

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005126.D
 Acq On : 08 Oct 2018 14:42
 Operator : JC/MD
 Sample : J5224-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-QBC6

Quant Time: Oct 09 07:06:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	188786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164572	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141559	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	5.51	113	120761	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	8.71	98	425193	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.14	95	153645	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	

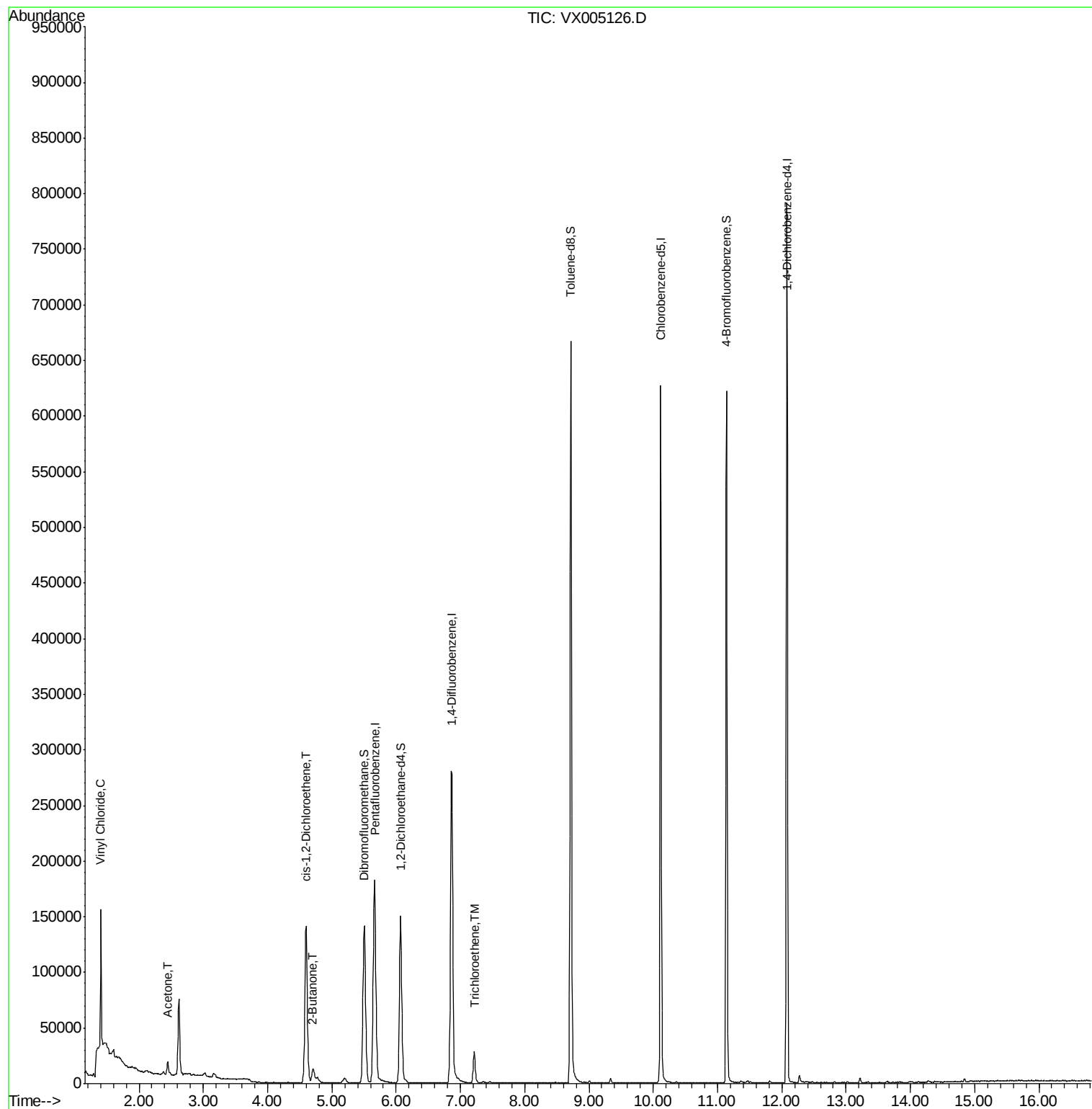
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	74362	25.39	ug/l	100
16) Acetone	2.45	43	12348	7.84	ug/l	91
25) 2-Butanone	4.71	43	22880	9.86	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	90948	36.36	ug/l	92
44) Trichloroethene	7.22	130	12057	4.52	ug/l	99

