

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008834.D
 Acq On : 11 Apr 2019 03:28
 Operator : JC/SP
 Sample : K2203-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-040919-A

Quant Time: Apr 11 08:36:29 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

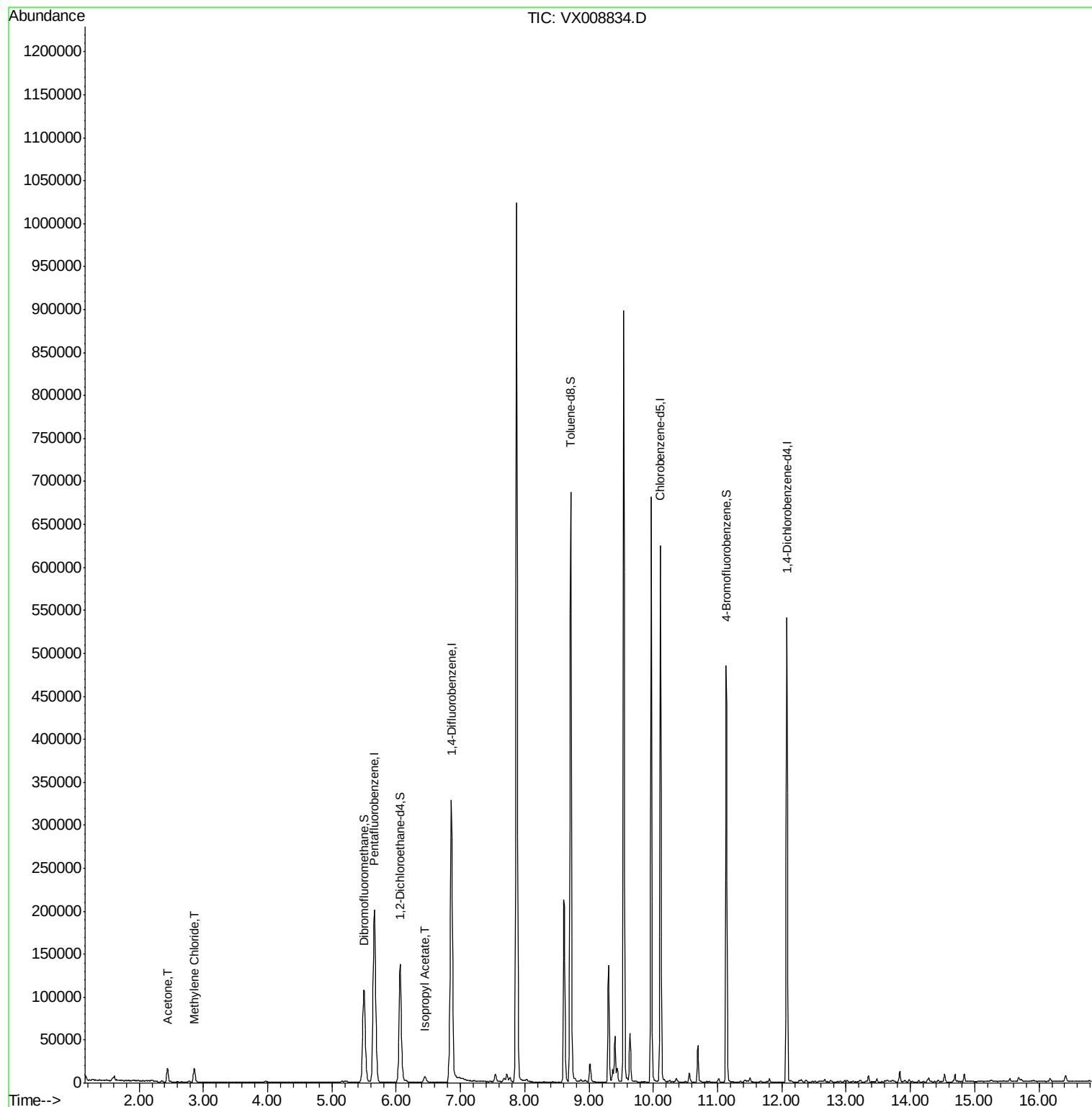
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	313743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129314	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
35) Dibromofluoromethane	5.50	113	93418	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
50) Toluene-d8	8.71	98	396729	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.13	95	128543	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
Target Compounds						
16) Acetone	2.44	43	18475	11.407	ug/l	97
20) Methylene Chloride	2.85	84	7310	2.696	ug/l	94
43) Isopropyl Acetate	6.45	43	9779	1.364	ug/l	97

