

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003235.D
 Acq On : 07 Jul 2018 01:34
 Operator : JC/MD
 Sample : J3878-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Jul 07 03:12:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	0.00	128	0	0.00	ug/l	-5.03
28) 1,4-Difluorobenzene	6.87	114	378750	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	358420	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	179771	0.00	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	0.00%#
60) 4-Bromofluorobenzene	11.14	95	184673	31.20	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	104.00%
63) Toluene-d8	8.72	98	529681	33.83	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	112.77%

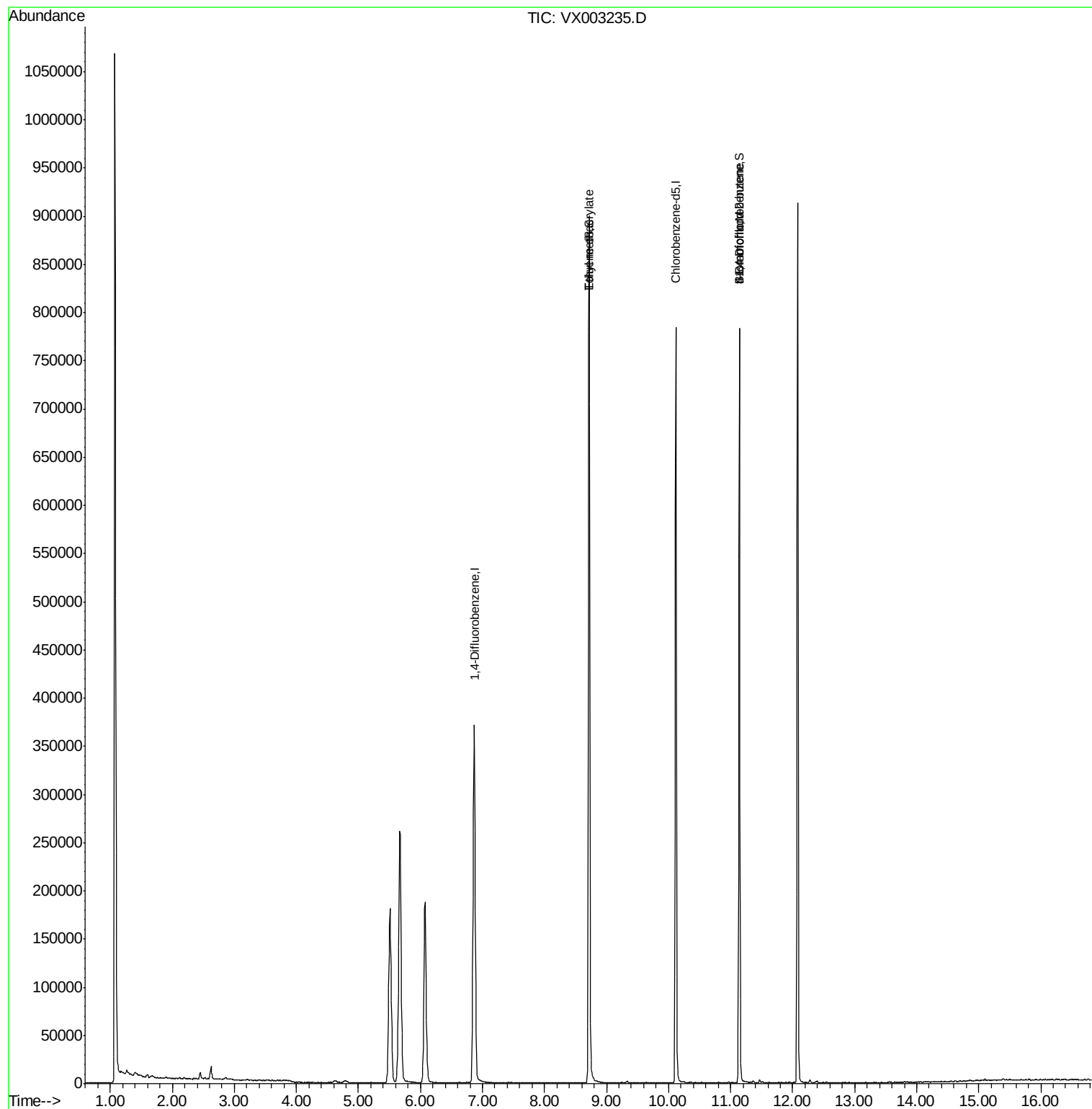
Target Compounds					Ovalue
51) Ethyl methacrylate	8.73	69	1841	0.30	ug/l 85
56) Bromoform	11.14	173	2254	0.66	ug/l # 1
77) t-1,4-Dichloro-2-butene	11.14	75	91669	54.14	ug/l # 11

