

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX031006.D
 Acq On : 01 Sep 2022 03:16
 Operator : JC/MD
 Sample : N4380-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-39

Quant Time: Sep 01 04:30:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

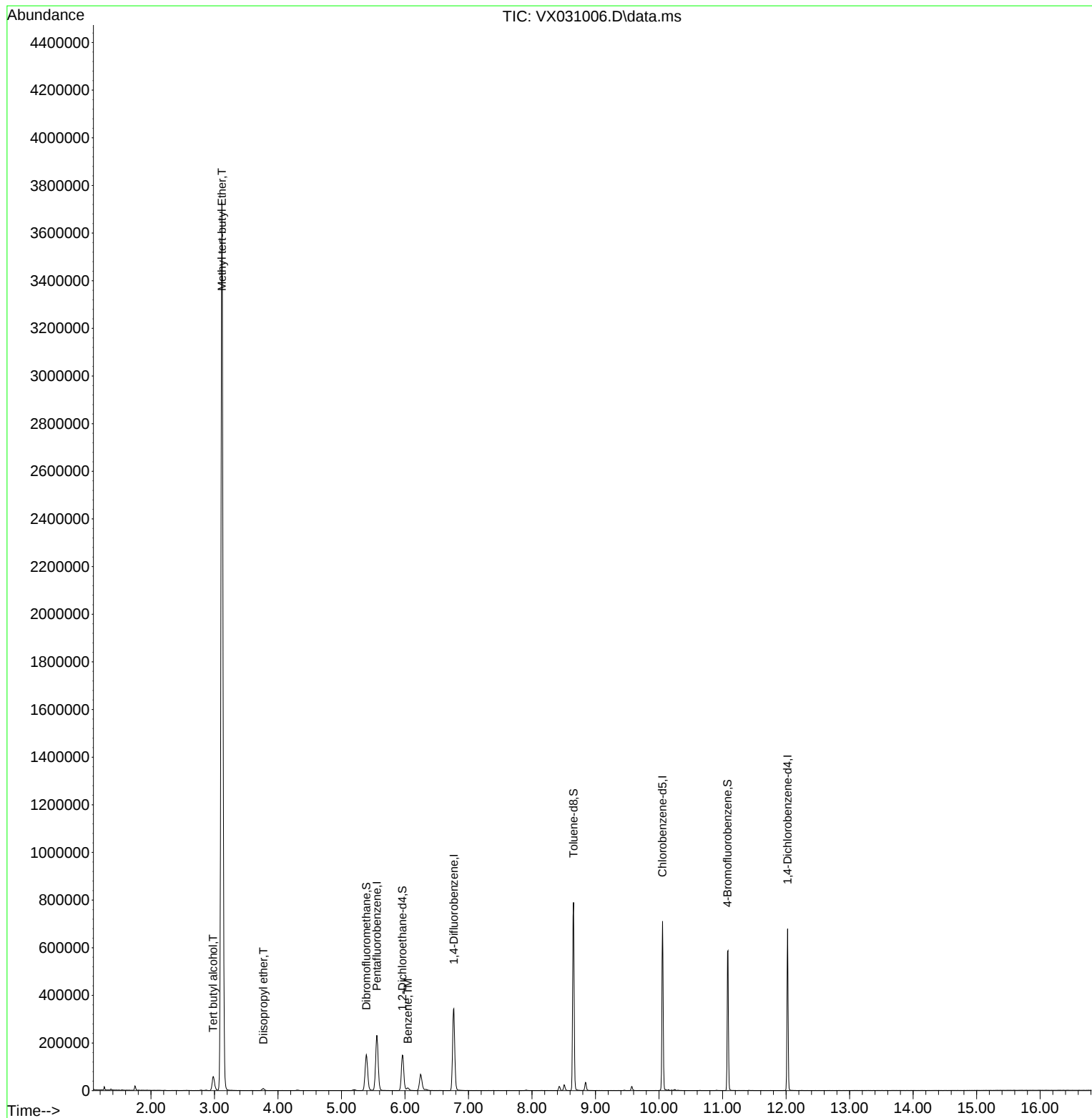
Internal Standards						
1) Pentafluorobenzene	5.556	168	222221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	381247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143787	45.113	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.220%
35) Dibromofluoromethane	5.391	113	135375	48.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.340%
50) Toluene-d8	8.653	98	507421	48.754	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.500%
62) 4-Bromofluorobenzene	11.079	95	166400	44.897	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	88051	116.603	ug/l #	74
19) Methyl tert-butyl Ether	3.117	73	4431684	503.812	ug/l	96
22) Diisopropyl ether	3.770	45	9201	1.019	ug/l #	67
40) Benzene	6.044	78	13373	1.111	ug/l	92