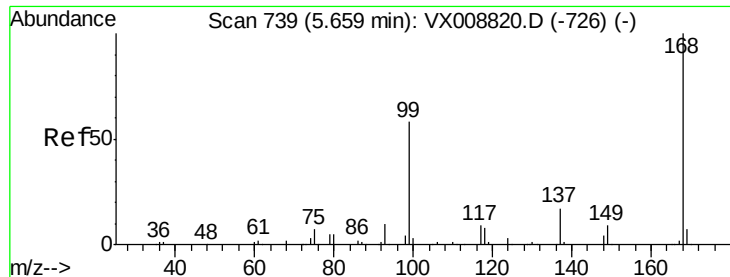
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008834.D

Acq: 11 Apr 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

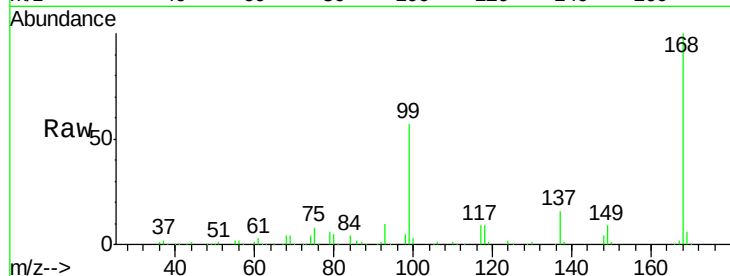
SU-04-040919-A

Tot Ion:168 Resp: 192799

Ion Ratio Lower Upper

168 100

99 56.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

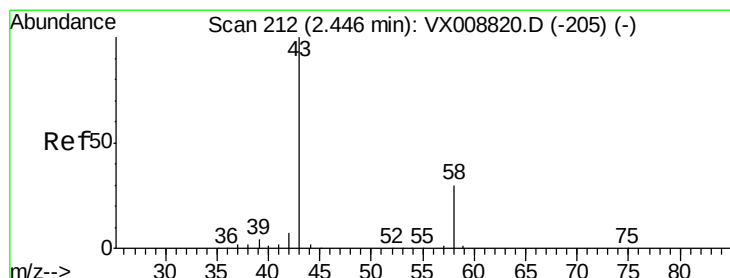
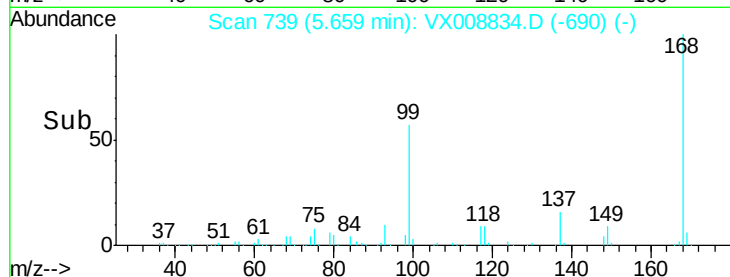
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 11.407 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008834.D

