

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005984.D
 Acq On : 14 Nov 2018 19:42
 Operator : JC/MD
 Sample : J5925-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6S

Quant Time: Nov 15 01:36:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

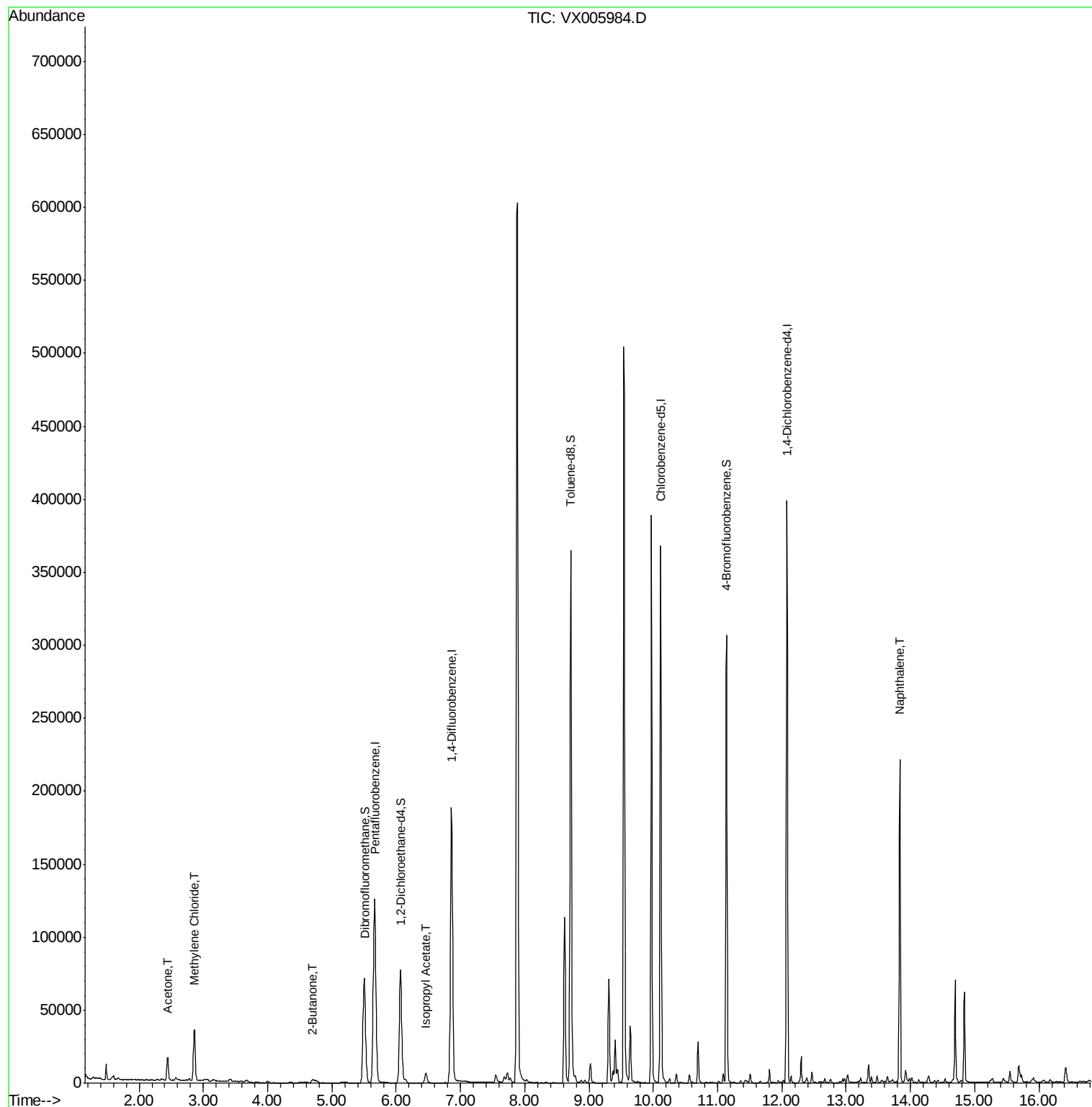
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	132634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	188689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	169978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	82660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	75169	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
35) Dibromofluoromethane	5.51	113	62616	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	8.71	98	228302	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
62) 4-Bromofluorobenzene	11.14	95	79616	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
Target Compounds						
16) Acetone	2.45	43	17346	21.13	ug/l	Qvalue 100
20) Methylene Chloride	2.86	84	16059	11.91	ug/l	92
25) 2-Butanone	4.70	43	4537	3.52	ug/l	91
43) Isopropyl Acetate	6.46	43	9034	2.61	ug/l	98
95) Naphthalene	13.83	128	131594	22.78	ug/l	100