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005126.D

Acq: 08 Oct 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

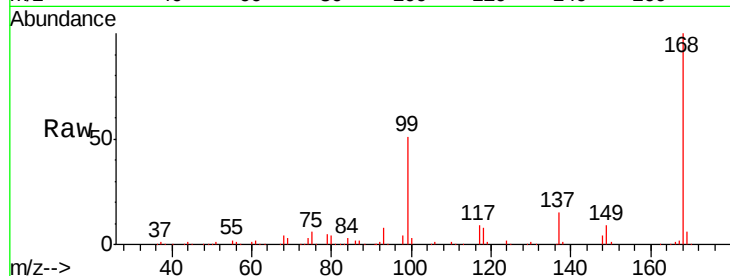
FA18-QBC6

Tgt Ion:168 Resp: 188786

Ion Ratio Lower Upper

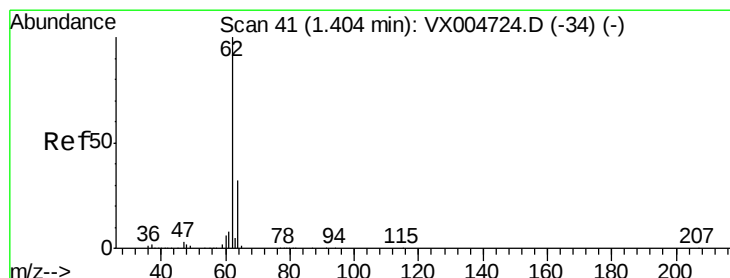
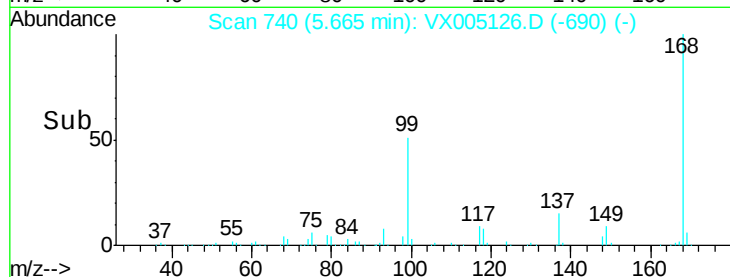
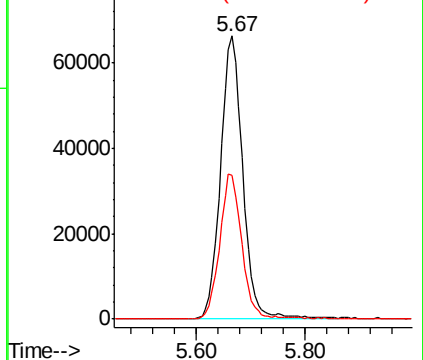
168 100

99 51.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 25.39 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005126.D

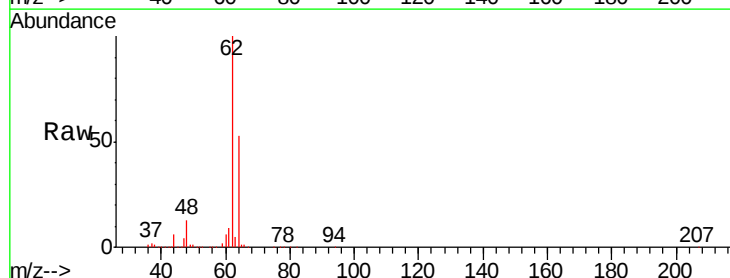
Acq: 08 Oct 2018 14:42

Tgt Ion: 62 Resp: 74362

Ion Ratio Lower Upper

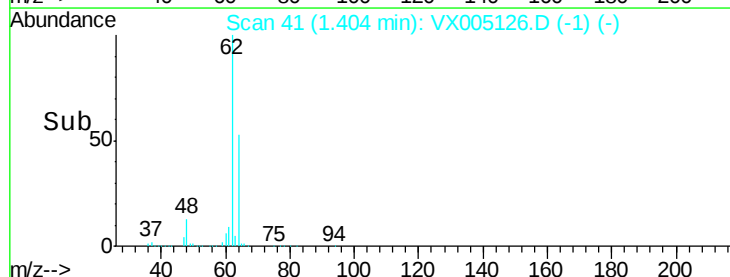
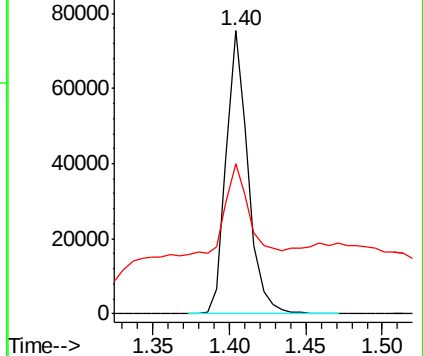
62 100

