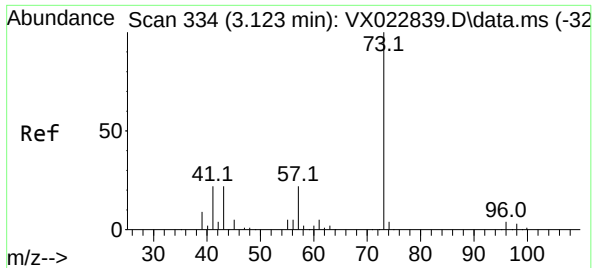
Tgt Ion:168 Resp: 53479
Ion Ratio Lower Upper
168 100
99 72.3 45.8 68.6#



#16
Acetone
Concen: 16.153 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

Tgt Ion: 43 Resp: 6950
Ion Ratio Lower Upper
43 100
58 21.3 27.8 41.8#

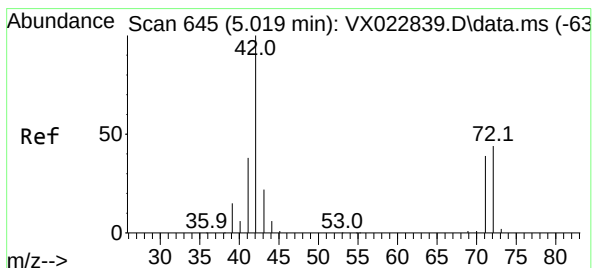
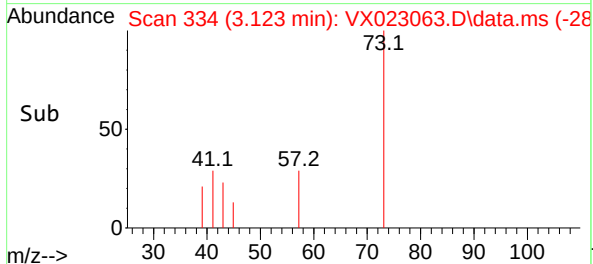
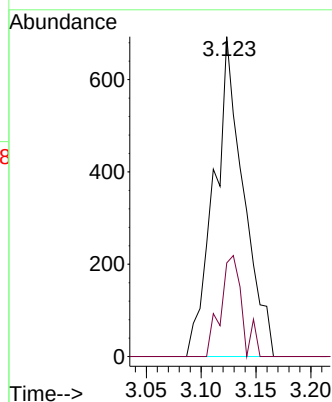
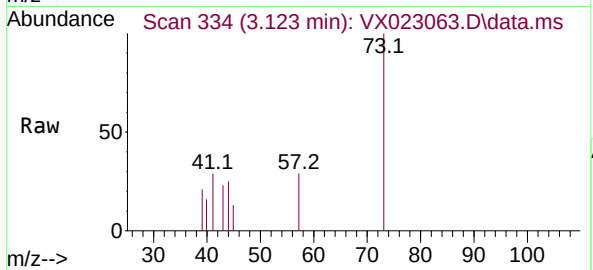




#19
Methyl tert-butyl Ether
Concen: 0.523 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

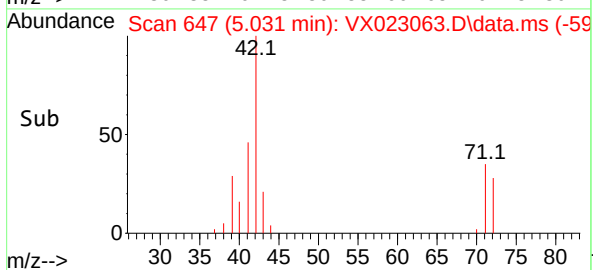
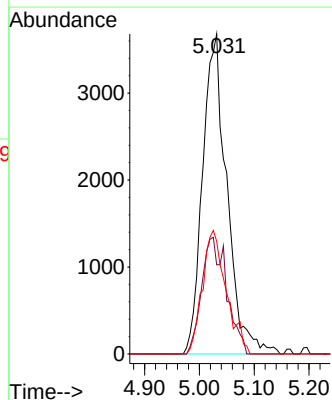
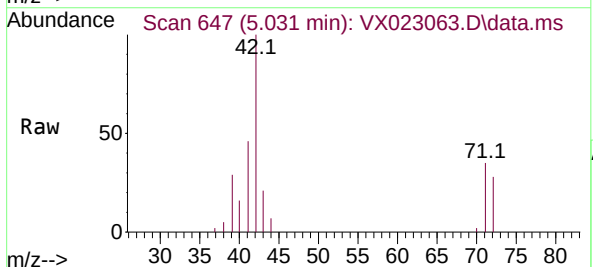
Instrument :
MSVOA_X
ClientSampled :
41235

