

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008785.D
 Acq On : 09 Apr 2019 20:52
 Operator : JC/SP
 Sample : K2199-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-040819-B

Quant Time: Apr 10 08:05:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

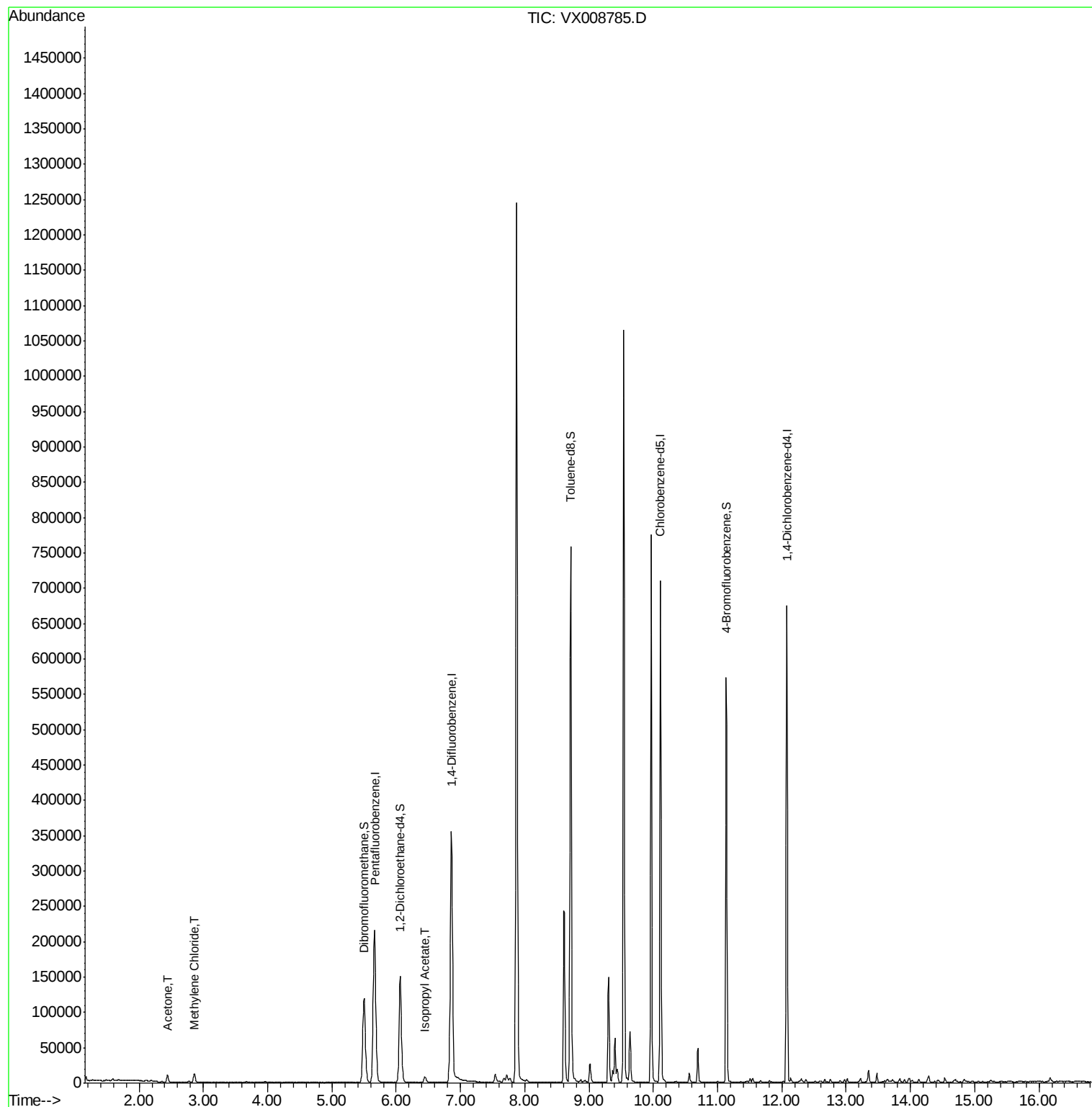
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140763	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
35) Dibromofluoromethane	5.50	113	103183	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
50) Toluene-d8	8.71	98	436420	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.13	95	151352	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
Target Compounds						
16) Acetone	2.44	43	11546	6.562	ug/l	100
20) Methylene Chloride	2.86	84	5585	1.896	ug/l	95
43) Isopropyl Acetate	6.45	43	11710	1.481	ug/l	99