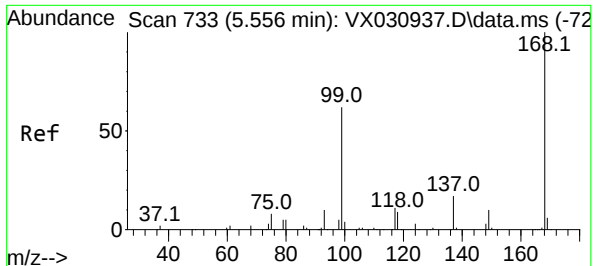
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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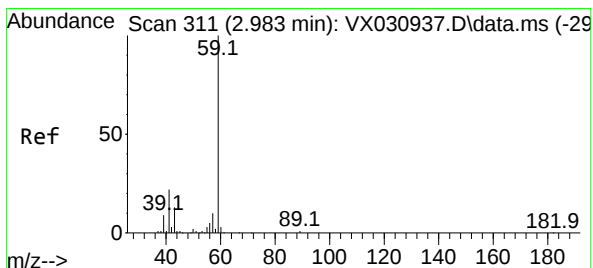
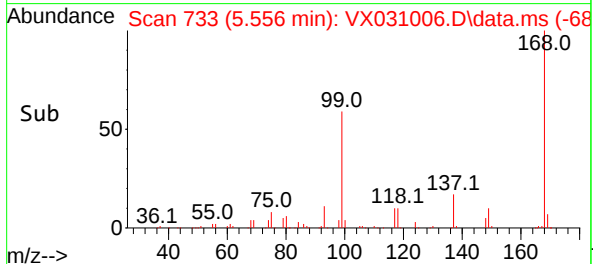
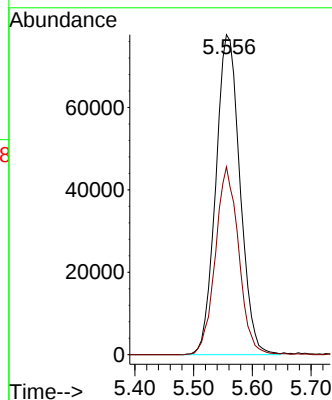
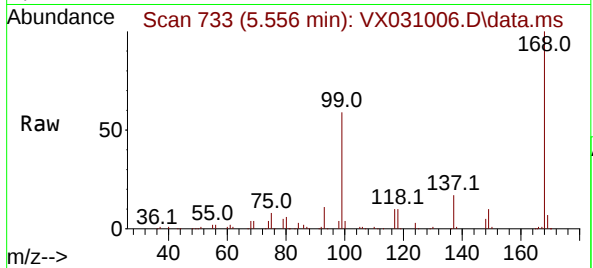




