

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042219\
 Data File : VX009105.D
 Acq On : 22 Apr 2019 18:19
 Operator : JC/SP
 Sample : K2522-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WELL-2

Quant Time: Apr 23 04:27:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

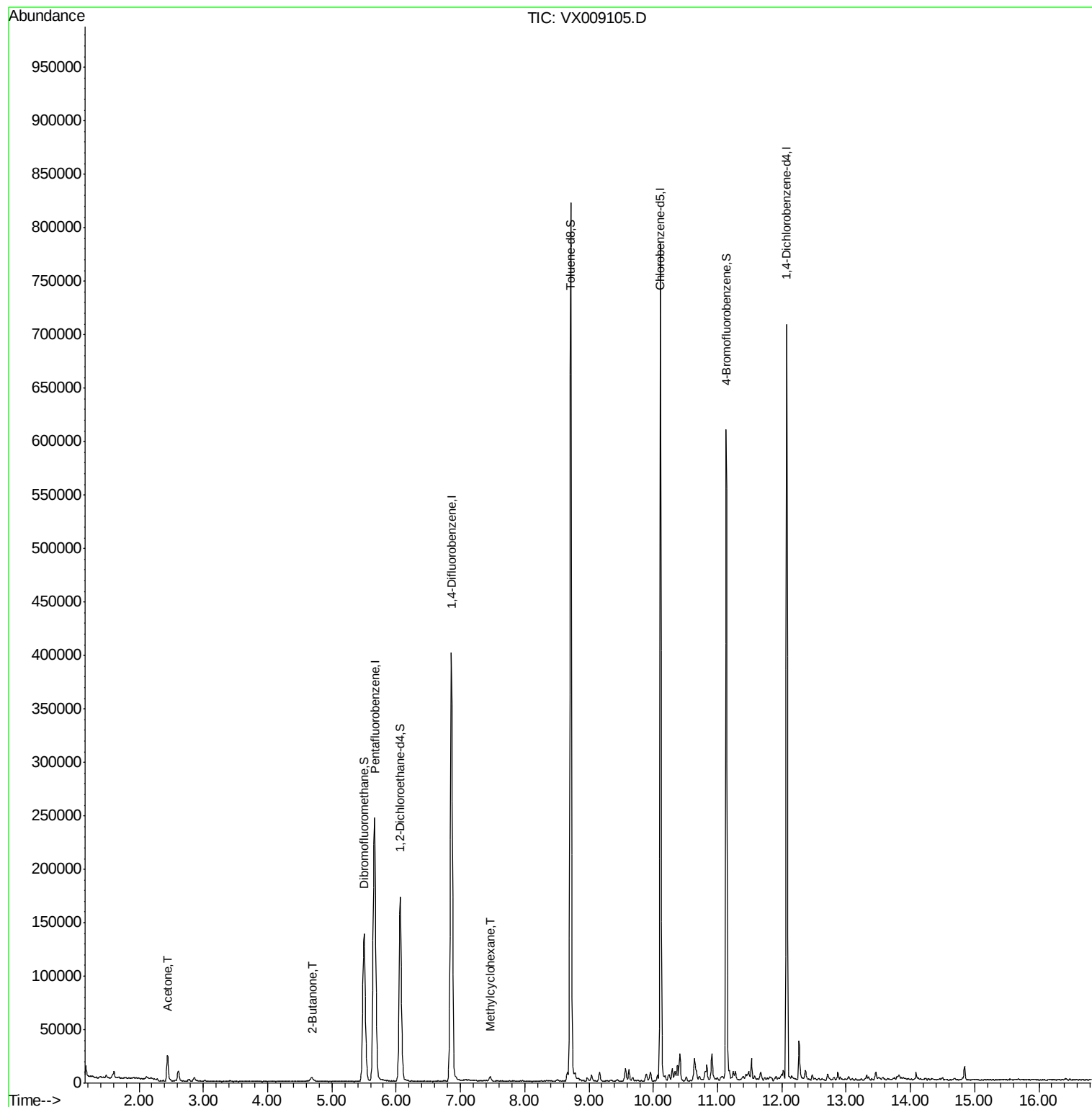
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393606	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	161250	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
35) Dibromofluoromethane	5.50	113	118701	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	8.71	98	490667	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	11.13	95	164535	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
Target Compounds						
16) Acetone	2.45	43	26223	14.792	ug/l	97
25) 2-Butanone	4.69	43	6201	2.188	ug/l #	88
39) Methylcyclohexane	7.46	83	1905	0.384	ug/l	96