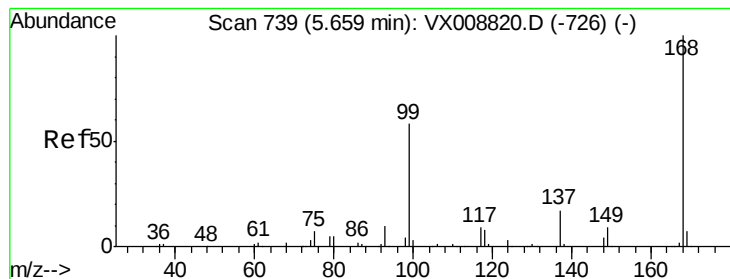
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008785.D

Acq: 09 Apr 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

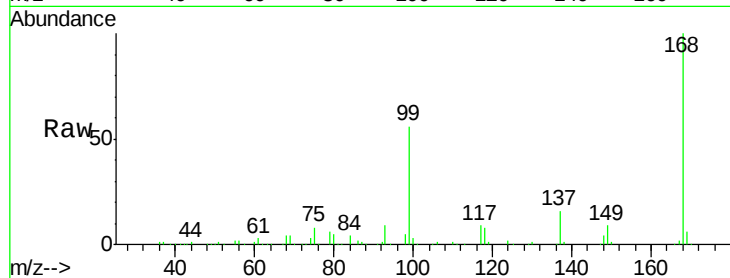
OR-03-040819-B

Tot Ion:168 Resp: 209451

Ion Ratio Lower Upper

168 100

99 56.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

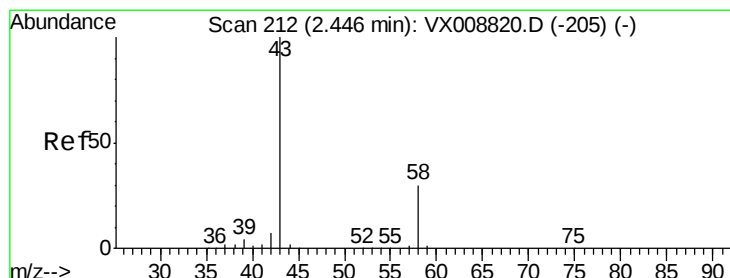
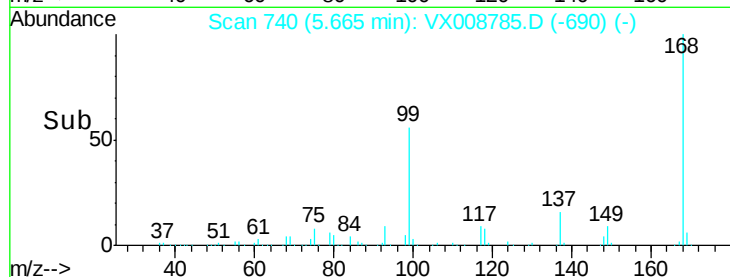
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.562 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008785.D