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

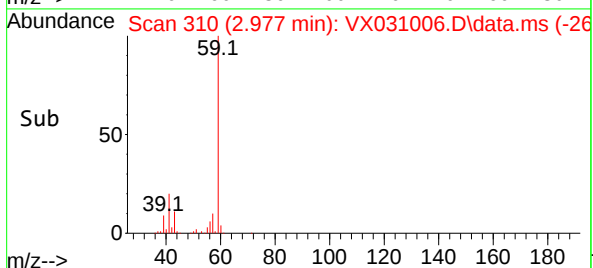
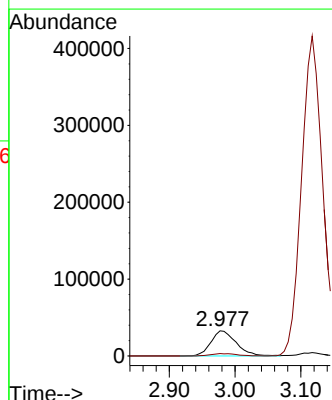
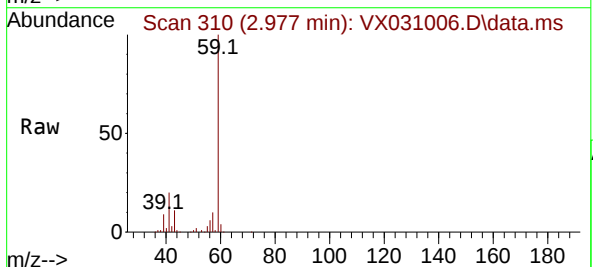
Instrument :
MSVOA_X
ClientSampleId :
MW-39

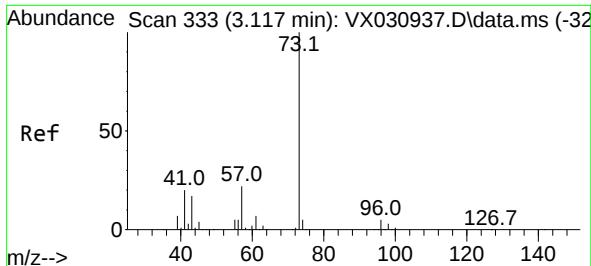
Tgt Ion:168 Resp: 222221
Ion Ratio Lower Upper
168 100
99 58.7 44.0 66.0



#11
Tert butyl alcohol
Concen: 116.603 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

Tgt Ion: 59 Resp: 88051
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#19

Methyl tert-butyl Ether

Concen: 503.812 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX031006.D

Acq: 01 Sep 2022 03:16

Instrument :

MSVOA_X

ClientSampleId :

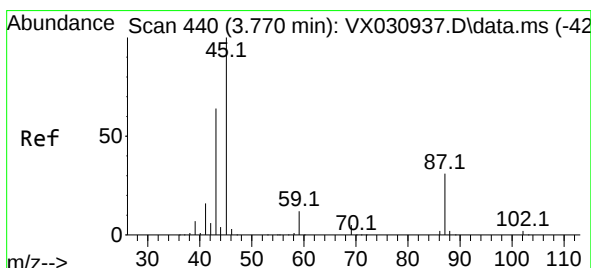
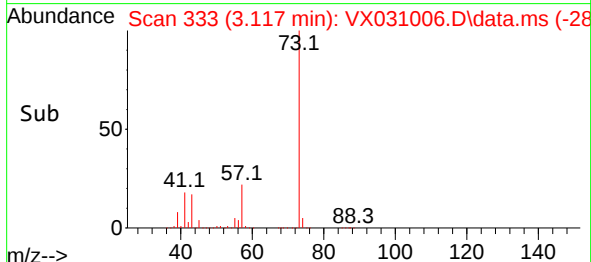
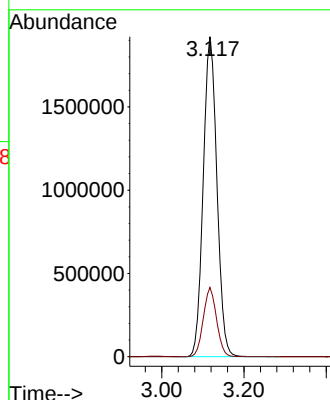
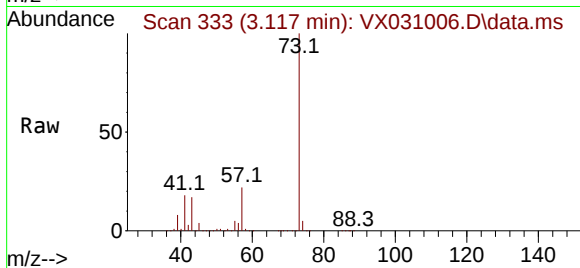
MW-39