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

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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: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampled :

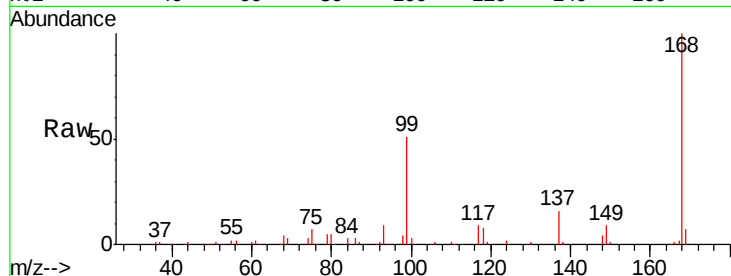
TP-6S

Tgt Ion:168 Resp: 132634

Ion Ratio Lower Upper

168 100

99 51.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

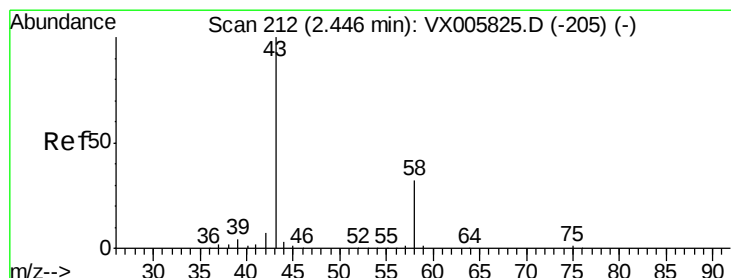
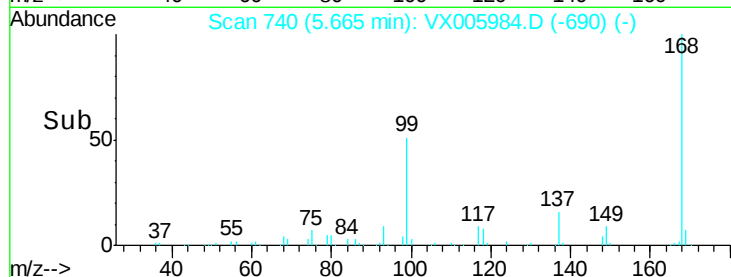
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 21.13 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005984.D