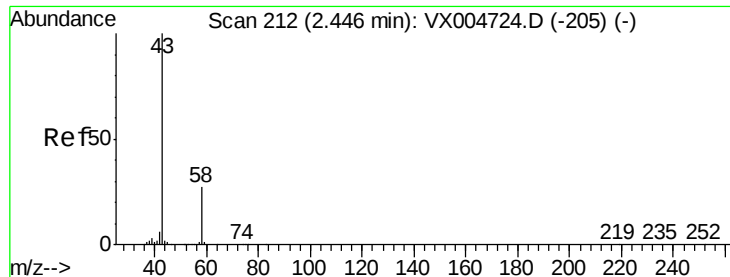
64 32.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 7.84 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005126.D

Acq: 08 Oct 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

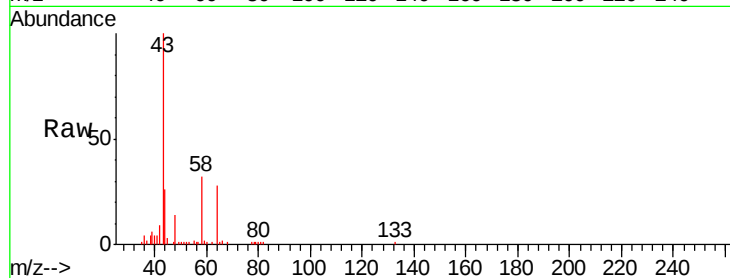
FA18-QBC6

Tgt Ion: 43 Resp: 12348

Ion Ratio Lower Upper

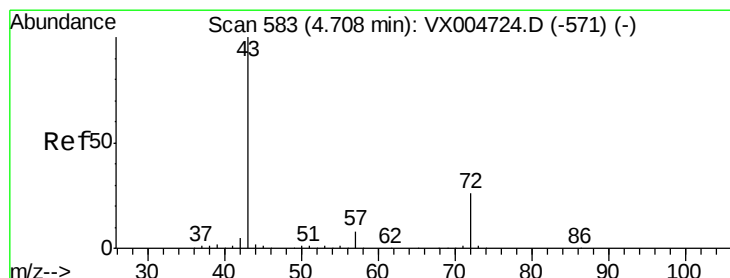
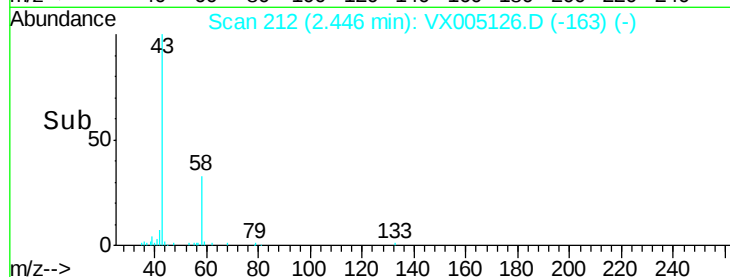
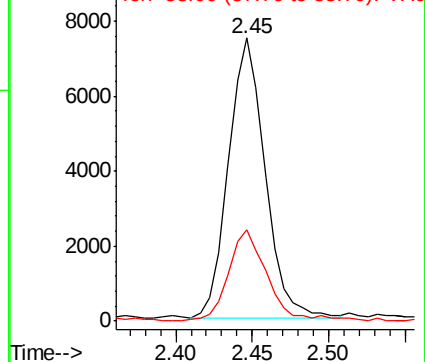
43 100

58 32.0 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#25

2-Butanone

Concen: 9.86 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005126.D

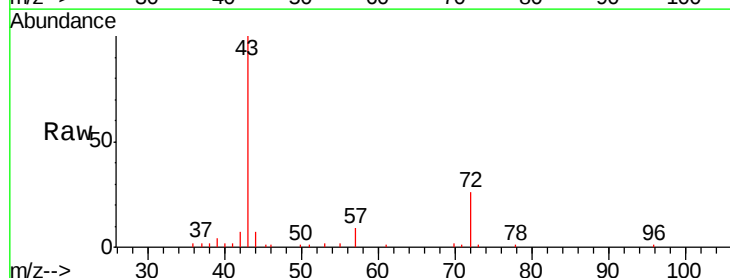
Acq: 08 Oct 2018 14:42

Tgt Ion: 43 Resp: 22880

Ion Ratio Lower Upper

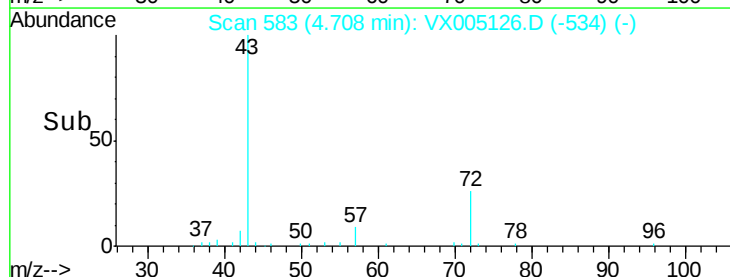
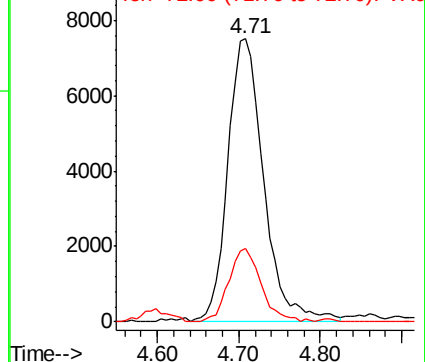
43 100

