

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010814.D
 Acq On : 11 Jul 2019 17:57
 Operator : JC/SP
 Sample : K3749-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Jul 12 06:56:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	350736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	324121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149782	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115268	55.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.44%	
35) Dibromofluoromethane	5.50	113	107769	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	8.71	98	417424	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.13	95	141579	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	

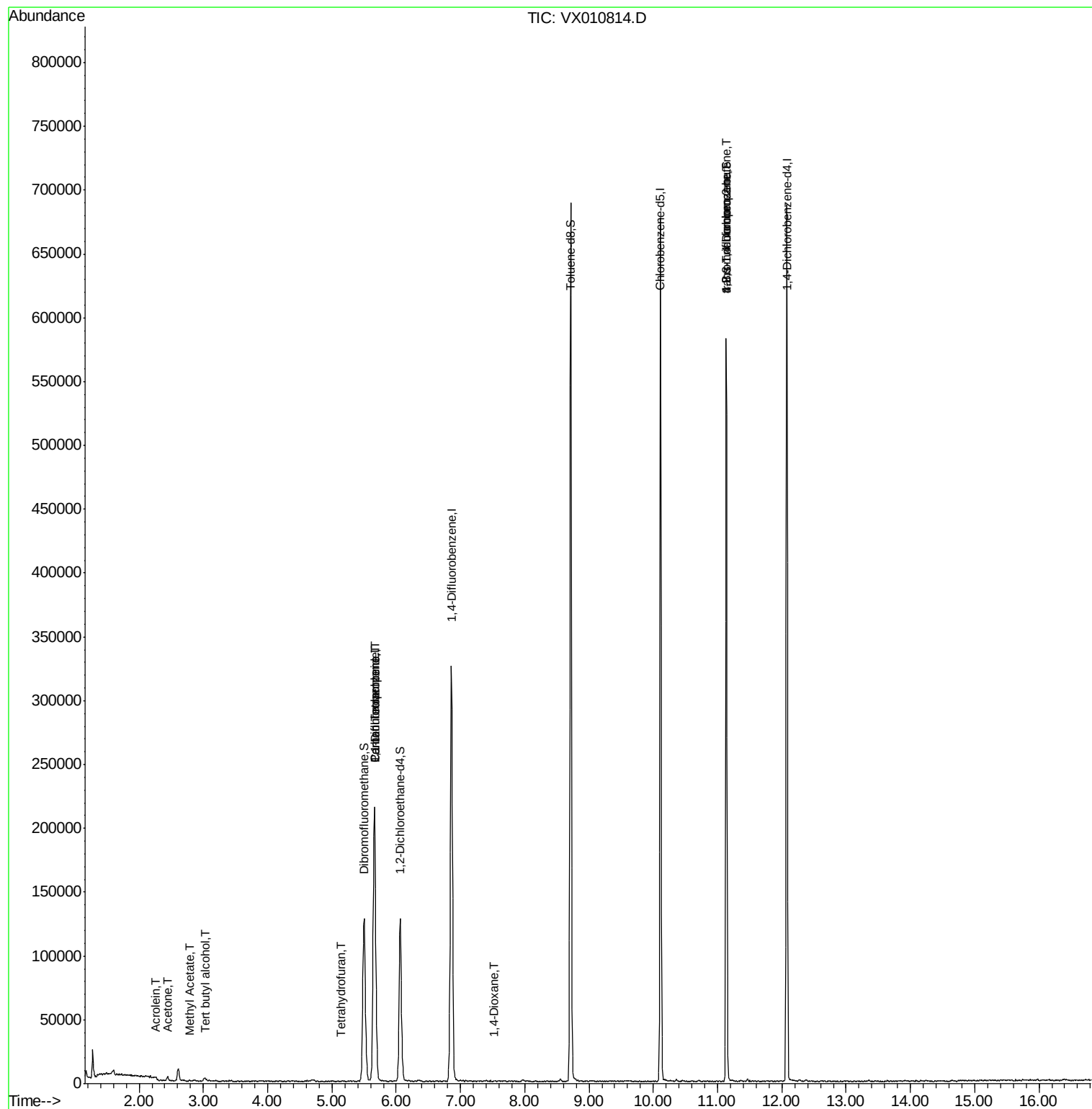
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	2198	4.060	ug/l #	94
13) Acrolein	2.27	56	128	0.356	ug/l #	44
16) Acetone	2.44	43	3964	3.823	ug/l	98
18) Methyl Acetate	2.79	43	661	0.320	ug/l #	57
29) Tetrahydrofuran	5.13	42	189	0.201	ug/l #	65
36) 1,1-Dichloropropene	5.66	75	14569	5.227	ug/l #	48
38) Carbon Tetrachloride	5.67	117	20215	6.698	ug/l #	16
49) 1,4-Dioxane	7.52	88	21	0.331	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	68661	25.156	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	68661	58.686	ug/l #	16

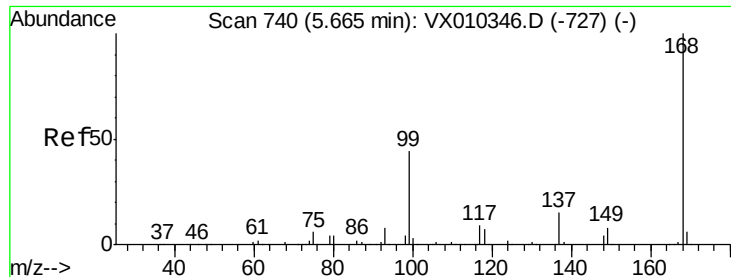
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010814.D

Acq: 11 Jul 2019 17:57

Instrument :

MSVOA_X

ClientSampled :