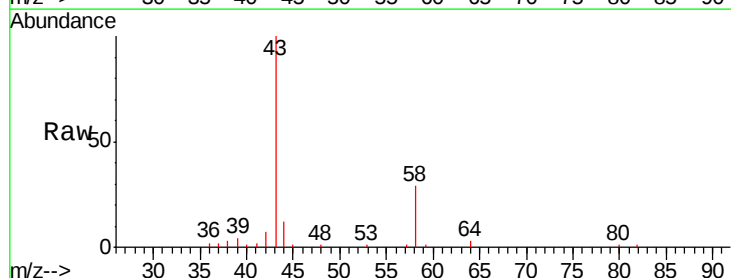
Acq: 14 Nov 2018 19:42

Tgt Ion: 43 Resp: 17346

Ion Ratio Lower Upper

43 100

58 29.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

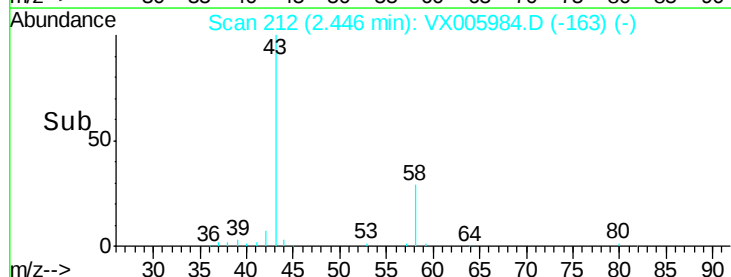
6000

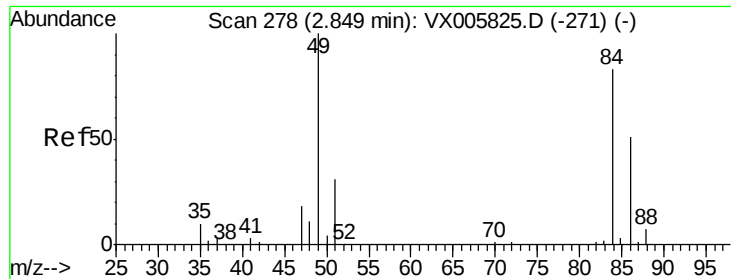
4000

2000

0

Time--> 2.40 2.45 2.50

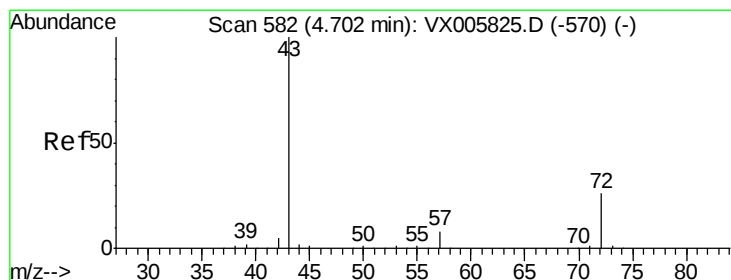
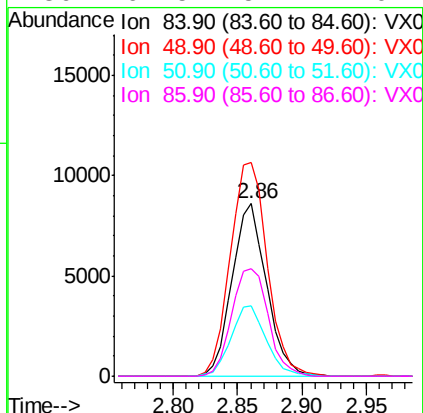
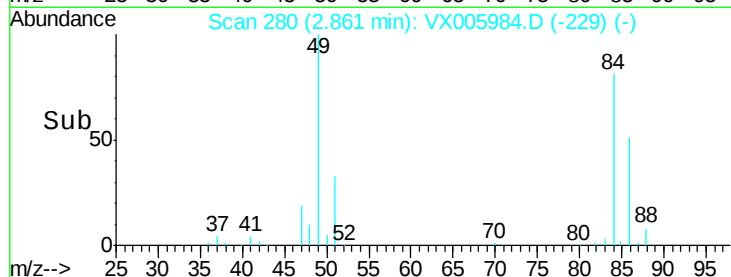
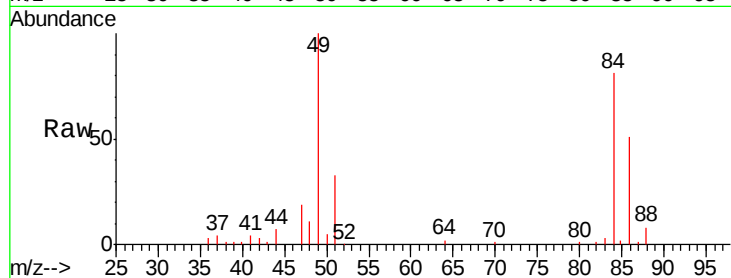




#20
Methylene Chloride
Concen: 11.91 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

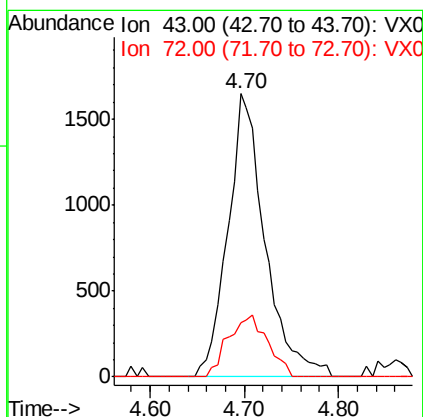
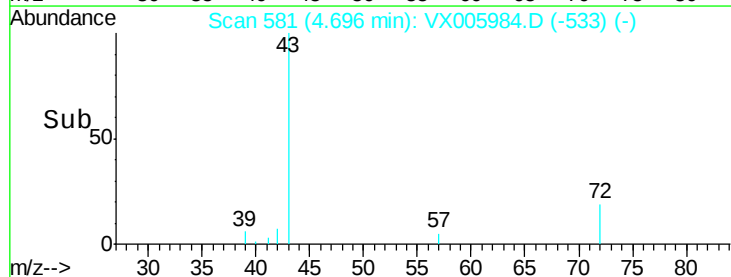
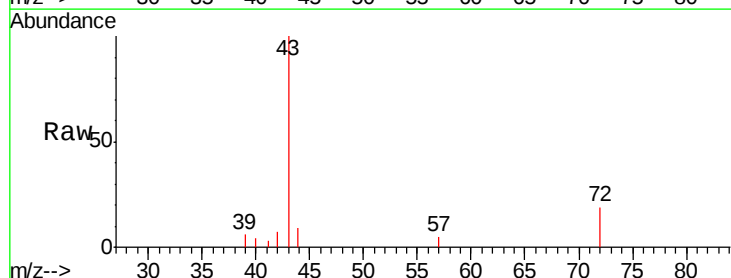
Instrument :
MSVOA_X
ClientSampleId :
TP-6S