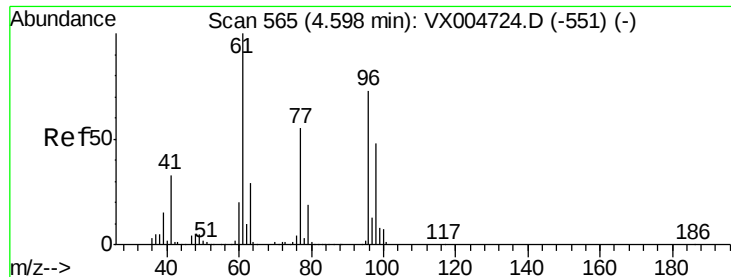
72 26.0 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 36.36 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX005126.D

Acq: 08 Oct 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

FA18-QBC6

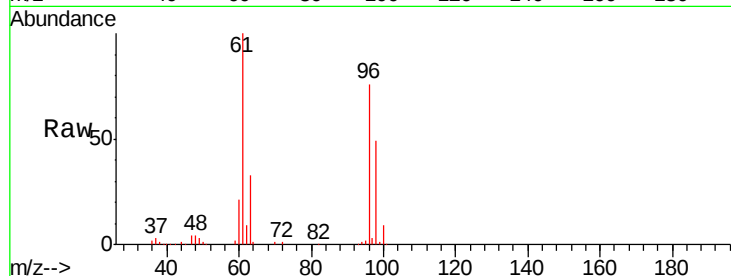
Tgt Ion: 96 Resp: 90948

Ion Ratio Lower Upper

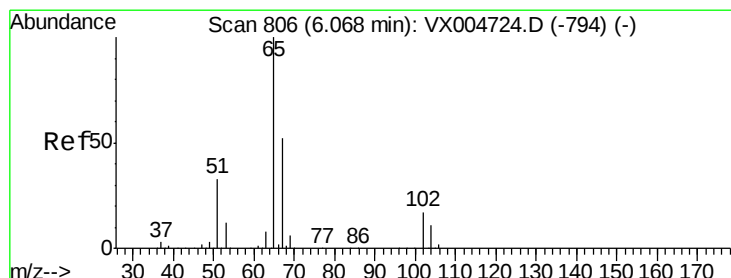
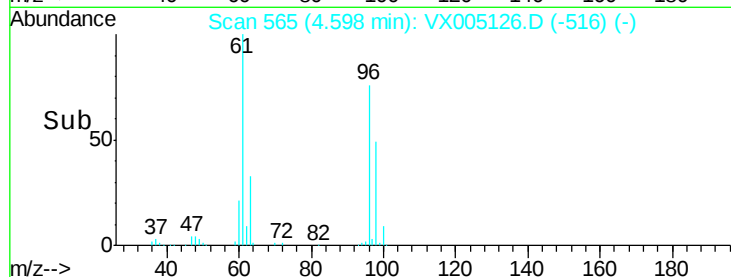
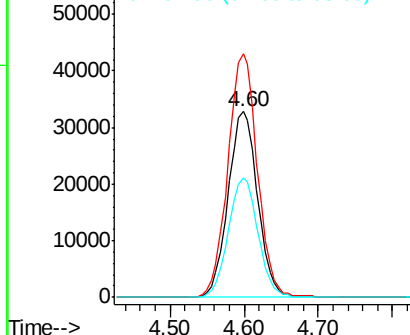
96 100

61 131.3 0.0 285.8

98 64.6 0.0 136.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.49 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005126.D