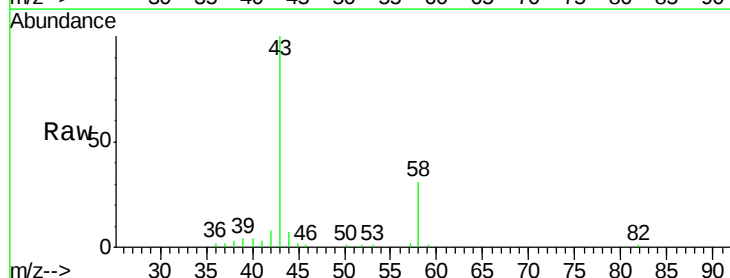
Acq: 09 Apr 2019 20:52

Tgt Ion: 43 Resp: 11546

Ion Ratio Lower Upper

43 100

58 31.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

8000

6000

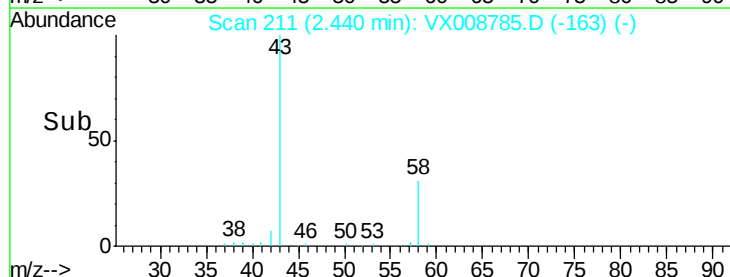
4000

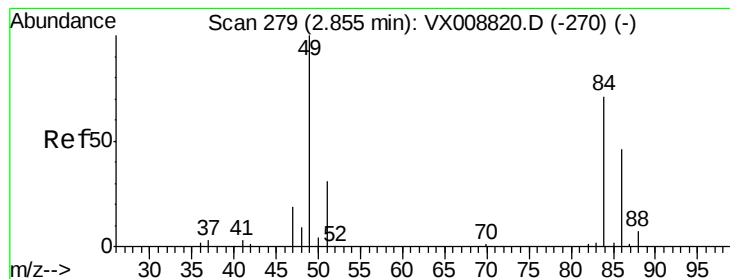
2000

0

Time-->

2.35 2.40 2.45 2.50 2.55





#20

Methylene Chloride

Concen: 1.896 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008785.D

Acq: 09 Apr 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

OR-03-040819-B

Tot Ion: 84 Resp: 5585

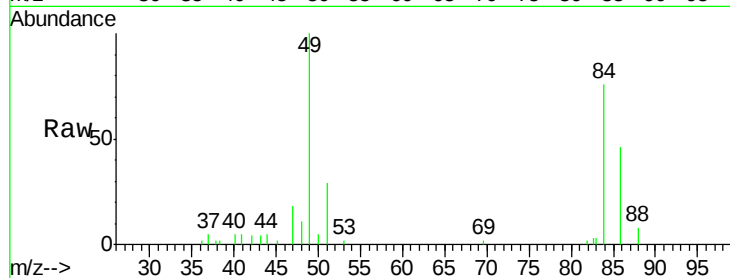
Ion Ratio Lower Upper

84 100

49 131.7 109.7 164.5

51 38.3 33.6 50.4

86 60.0 51.4 77.2

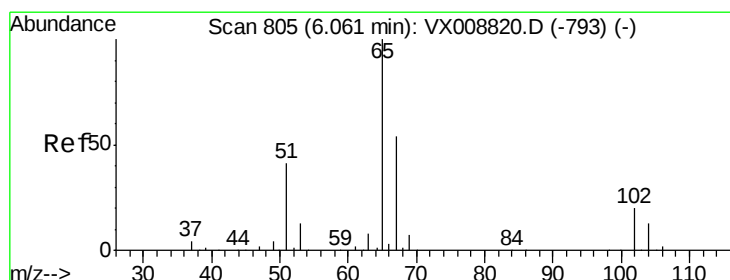
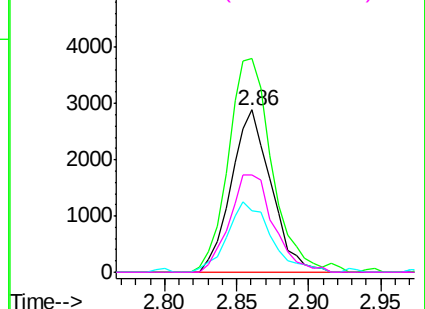
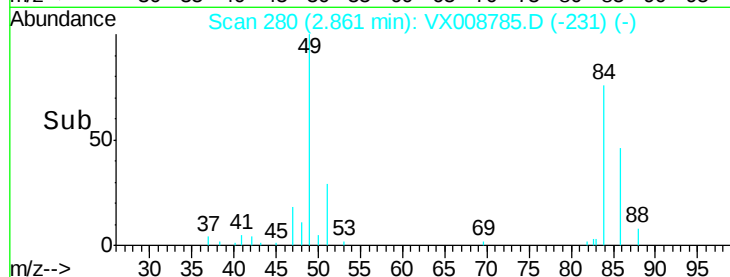