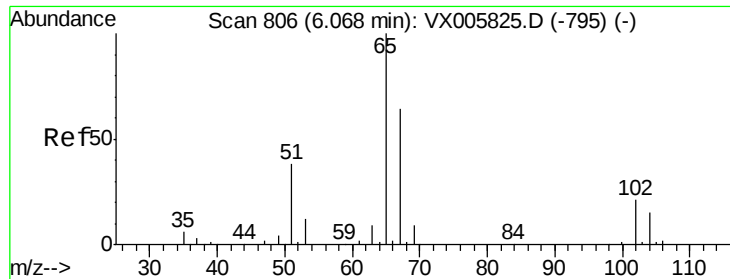
Tgt Ion: 84 Resp: 16059
Ion Ratio Lower Upper
84 100
49 123.7 109.5 164.3
51 40.9 33.3 49.9
86 62.5 52.7 79.1



#25
2-Butanone
Concen: 3.52 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

Tgt Ion: 43 Resp: 4537
Ion Ratio Lower Upper
43 100
72 19.4 19.2 28.8

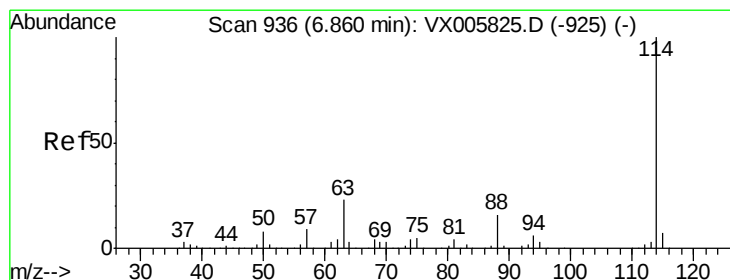
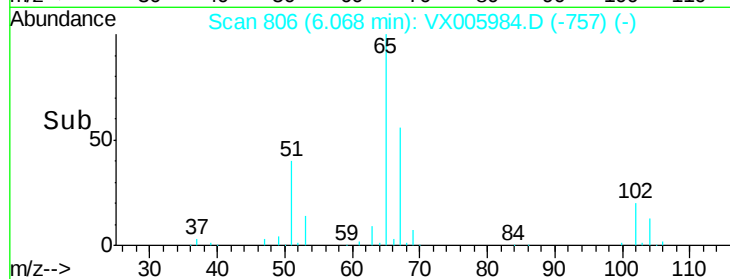
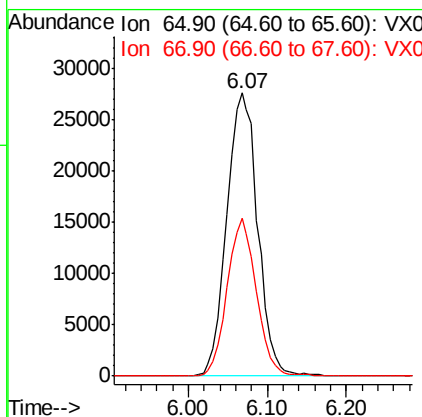
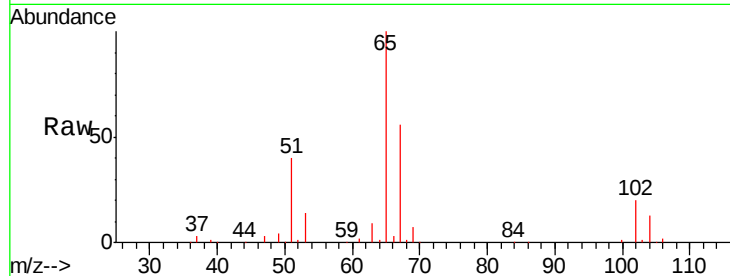




#33
 1,2-Dichloroethane-d4
 Concen: 49.30 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005984.D
 Acq: 14 Nov 2018 19:42