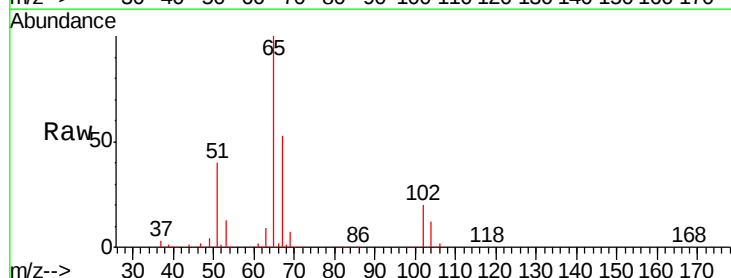
Acq: 08 Oct 2018 14:42

Tgt Ion: 65 Resp: 141559

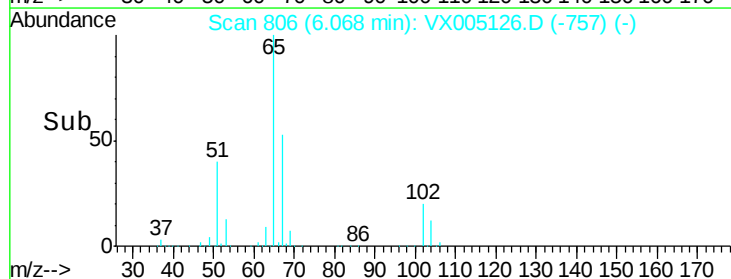
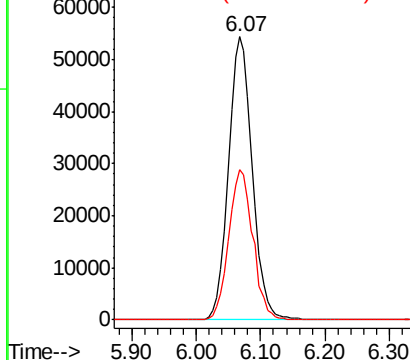
Ion Ratio Lower Upper

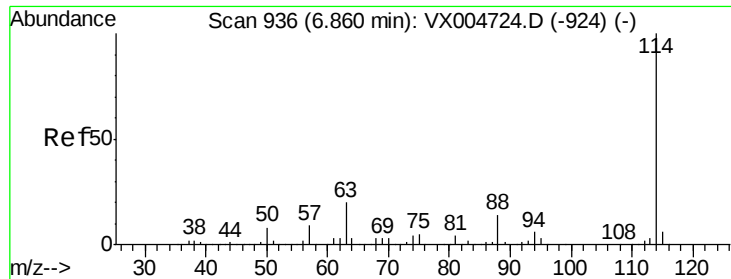
65 100

67 53.8 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

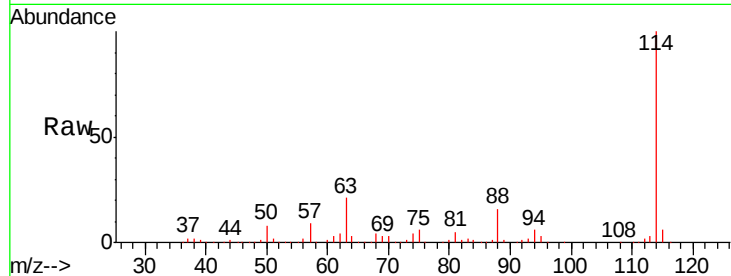




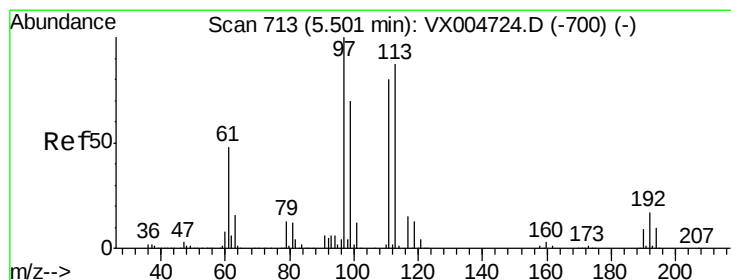
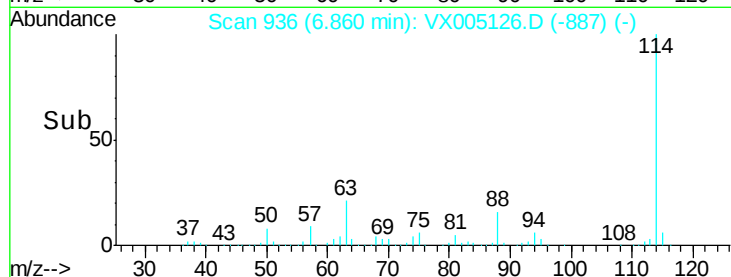
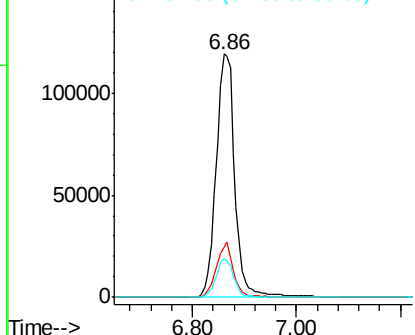
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005126.D
 Acq: 08 Oct 2018 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-QBC6

Tgt Ion:114 Resp: 299484
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.8
 88 15.8 0.0 27.0