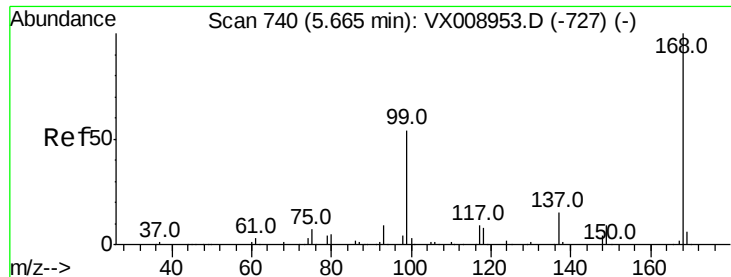
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009105.D

Acq: 22 Apr 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

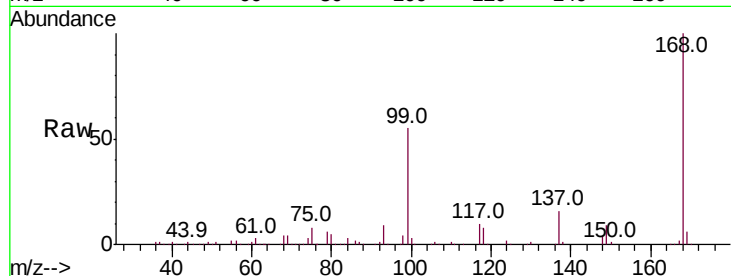
WELL-2

Tot Ion:168 Resp: 242571

Ion Ratio Lower Upper

168 100

99 54.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

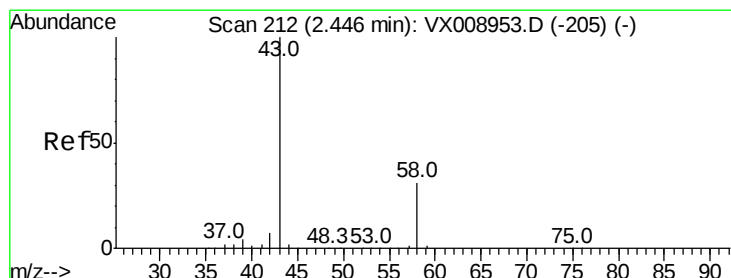
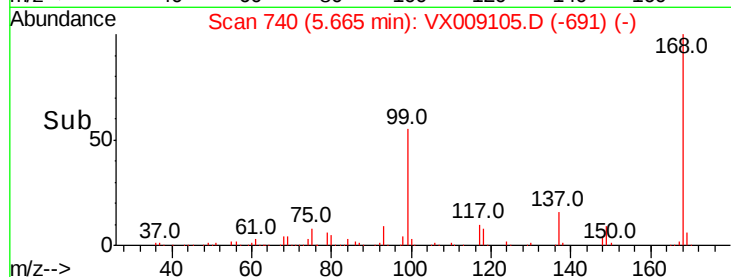
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.792 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009105.D