Tgt Ion: 73 Resp: 4431684

Ion Ratio Lower Upper

73 100

57 21.7 19.0 28.6



#22

Diisopropyl ether

Concen: 1.019 ug/l

RT: 3.770 min Scan# 440

Delta R.T. -0.000 min

Lab File: VX031006.D

Acq: 01 Sep 2022 03:16

Tgt Ion: 45 Resp: 9201

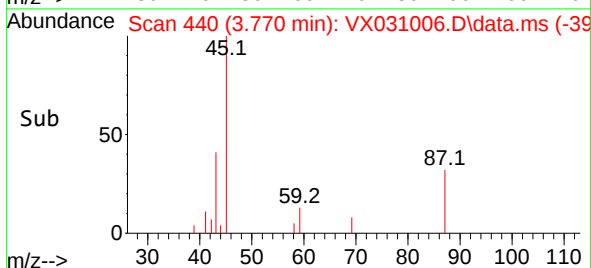
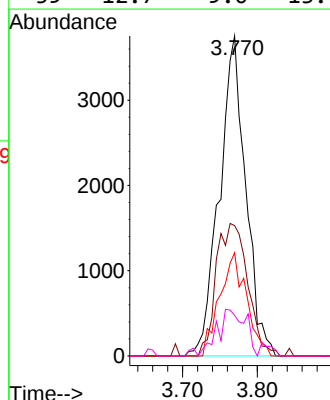
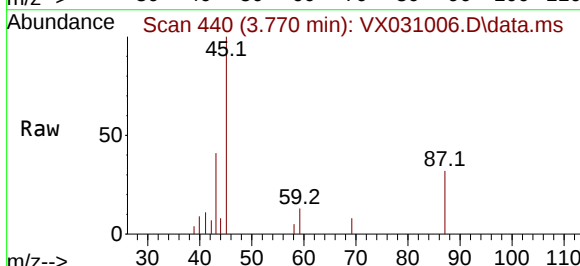
Ion Ratio Lower Upper

