

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032819\
 Data File : VX008528.D
 Acq On : 28 Mar 2019 18:33
 Operator : JC/SP
 Sample : K2121-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Mar 29 03:35:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

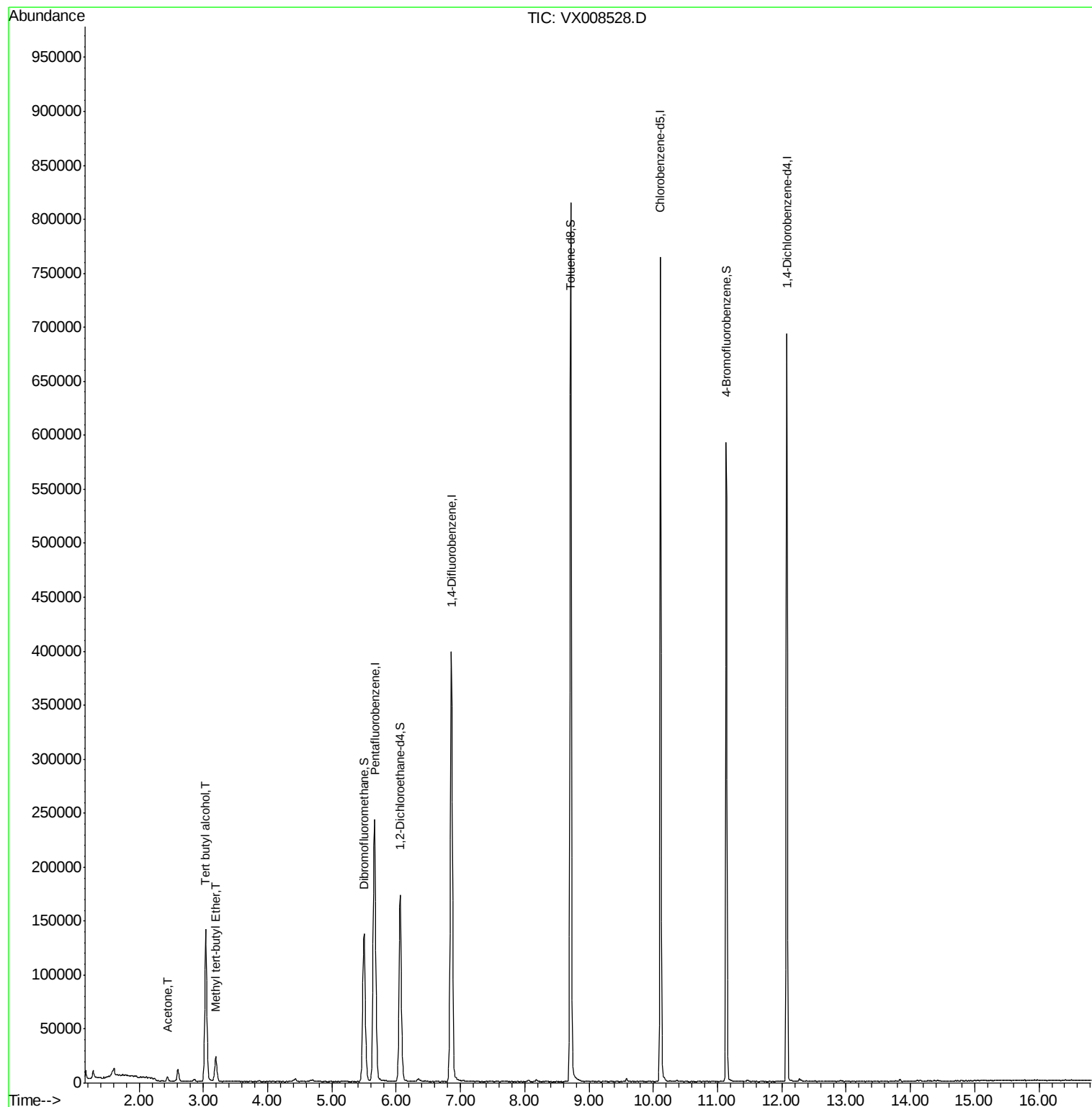
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	329038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	160827	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
35) Dibromofluoromethane	5.50	113	118923	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
50) Toluene-d8	8.71	98	483638	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	161158	43.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.04%	
Target Compounds						
11) Tert butyl alcohol	3.04	59	162746	212.190	ug/l	99
16) Acetone	2.44	43	4809	2.658	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	24375	2.546	ug/l	97

