

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023036.D
 Acq On : 30 Jun 2021 16:07
 Operator : JC/MD
 Sample : M2892-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Jul 01 03:26:48 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)

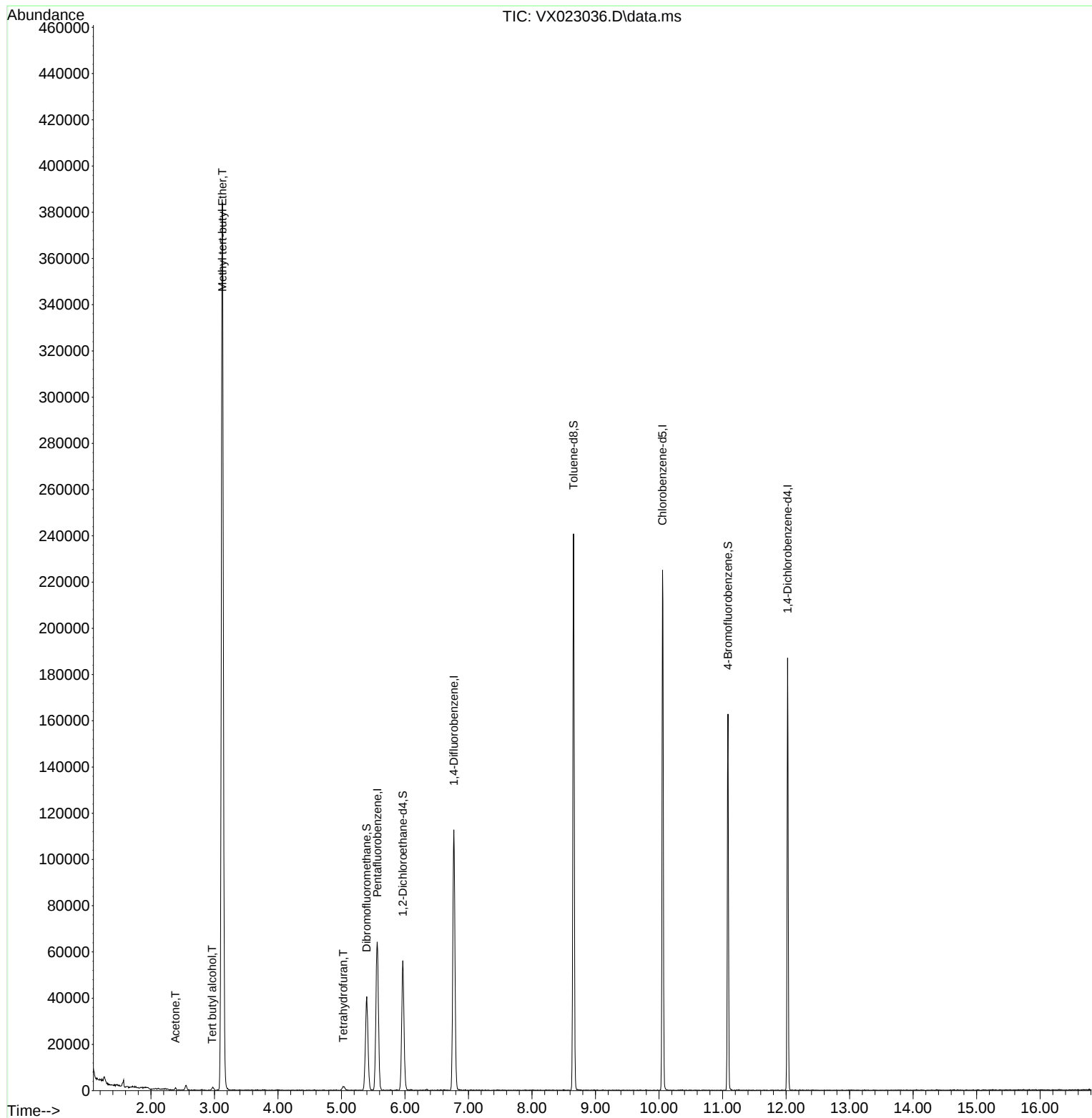
Internal Standards						
1) Pentafluorobenzene	5.562	168	51326	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	106278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	32113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49329	52.959	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.920%
35) Dibromofluoromethane	5.397	113	33757	50.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.040%
50) Toluene-d8	8.653	98	129369	48.910	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.820%
62) 4-Bromofluorobenzene	11.085	95	42110	42.658	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	1260	6.491	ug/l	# 73
16) Acetone	2.386	43	688	1.666	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	407694	170.737	ug/l	96
29) Tetrahydrofuran	5.026	42	1387	3.358	ug/l	# 84