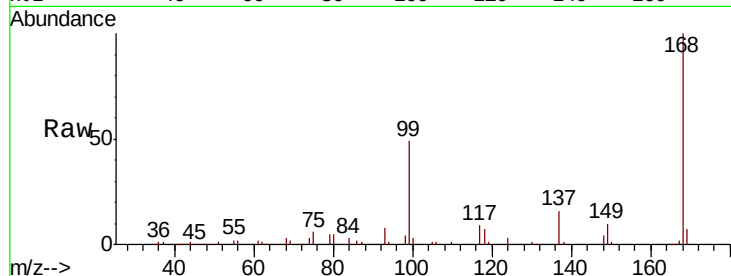
MW-5

Tot Ion:168 Resp: 220651

Ion Ratio Lower Upper

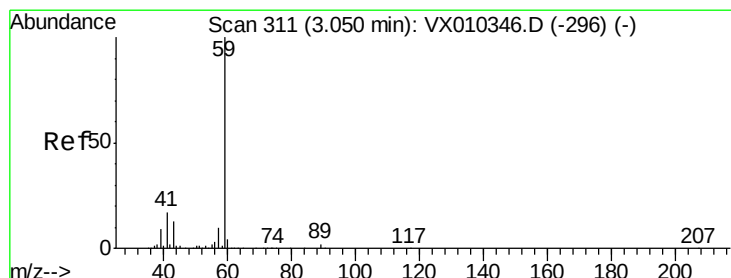
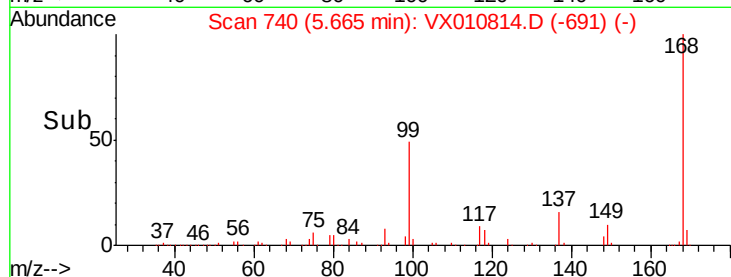
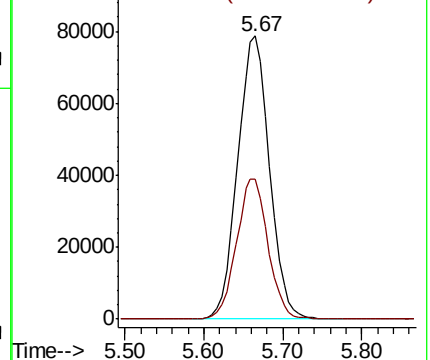
168 100

99 49.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 4.060 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.02 min

Lab File: VX010814.D

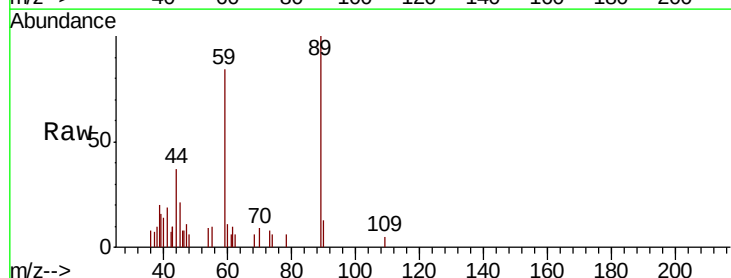
Acq: 11 Jul 2019 17:57

Tgt Ion: 59 Resp: 2198

Ion Ratio Lower Upper

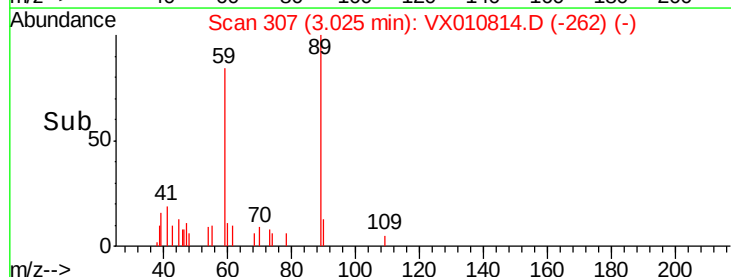
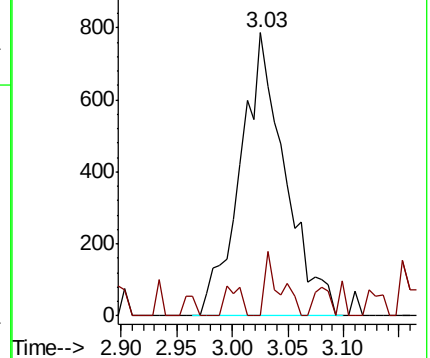
59 100

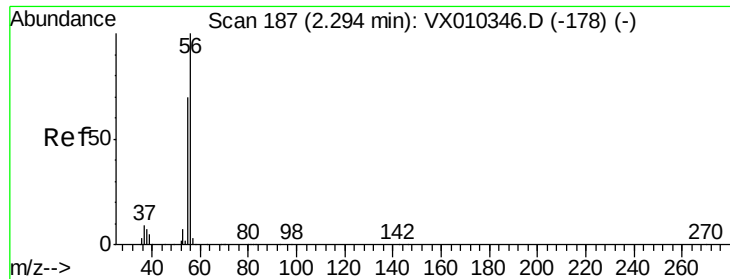
57 7.6 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.356 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX010814.D

Acq: 11 Jul 2019 17:57

Instrument :

MSVOA_X

ClientSampled :

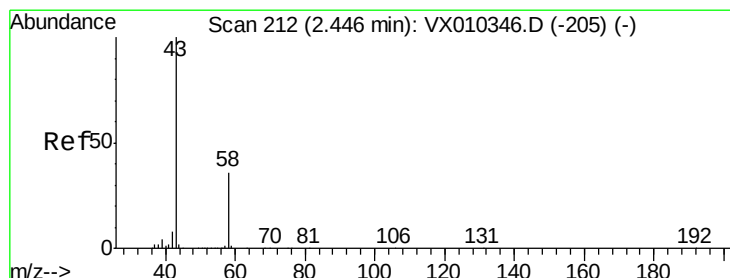
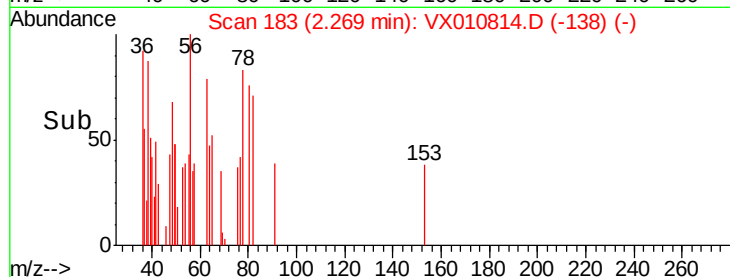
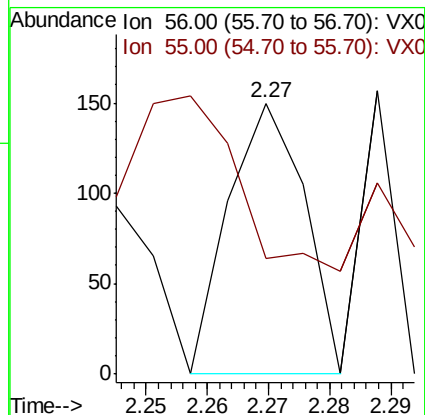
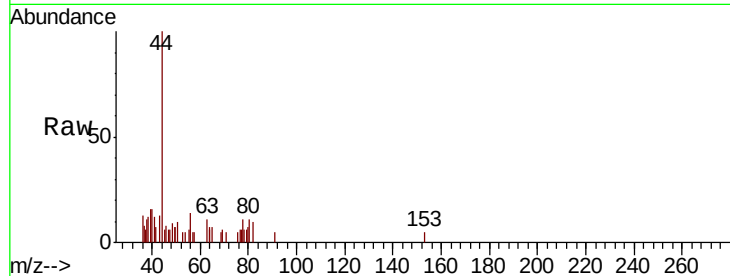
MW-5