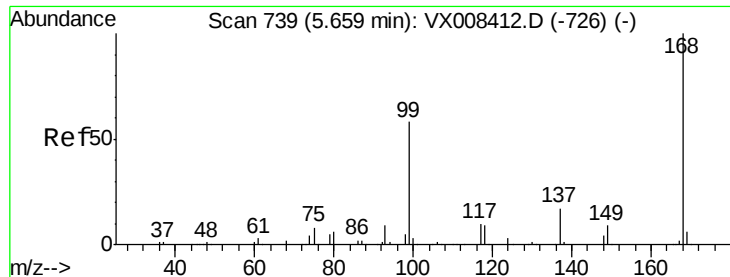
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008528.D

Acq: 28 Mar 2019 18:33

Instrument :

MSVOA_X

ClientSampled :

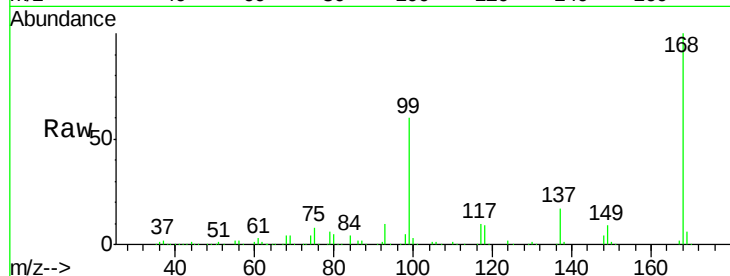
MW-6

Tot Ion:168 Resp: 228346

Ion Ratio Lower Upper

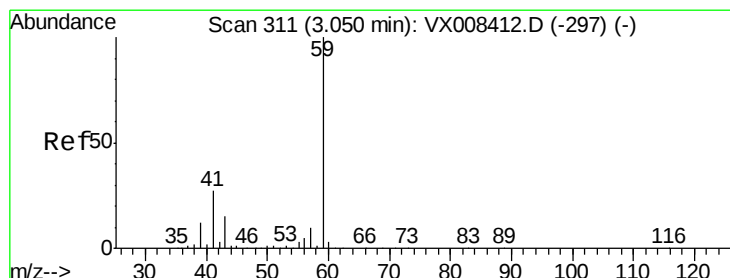
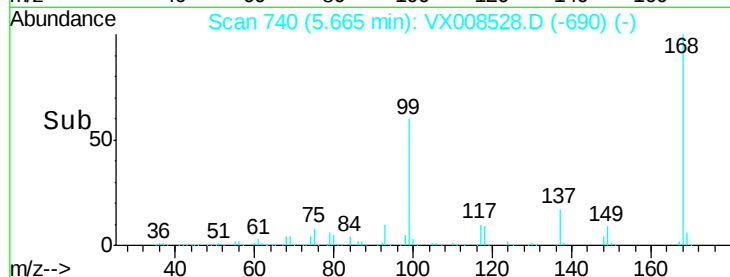
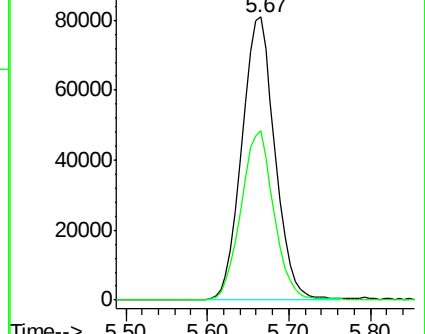
168 100

99 59.8 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 212.190 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX008528.D