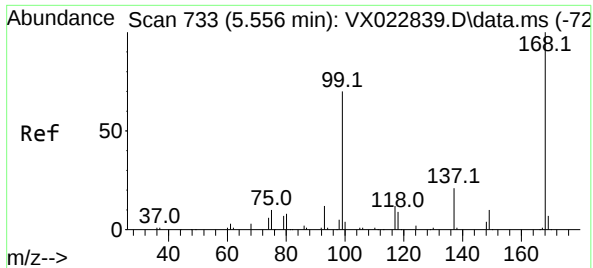
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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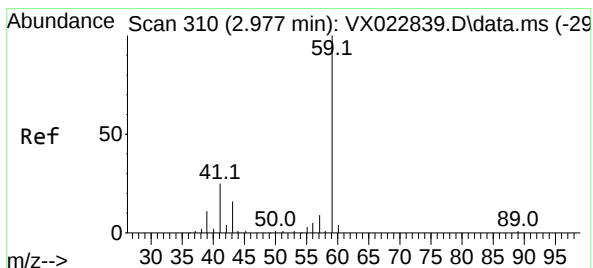
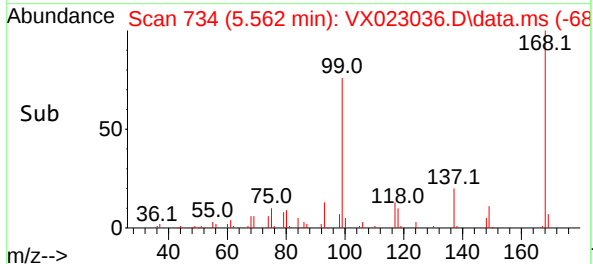
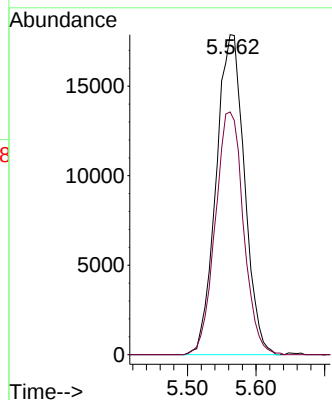
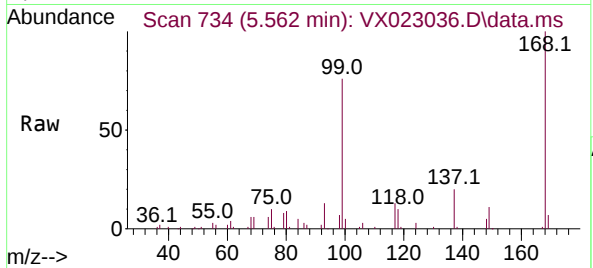




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023036.D
Acq: 30 Jun 2021 16:07