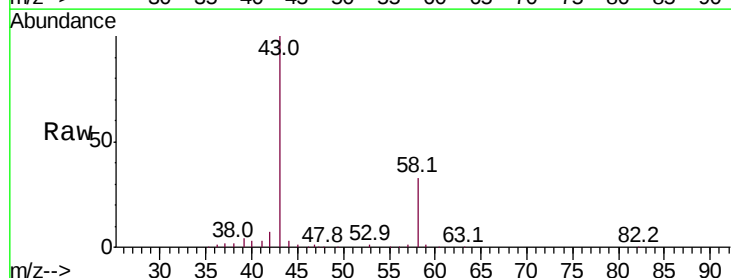
Acq: 22 Apr 2019 18:19

Tgt Ion: 43 Resp: 26223

Ion Ratio Lower Upper

43 100

58 32.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

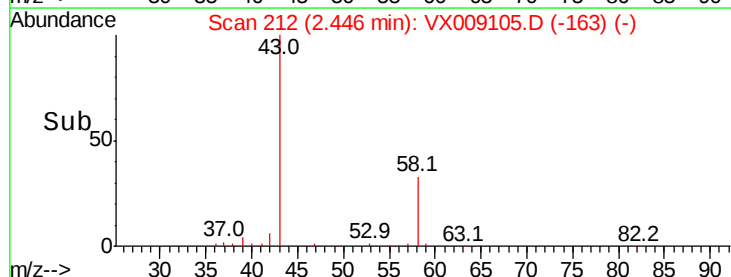
15000

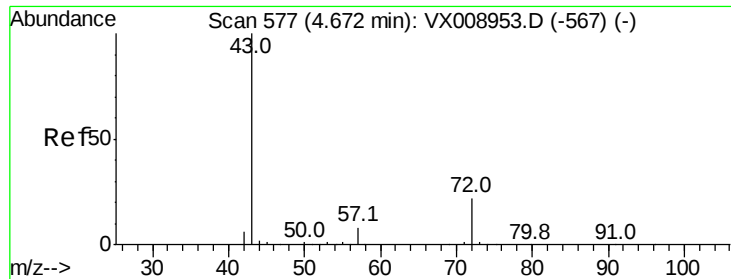
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#25

2-Butanone

Concen: 2.188 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX009105.D

Acq: 22 Apr 2019 18:19

Instrument :

MSVOA_X

ClientSampled :

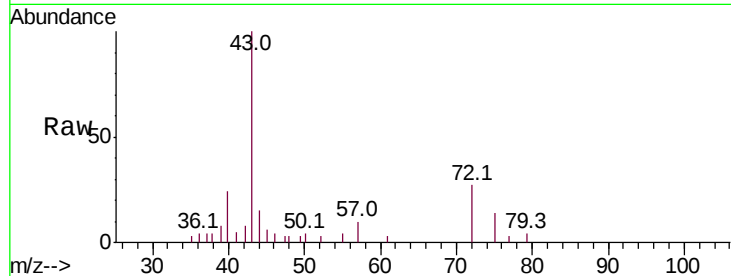
WELL-2

Tot Ion: 43 Resp: 6201

Ion Ratio Lower Upper

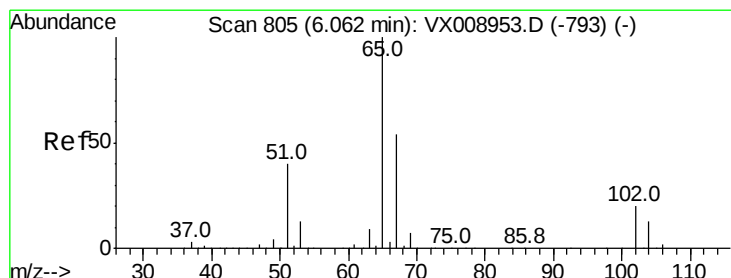
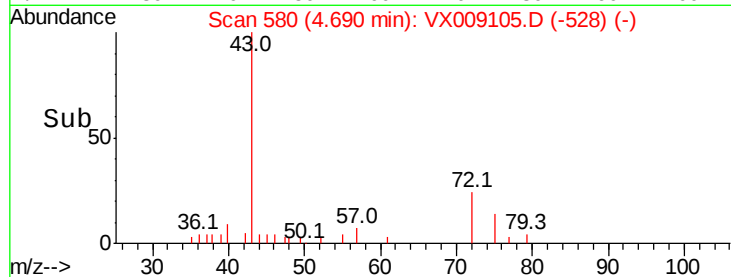
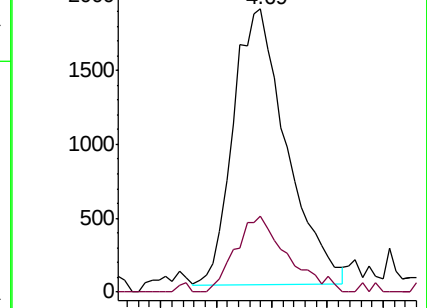
43 100

