

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004745.D
 Acq On : 27 Sep 2018 01:31
 Operator : JC/MD
 Sample : J5029-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-092018-02

Quant Time: Sep 27 06:28:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

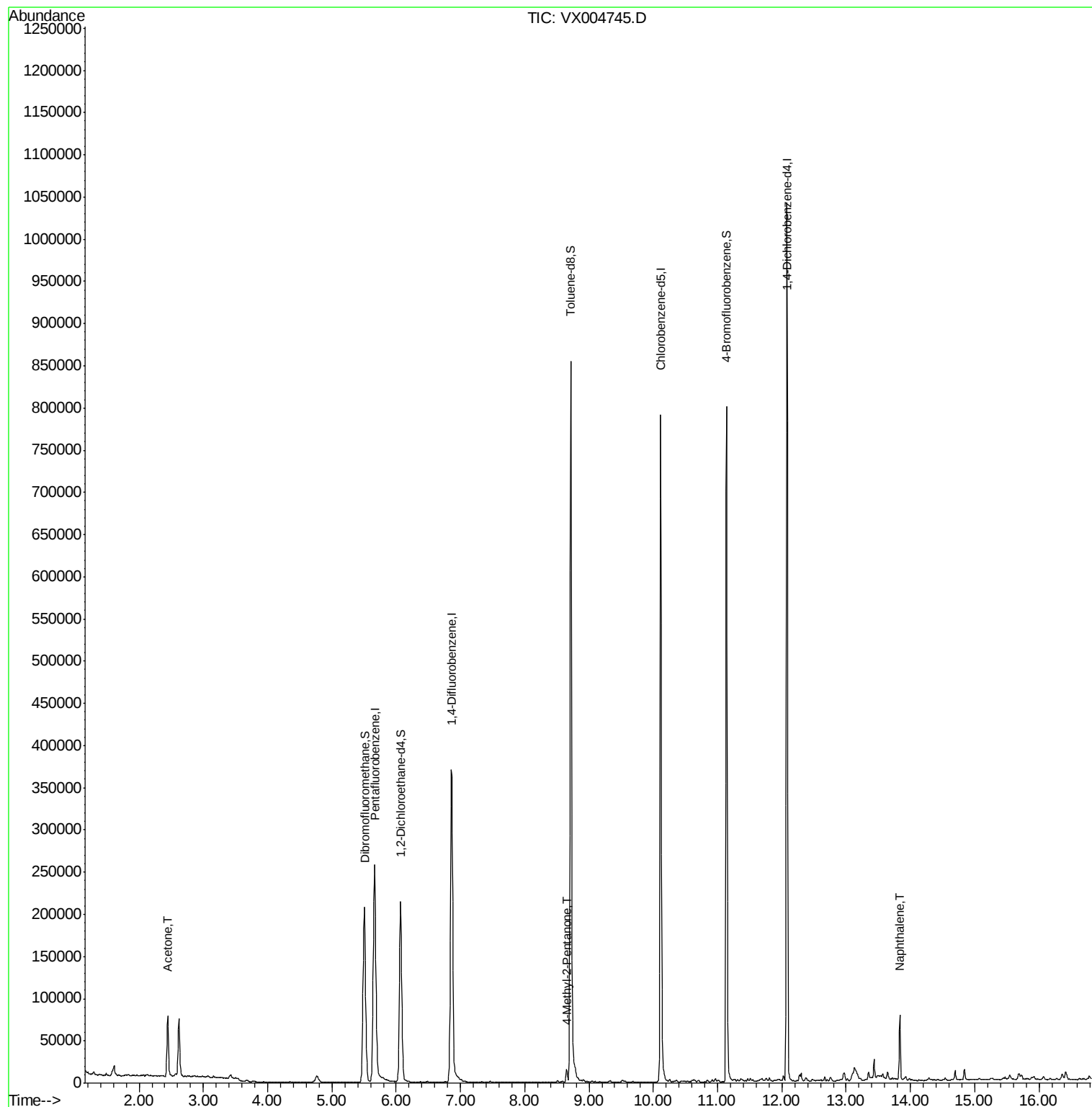
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	391897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	204976	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
35) Dibromofluoromethane	5.50	113	175592	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
50) Toluene-d8	8.71	98	567839	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.14	95	208310	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
Target Compounds						
16) Acetone	2.45	43	75376	33.468	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	9478	1.734	ug/l	92
95) Naphthalene	13.83	128	47020	3.289	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: VX004745.D