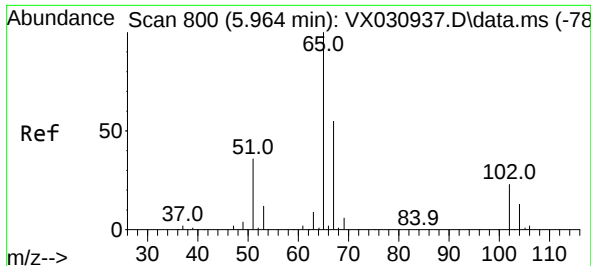
45 100

43 40.7 65.4 98.0#

87 32.2 22.3 33.5

59 12.7 9.0 13.4

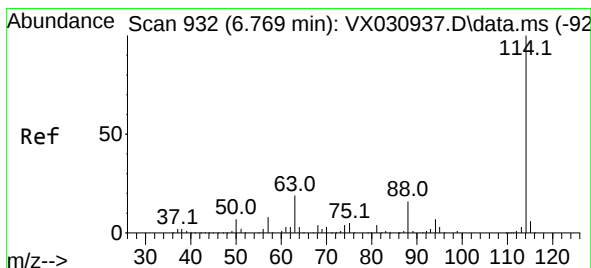
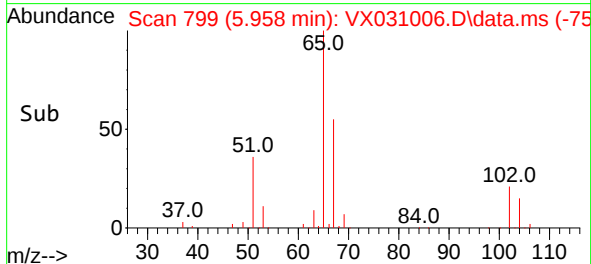
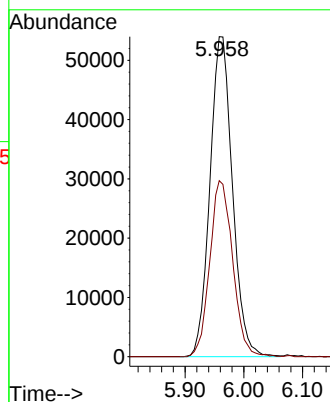
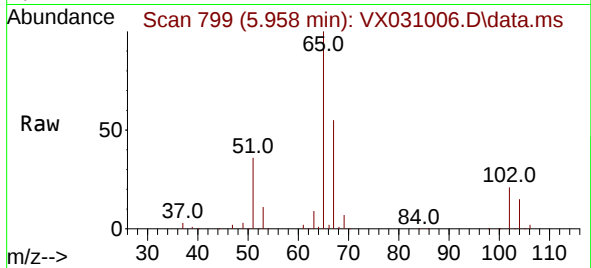




#33
 1,2-Dichloroethane-d4
 Concen: 45.113 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031006.D
 Acq: 01 Sep 2022 03:16

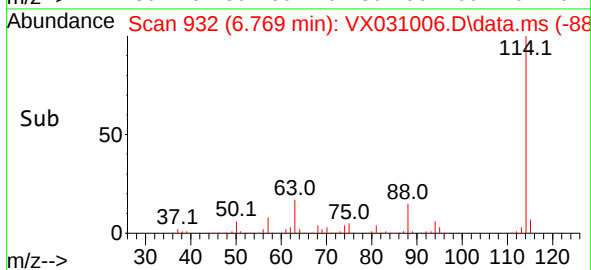
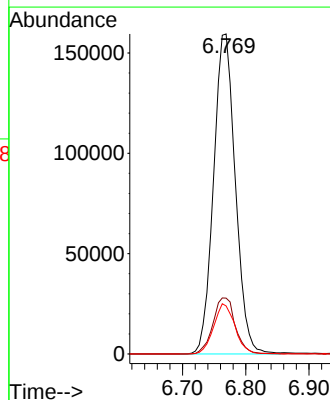
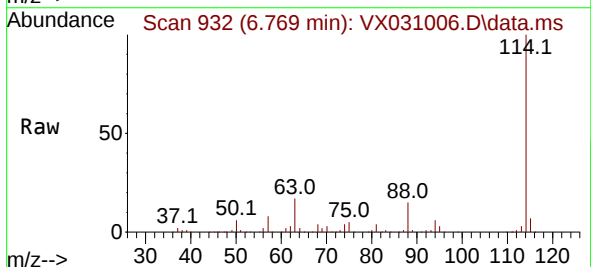
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-39

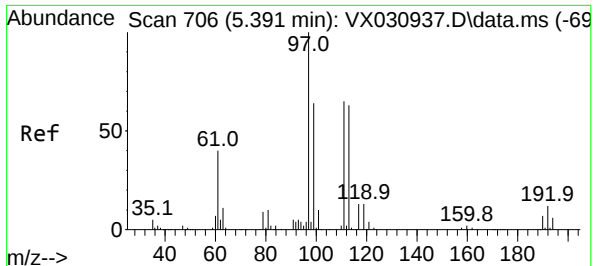
Tgt Ion: 65 Resp: 143787
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX031006.D
 Acq: 01 Sep 2022 03:16

Tgt Ion: 114 Resp: 381247
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 38.4
 88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.170 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031006.D

Acq: 01 Sep 2022 03:16

Instrument :

MSVOA_X

ClientSampleId :