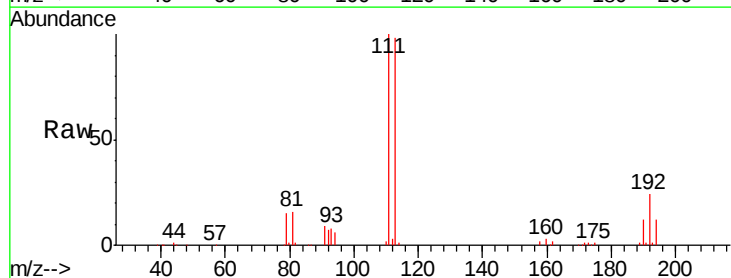


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

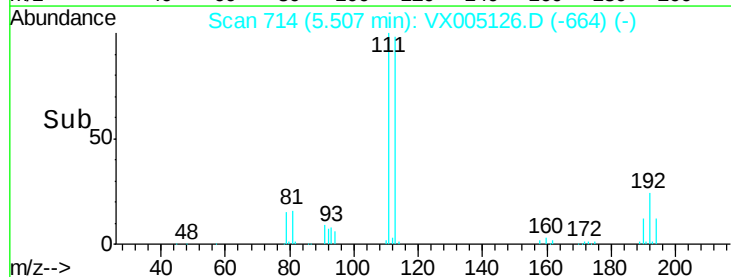
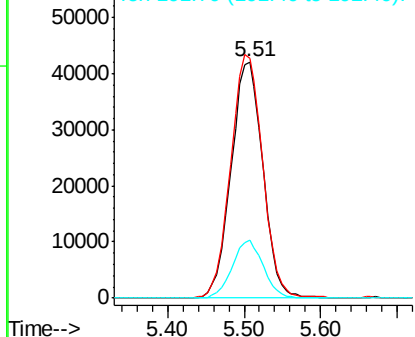


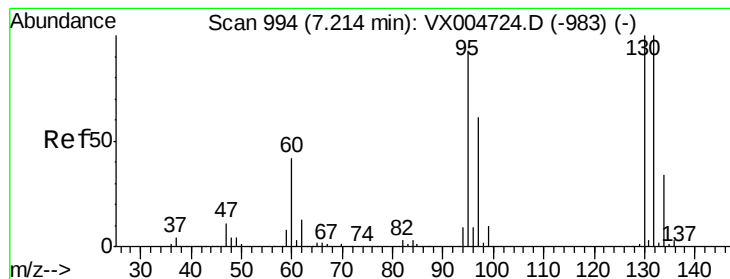
#35
 Dibromofluoromethane
 Concen: 47.58 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005126.D
 Acq: 08 Oct 2018 14:42

Tgt Ion:113 Resp: 120761
 Ion Ratio Lower Upper
 113 100
 111 103.9 77.0 115.4
 192 23.8 17.0 25.6



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





#44

Trichloroethene

Concen: 4.52 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005126.D

Acq: 08 Oct 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

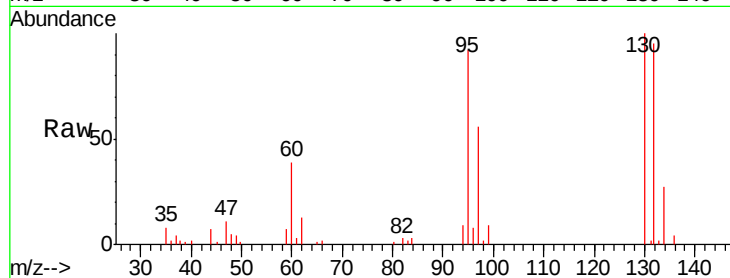
FA18-QBC6

Tgt Ion:130 Resp: 12057

Ion Ratio Lower Upper

130 100

95 92.2 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

6000

5000

4000

3000

2000

1000

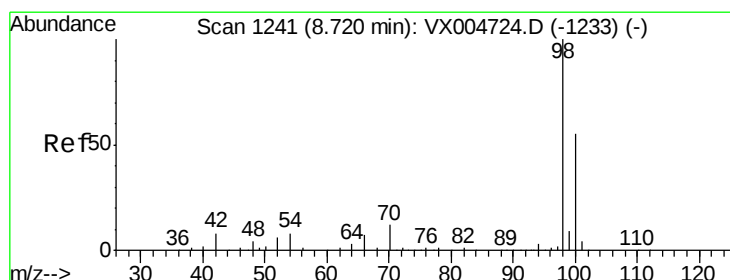
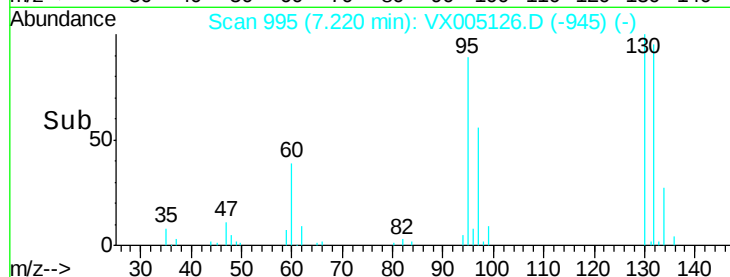
0