72 27.8 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.170 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009105.D

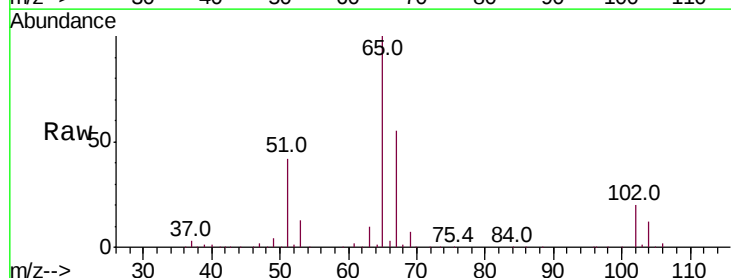
Acq: 22 Apr 2019 18:19

Tgt Ion: 65 Resp: 161250

Ion Ratio Lower Upper

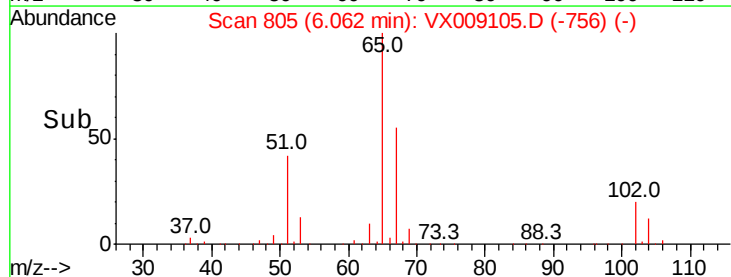
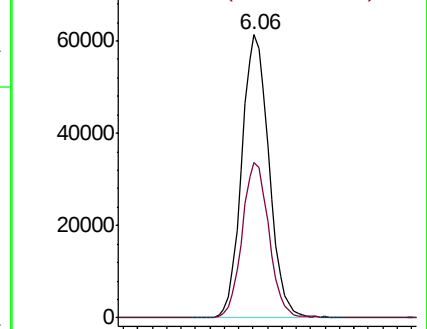
65 100

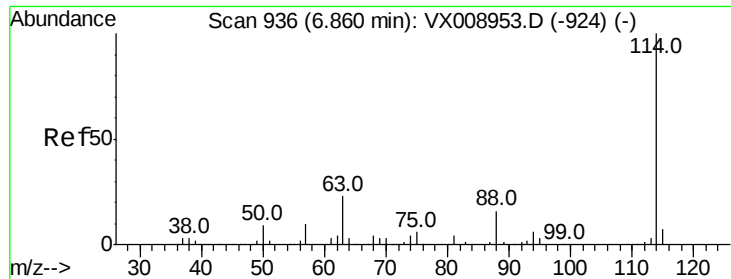
67 54.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