Tot Ion: 56 Resp: 128

Ion Ratio Lower Upper

56 100

55 117.2 56.9 85.3#



#16

Acetone

Concen: 3.823 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010814.D

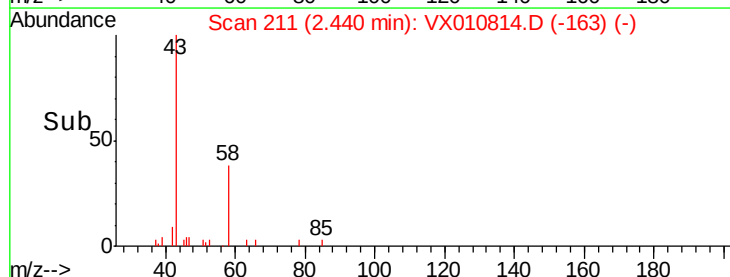
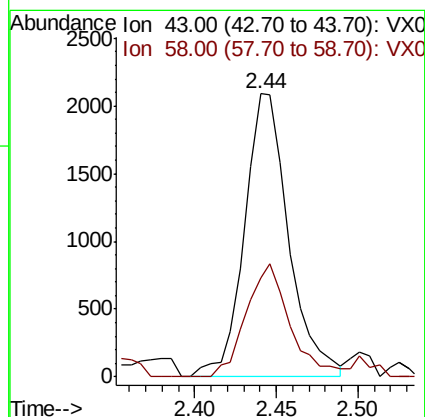
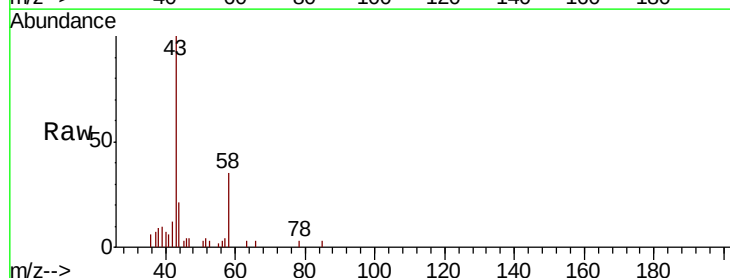
Acq: 11 Jul 2019 17:57

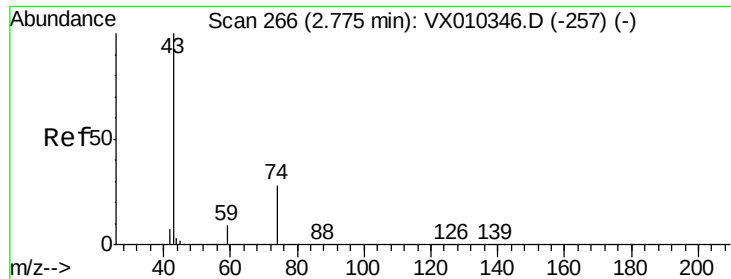
Tgt Ion: 43 Resp: 3964

Ion Ratio Lower Upper

43 100

58 35.0 28.9 43.3

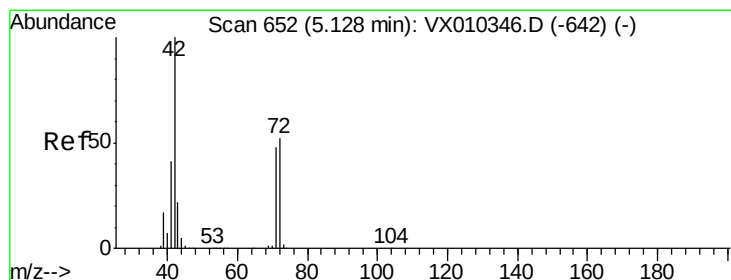
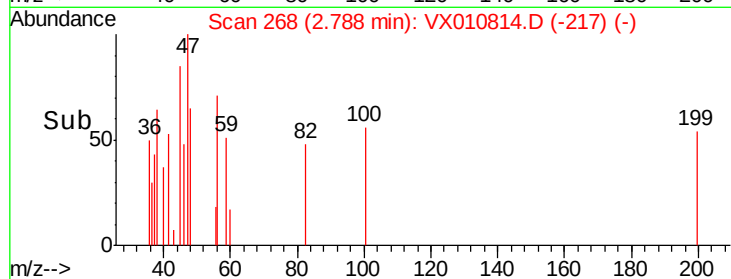
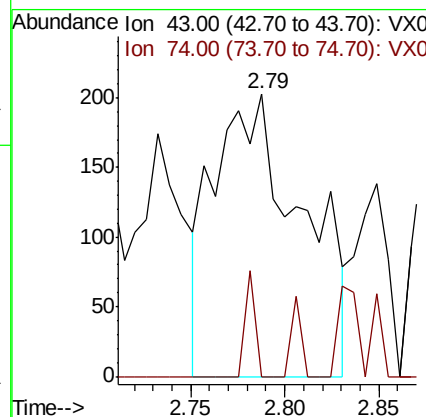
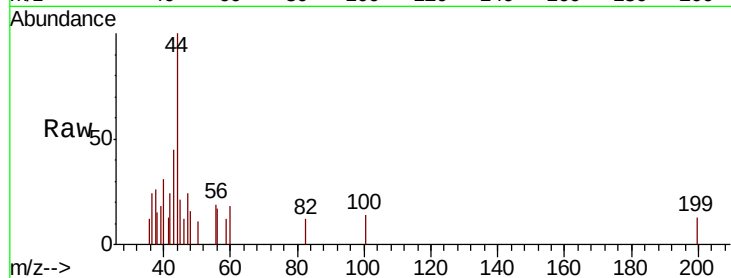




#18
Methvl Acetate
Concen: 0.320 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX010814.D
Acq: 11 Jul 2019 17:57