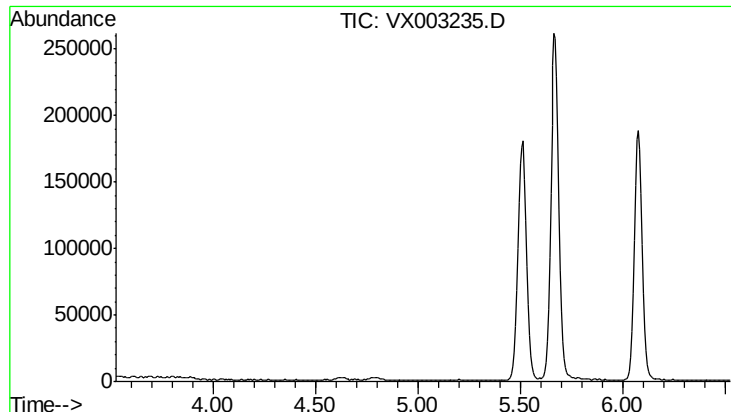
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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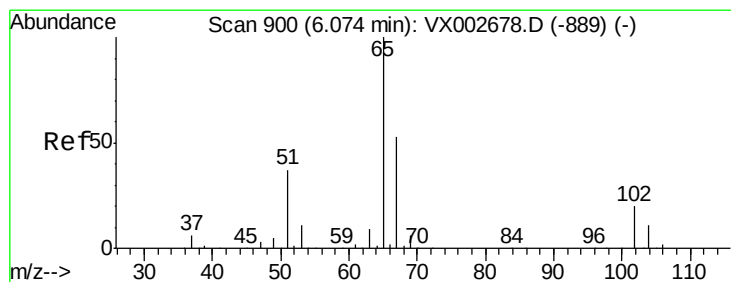
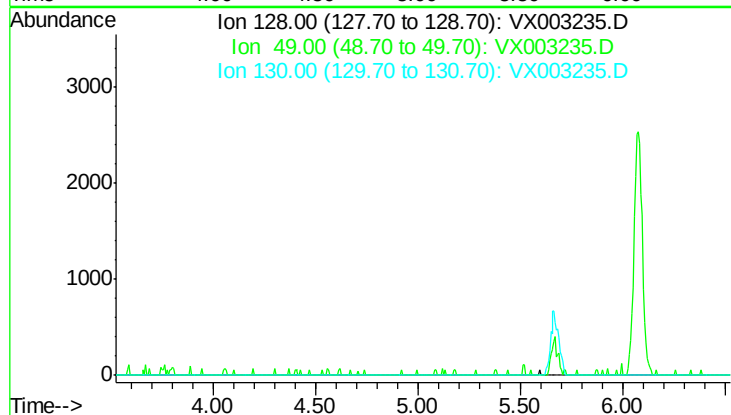




#1
 Bromochloromethane
 Concen: 0.00 ug/l
 Expected RT: 5.03 min
 Lab File: VX003235.D
 Acq: 07 Jul 2018 01:34