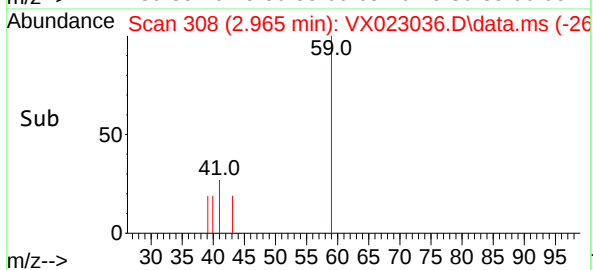
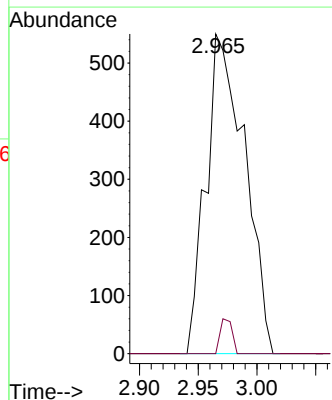
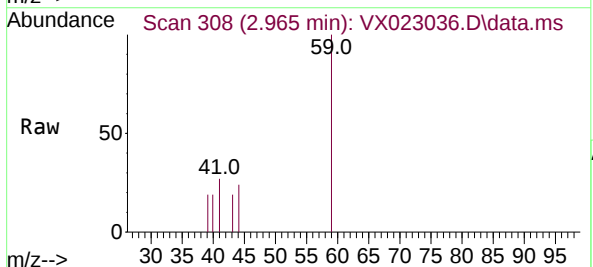
Instrument :
MSVOA_X
ClientSampled :
MW-4

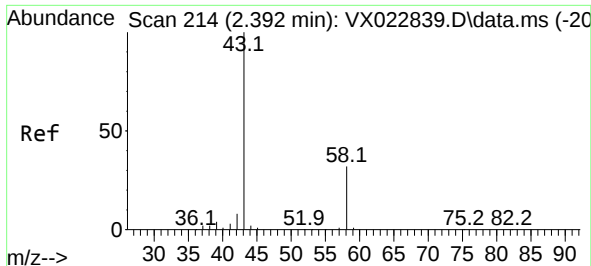
Tgt Ion:168 Resp: 51326
Ion Ratio Lower Upper
168 100
99 75.8 45.8 68.6#



#11
Tert butyl alcohol
Concen: 6.491 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX023036.D
Acq: 30 Jun 2021 16:07

Tgt Ion: 59 Resp: 1260
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

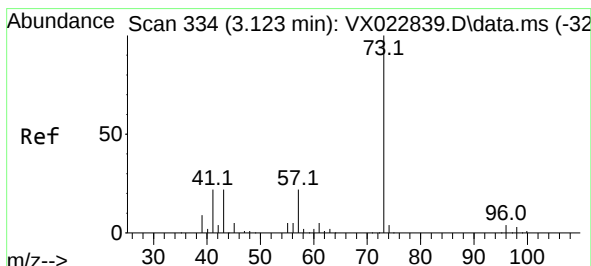
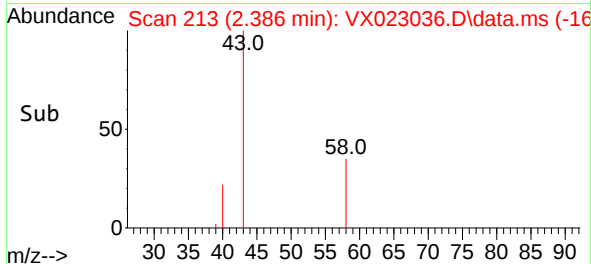
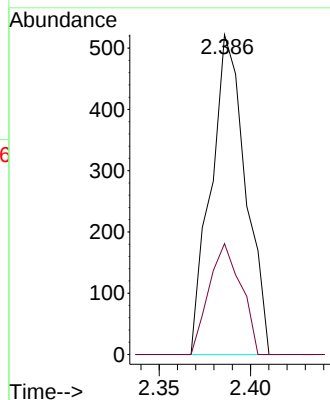
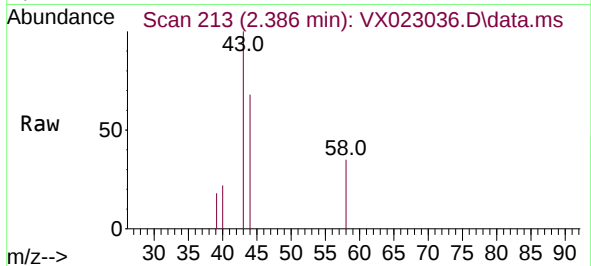