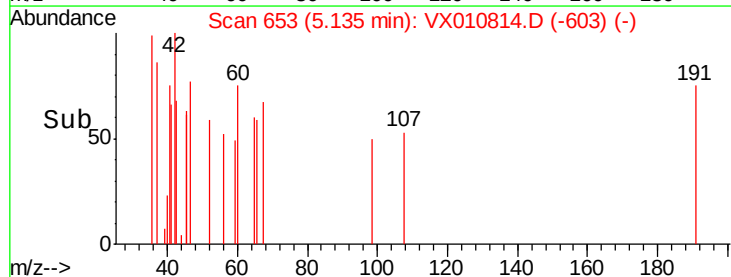
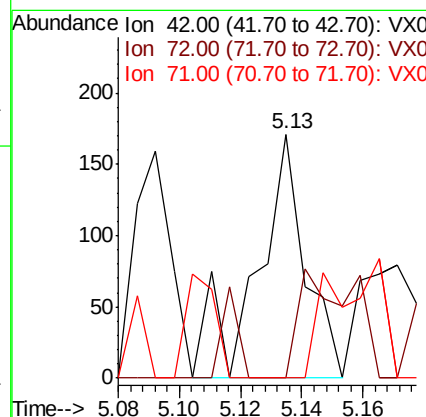
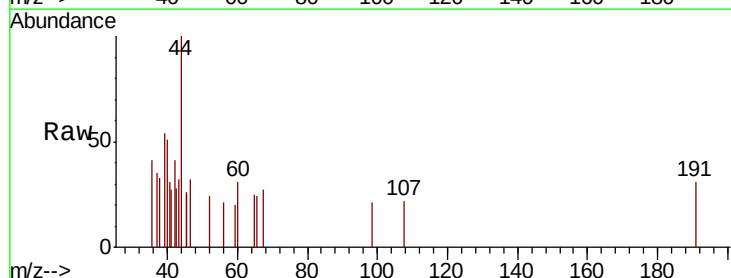
Instrument :
MSVOA_X
ClientSampled :
MW-5

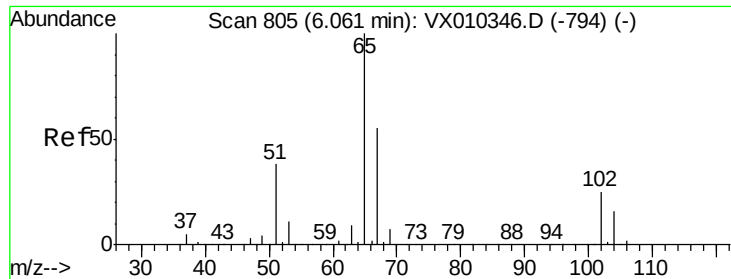
Tot Ion: 43 Resp: 661
Ion Ratio Lower Upper
43 100
74 4.2 21.3 31.9#



#29
Tetrahydrofuran
Concen: 0.201 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010814.D
Acq: 11 Jul 2019 17:57

Tgt Ion: 42 Resp: 189
Ion Ratio Lower Upper
42 100
72 49.7 40.6 60.8
71 0.0 37.8 56.8#

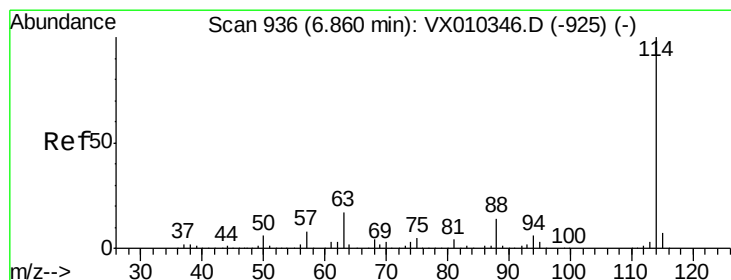
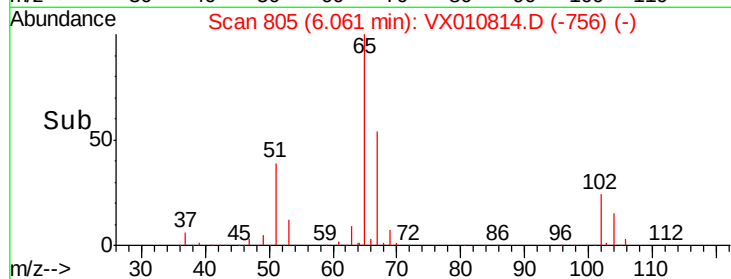
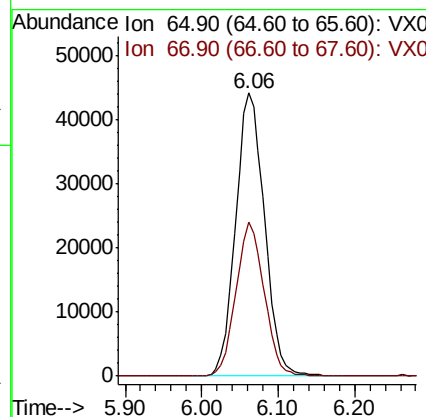
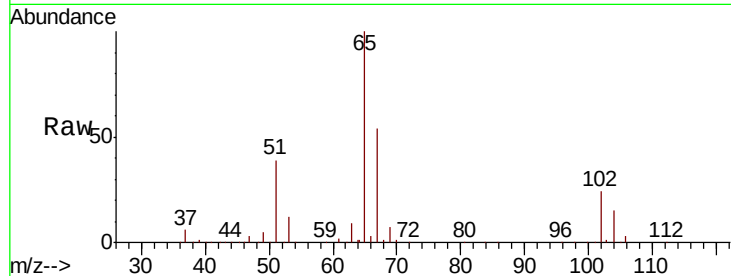




#33
 1,2-Dichloroethane-d4
 Concen: 55.717 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010814.D
 Acq: 11 Jul 2019 17:57

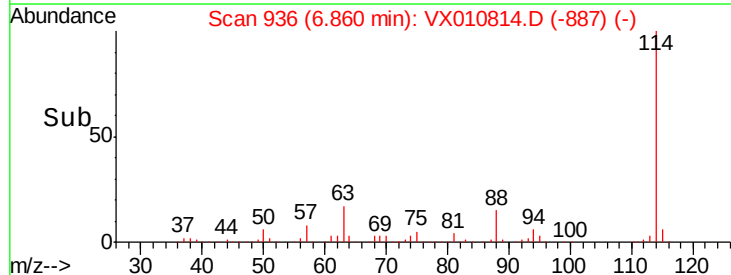
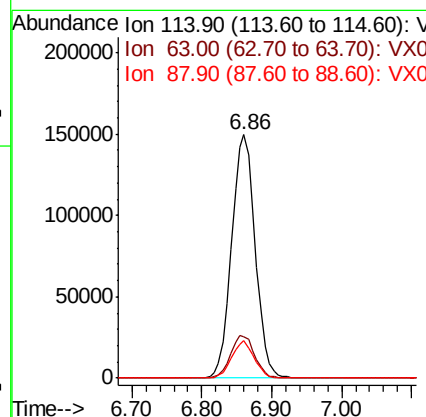
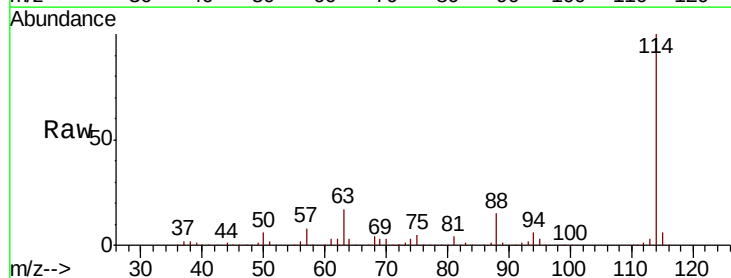
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