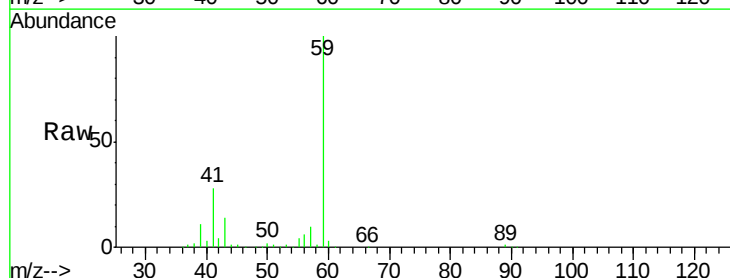
Acq: 28 Mar 2019 18:33

Tgt Ion: 59 Resp: 162746

Ion Ratio Lower Upper

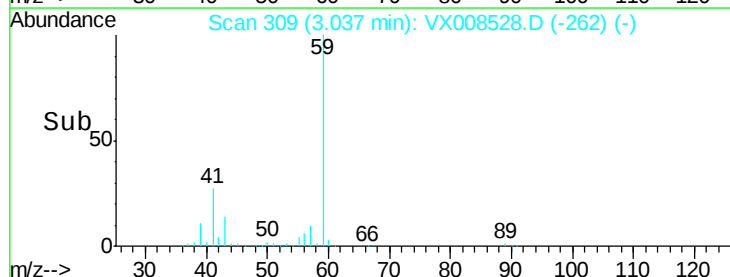
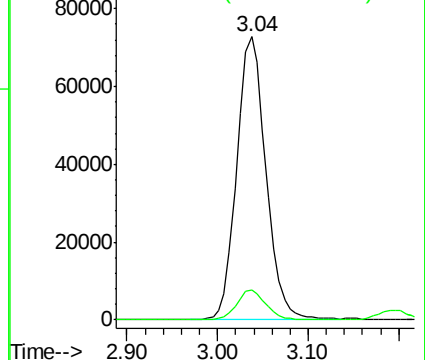
59 100

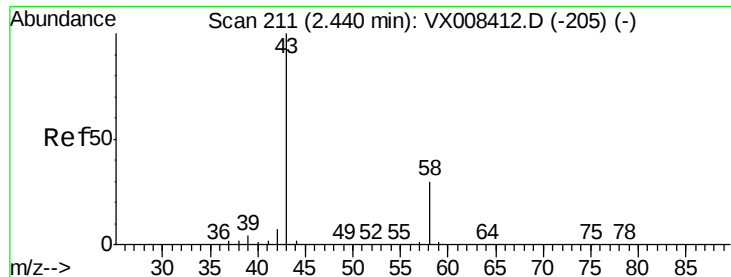
57 10.6 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 2.658 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008528.D

Acq: 28 Mar 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

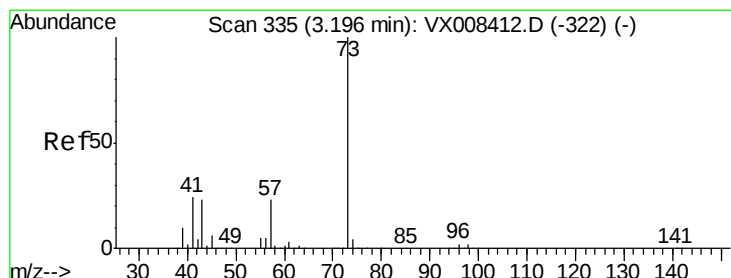
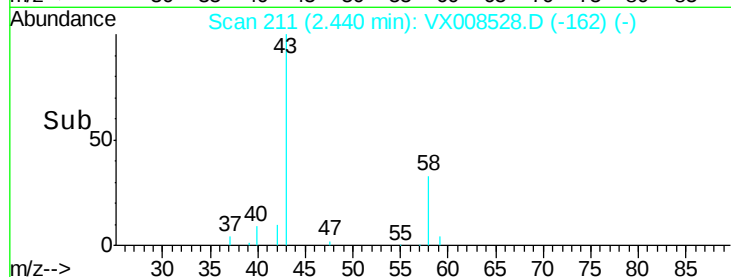
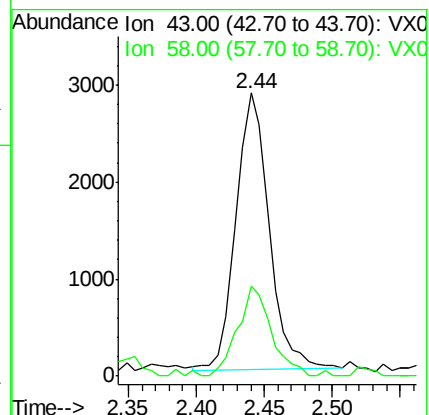
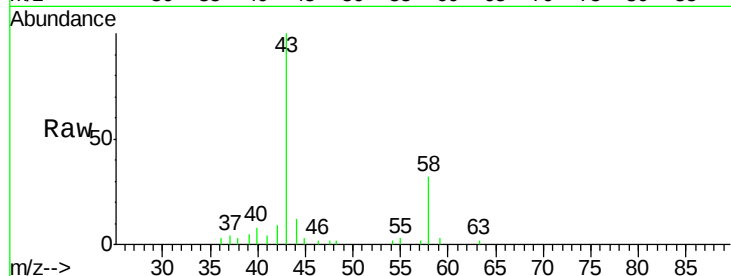
MW-6