Acq: 27 Sep 2018 01:31

Instrument :

MSVOA_X

ClientSampleId :

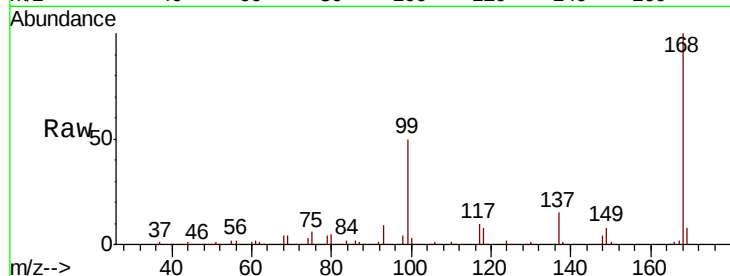
FB-092018-02

Tot Ion:168 Resp: 270047

Ion Ratio Lower Upper

168 100

99 49.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

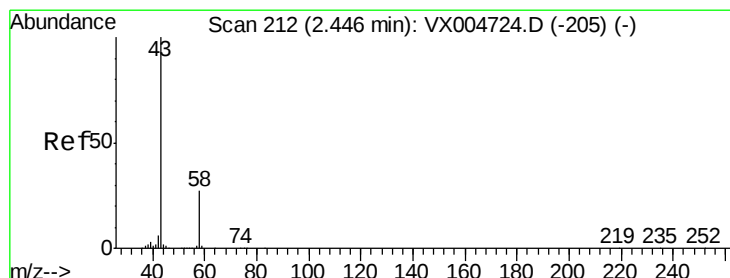
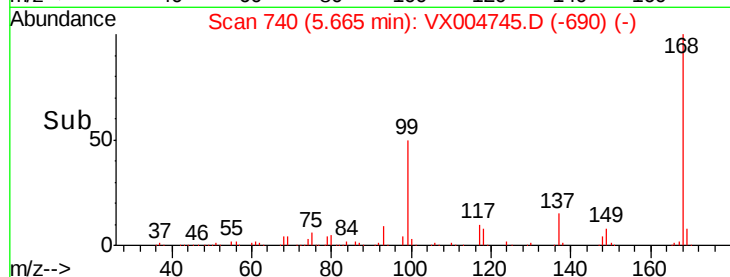
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 33.468 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004745.D