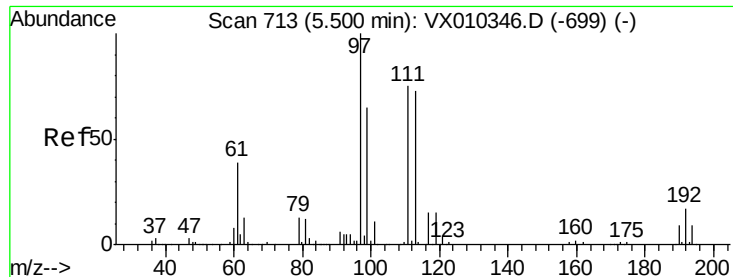
Tot Ion: 65 Resp: 115268
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010814.D
 Acq: 11 Jul 2019 17:57

Tgt Ion: 114 Resp: 350736
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 33.8
 88 15.2 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.220 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010814.D

Acq: 11 Jul 2019 17:57

Instrument :

MSVOA_X

ClientSampleId :

MW-5

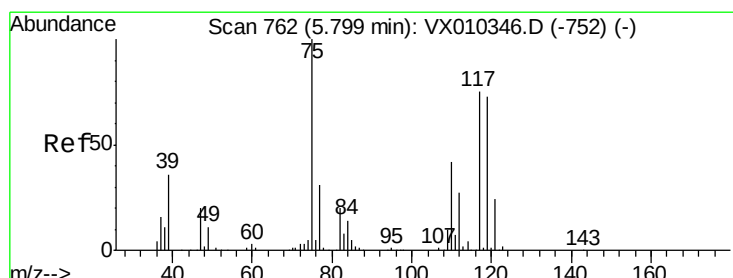
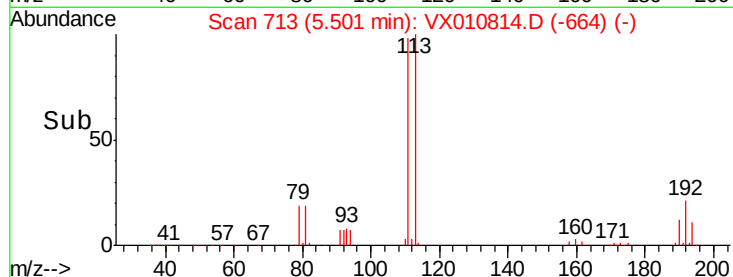
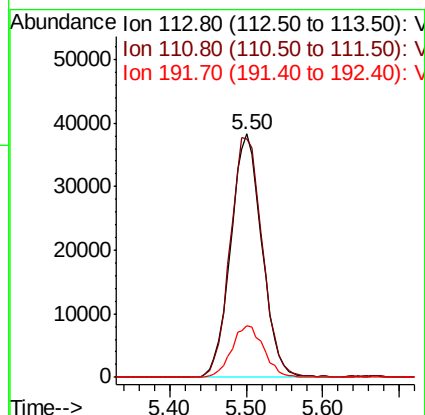
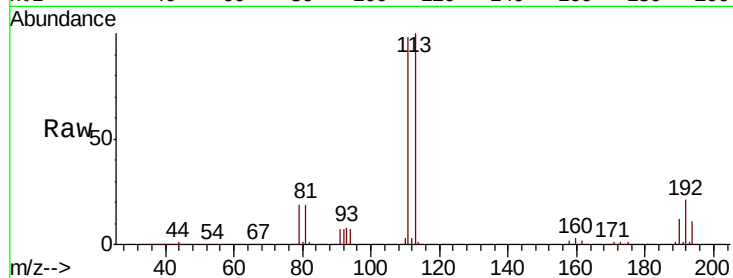
Tot Ion:113 Resp: 107769

Ion Ratio Lower Upper

113 100

111 101.8 81.2 121.8

192 21.8 18.6 27.8



#36

1,1-Dichloropropene

Concen: 5.227 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010814.D

Acq: 11 Jul 2019 17:57

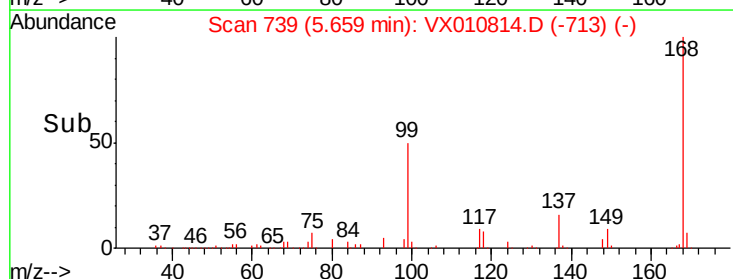
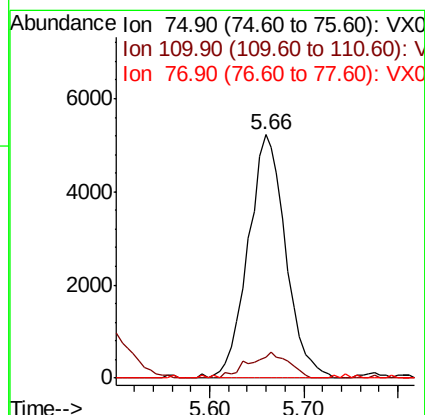
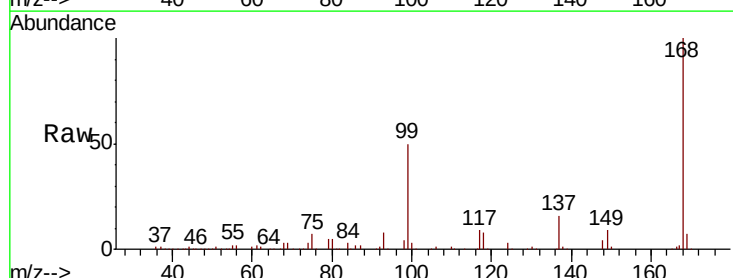
Tgt Ion: 75 Resp: 14569