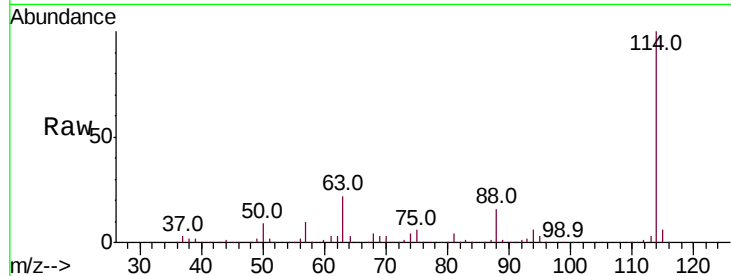




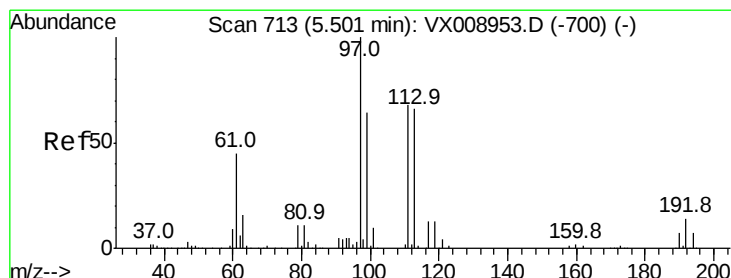
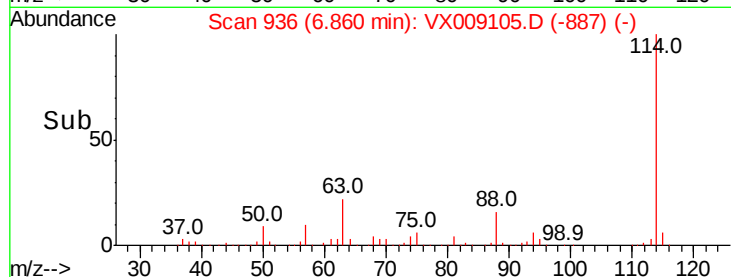
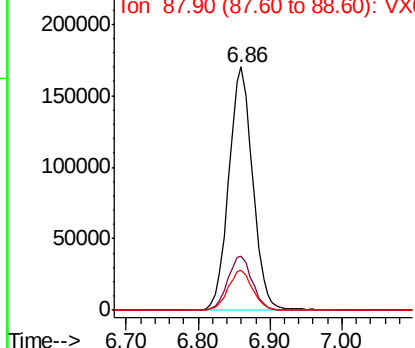
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009105.D
 Acq: 22 Apr 2019 18:19

Instrument :
 MSVOA_X
 ClientSampleId :
 WELL-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	46.0
88	16.4	0.0	32.6

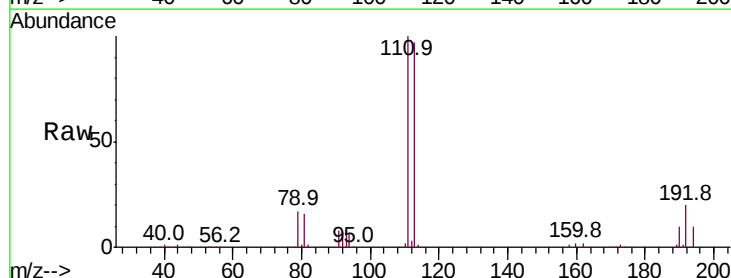


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

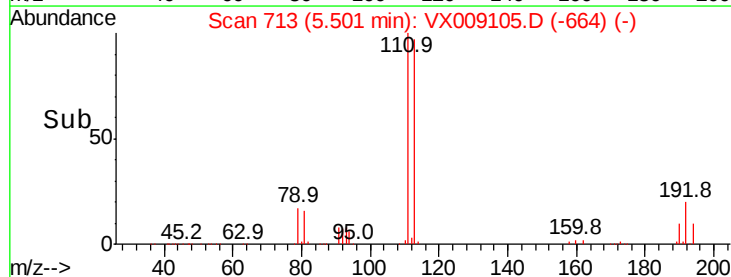
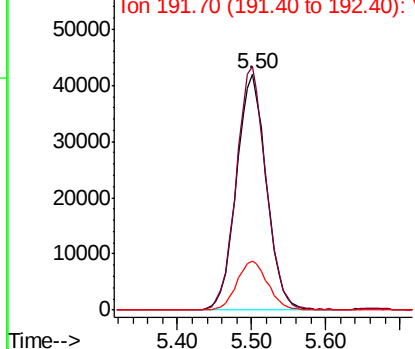


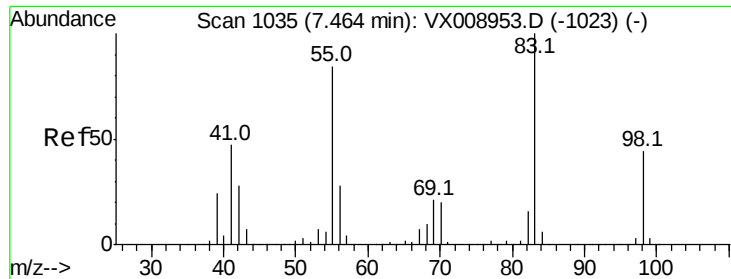
#35
 Dibromofluoromethane
 Concen: 46.990 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009105.D
 Acq: 22 Apr 2019 18:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	21.3	17.4	26.0