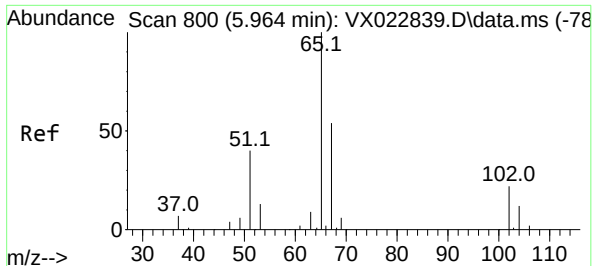
Tgt Ion: 73 Resp: 1301
Ion Ratio Lower Upper
73 100
57 29.3 17.1 25.7#



#29
Tetrahydrofuran
Concen: 26.336 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.012 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

Tgt Ion: 42 Resp: 11334
Ion Ratio Lower Upper
42 100
72 37.4 41.7 62.5#
71 37.6 38.4 57.6#



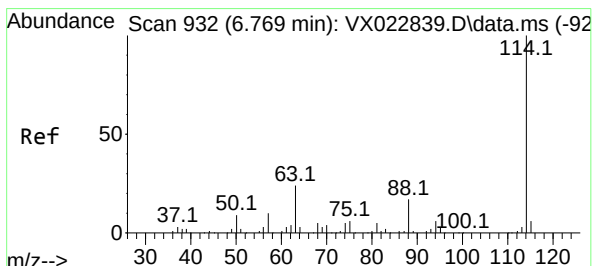
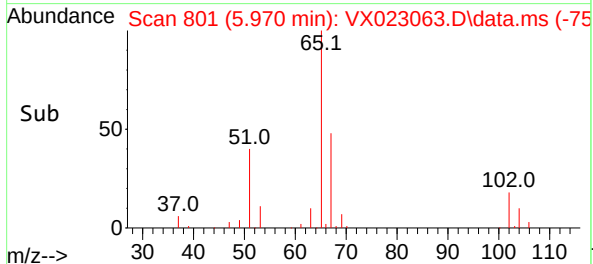
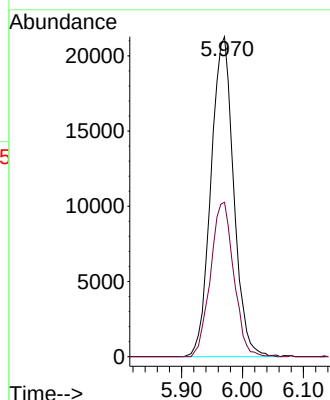
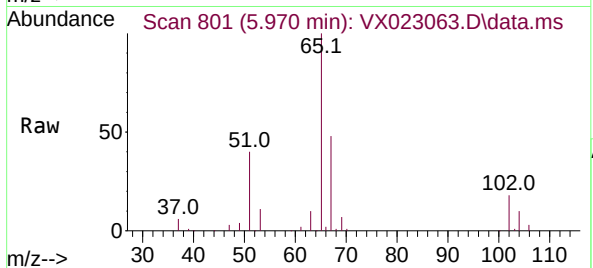


#33

1,2-Dichloroethane-d4
Concen: 56.739 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