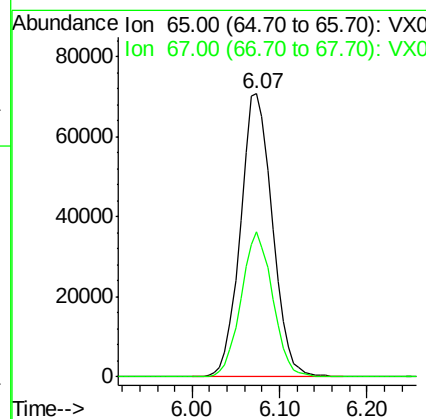
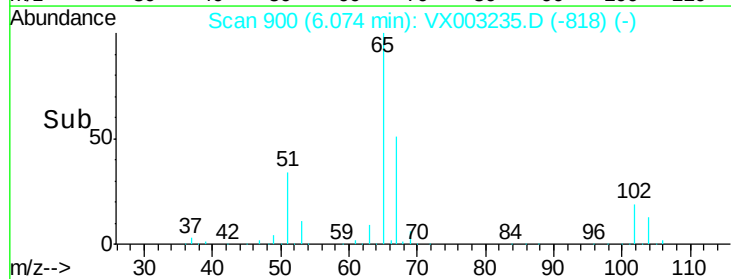
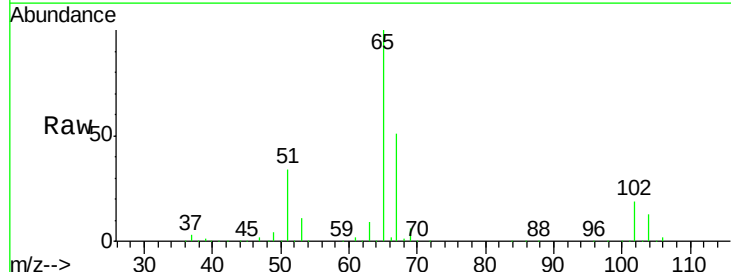
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

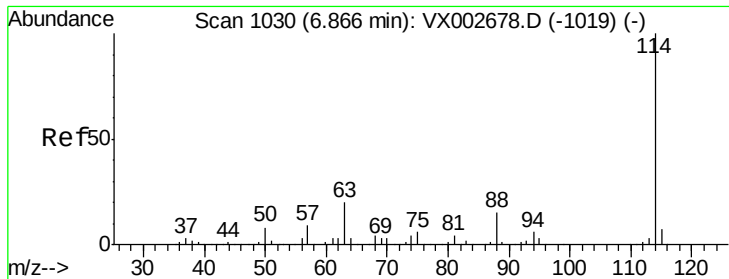
Tot Ion: 128
 Sig Exp Ratio
 128 100
 49 169.2
 130 129.7



#27
 1,2-Dichloroethane-d4
 Concen: 0.00 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003235.D
 Acq: 07 Jul 2018 01:34

Tgt Ion: 65 Resp: 179771
 Ion Ratio Lower Upper
 65 100
 67 50.7 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003235.D