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.077 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008785.D

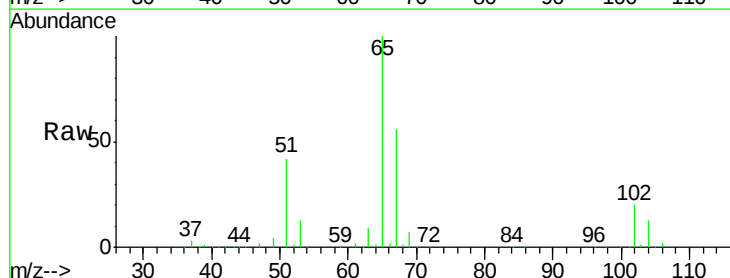
Acq: 09 Apr 2019 20:52

Tgt Ion: 65 Resp: 140763

Ion Ratio Lower Upper

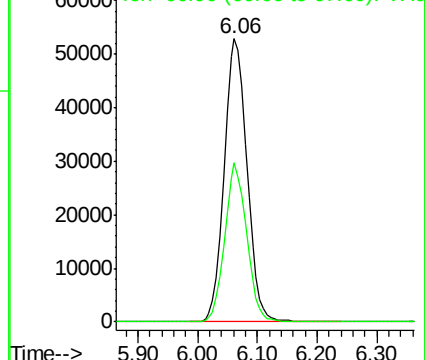
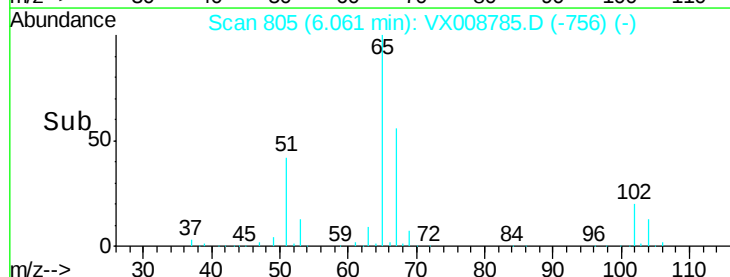
65 100

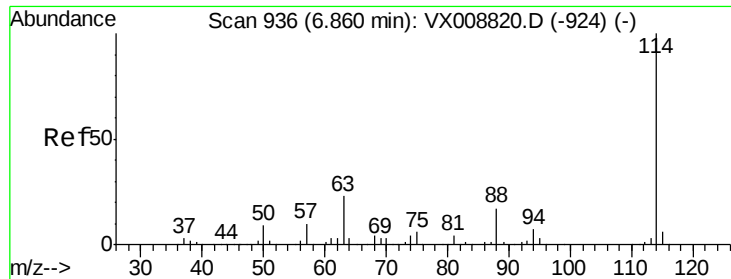
67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