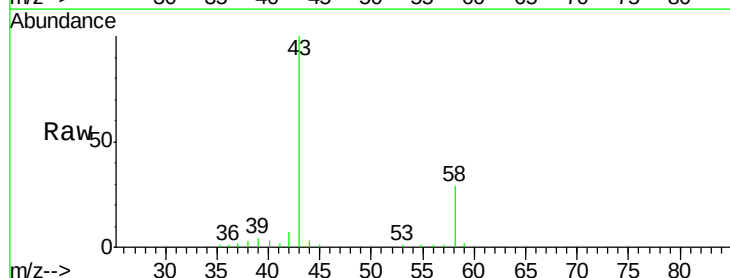
Acq: 11 Apr 2019 03:28

Tgt Ion: 43 Resp: 18475

Ion Ratio Lower Upper

43 100

58 29.1 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

12000

10000

8000

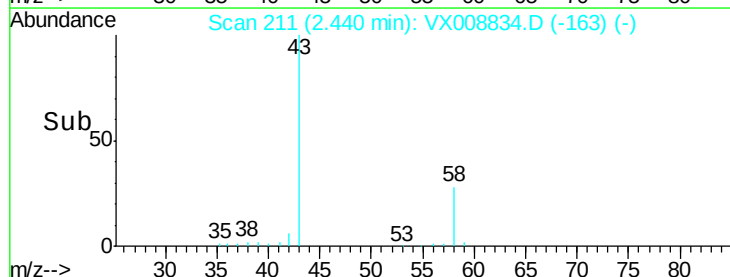
6000

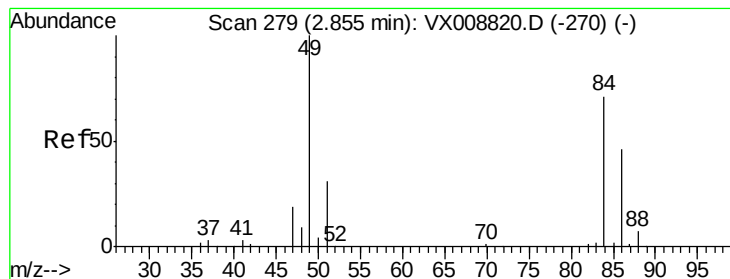
4000

2000

0

Time--> 2.40 2.50





#20

Methylene Chloride

Concen: 2.696 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008834.D

Acq: 11 Apr 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

SU-04-040919-A

Tot Ion: 84 Resp: 7310

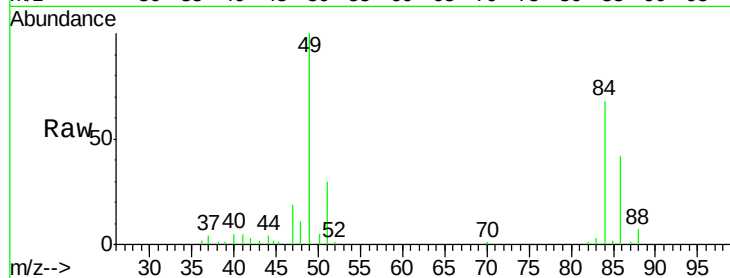
Ion Ratio Lower Upper

84 100

49 146.0 109.7 164.5

51 44.0 33.6 50.4

86 60.7 51.4 77.2

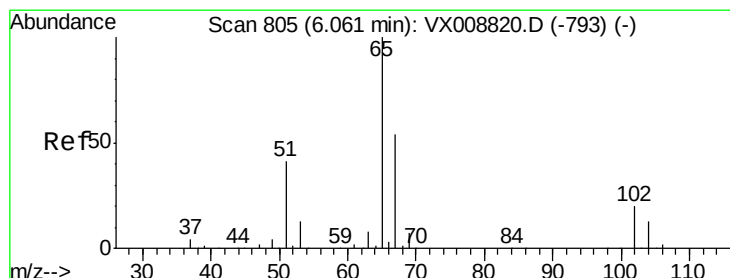
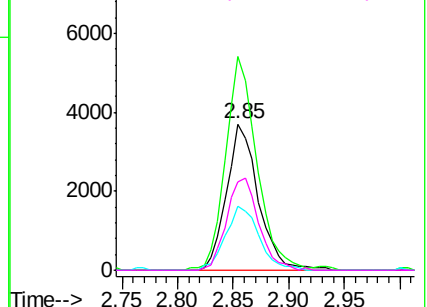
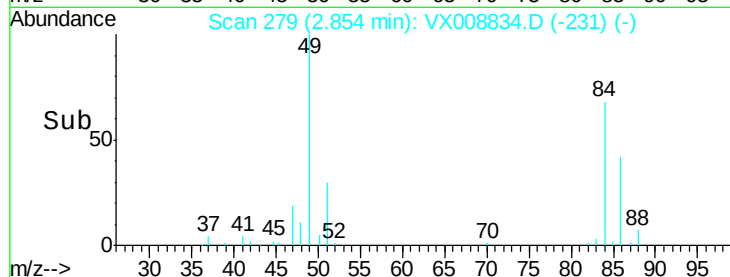