Acq: 07 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

MW-4

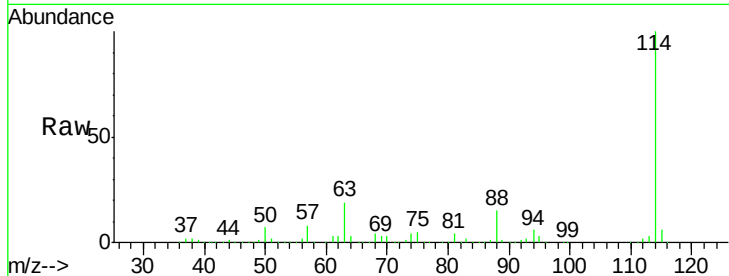
Tot Ion:114 Resp: 378750

Ion Ratio Lower Upper

114 100

63 19.7 17.1 25.7

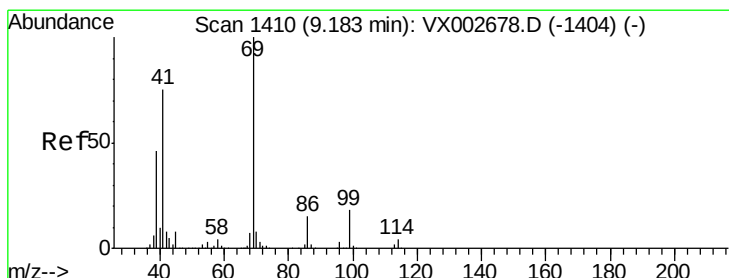
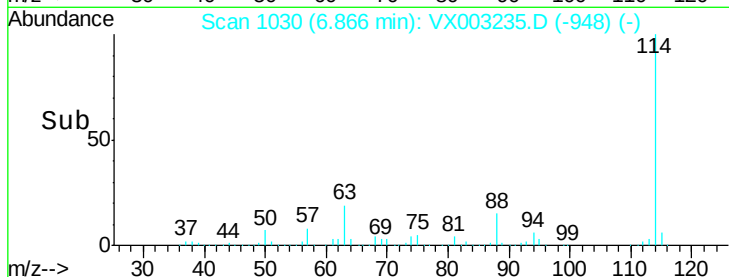
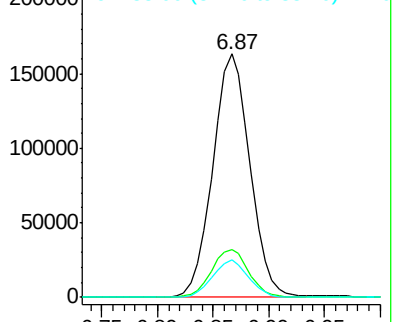
88 14.9 12.6 19.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



#51

Ethyl methacrylate

Concen: 0.30 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.46 min

Lab File: VX003235.D

Acq: 07 Jul 2018 01:34

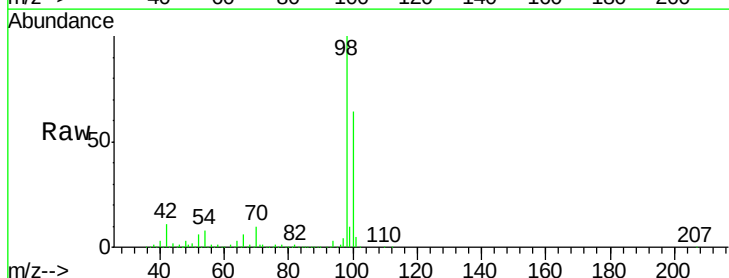
Tgt Ion: 69 Resp: 1841

Ion Ratio Lower Upper

69 100

41 82.4 39.1 117.3

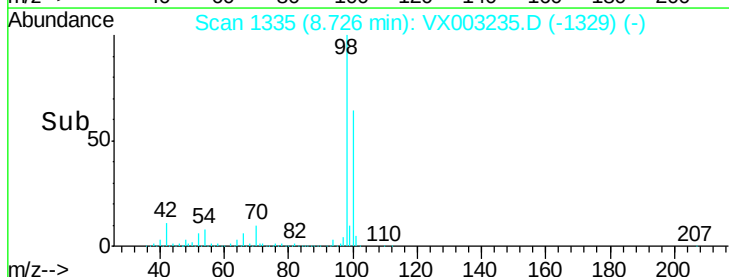
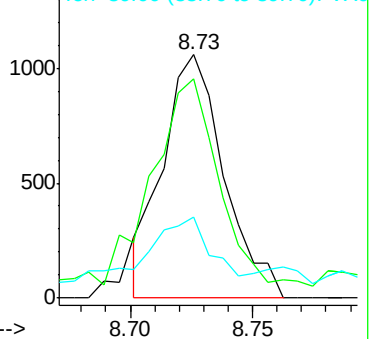
39 21.7 21.7 65.1