Tot Ion: 43 Resp: 4809

Ion Ratio Lower Upper

43 100

58 30.6 24.2 36.2



#19

Methyl tert-butyl Ether

Concen: 2.546 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX008528.D

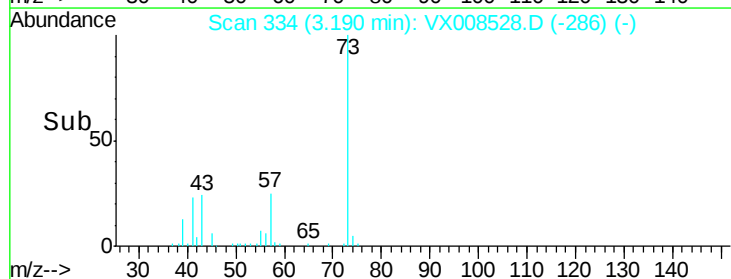
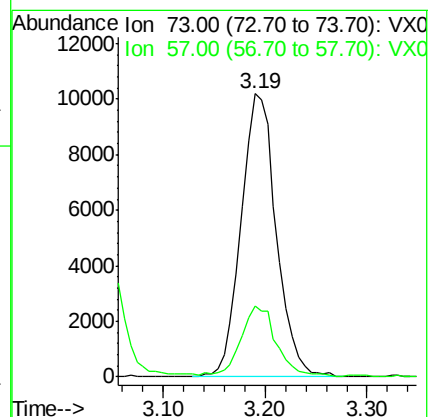
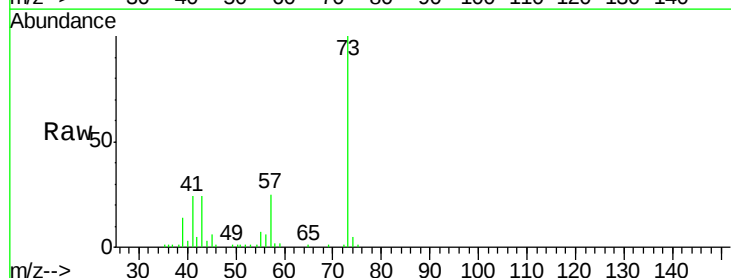
Acq: 28 Mar 2019 18:33

