

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006044.D
 Acq On : 16 Nov 2018 12:42
 Operator : JC/MD
 Sample : J5934-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0143

Quant Time: Nov 17 01:23:25 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

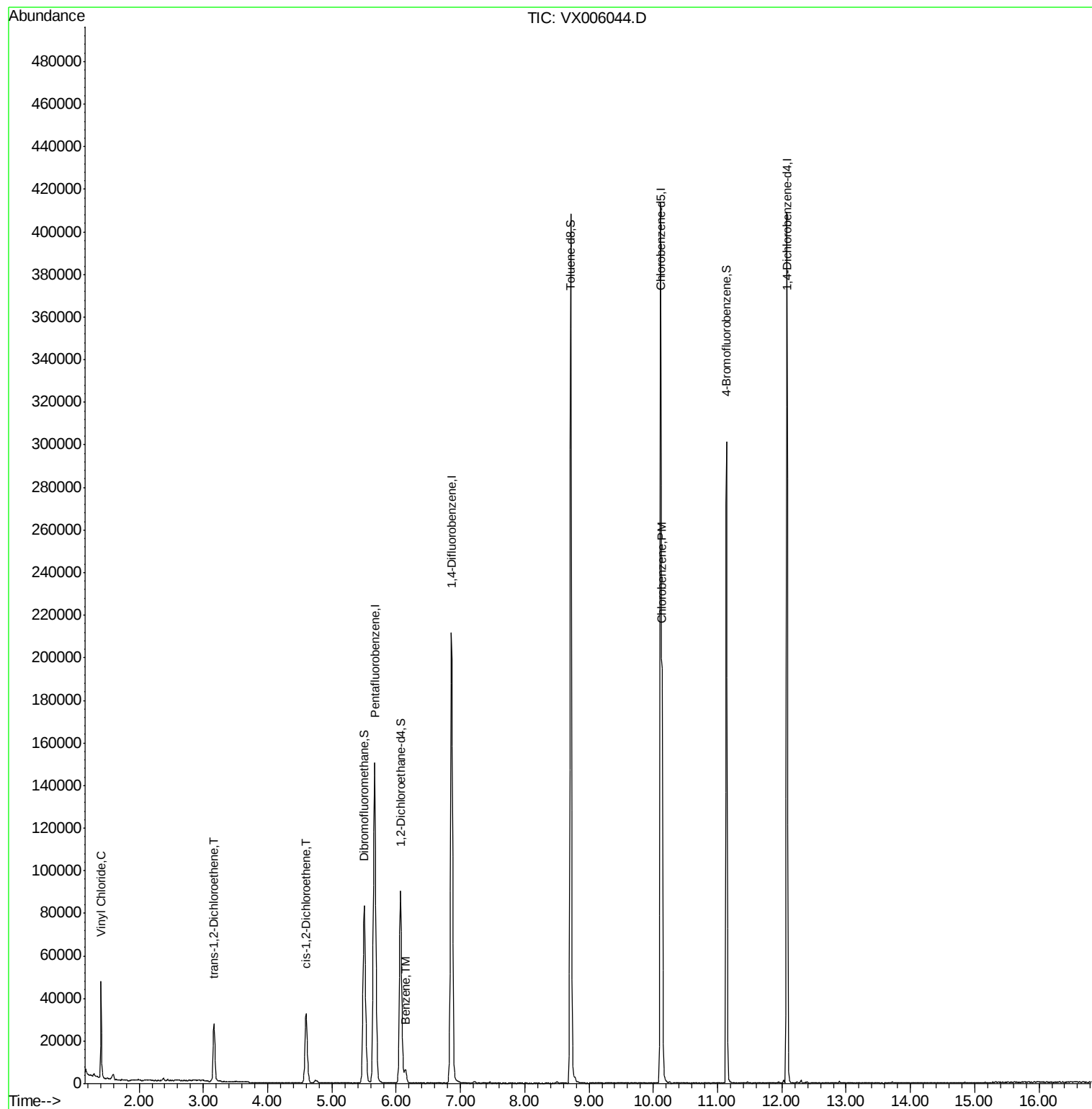
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	151892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	211981	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	194000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	87922	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
35) Dibromofluoromethane	5.50	113	71074	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	8.71	98	243791	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.14	95	77585	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
Target Compounds						
4) Vinyl Chloride	1.41	62	30442	16.872	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	10761	7.599	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	21038	13.455	ug/l	87
40) Benzene	6.15	78	6999	1.175	ug/l	98
65) Chlorobenzene	10.14	112	80626	20.745	ug/l	94

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

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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
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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: VX006044.D