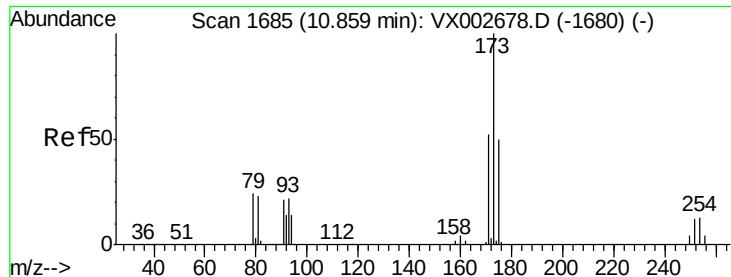


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

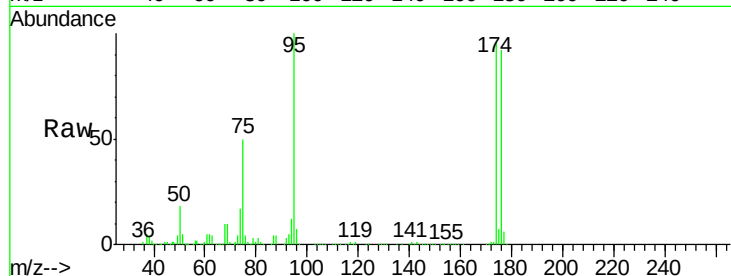




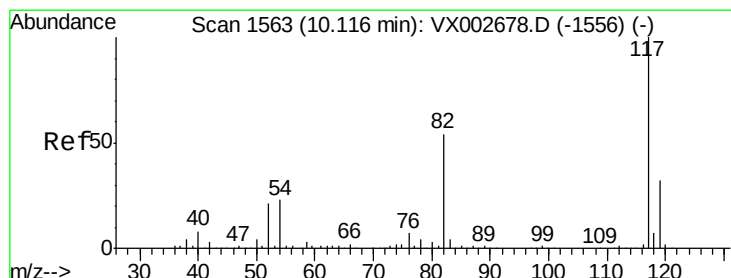
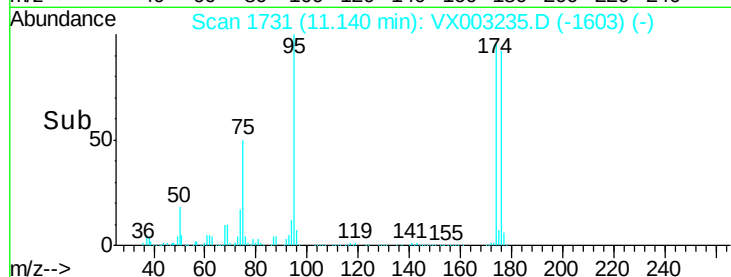
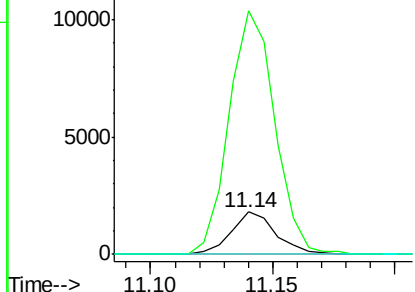
#56
Bromoform
Concen: 0.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.28 min
Lab File: VX003235.D
Acq: 07 Jul 2018 01:34

Instrument :
MSVOA_X
ClientSampled :
MW-4

Tot Ion:173 Resp: 2254
Ion Ratio Lower Upper
173 100
175 595.4 39.0 58.4#
254 0.0 9.6 14.4#