Instrument :
MSVOA_X
ClientSampled :
41235

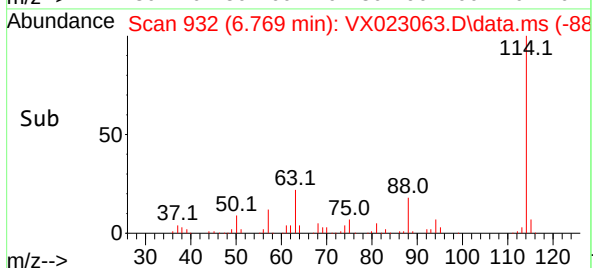
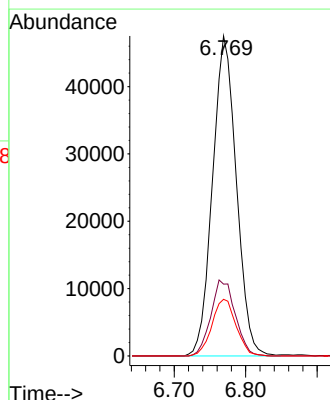
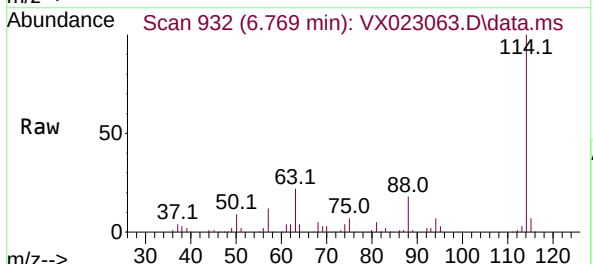
Tgt Ion: 65 Resp: 55067
Ion Ratio Lower Upper
65 100
67 49.4 0.0 105.4

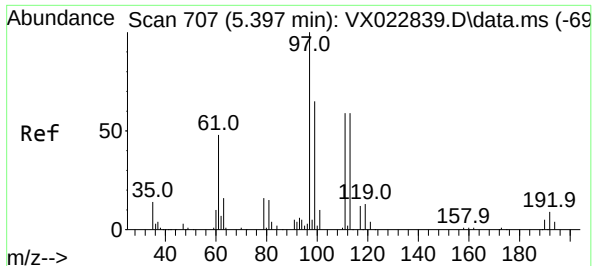


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

Tgt Ion: 114 Resp: 109974
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 17.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.141 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023063.D

Acq: 01 Jul 2021 03:53

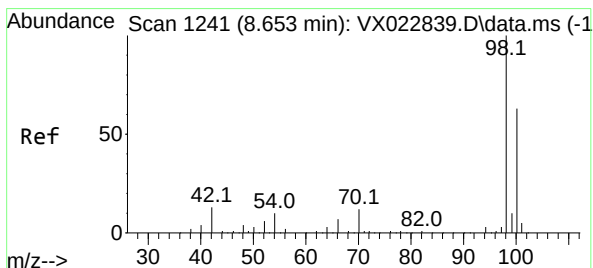
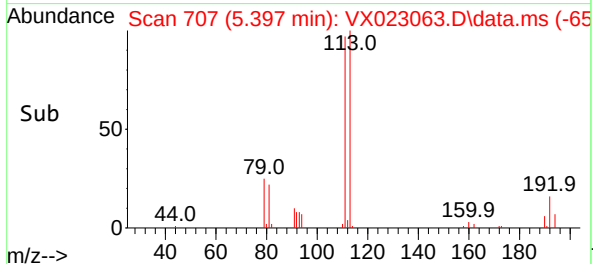
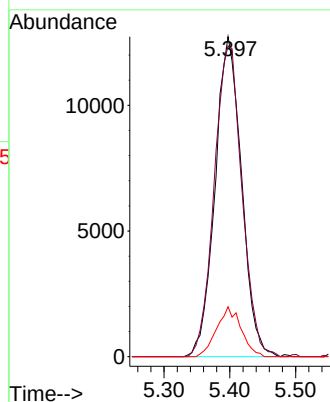
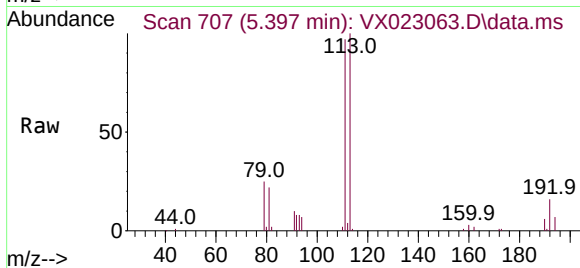
Instrument :