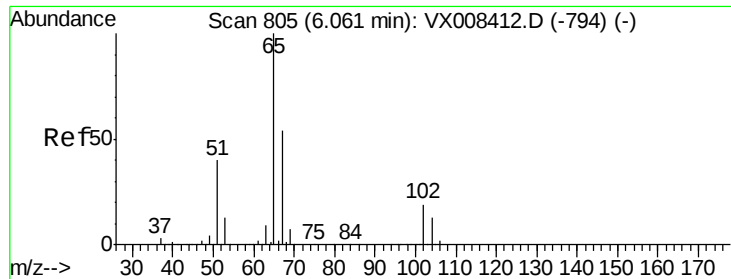
Tgt Ion: 73 Resp: 24375

Ion Ratio Lower Upper

73 100

57 24.9 18.6 28.0





#33

1,2-Dichloroethane-d4

Concen: 46.458 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008528.D

Acq: 28 Mar 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

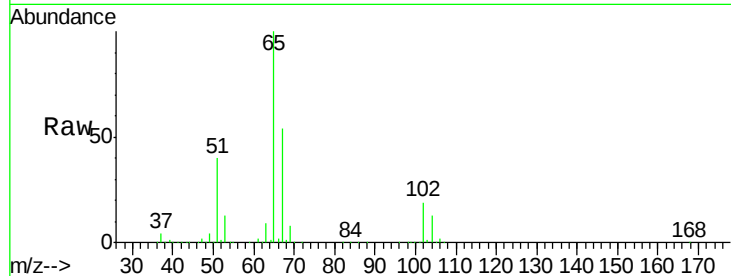
MW-6

Tot Ion: 65 Resp: 160827

Ion Ratio Lower Upper

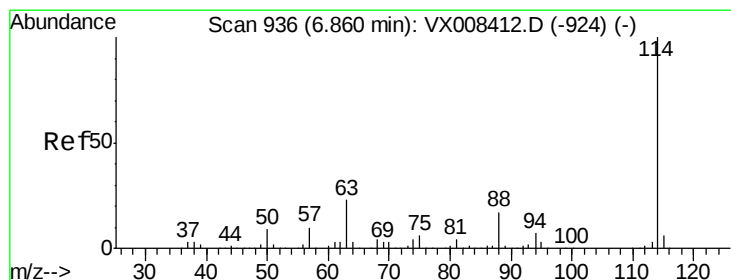
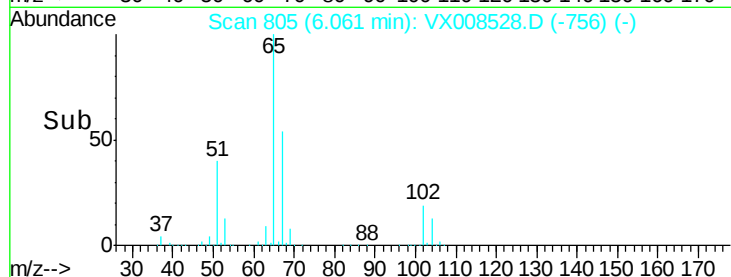
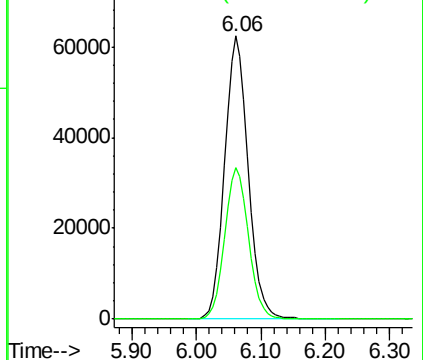
65 100

67 54.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008528.D

Acq: 28 Mar 2019 18:33

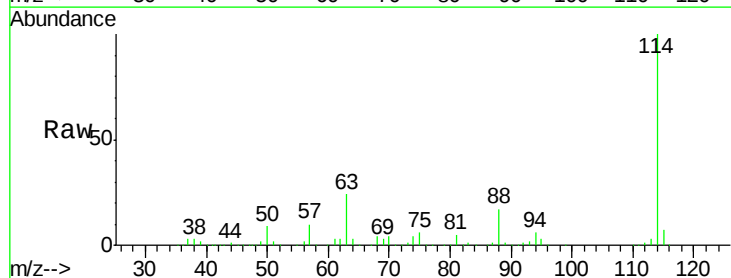
Tgt Ion: 114 Resp: 387707

Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.4

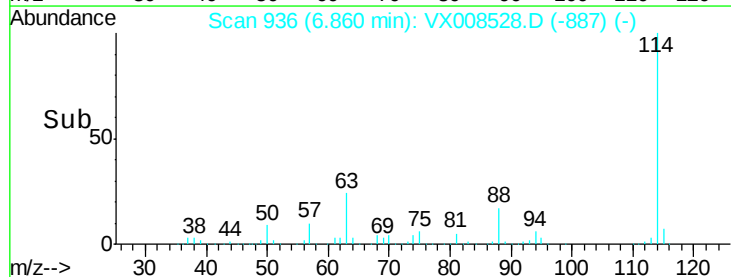
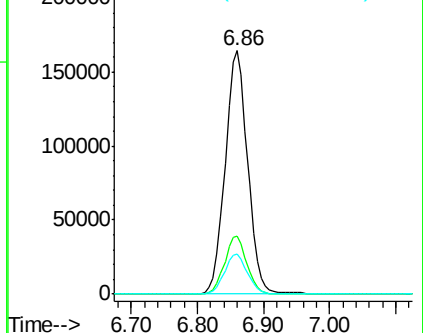
88 16.7 0.0 33.2