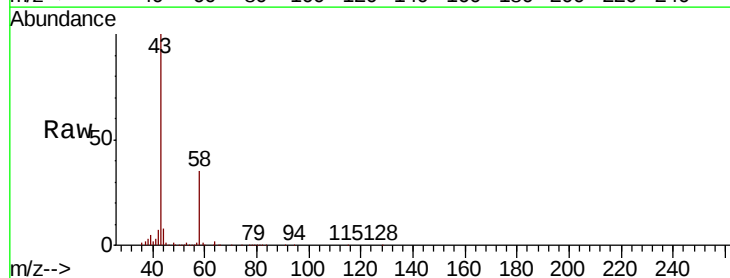
Acq: 27 Sep 2018 01:31

Tgt Ion: 43 Resp: 75376

Ion Ratio Lower Upper

43 100

58 34.7 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

50000

40000

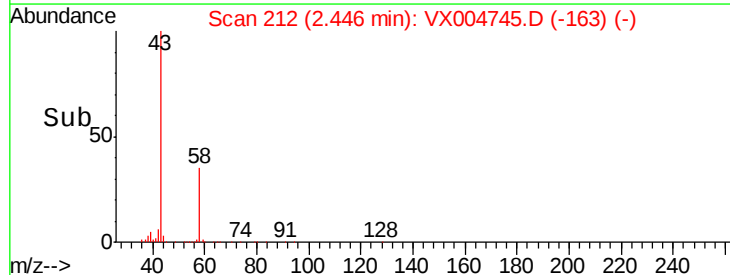
30000

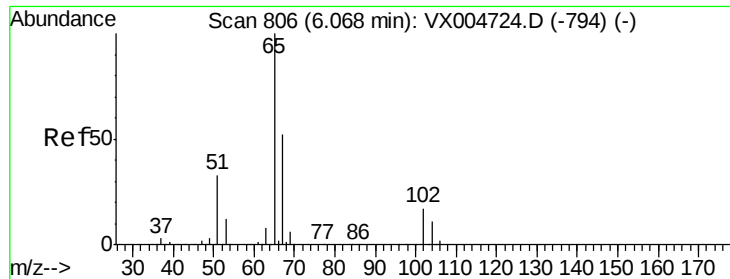
20000

10000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 53.135 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004745.D

Acq: 27 Sep 2018 01:31

Instrument :

MSVOA_X

ClientSampleId :

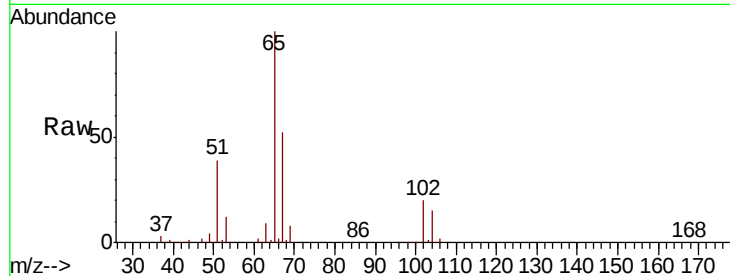
FB-092018-02

Tot Ion: 65 Resp: 204976

Ion Ratio Lower Upper

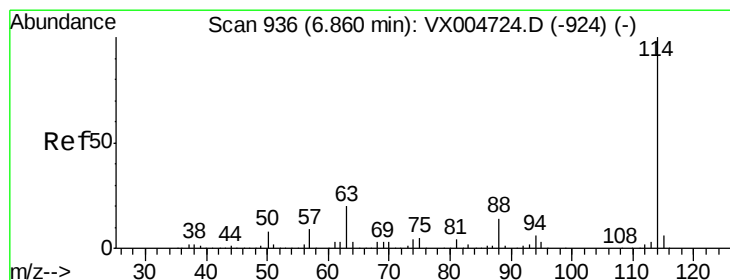
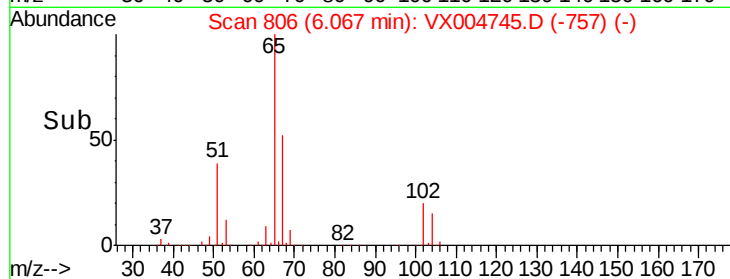
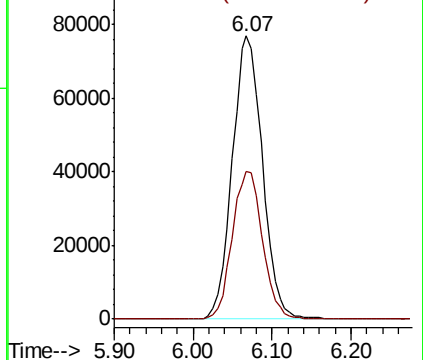
65 100

67 52.3 0.0 106.8



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: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX004745.D