MSVOA_X

ClientSampleId :

41235

Tgt Ion:	113	Resp:	35715
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.9	122.9
192	14.4	16.7	25.1#



#50

Toluene-d8

Concen: 49.723 ug/l

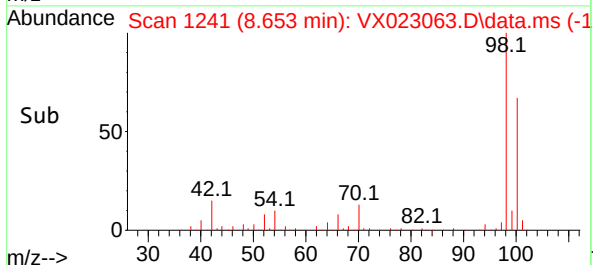
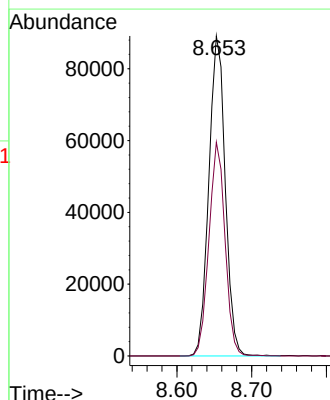
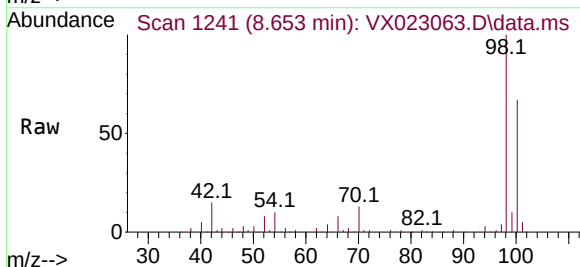
RT: 8.653 min Scan# 1241

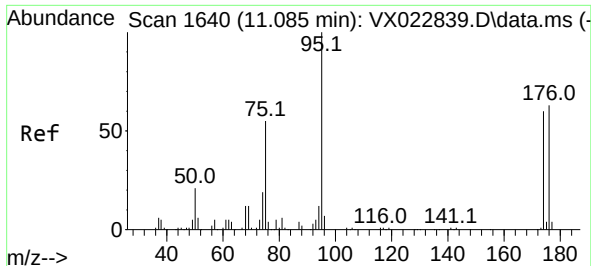
Delta R.T. -0.000 min

Lab File: VX023063.D

Acq: 01 Jul 2021 03:53

Tgt Ion:	98	Resp:	136093
Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.9	77.9

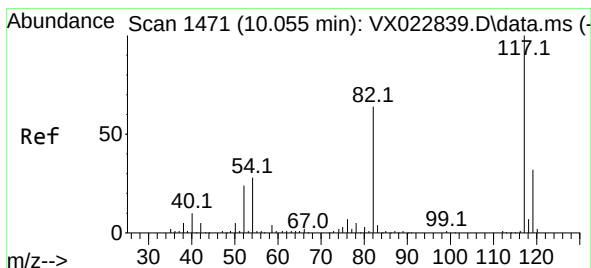
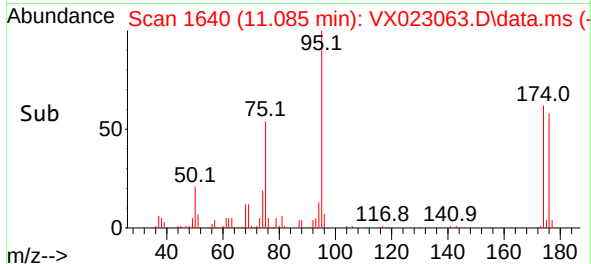
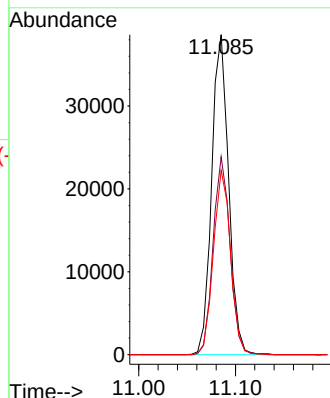
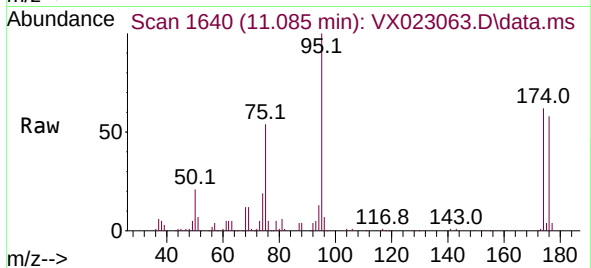