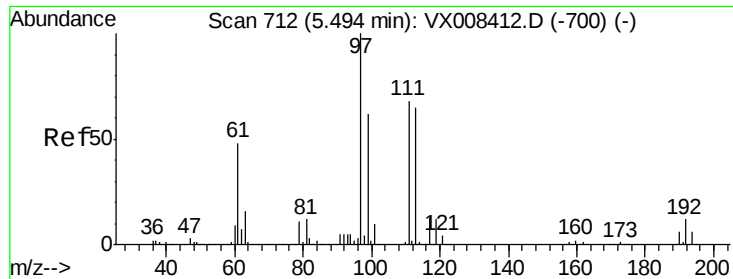


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

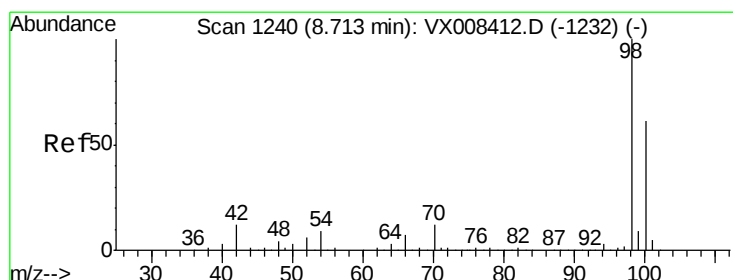
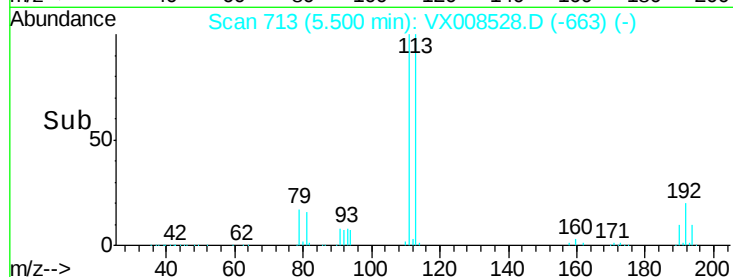
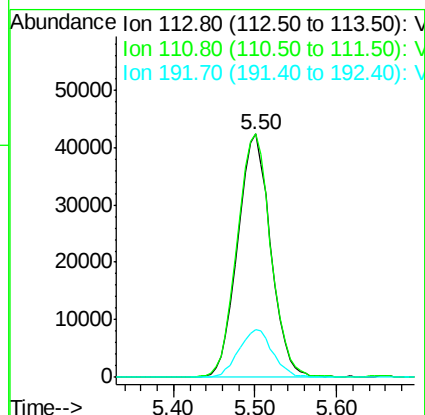
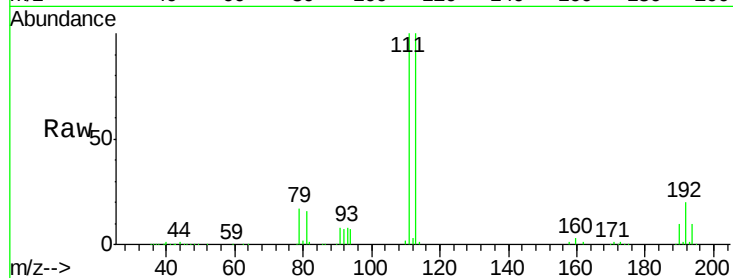




#35
 Dibromofluoromethane
 Concen: 47.042 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008528.D
 Acq: 28 Mar 2019 18:33