MW-39

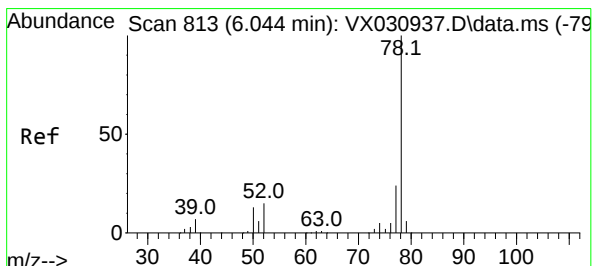
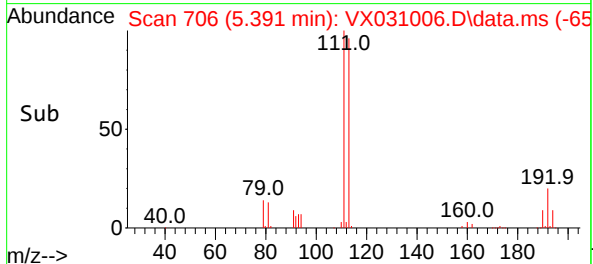
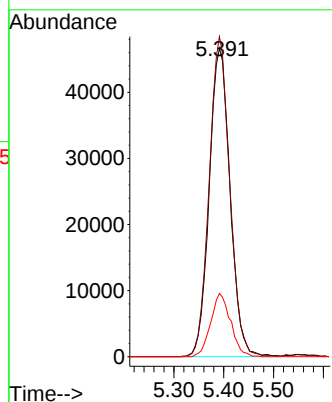
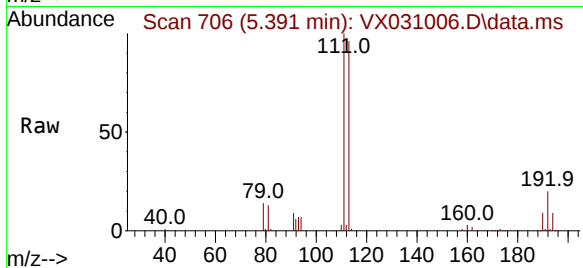
Tgt Ion:113 Resp: 135375

Ion Ratio Lower Upper

113 100

111 102.7 83.2 124.8

192 19.6 14.8 22.2



#40

Benzene

Concen: 1.111 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX031006.D

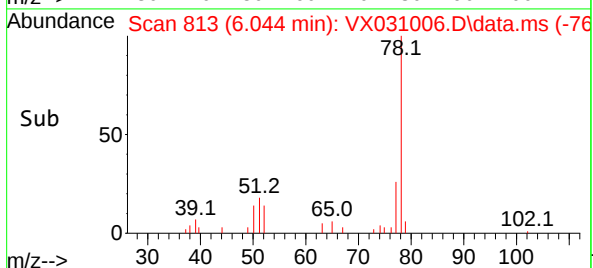
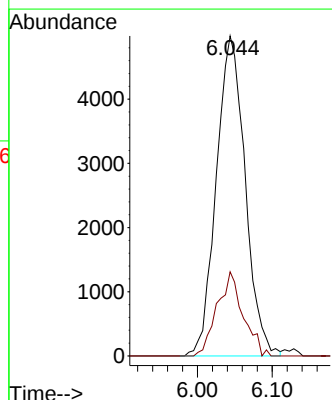
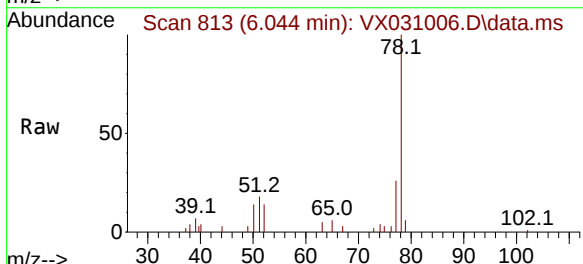
Acq: 01 Sep 2022 03:16