Acq: 27 Sep 2018 01:31

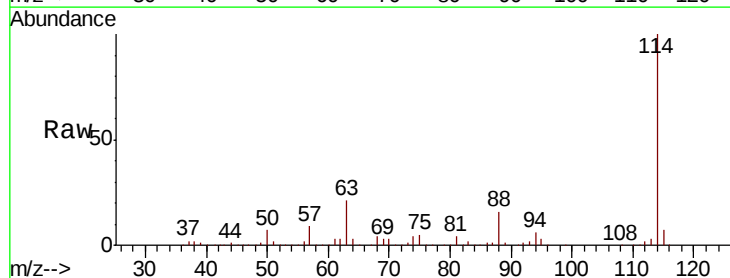
Tgt Ion: 114 Resp: 391897

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

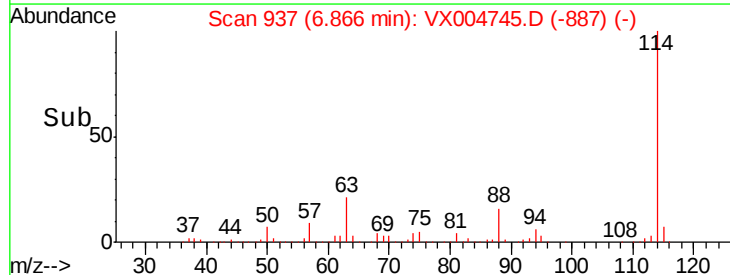
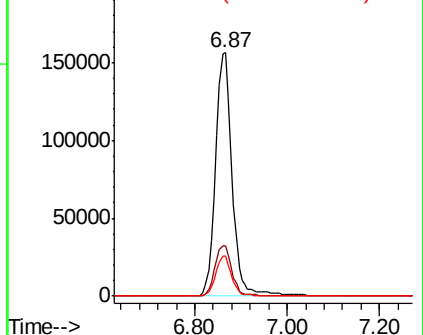
88 16.5 0.0 30.4

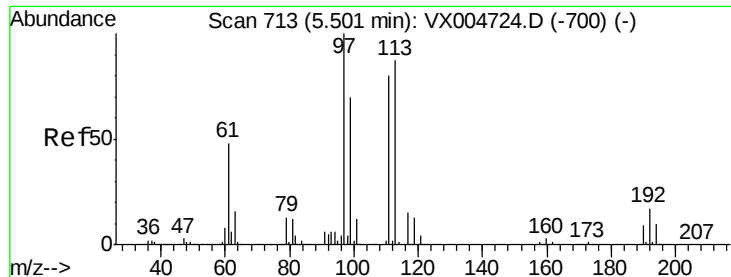


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

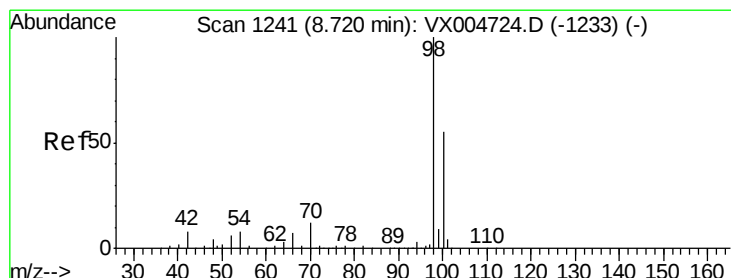
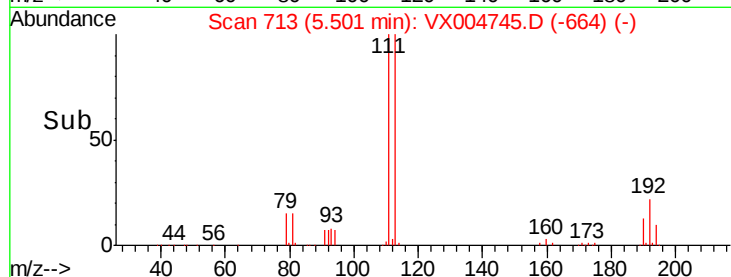
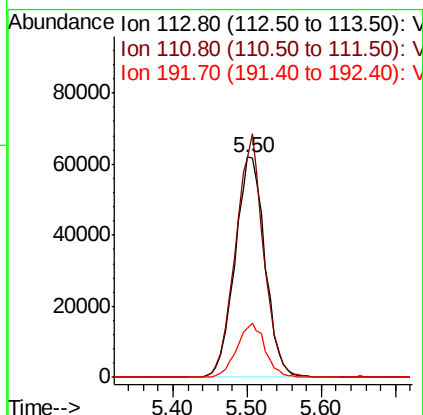
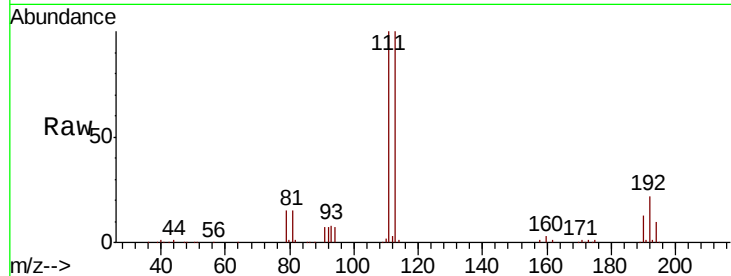