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 45.985 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008834.D

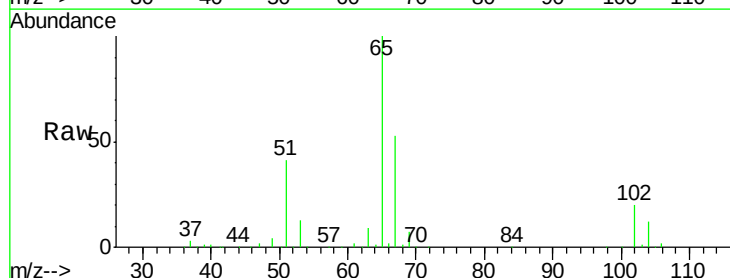
Acq: 11 Apr 2019 03:28

Tgt Ion: 65 Resp: 129314

Ion Ratio Lower Upper

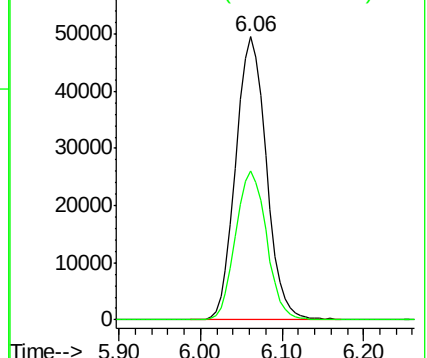
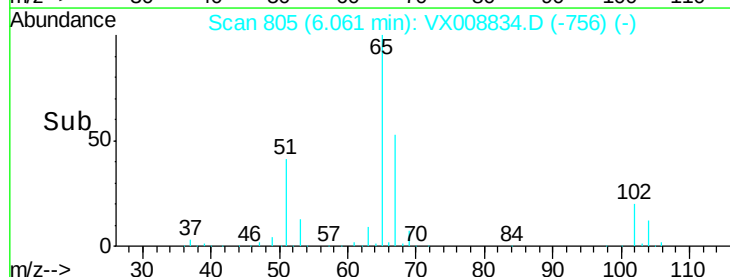
65 100

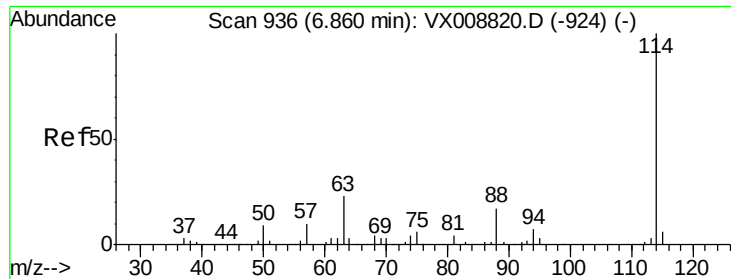
67 53.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