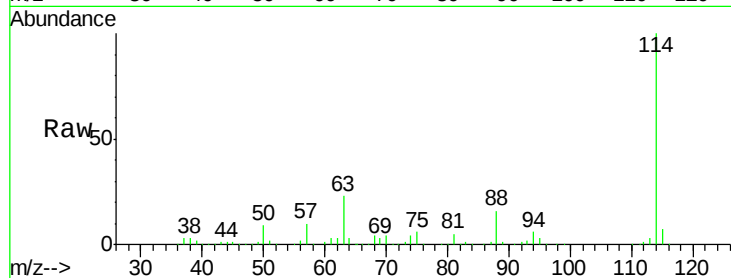




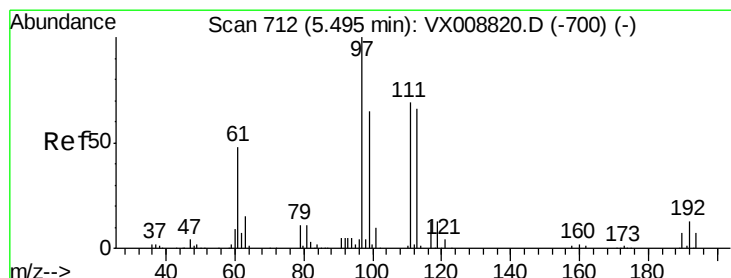
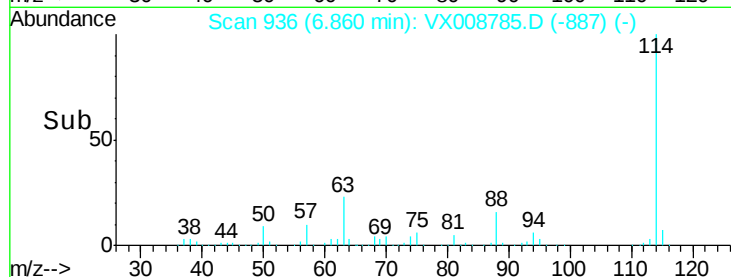
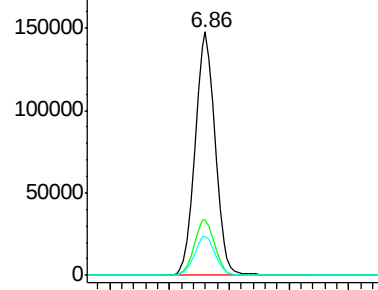
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008785.D
 Acq: 09 Apr 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-040819-B

Tot Ion:114 Resp: 346038
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.2
 88 15.7 0.0 34.0

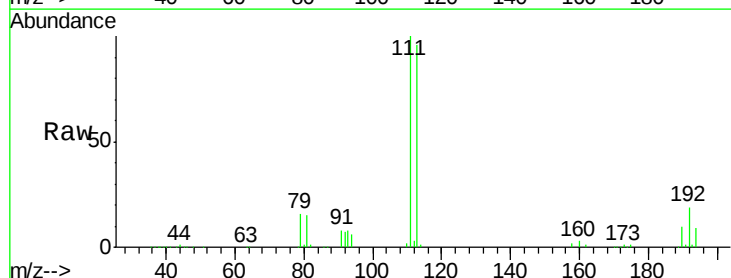


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

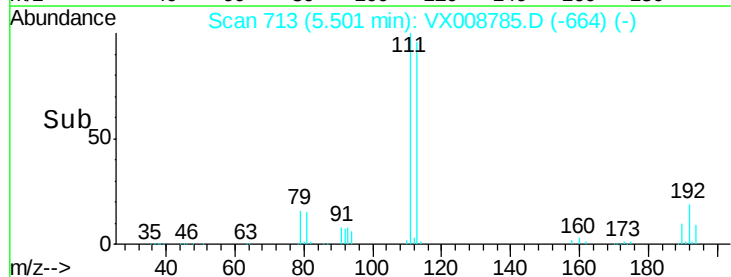
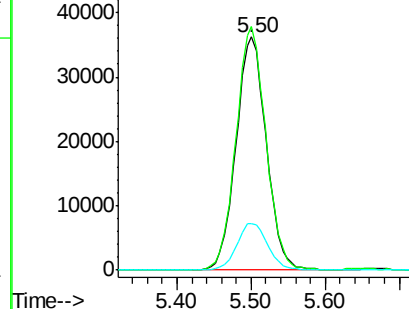