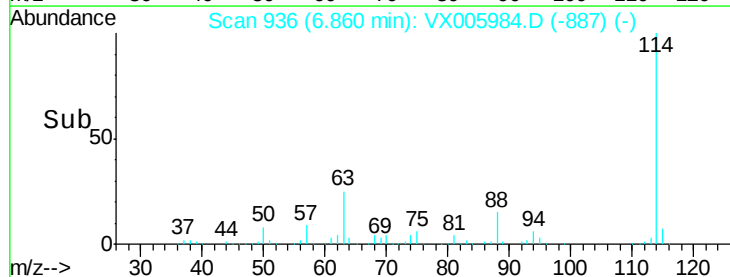
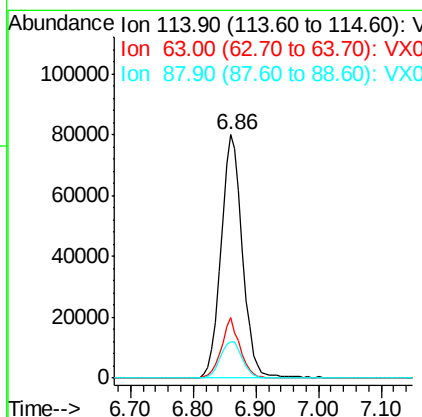
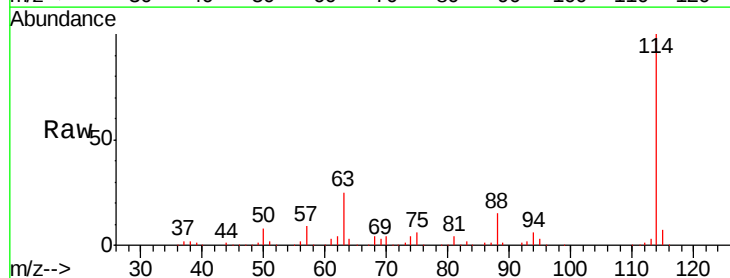
Instrument :
 MSVOA_X
 ClientSampled :
 TP-6S

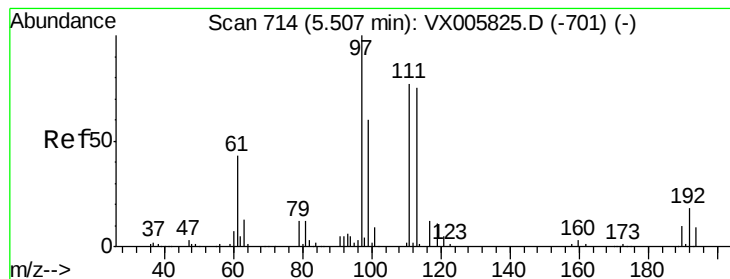
Tgt Ion: 65 Resp: 75169
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005984.D
 Acq: 14 Nov 2018 19:42

Tgt Ion: 114 Resp: 188689
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 42.8
 88 14.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.79 ug/l

RT: 5.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampled :

TP-6S

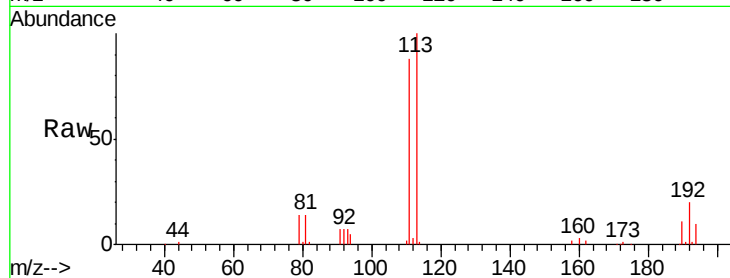
Tgt Ion:113 Resp: 62616

Ion Ratio Lower Upper

113 100

111 98.9 82.3 123.5

192 23.0 17.9 26.9

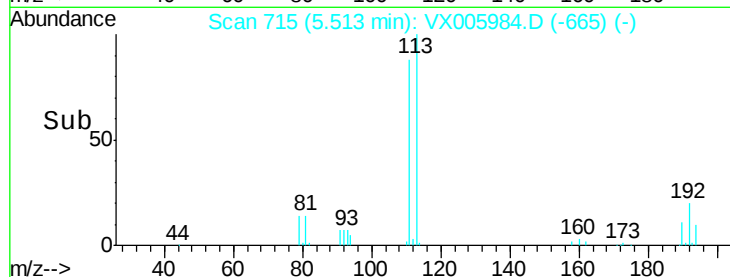


Abundance Ion 112.80 (112.50 to 113.50): V

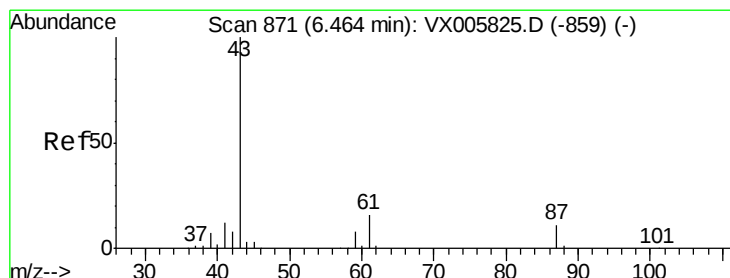
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



Time-->



#43

Isopropyl Acetate

Concen: 2.61 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

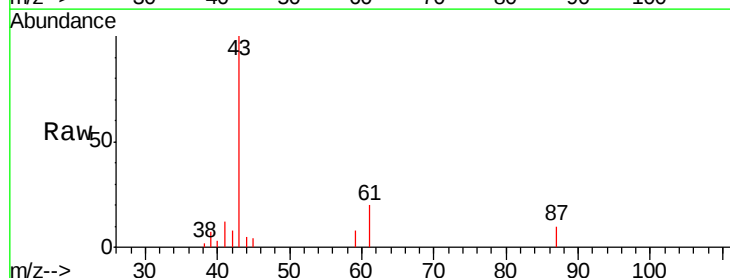
Tgt Ion: 43 Resp: 9034

Ion Ratio Lower Upper

43 100

61 19.3 14.6 22.0

87 12.3 9.6 14.4

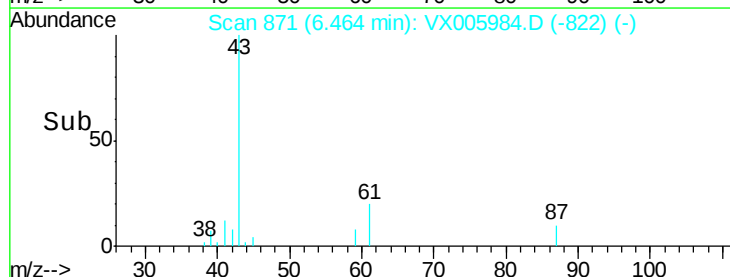


Abundance Ion 43.00 (42.70 to 43.70): VX0

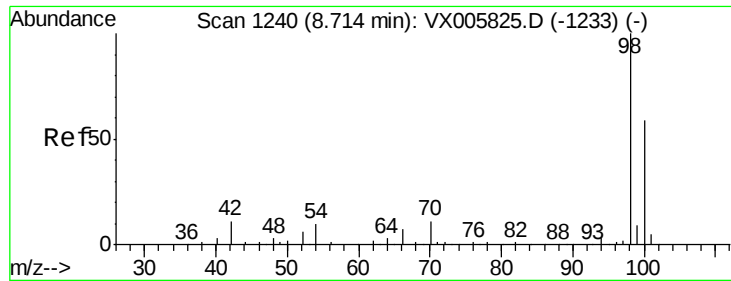
Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Time-->