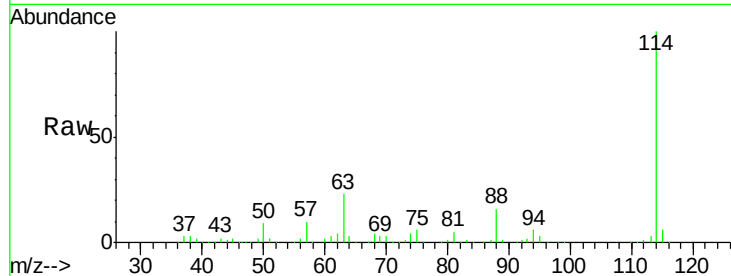




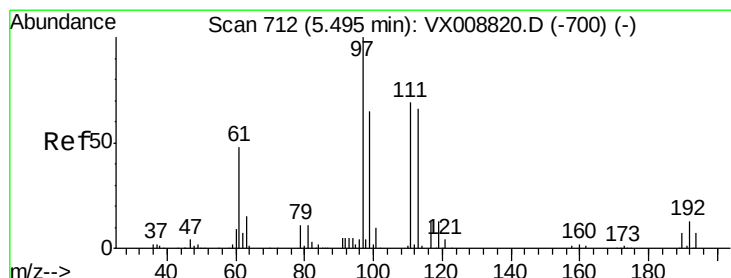
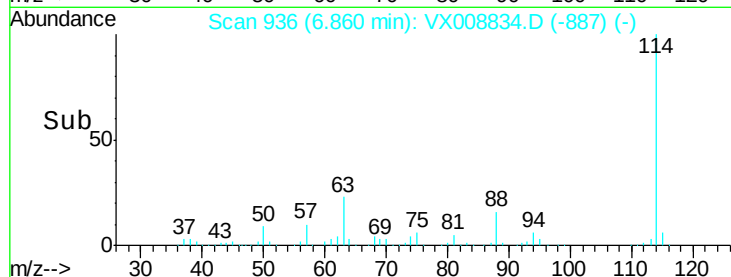
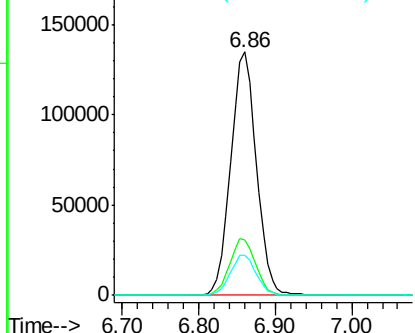
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008834.D
 Acq: 11 Apr 2019 03:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-040919-A

Tot Ion:114 Resp: 313743
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.2
 88 16.5 0.0 34.0

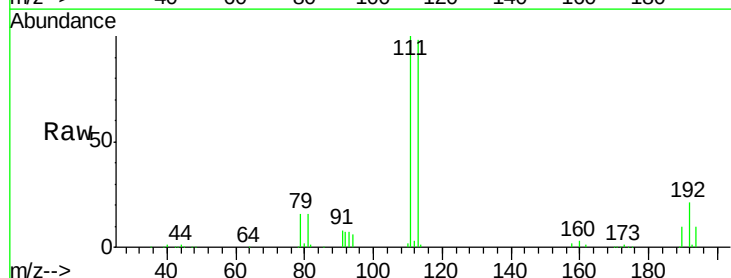


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

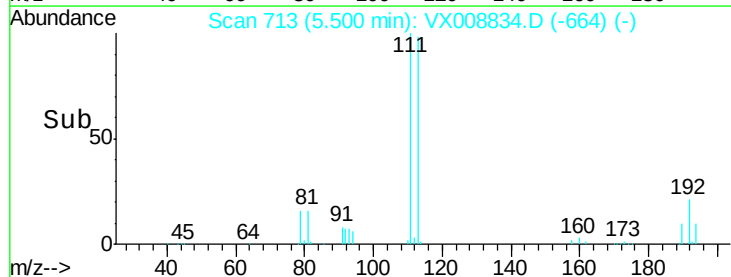
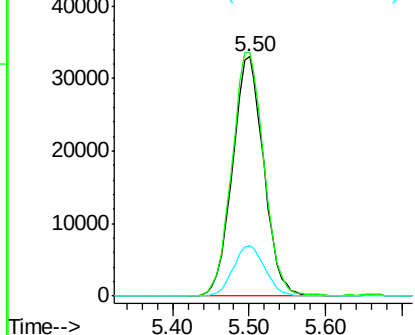


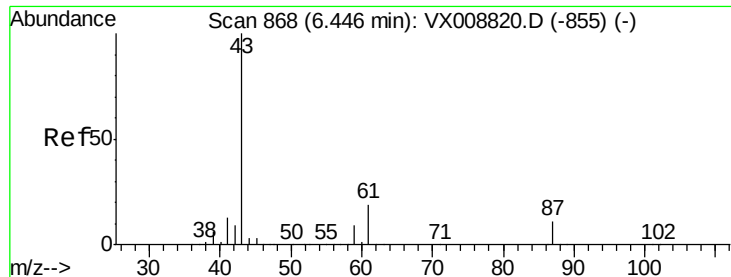
#35
 Dibromofluoromethane
 Concen: 46.570 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008834.D
 Acq: 11 Apr 2019 03:28