#16
Acetone
Concen: 1.666 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023036.D
Acq: 30 Jun 2021 16:07

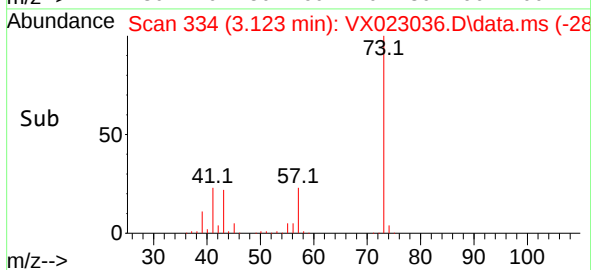
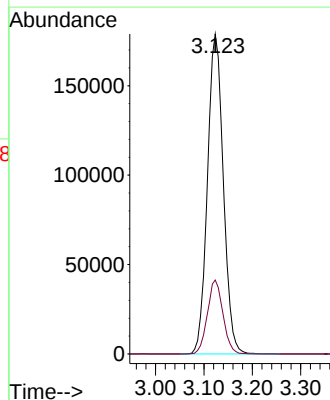
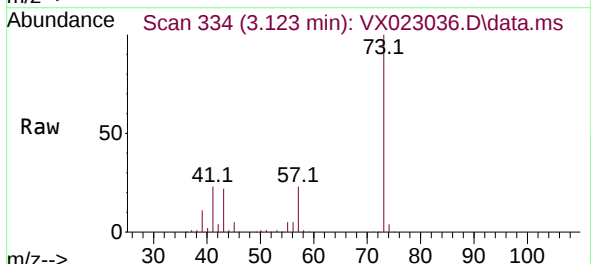
Instrument :
MSVOA_X
ClientSampled :
MW-4

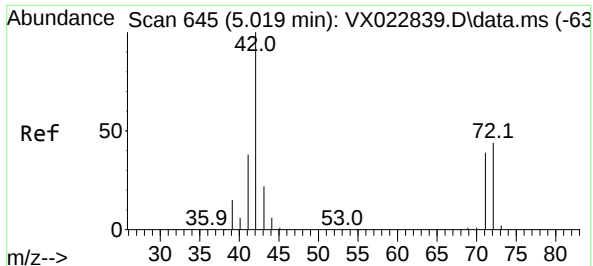
Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
58 34.7 27.8 41.8



#19
Methyl tert-butyl Ether
Concen: 170.737 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023036.D
Acq: 30 Jun 2021 16:07