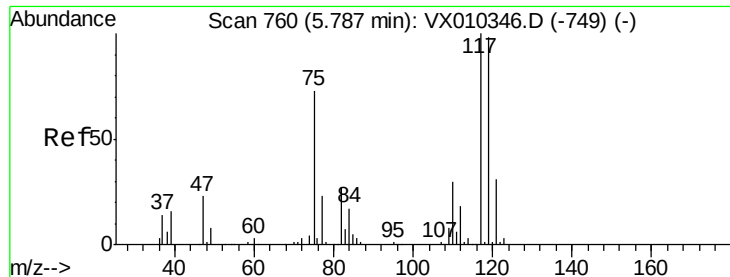
Ion Ratio Lower Upper

75 100

110 11.1 20.8 62.2#

77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.698 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010814.D

Acq: 11 Jul 2019 17:57

Instrument :

MSVOA_X

ClientSampled :

MW-5

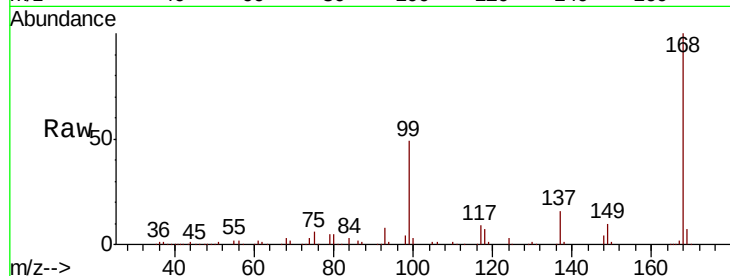
Tot Ion:117 Resp: 20215

Ion Ratio Lower Upper

117 100

119 5.7 78.2 117.4#

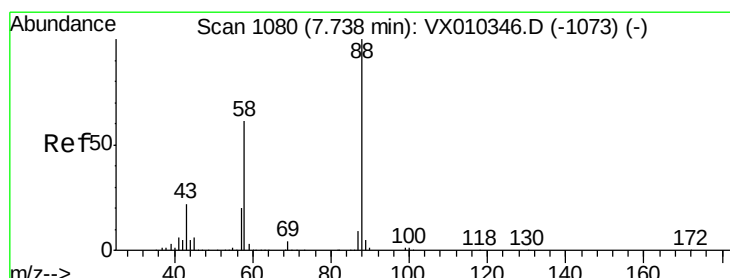
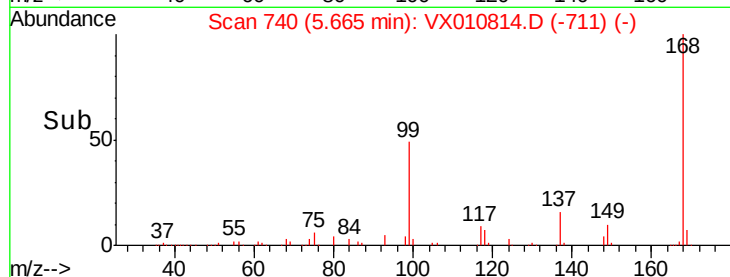
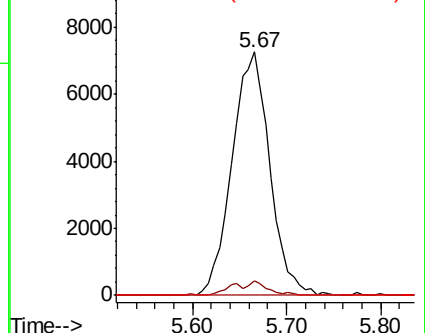
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 0.331 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.22 min

Lab File: VX010814.D

Acq: 11 Jul 2019 17:57

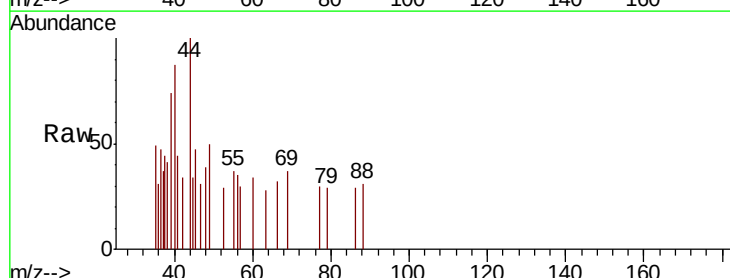
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 771.4 20.2 30.2#

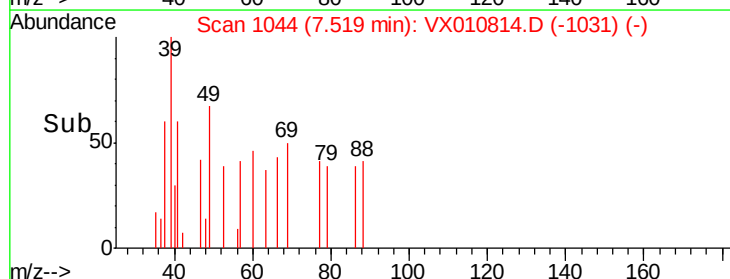
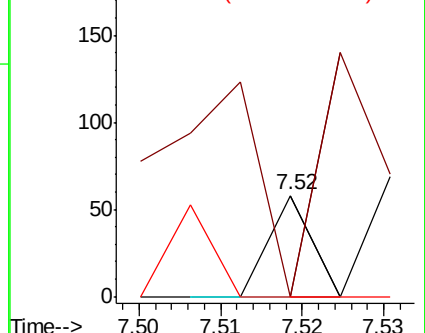
58 0.0 49.5 74.3#