Tgt Ion:113 Resp: 93418
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.4 125.2
 192 21.4 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: 1.364 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008834.D

Acq: 11 Apr 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

SU-04-040919-A

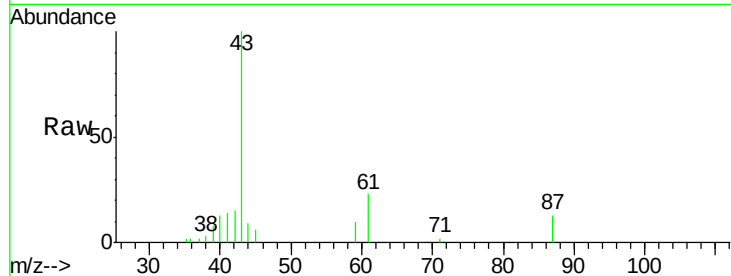
Tot Ion: 43 Resp: 9779

Ion Ratio Lower Upper

43 100

61 21.5 15.3 22.9

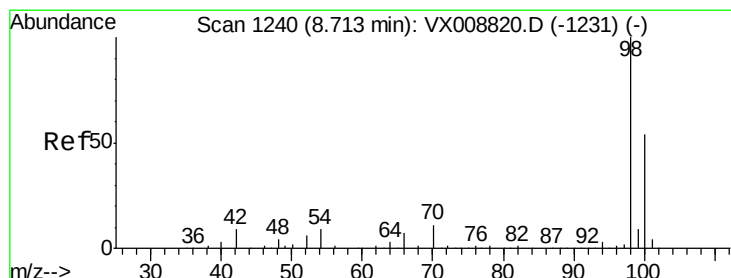
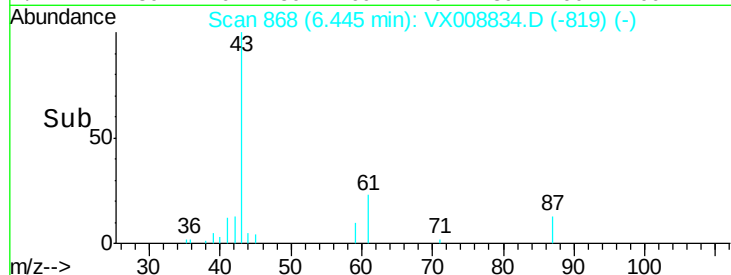
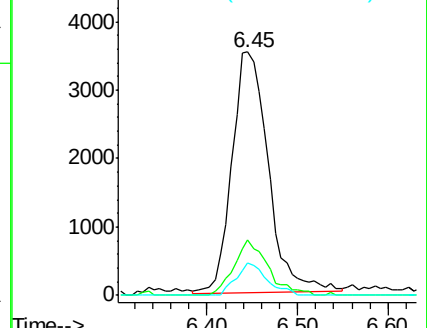
87 11.3 9.0 13.6



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: 49.671 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008834.D