Time-->

7.10

7.20

7.30



#50

Toluene-d8

Concen: 50.39 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX005126.D

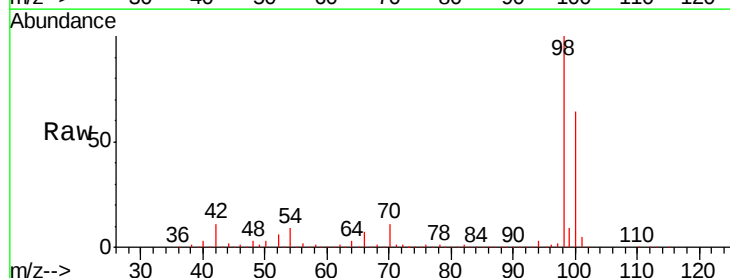
Acq: 08 Oct 2018 14:42

Tgt Ion: 98 Resp: 425193

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

250000

200000

150000

100000

50000

0

Time-->

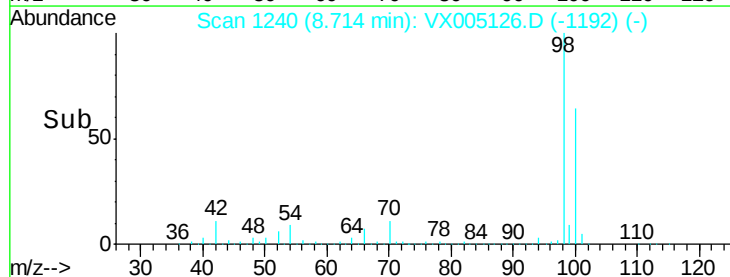
8.60

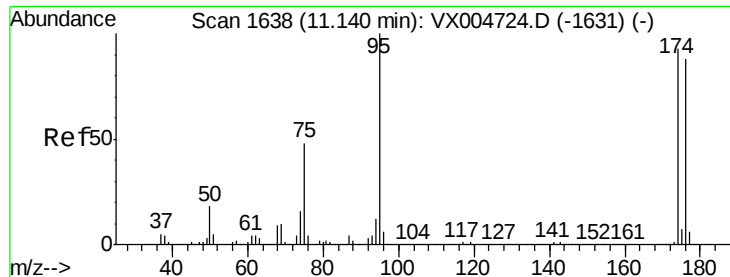
8.70

8.80

8.90

9.00





#62

4-Bromofluorobenzene

Concen: 50.54 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005126.D

Acq: 08 Oct 2018 14:42

Instrument :

MSVOA_X

ClientSampleId :

FA18-QBC6

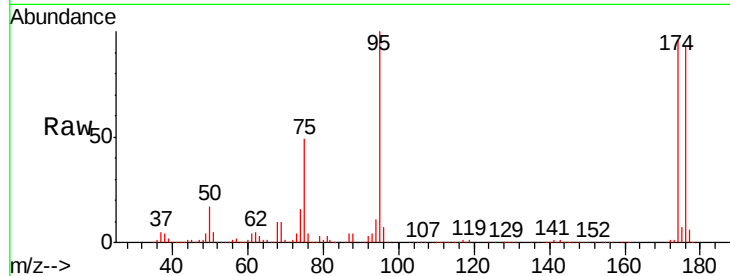
Tgt Ion: 95 Resp: 153645

Ion Ratio Lower Upper

95 100

174 93.9 0.0 185.0

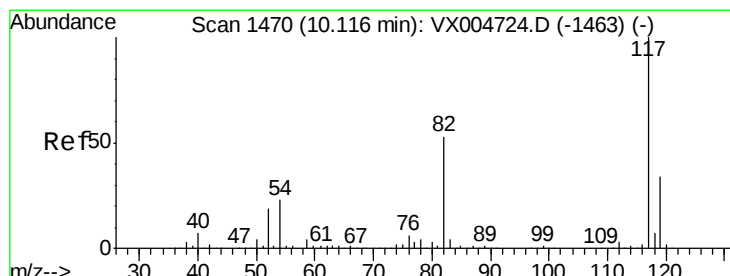
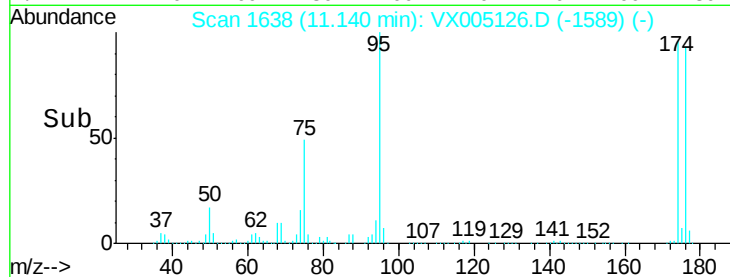
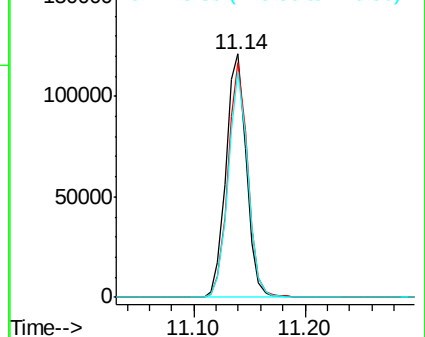
176 89.6 0.0 180.2