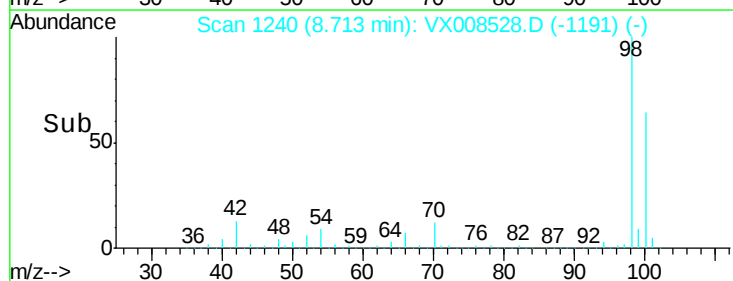
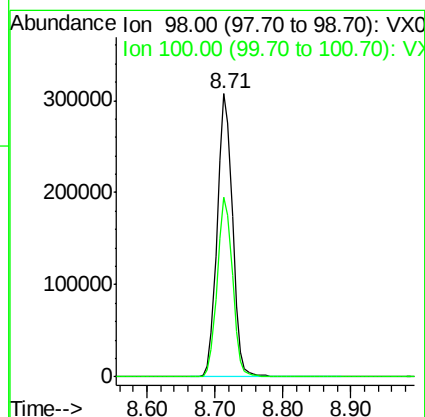
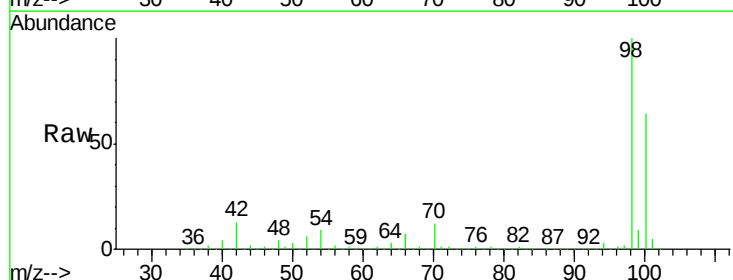
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

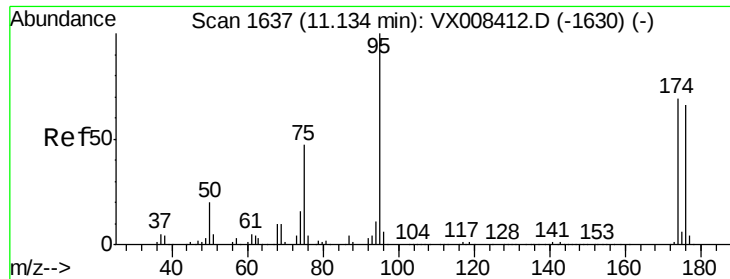
Tot Ion:113 Resp: 118923
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.0 124.4
 192 20.0 15.6 23.4



#50
 Toluene-d8
 Concen: 47.844 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008528.D
 Acq: 28 Mar 2019 18:33

Tgt Ion: 98 Resp: 483638
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 43.023 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008528.D

Acq: 28 Mar 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

MW-6

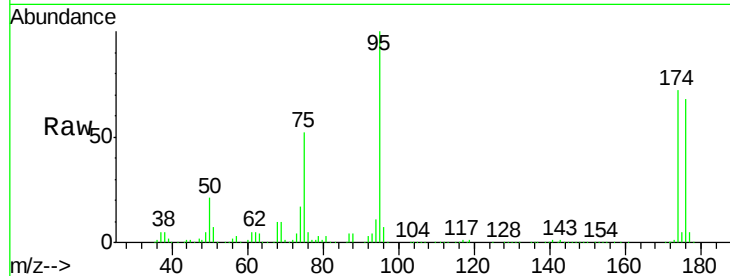
Tot Ion: 95 Resp: 161158

Ion Ratio Lower Upper

95 100

174 75.1 0.0 147.2

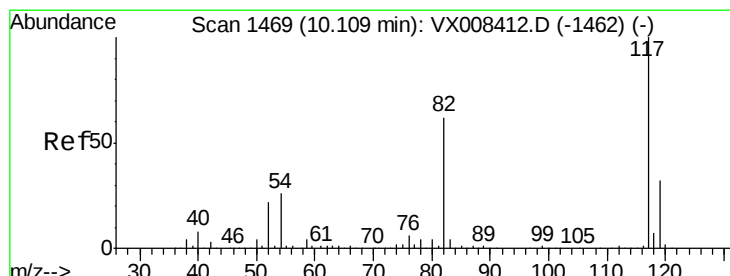
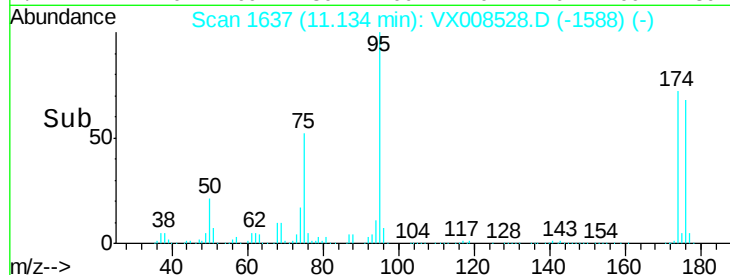
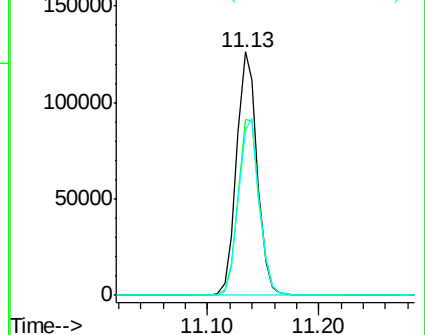
176 73.0 0.0 142.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008528.D