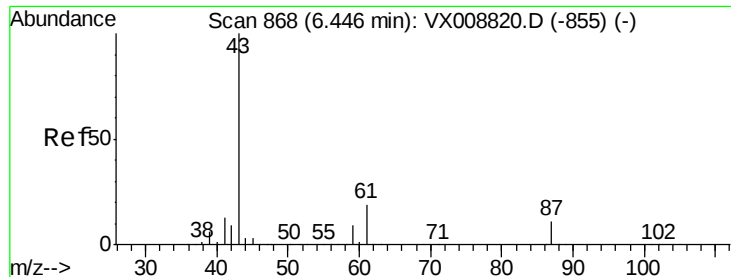
#35
 Dibromofluoromethane
 Concen: 46.638 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008785.D
 Acq: 09 Apr 2019 20:52

Tgt Ion:113 Resp: 103183
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.4 125.2
 192 20.5 16.1 24.1



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





#43

Isopropyl Acetate

Concen: 1.481 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008785.D

Acq: 09 Apr 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

OR-03-040819-B

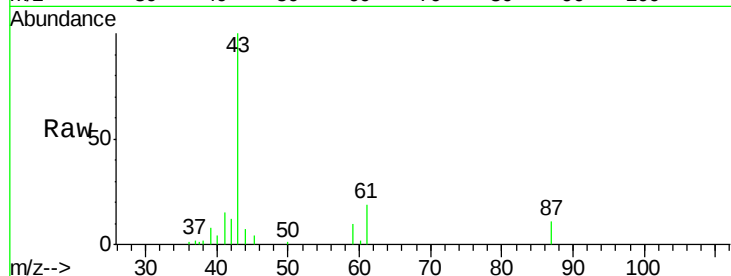
Tot Ion: 43 Resp: 11710

Ion Ratio Lower Upper

43 100

61 19.3 15.3 22.9

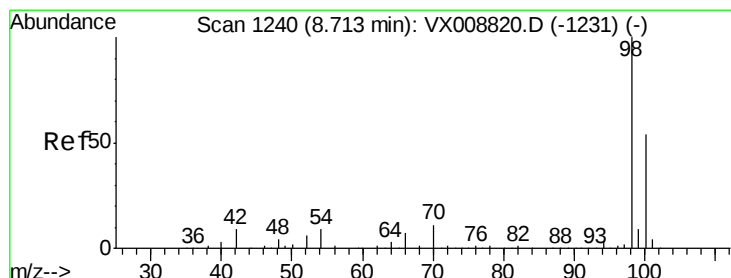
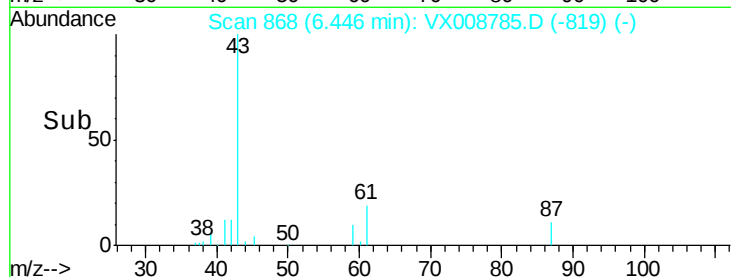
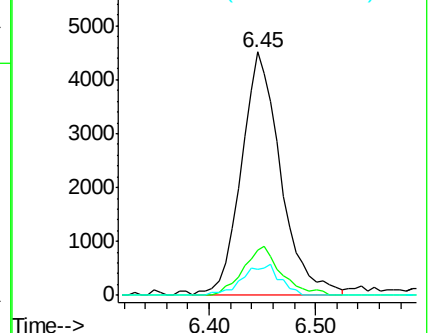
87 12.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.541 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008785.D