Tgt Ion: 73 Resp: 407694
Ion Ratio Lower Upper
73 100
57 23.1 17.1 25.7





#29

Tetrahydrofuran

Concen: 3.358 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.006 min

Lab File: VX023036.D

Acq: 30 Jun 2021 16:07

Tgt Ion: 42 Resp: 1387

Ion Ratio Lower Upper

42 100

72 40.6 41.7 62.5#

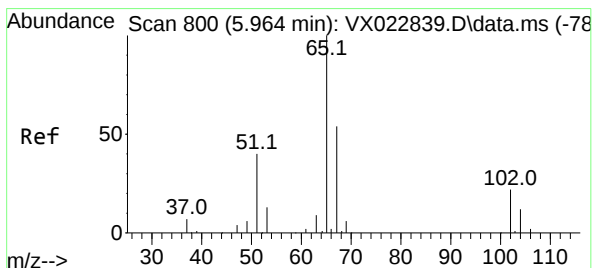
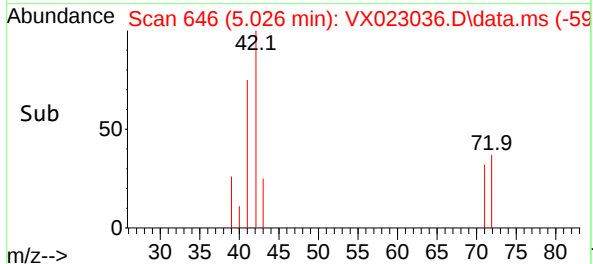
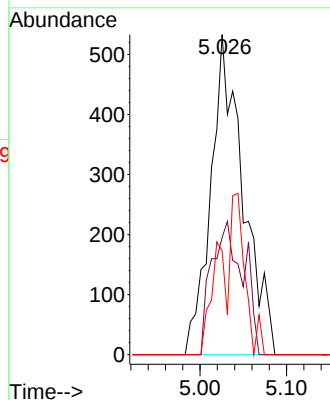
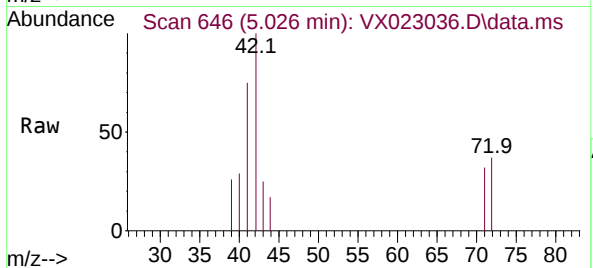
71 37.9 38.4 57.6#

Instrument :

MSVOA_X

ClientSampled :

MW-4



#33

1,2-Dichloroethane-d4

Concen: 52.959 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023036.D

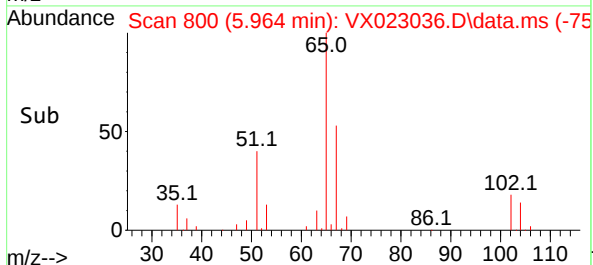
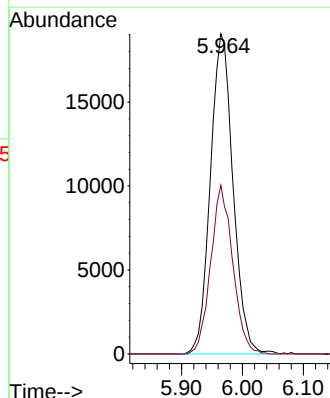
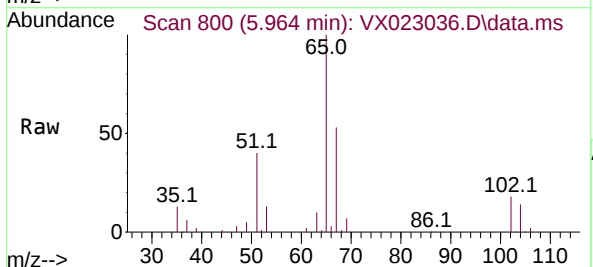
Acq: 30 Jun 2021 16:07