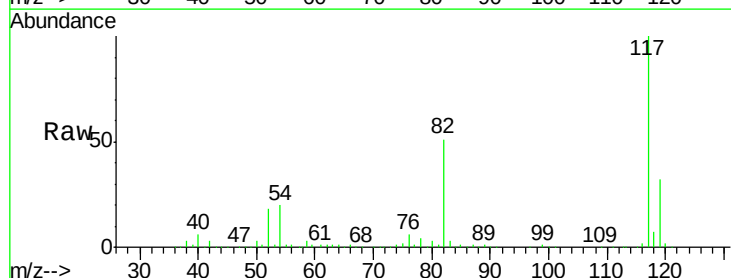


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

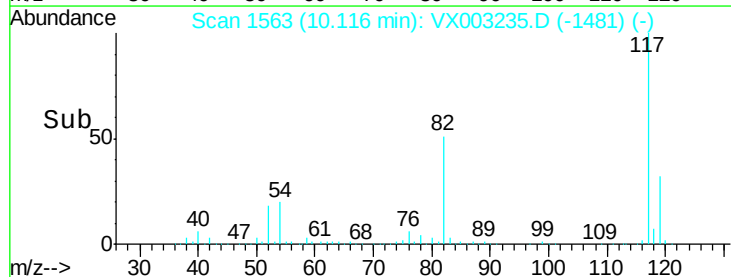
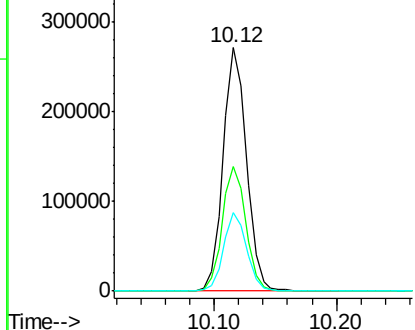


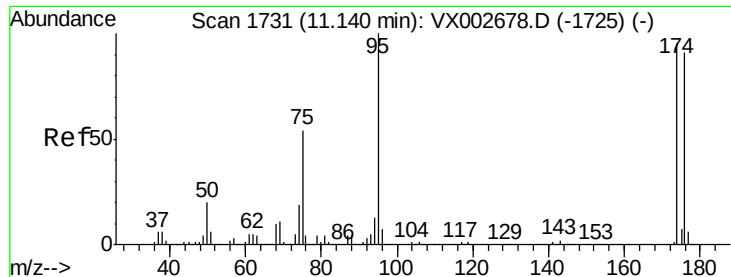
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003235.D
Acq: 07 Jul 2018 01:34

Tgt Ion:117 Resp: 358420
Ion Ratio Lower Upper
117 100
82 52.0 44.3 66.5
119 32.1 25.7 38.5



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

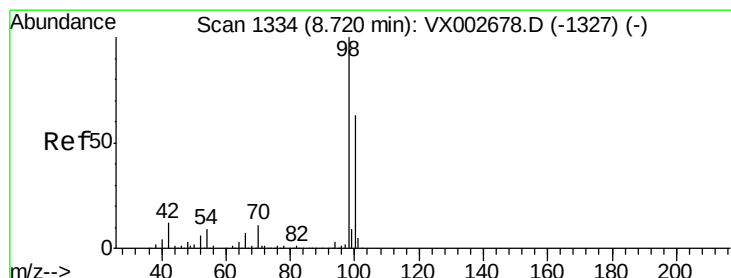
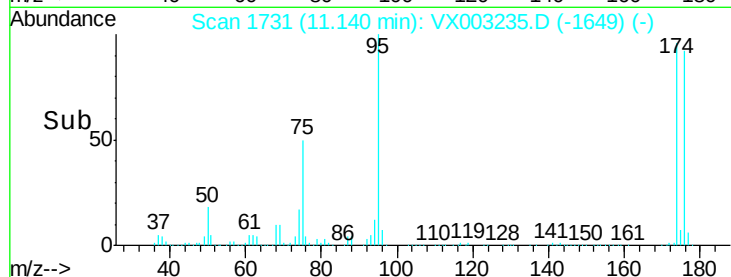
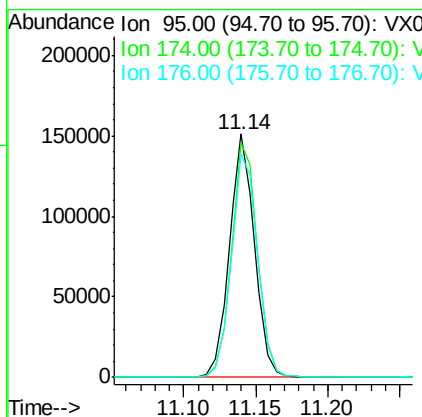
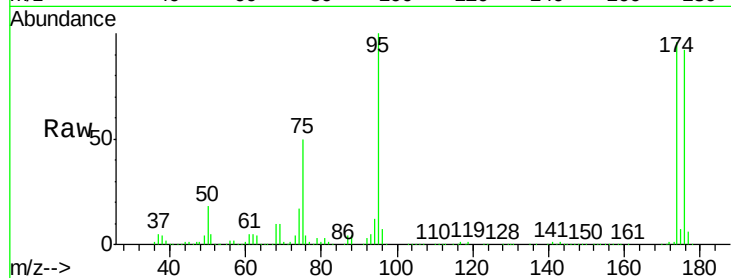