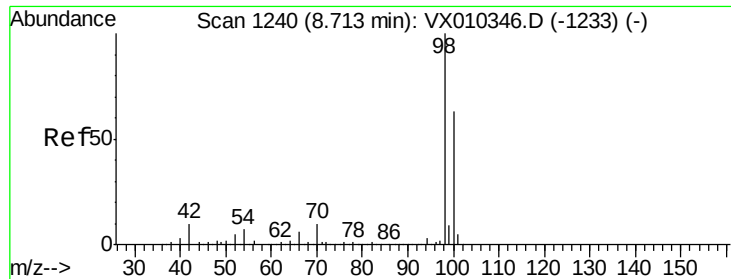


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

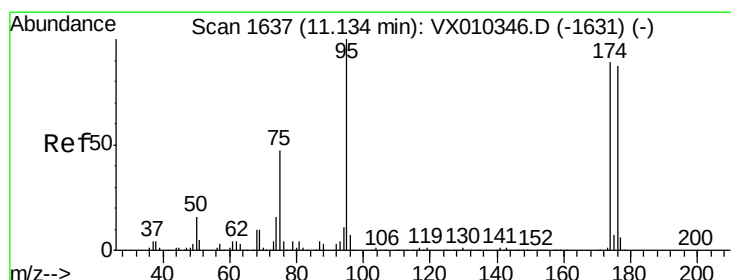
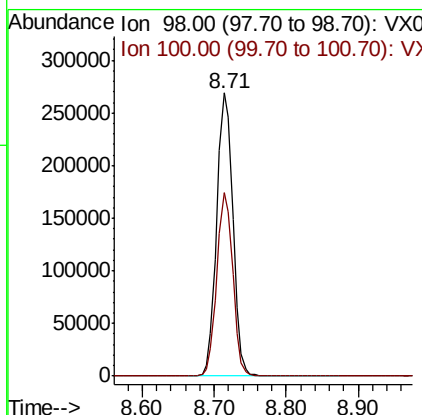
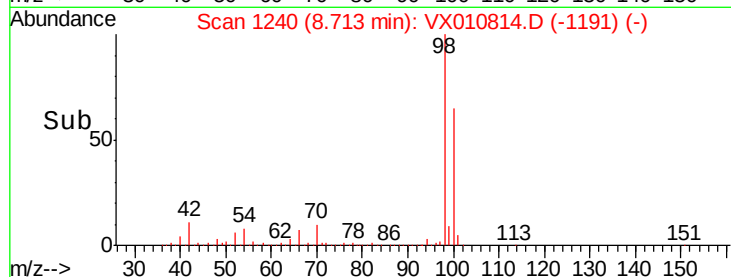
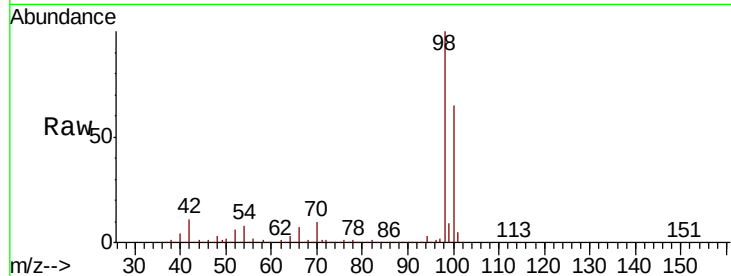




#50
Toluene-d8
Concen: 50.844 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010814.D
Acq: 11 Jul 2019 17:57

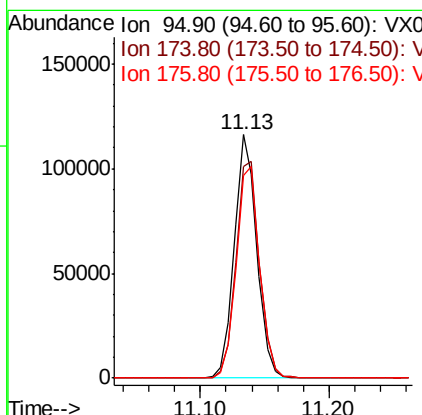
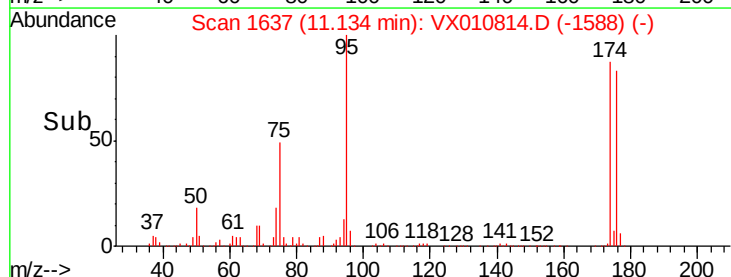
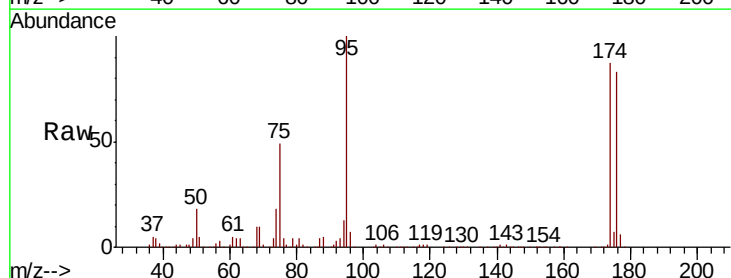
Instrument :
MSVOA_X
ClientSampleId :
MW-5

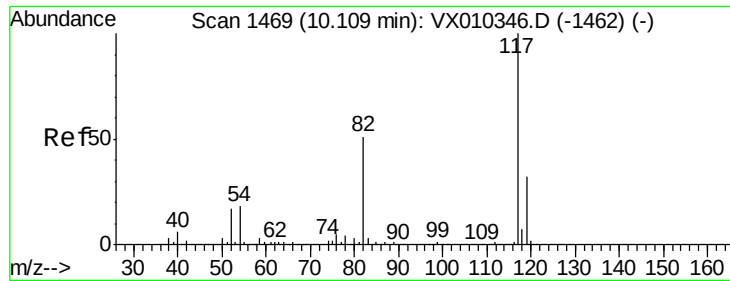
Tot Ion: 98 Resp: 417424
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.766 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010814.D
Acq: 11 Jul 2019 17:57

Tgt Ion: 95 Resp: 141579
Ion Ratio Lower Upper
95 100
174 93.8 0.0 187.6
176 90.5 0.0 184.0

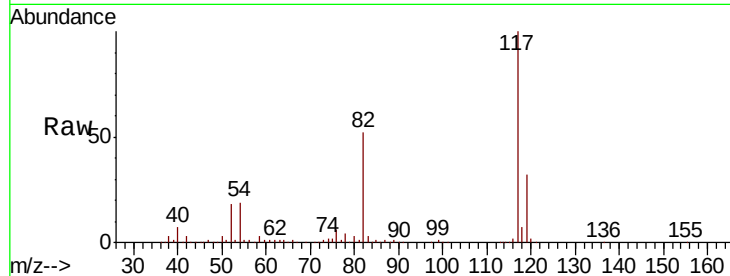




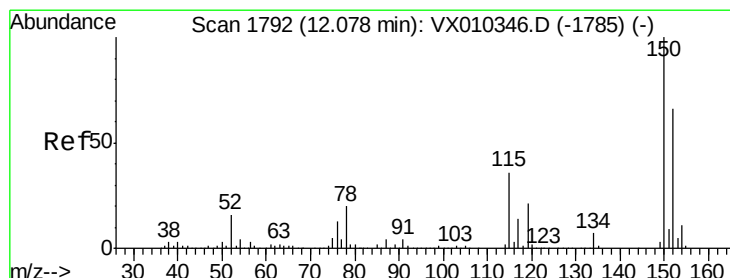
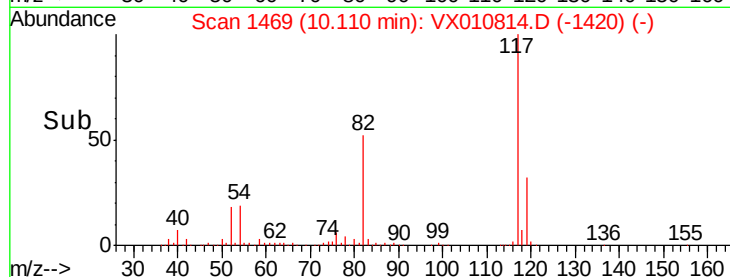
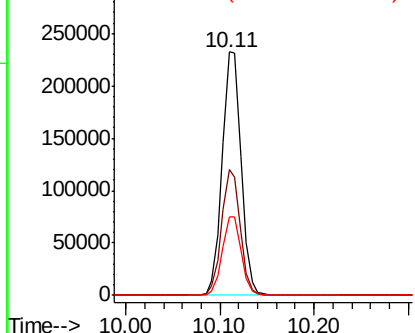
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010814.D
Acq: 11 Jul 2019 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tot Ion:117 Resp: 324121
Ion Ratio Lower Upper
117 100
82 51.9 41.2 61.8
119 32.4 25.5 38.3