#35
 Dibromofluoromethane
 Concen: 52.867 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004745.D
 Acq: 27 Sep 2018 01:31

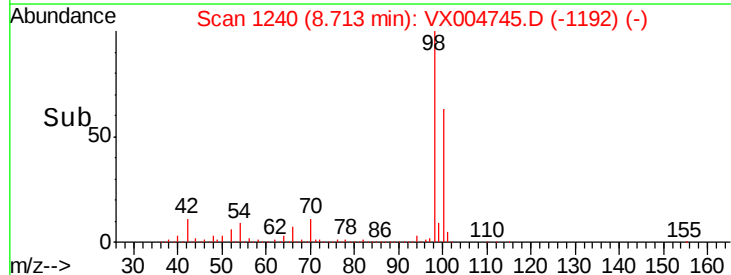
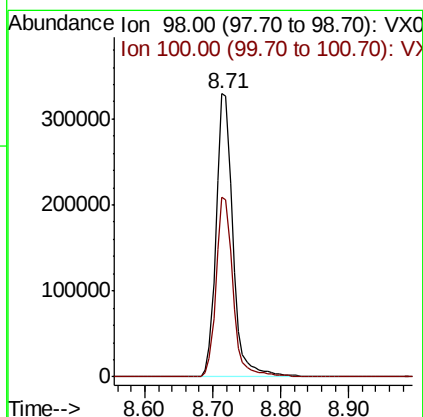
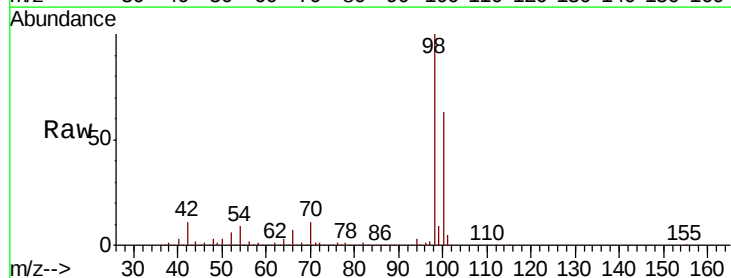
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-092018-02

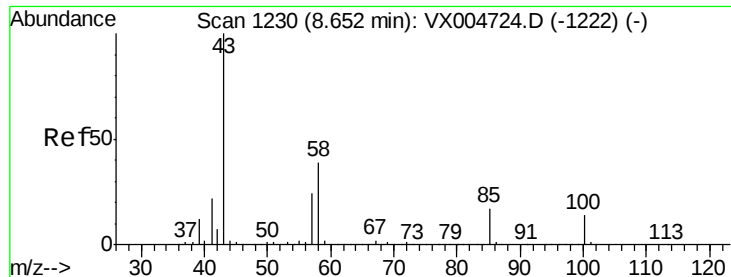
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	23.2	19.4	29.2



#50
 Toluene-d8
 Concen: 51.426 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VX004745.D
 Acq: 27 Sep 2018 01:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 1.734 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004745.D