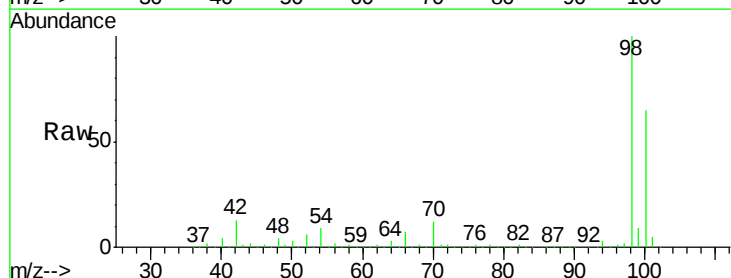
Acq: 09 Apr 2019 20:52

Tgt Ion: 98 Resp: 436420

Ion Ratio Lower Upper

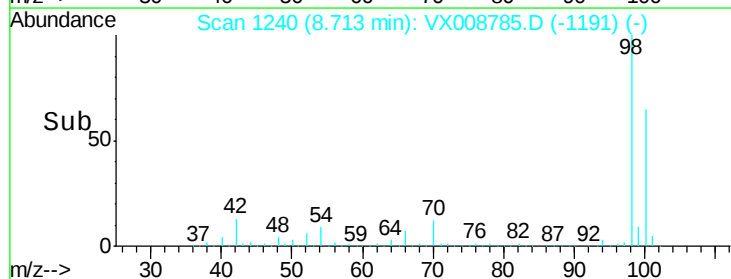
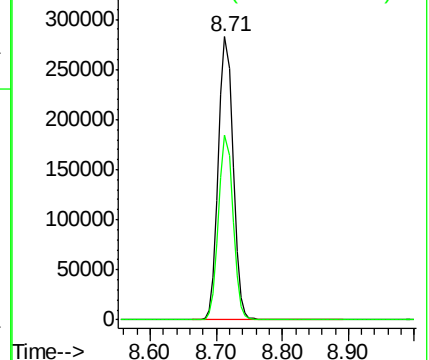
98 100

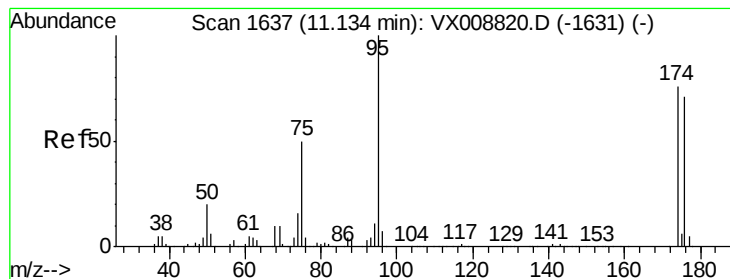
100 63.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.449 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008785.D

Acq: 09 Apr 2019 20:52

Instrument :

MSVOA_X

ClientSampleId :