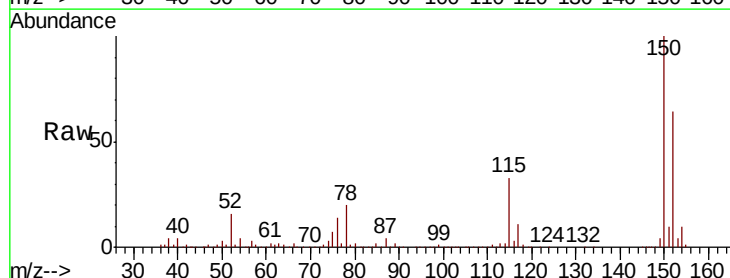


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

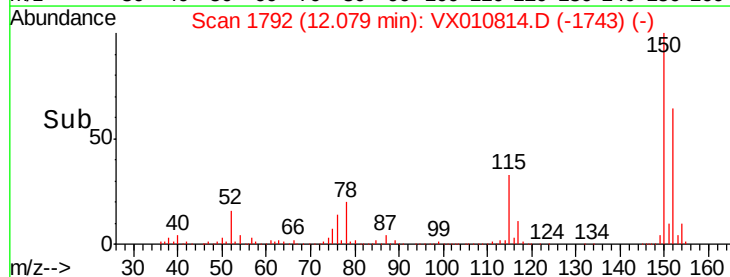
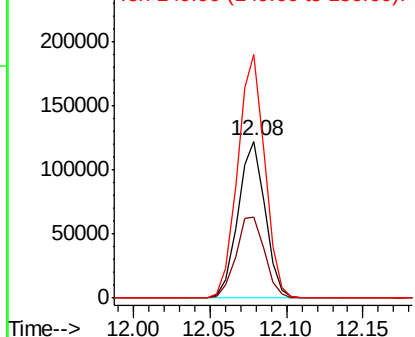


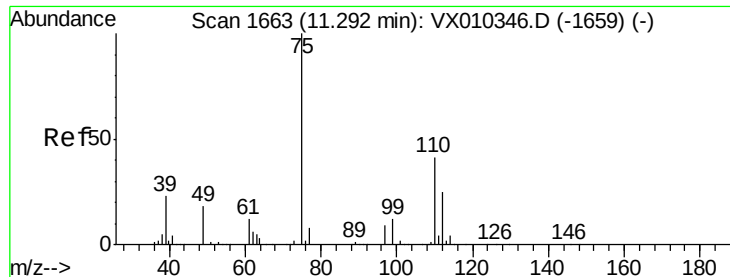
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010814.D
Acq: 11 Jul 2019 17:57

Tgt Ion:152 Resp: 149782
Ion Ratio Lower Upper
152 100
115 55.1 38.6 115.7
150 155.9 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

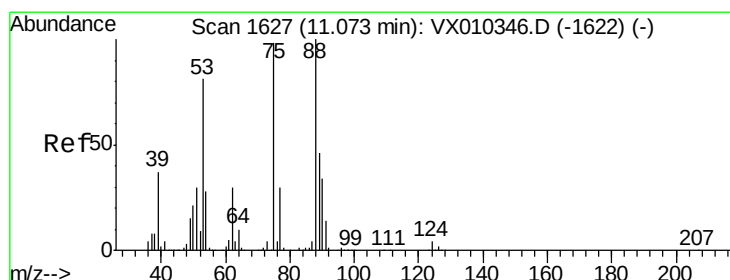
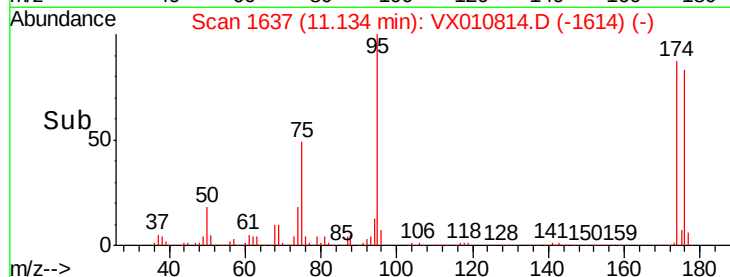
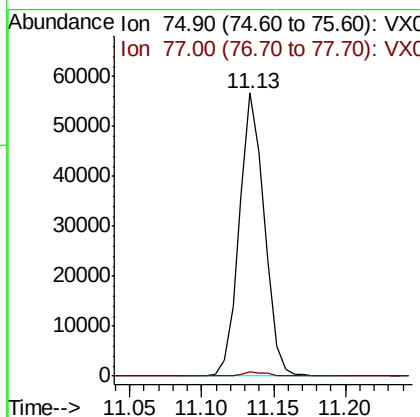
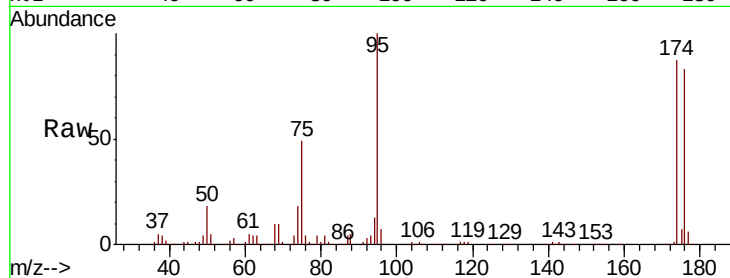




#76
 1,2,3-Trichloropropane
 Concen: 25.156 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010814.D
 Acq: 11 Jul 2019 17:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Tot Ion: 75 Resp: 68661
 Ion Ratio Lower Upper
 75 100
 77 1.6 22.6 67.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.686 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010814.D
 Acq: 11 Jul 2019 17:57

Tgt Ion: 75 Resp: 68661
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.1 99.1#
 89 0.1 37.8 56.6#