Acq: 27 Sep 2018 01:31

Instrument :

MSVOA_X

ClientSampleId :

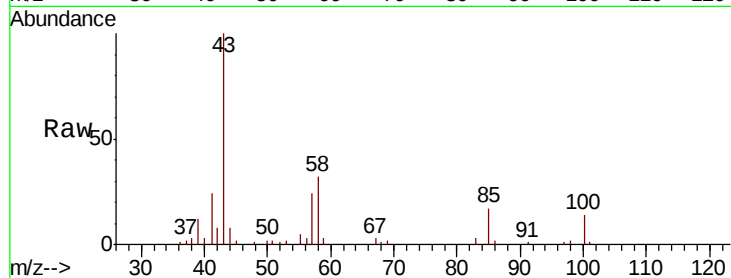
FB-092018-02

Tot Ion: 43 Resp: 9478

Ion Ratio Lower Upper

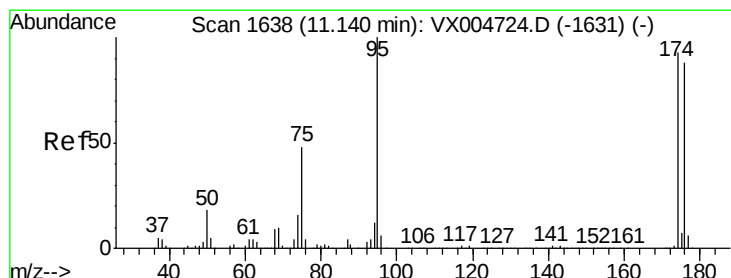
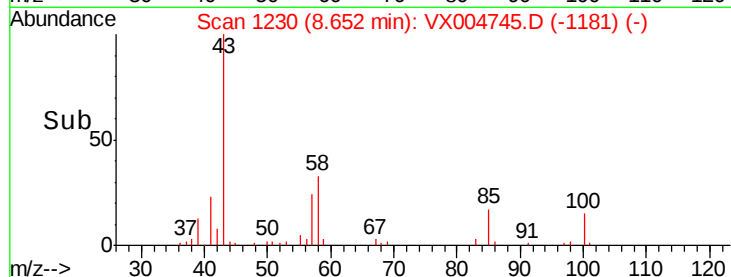
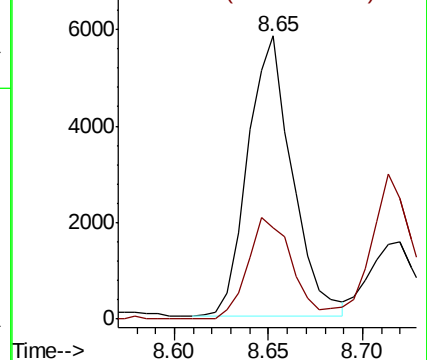
43 100

58 36.5 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 52.367 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004745.D