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

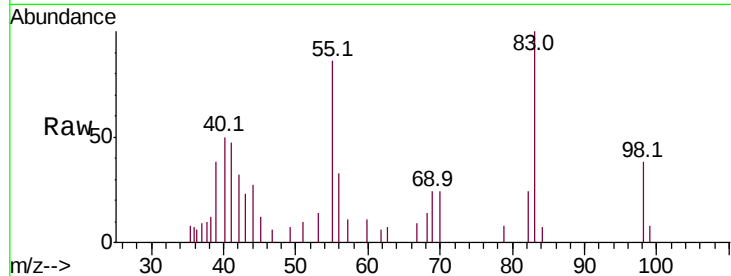




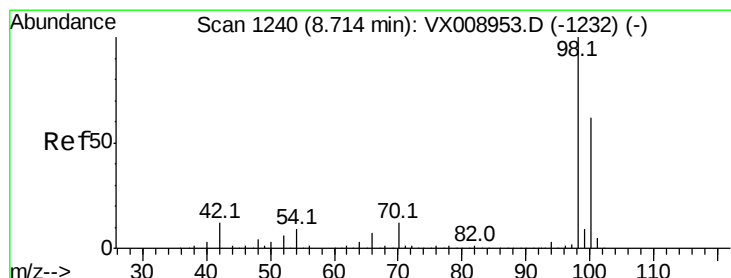
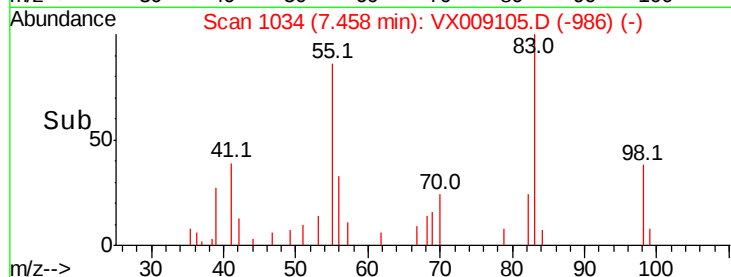
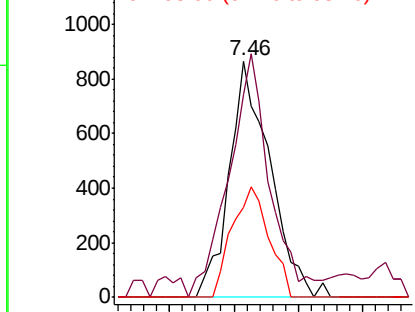
#39
Methvlcvclohexane
Concen: 0.384 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009105.D
Acq: 22 Apr 2019 18:19

Instrument :
MSVOA_X
ClientSampleId :
WELL-2

Tot Ion: 83 Resp: 1905
Ion Ratio Lower Upper
83 100
55 85.7 67.1 100.7
98 38.2 35.1 52.7