#60
4-Bromofluorobenzene
Concen: 31.20 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003235.D
Acq: 07 Jul 2018 01:34

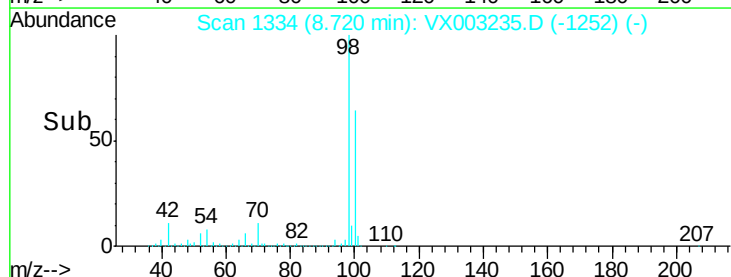
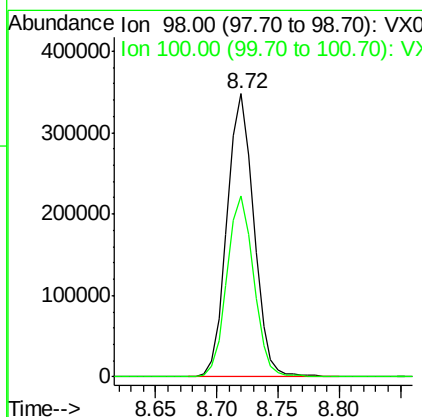
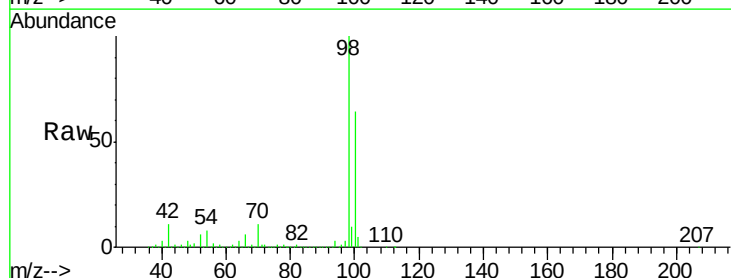
Instrument :
MSVOA_X
ClientSampleId :
MW-4

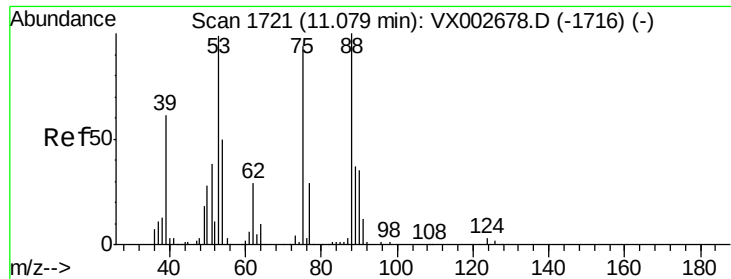
Tot Ion: 95 Resp: 184673
Ion Ratio Lower Upper
95 100
174 99.2 71.8 107.6
176 95.2 70.1 105.1



#63
Toluene-d8
Concen: 33.83 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003235.D
Acq: 07 Jul 2018 01:34

Tgt Ion: 98 Resp: 529681
Ion Ratio Lower Upper
98 100
100 64.3 50.8 76.2





#77
t-1,4-Dichloro-2-butene
Concen: 54.14 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003235.D
Acq: 07 Jul 2018 01:34

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tot Ion: 75 Resp: 91669
Ion Ratio Lower Upper
75 100
53 0.3 48.3 144.9#
89 0.0 21.8 65.4#