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: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005126.D

Acq: 08 Oct 2018 14:42

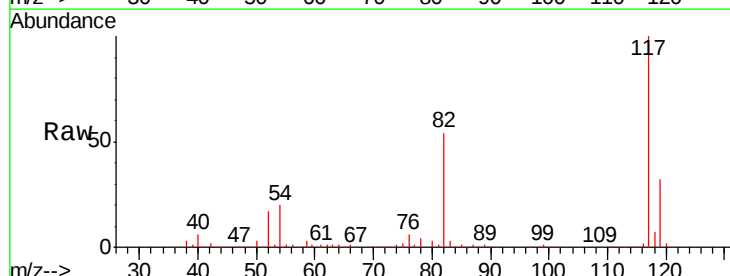
Tgt Ion: 117 Resp: 291853

Ion Ratio Lower Upper

117 100

82 54.1 42.2 63.4

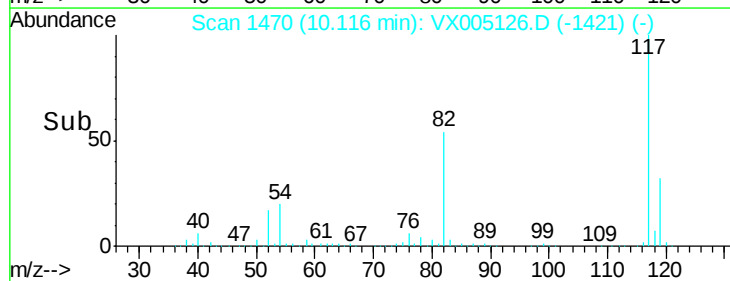
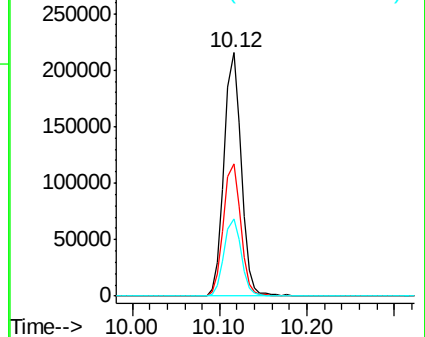
119 31.8 27.4 41.0

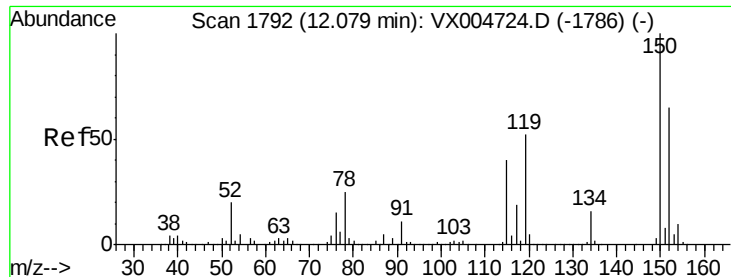


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

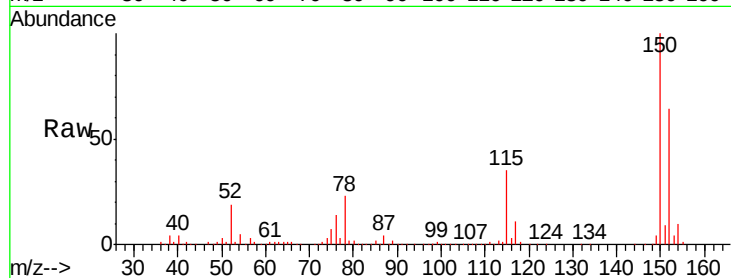




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005126.D
 Acq: 08 Oct 2018 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-QBC6

Tgt Ion:152 Resp: 164572
 Ion Ratio Lower Upper
 152 100
 115 55.4 40.2 120.6
 150 157.3 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