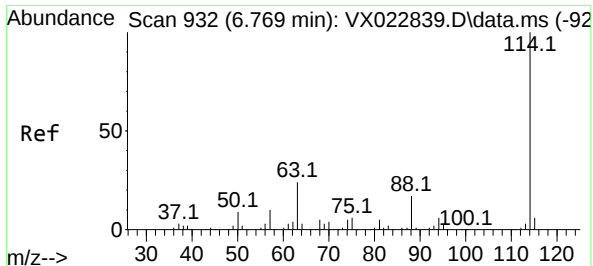
Tgt Ion: 65 Resp: 49329

Ion Ratio Lower Upper

65 100

67 51.1 0.0 105.4

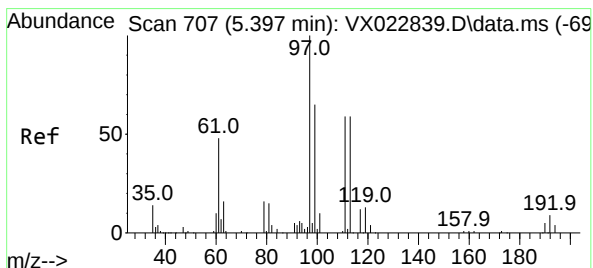
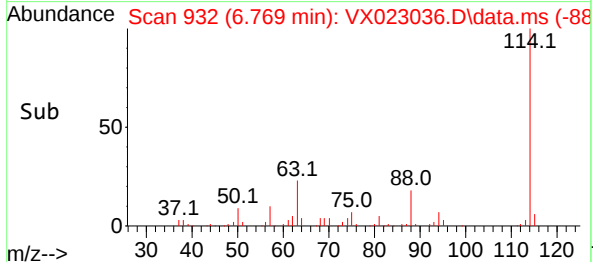
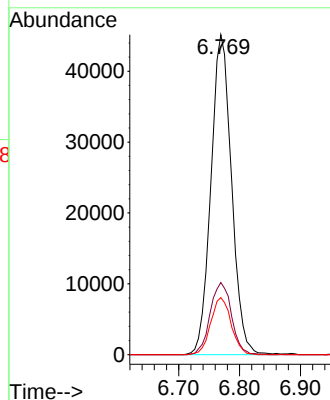
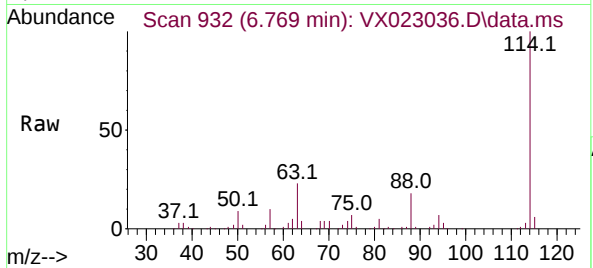




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023036.D
Acq: 30 Jun 2021 16:07

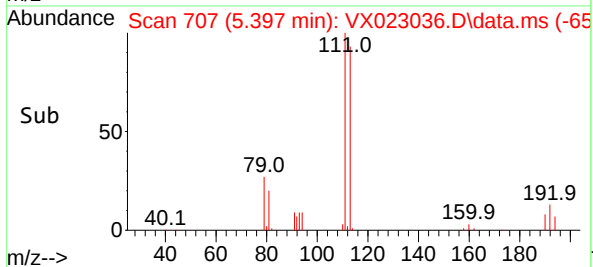
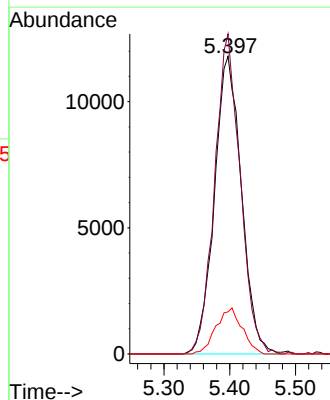
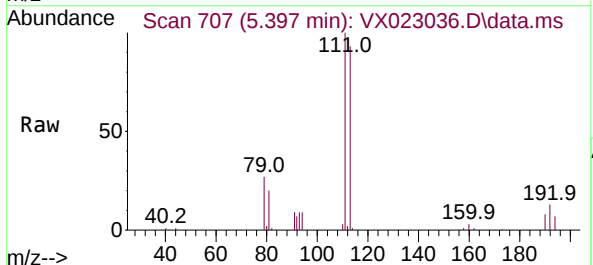
Instrument :
MSVOA_X
ClientSampled :
MW-4