Time-->



#50

Toluene-d8

Concen: 53.51 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

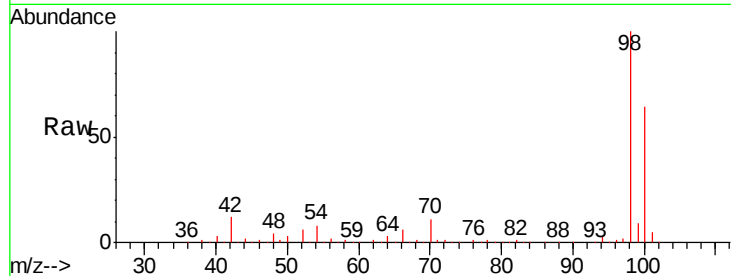
TP-6S

Tgt Ion: 98 Resp: 228302

Ion Ratio Lower Upper

98 100

100 63.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

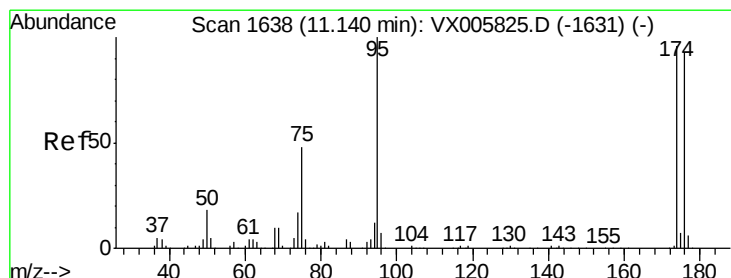
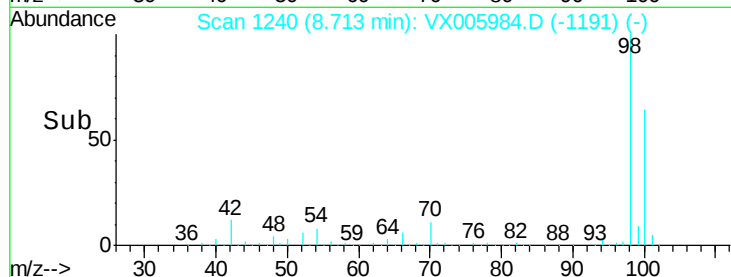
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.90 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