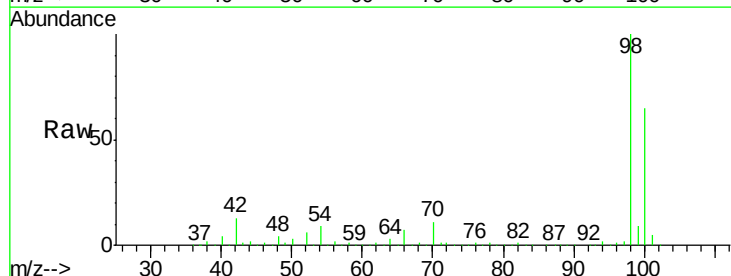
Acq: 11 Apr 2019 03:28

Tgt Ion: 98 Resp: 396729

Ion Ratio Lower Upper

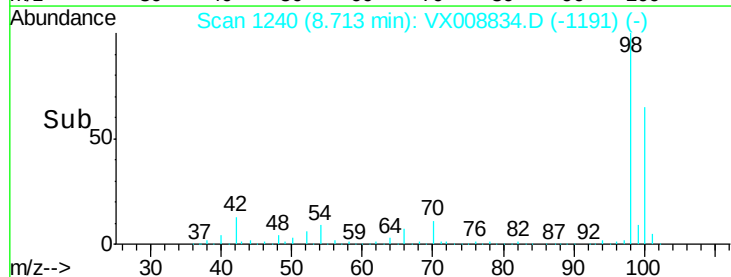
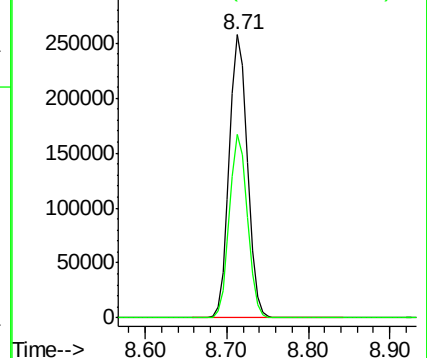
98 100

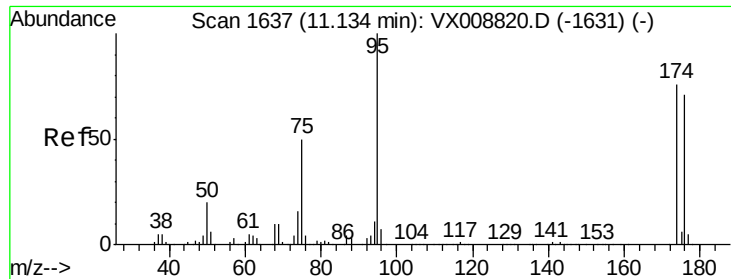
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.383 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008834.D

Acq: 11 Apr 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

SU-04-040919-A

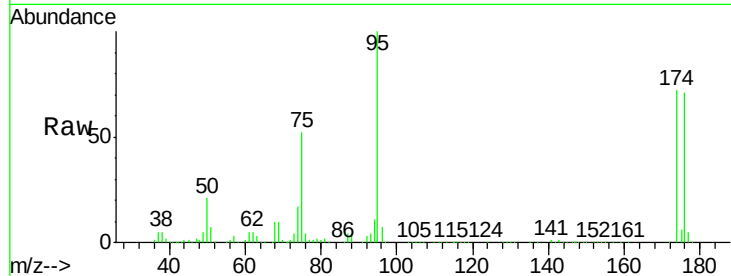
Tot Ion: 95 Resp: 128543

Ion Ratio Lower Upper

95 100

174 78.3 0.0 151.8

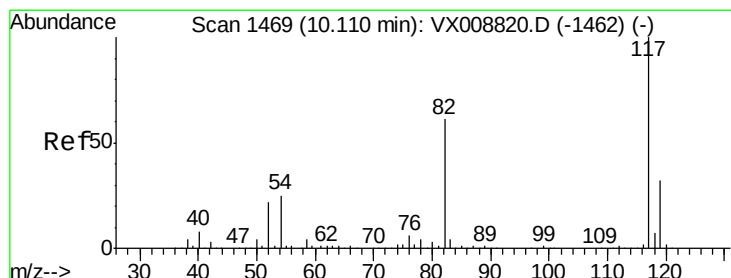
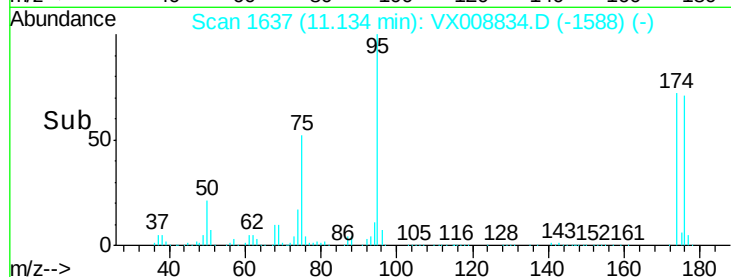
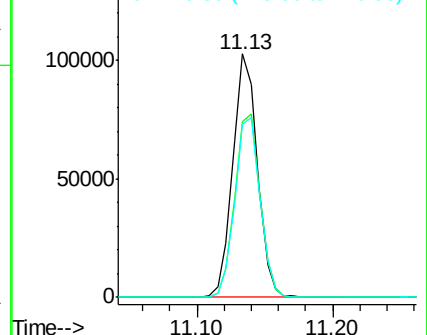
176 76.4 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008820.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX008820.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX008820.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008834.D