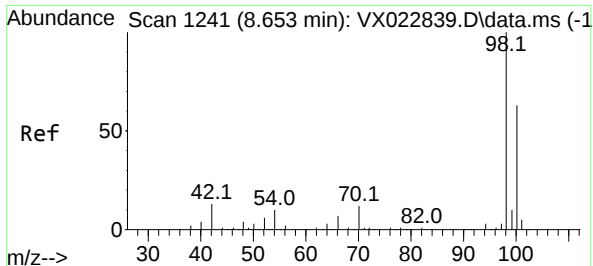
Tgt Ion:114 Resp: 106278
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 17.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.018 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023036.D
Acq: 30 Jun 2021 16:07

Tgt Ion:113 Resp: 33757
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 15.0 16.7 25.1#

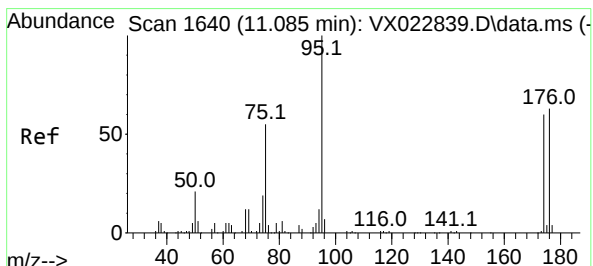
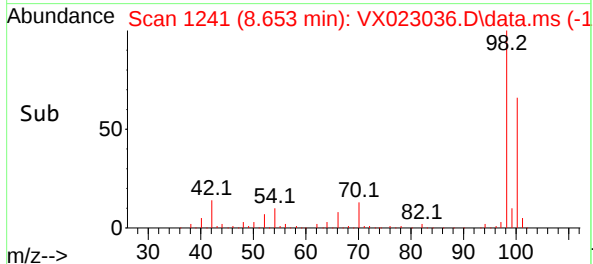
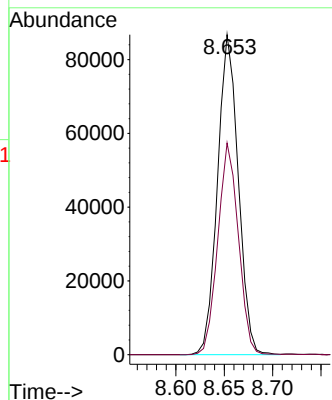
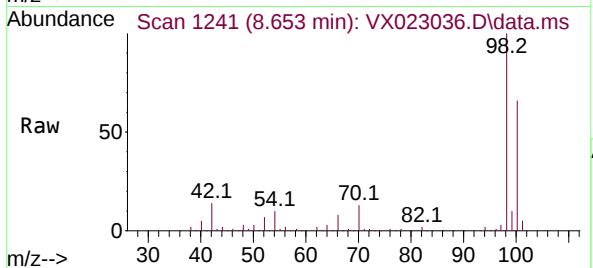




#50
Toluene-d8
Concen: 48.910 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023036.D
Acq: 30 Jun 2021 16:07

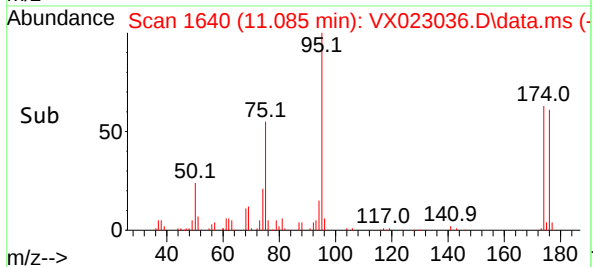
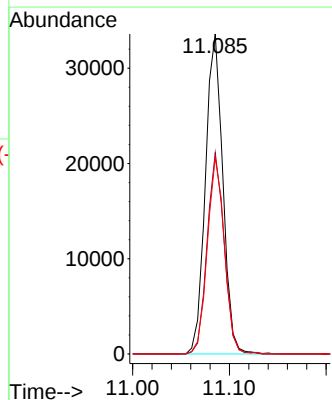
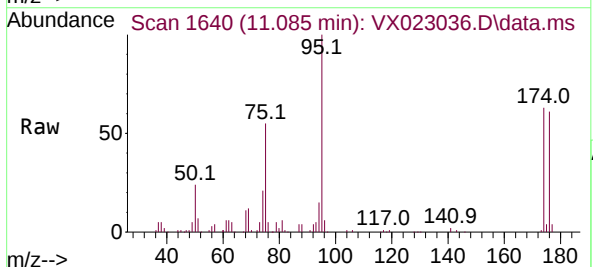
Instrument :
MSVOA_X
ClientSampled :
MW-4