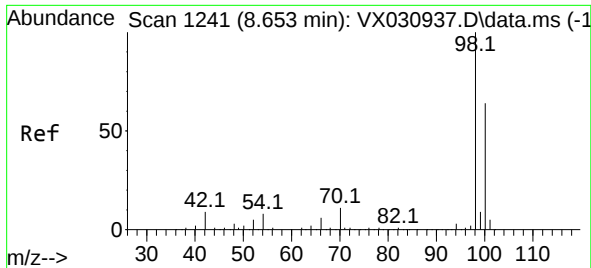
Tgt Ion: 78 Resp: 13373

Ion Ratio Lower Upper

78 100

77 26.3 18.0 27.0

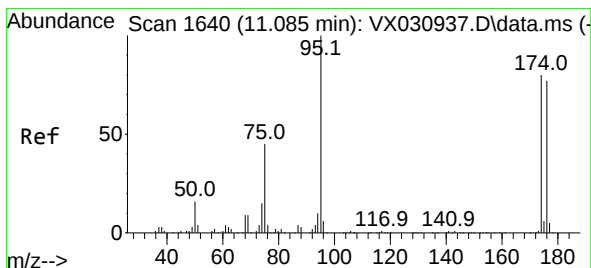
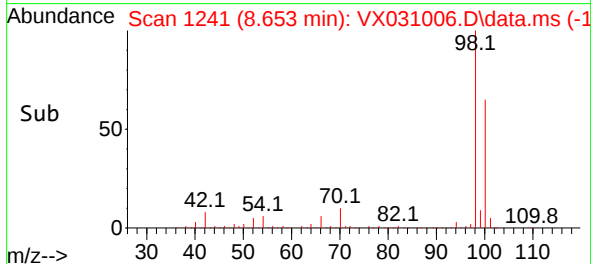
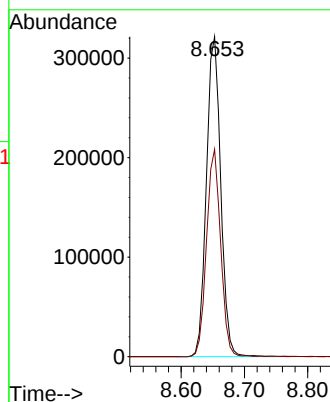
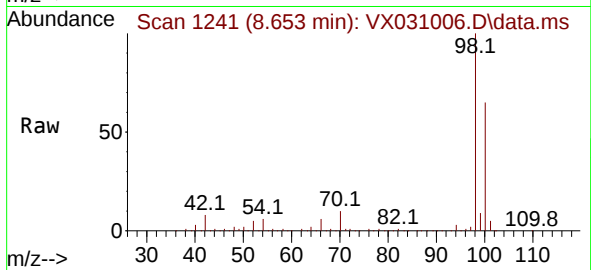




#50
Toluene-d8
Concen: 48.754 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

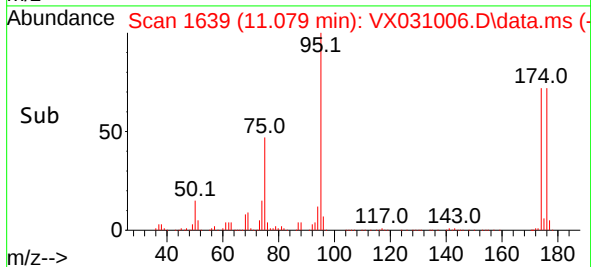
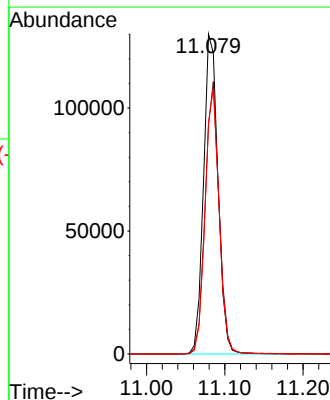
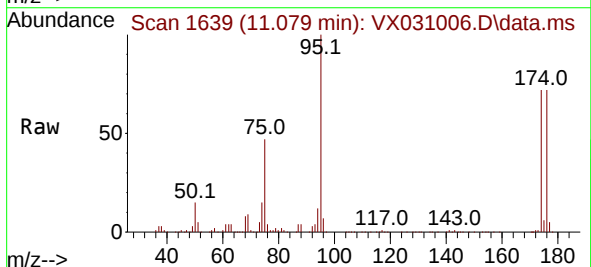
Instrument :
MSVOA_X
ClientSampleId :
MW-39