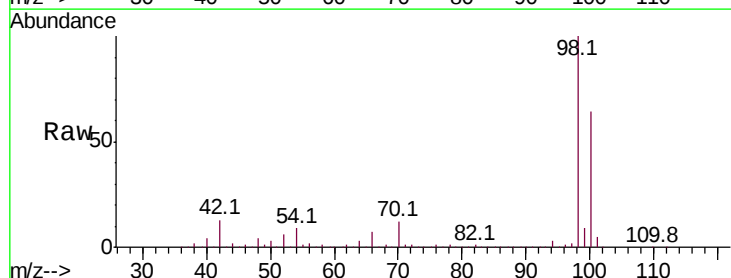


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

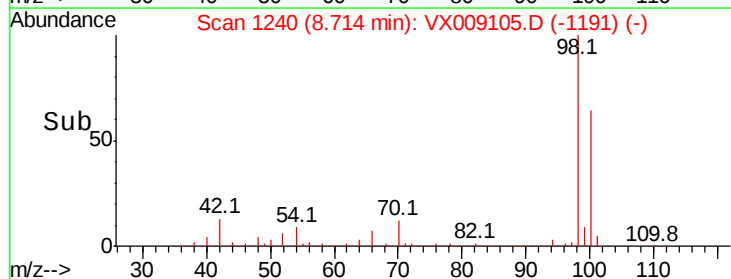
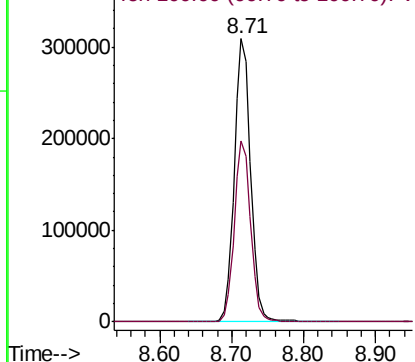


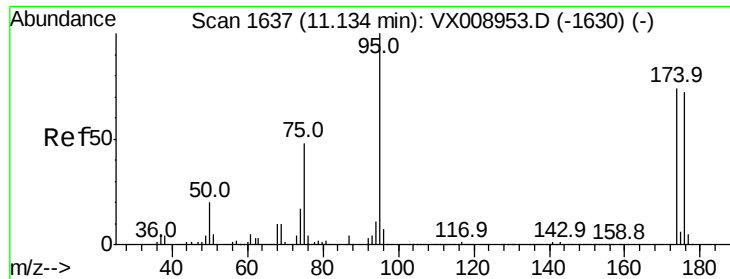
#50
Toluene-d8
Concen: 48.706 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009105.D
Acq: 22 Apr 2019 18:19

Tgt Ion: 98 Resp: 490667
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.267 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009105.D

Acq: 22 Apr 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

WELL-2

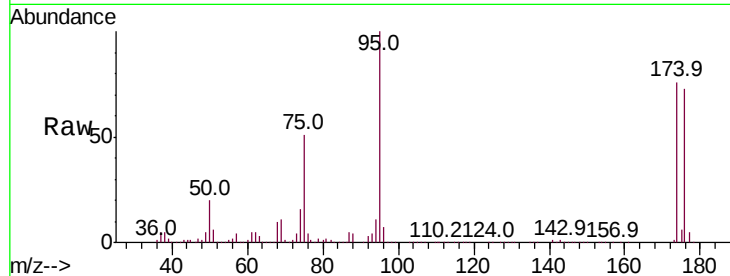
Tot Ion: 95 Resp: 164535

Ion Ratio Lower Upper

95 100

174 78.5 0.0 159.6

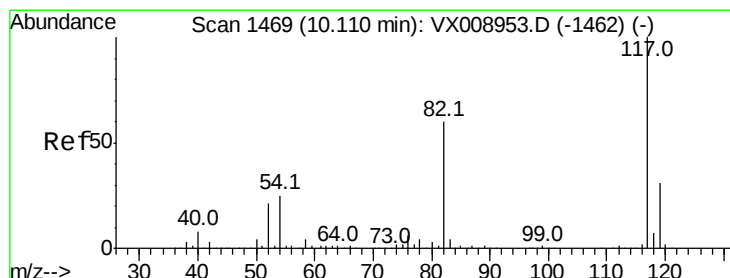
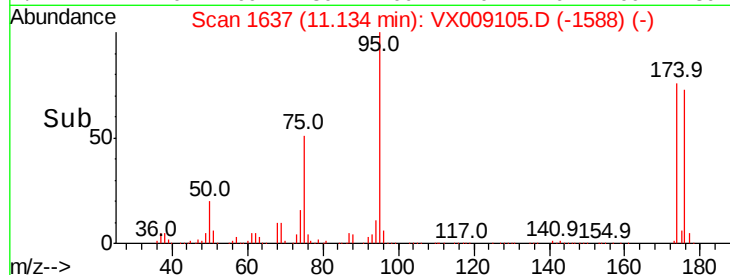
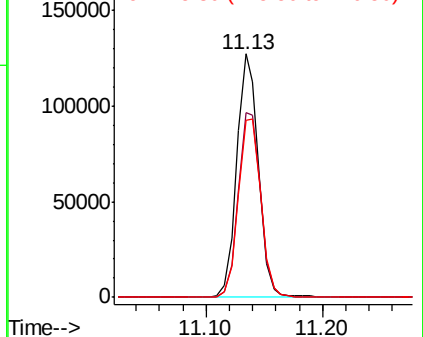
176 76.6 0.0 154.8