Acq: 27 Sep 2018 01:31

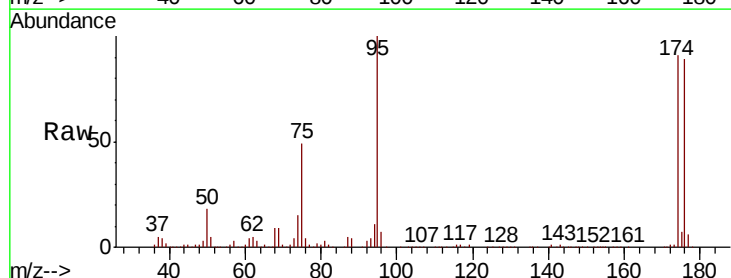
Tgt Ion: 95 Resp: 208310

Ion Ratio Lower Upper

95 100

174 89.9 0.0 185.2

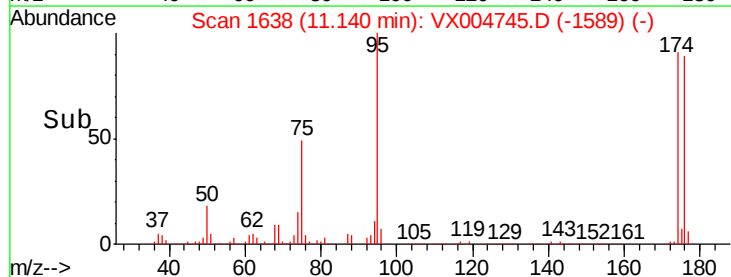
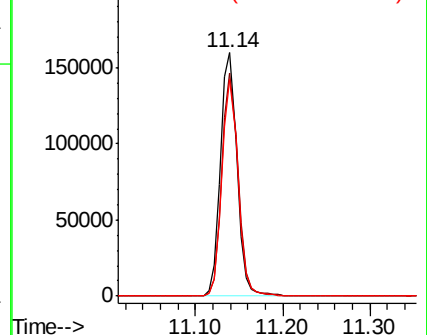
176 87.0 0.0 178.6

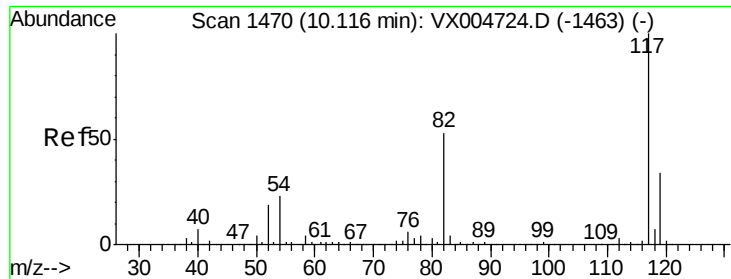


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

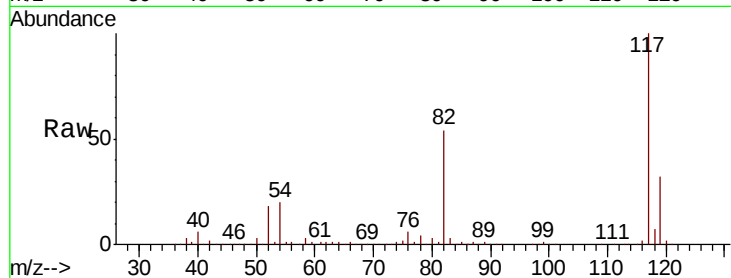




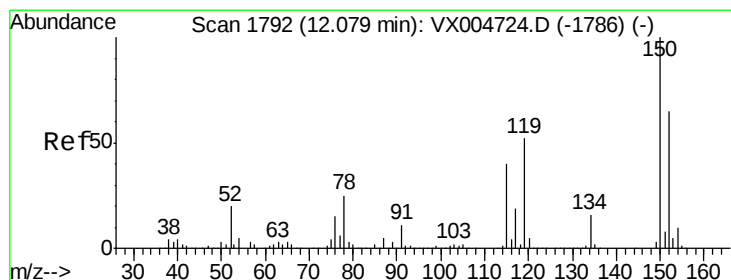
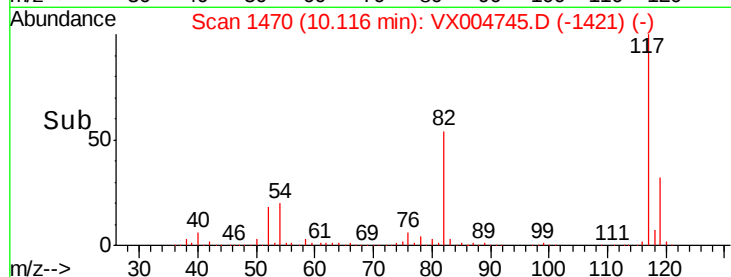
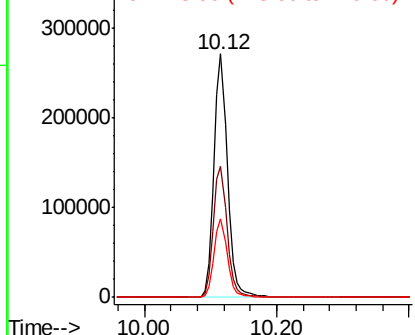
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004745.D
Acq: 27 Sep 2018 01:31