Acq: 28 Mar 2019 18:33

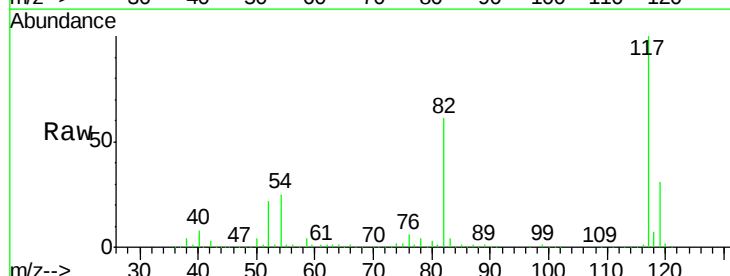
Tgt Ion: 117 Resp: 329038

Ion Ratio Lower Upper

117 100

82 61.3 49.4 74.2

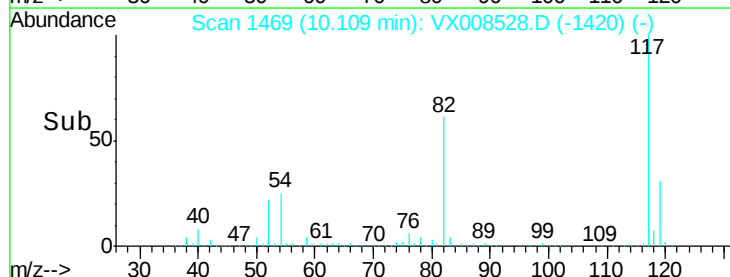
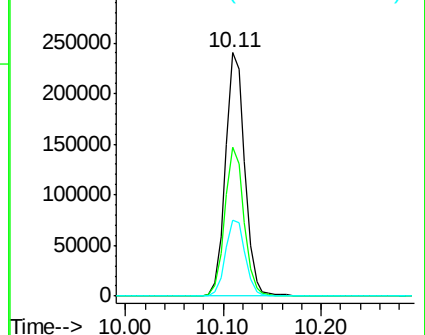
119 31.4 25.4 38.0

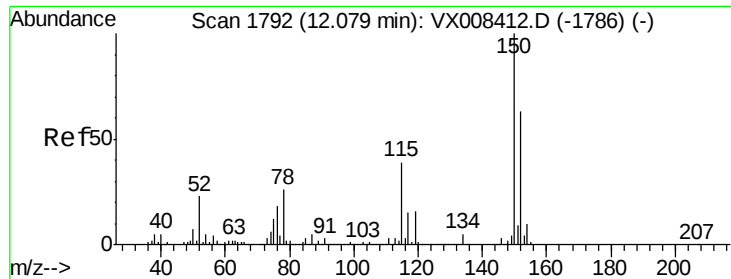


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX008528.D

Acq: 28 Mar 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

MW-6

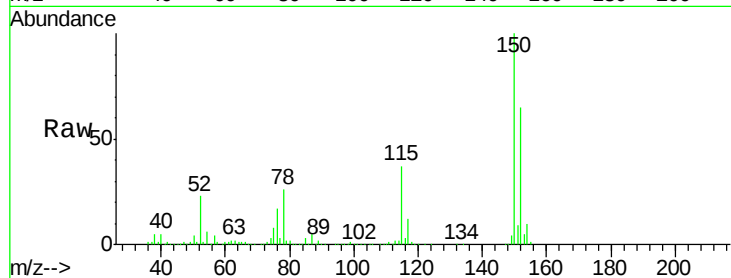
Tot Ion:152 Resp: 136817

Ion Ratio Lower Upper

152 100

115 60.9 43.5 130.5

150 156.0 0.0 348.8



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