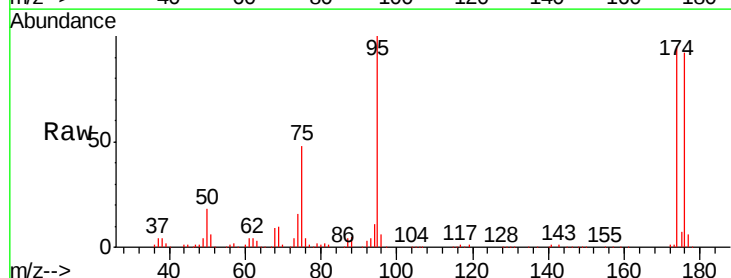
Tgt Ion: 95 Resp: 79616

Ion Ratio Lower Upper

95 100

174 89.3 0.0 184.4

176 86.6 0.0 177.4



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

11.14

80000

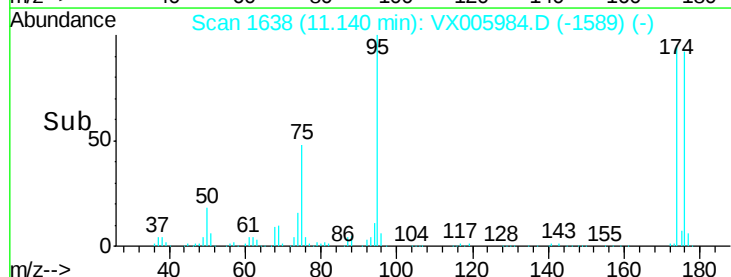
60000

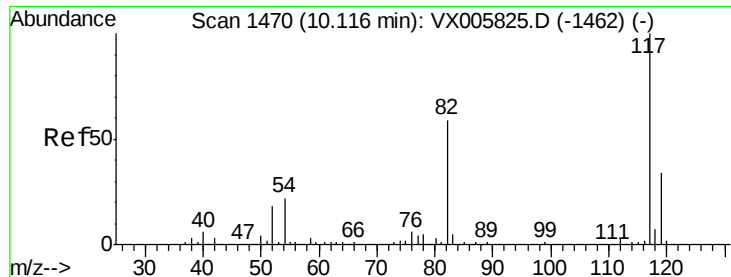
40000

20000

0

Time-->

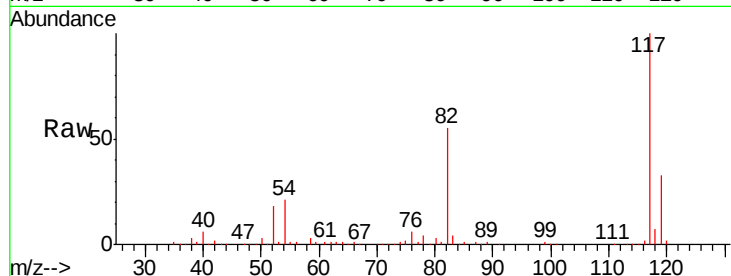




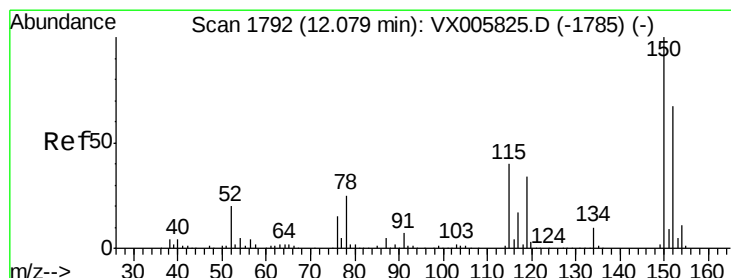
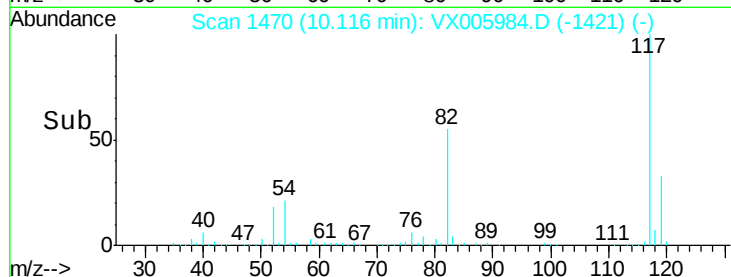
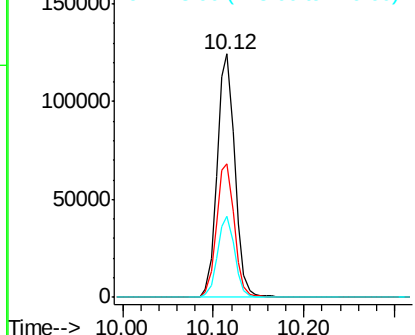
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

Instrument :
MSVOA_X
ClientSampleId :
TP-6S

Tgt Ion:117 Resp: 169978
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 33.2 26.2 39.2

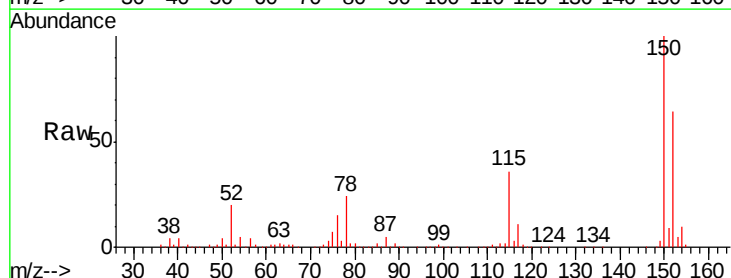


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

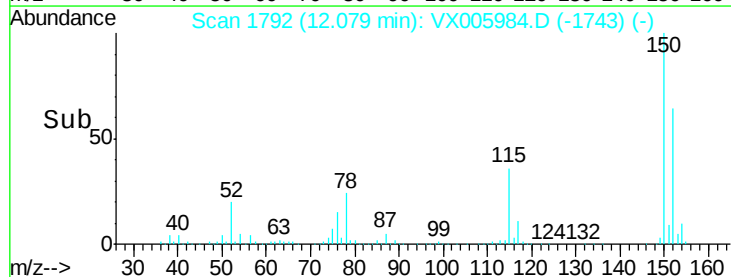
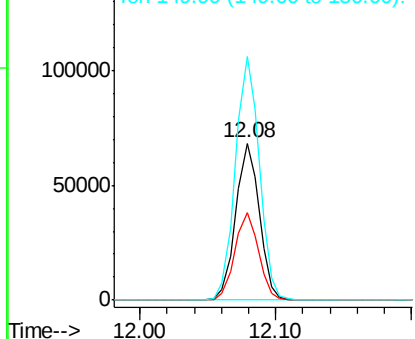


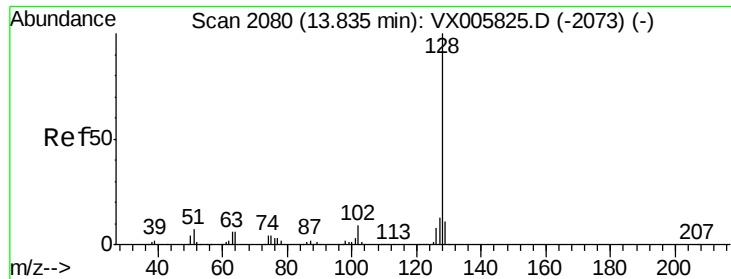
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

Tgt Ion:152 Resp: 82660
Ion Ratio Lower Upper
152 100
115 55.9 39.4 118.1
150 157.2 0.0 346.4



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: 22.78 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

Instrument :
MSVOA_X
ClientSampleId :
TP-6S

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.8	8.7	13.1