Instrument :
MSVOA_X
ClientSampleId :
FB-092018-02

Tot Ion:117 Resp: 381533
Ion Ratio Lower Upper
117 100
82 53.9 47.8 71.6
119 32.2 29.3 43.9

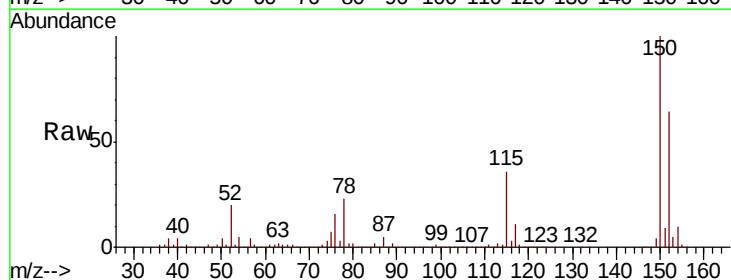


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

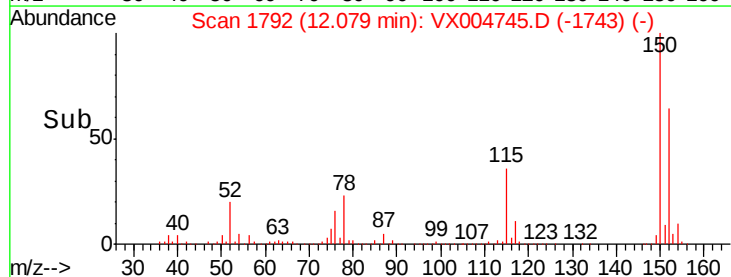
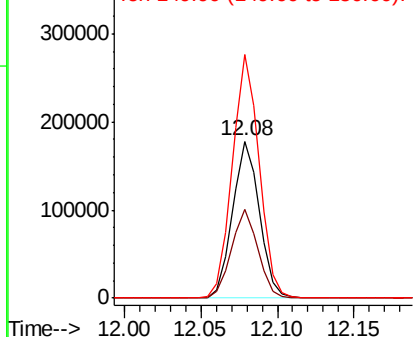


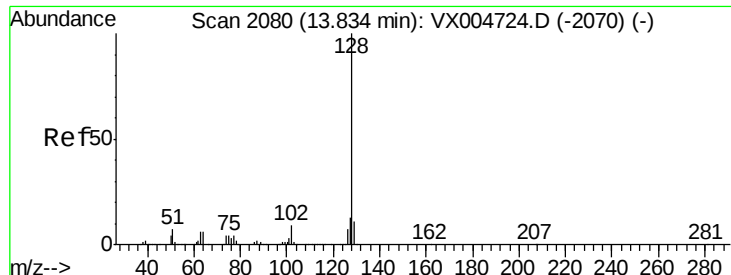
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004745.D
Acq: 27 Sep 2018 01:31

Tgt Ion:152 Resp: 216793
Ion Ratio Lower Upper
152 100
115 55.9 39.0 117.0
150 155.0 0.0 351.0



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





#95

Naphthalene

Concen: 3.289 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004745.D

Acq: 27 Sep 2018 01:31

Instrument :

MSVOA_X

ClientSampleId :

FB-092018-02

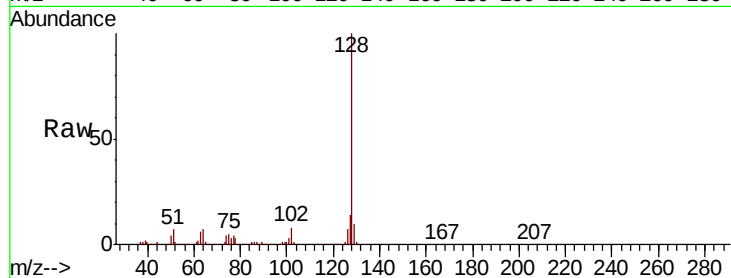
Tot Ion:128 Resp: 47020

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.3 8.6 12.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