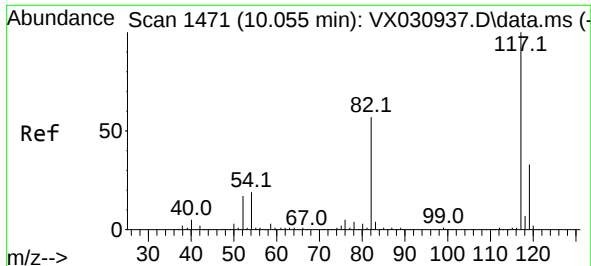
Tgt Ion: 98 Resp: 507421
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.897 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

Tgt Ion: 95 Resp: 166400
Ion Ratio Lower Upper
95 100
174 82.5 0.0 149.0
176 80.4 0.0 146.0

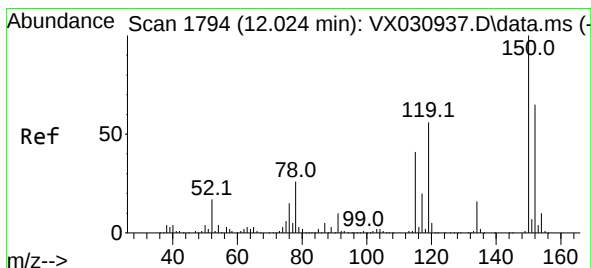
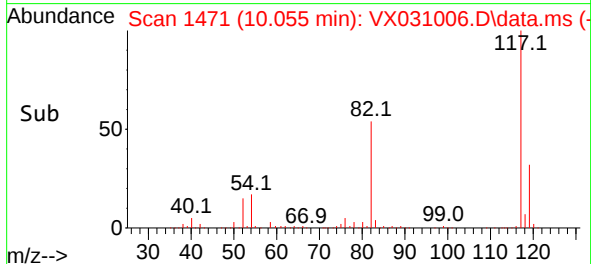
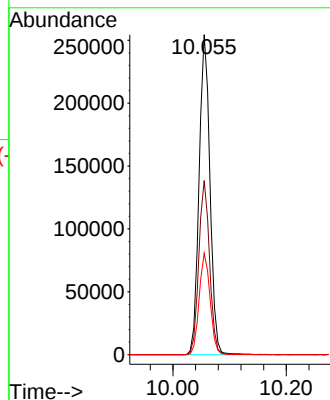
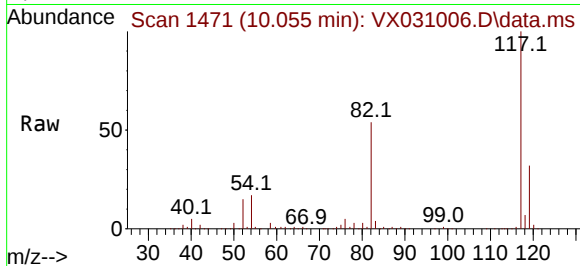




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

Instrument :
MSVOA_X
ClientSampleId :
MW-39

Tgt Ion:117 Resp: 338193
Ion Ratio Lower Upper
117 100
82 54.4 42.7 64.1
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

Tgt Ion:152 Resp: 144546
Ion Ratio Lower Upper
152 100
115 59.4 40.5 121.5
150 160.2 0.0 347.0