OR-03-040819-B

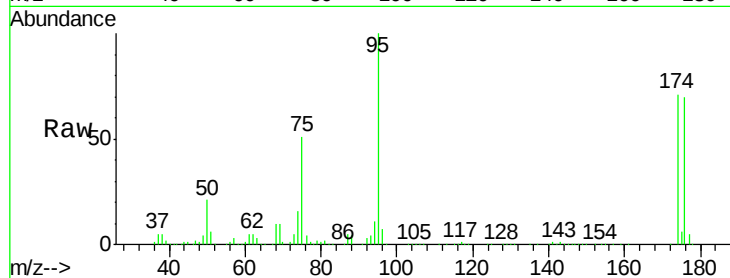
Tot Ion: 95 Resp: 151352

Ion Ratio Lower Upper

95 100

174 76.7 0.0 151.8

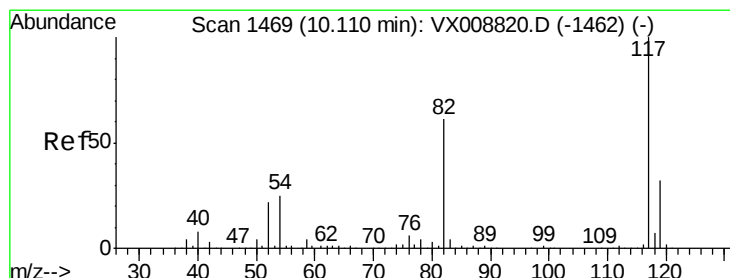
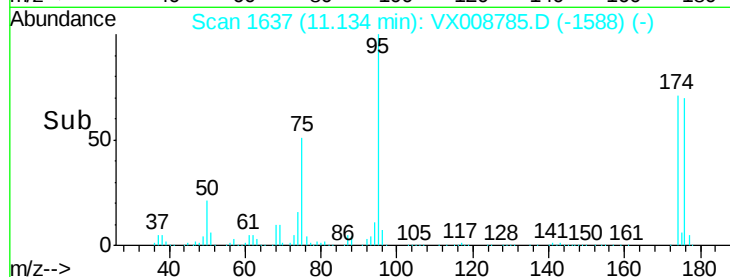
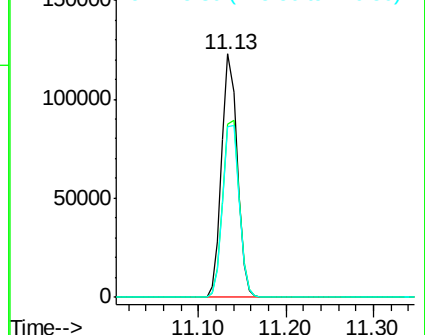
176 74.6 0.0 145.8



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: VX008785.D

Acq: 09 Apr 2019 20:52

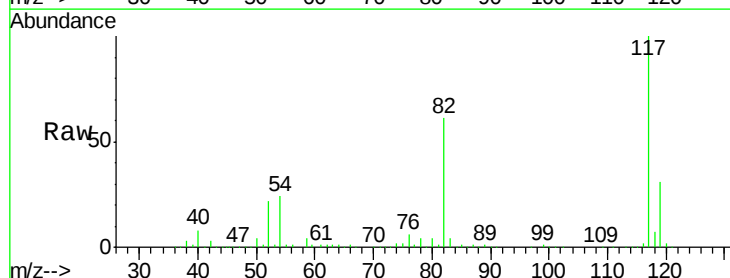
Tgt Ion: 117 Resp: 306109

Ion Ratio Lower Upper

117 100

82 60.7 49.6 74.4

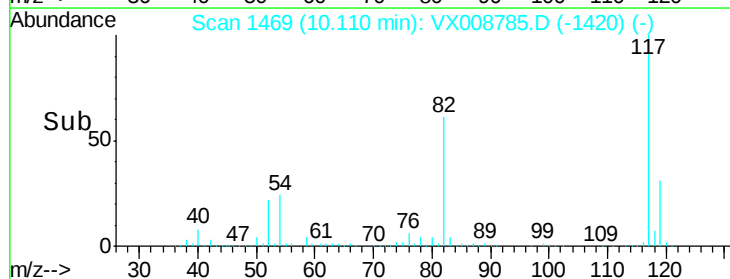
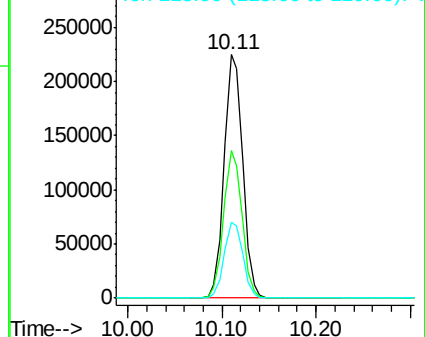
119 31.3 25.0 37.4

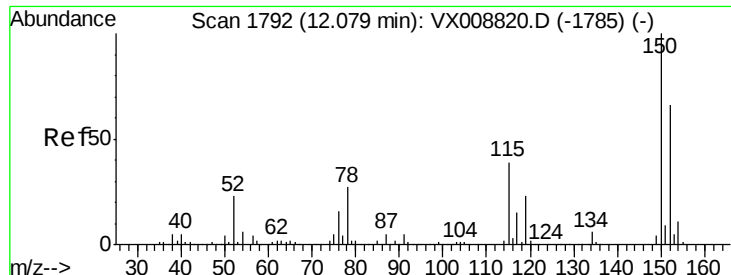


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX008785.D
 Acq: 09 Apr 2019 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-040819-B

Tot Ion:	152	Resp:	133735
Ion	Ratio	Lower	Upper
152	100		
115	60.5	43.5	130.5
150	157.1	0.0	348.8