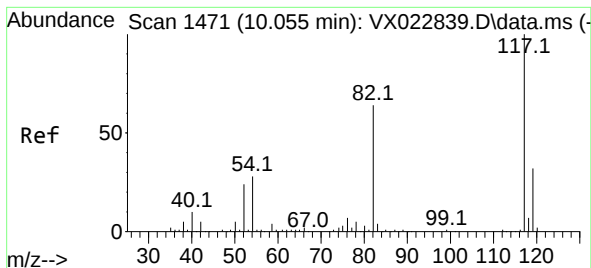
Tgt Ion: 98 Resp: 129369
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.658 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023036.D
Acq: 30 Jun 2021 16:07

Tgt Ion: 95 Resp: 42110
Ion Ratio Lower Upper
95 100
174 61.4 0.0 154.6
176 60.2 0.0 155.8

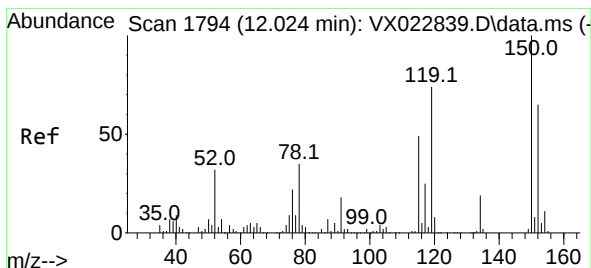
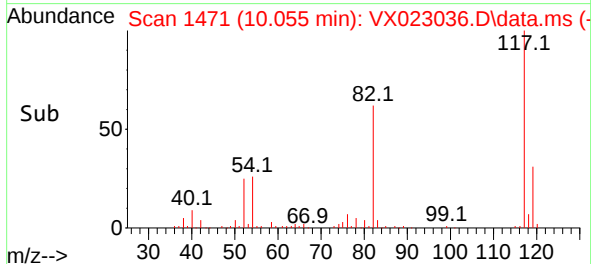
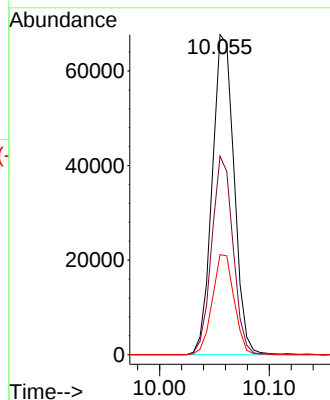
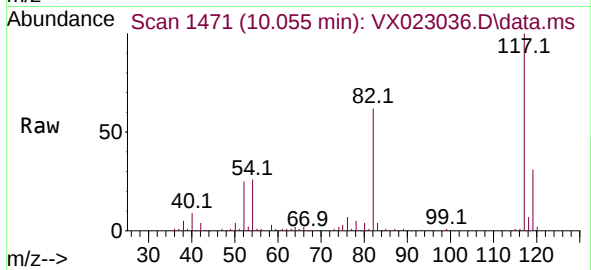




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023036.D
Acq: 30 Jun 2021 16:07

Instrument :
MSVOA_X
ClientSampled :
MW-4

Tgt Ion:117 Resp: 93948
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 31.3 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: VX023036.D
Acq: 30 Jun 2021 16:07

Tgt Ion:152 Resp: 32113
Ion Ratio Lower Upper
152 100
115 68.4 41.1 123.3
150 155.1 0.0 349.0