#62
4-Bromofluorobenzene
Concen: 45.912 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

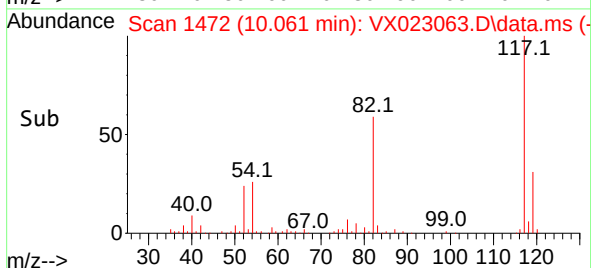
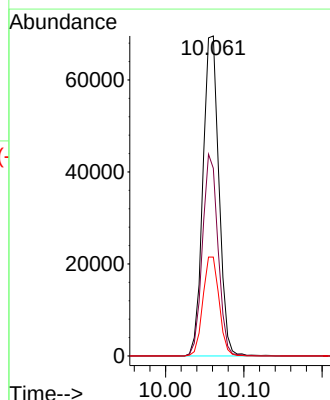
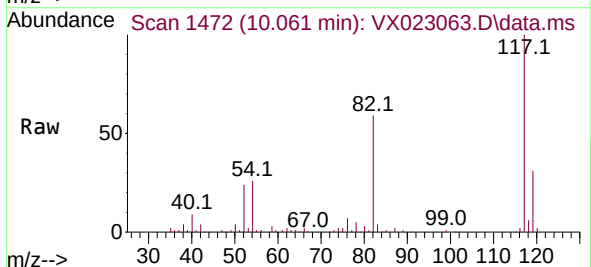
Instrument :
MSVOA_X
ClientSampleId :
41235

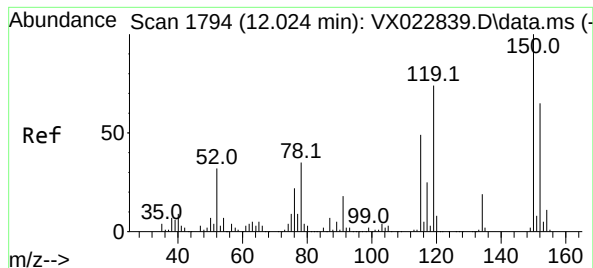
Tgt Ion: 95 Resp: 46898
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 58.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

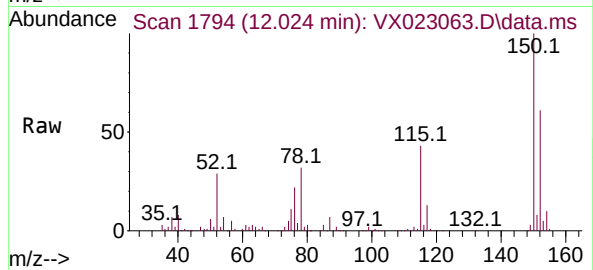
Tgt Ion: 117 Resp: 98446
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 30.9 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023063.D
 Acq: 01 Jul 2021 03:53

Instrument :
 MSVOA_X
 ClientSampleId :
 41235



Tgt Ion:152 Resp: 37106
 Ion Ratio Lower Upper
 152 100
 115 66.1 41.1 123.3
 150 160.2 0.0 349.0