Acq: 11 Apr 2019 03:28

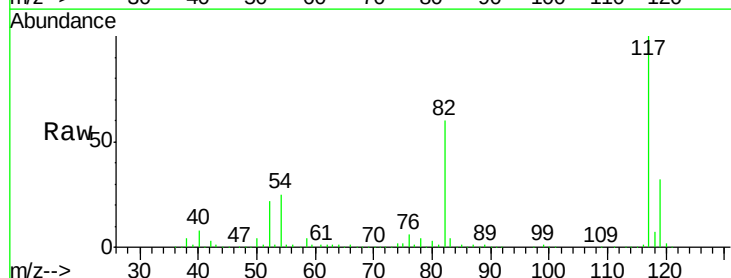
Tgt Ion: 117 Resp: 271003

Ion Ratio Lower Upper

117 100

82 60.3 49.6 74.4

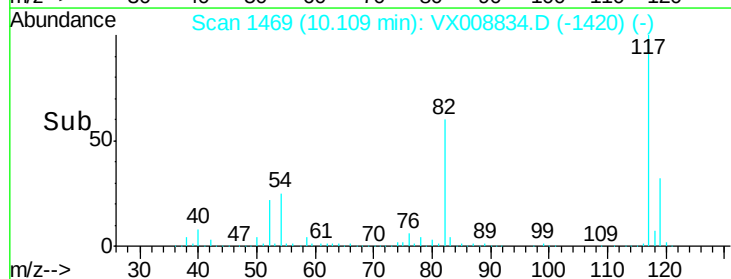
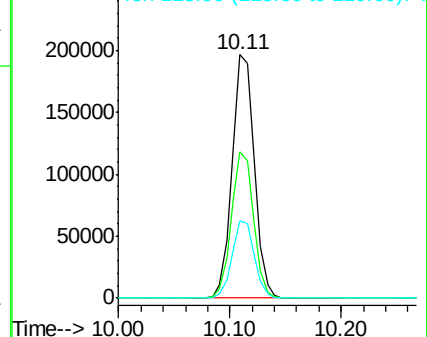
119 31.9 25.0 37.4

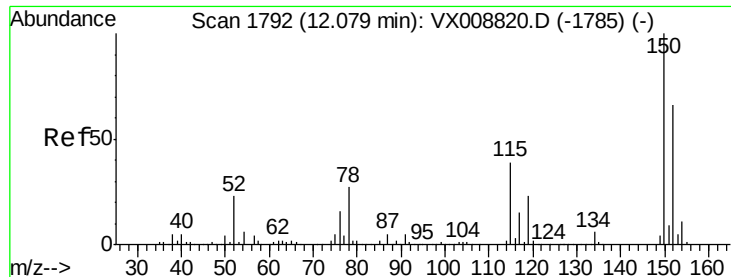


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008820.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008820.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008834.D

Acq: 11 Apr 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

SU-04-040919-A

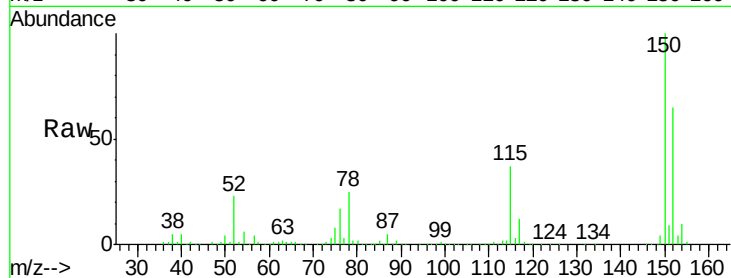
Tot Ion:152 Resp: 108933

Ion Ratio Lower Upper

152 100

115 59.6 43.5 130.5

150 155.3 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