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: VX009105.D

Acq: 22 Apr 2019 18:19

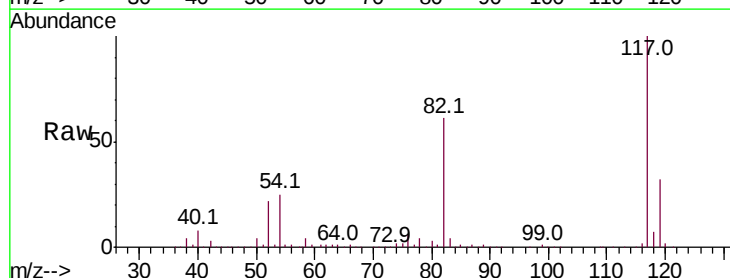
Tgt Ion: 117 Resp: 341175

Ion Ratio Lower Upper

117 100

82 60.9 48.2 72.4

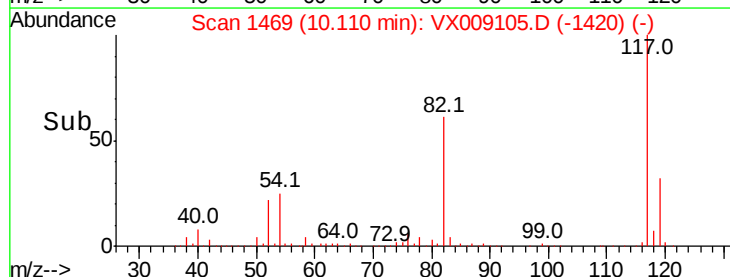
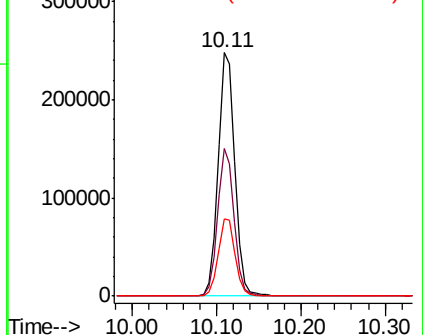
119 31.5 25.0 37.6

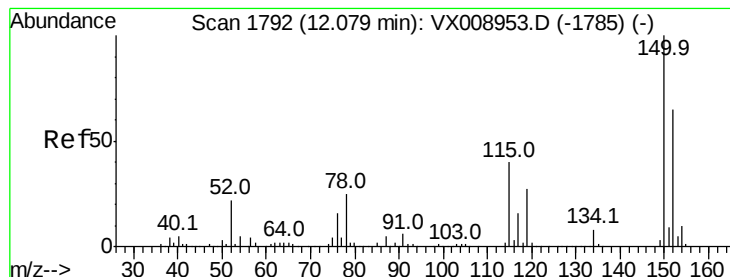


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX009105.D

Acq: 22 Apr 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

WELL-2

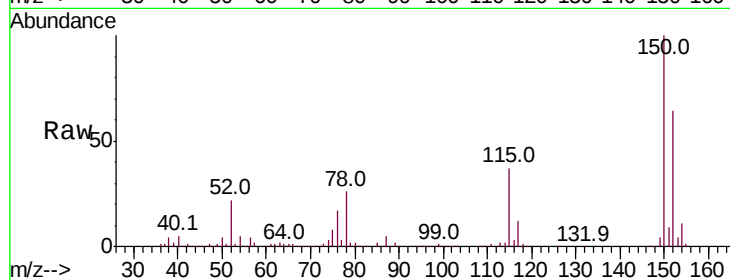
Tot Ion:152 Resp: 146824

Ion Ratio Lower Upper

152 100

115 58.8 41.4 124.2

150 156.3 0.0 349.8



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