Acq: 16 Nov 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

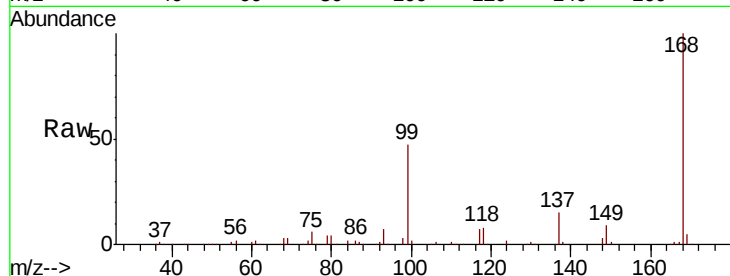
S36-0143

Tot Ion:168 Resp: 151892

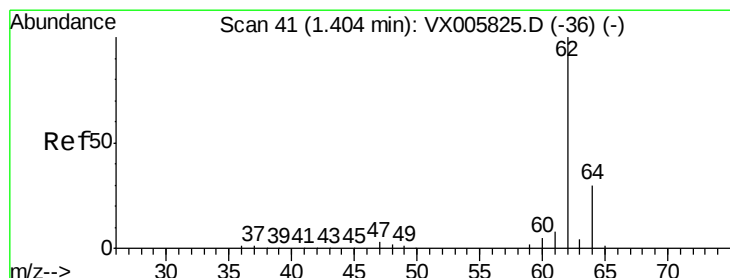
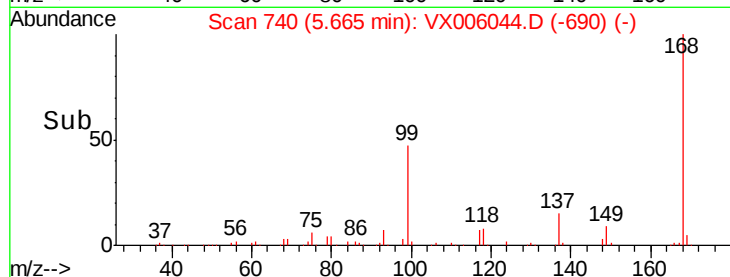
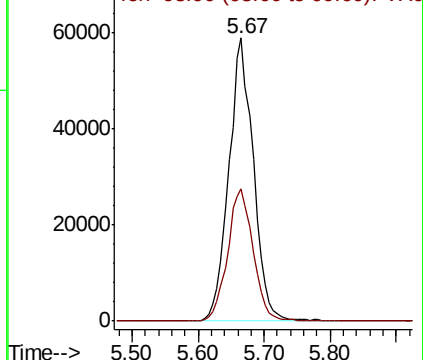
Ion Ratio Lower Upper

168 100

99 47.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005825.D (-727) (-)



#4

Vinyl Chloride

Concen: 16.872 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX006044.D

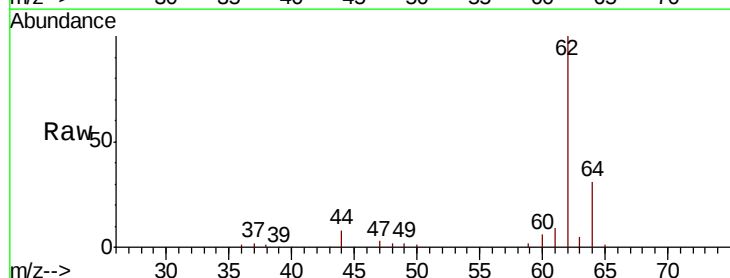
Acq: 16 Nov 2018 12:42

Tgt Ion: 62 Resp: 30442

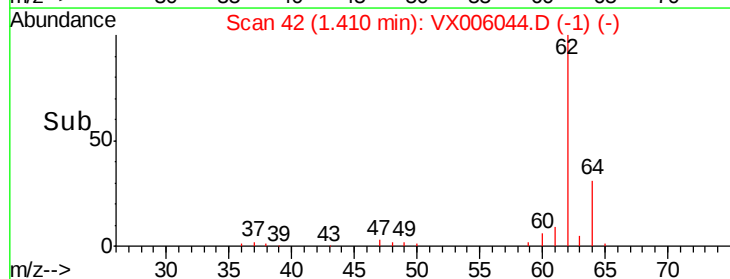
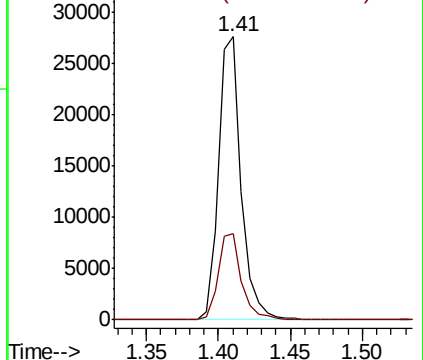
Ion Ratio Lower Upper

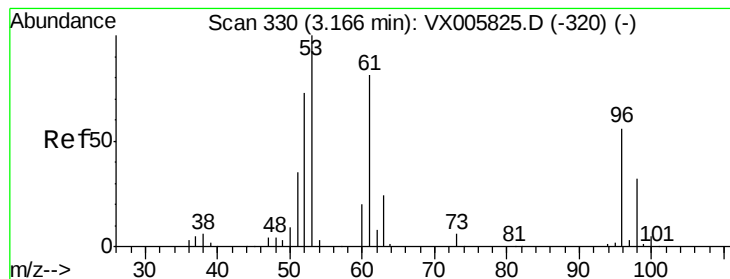
62 100

64 30.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX005825.D (-36) (-)





#21

trans-1,2-Dichloroethene

Concen: 7.599 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006044.D

Acq: 16 Nov 2018 12:42

Instrument :

MSVOA_X

ClientSampled :

S36-0143

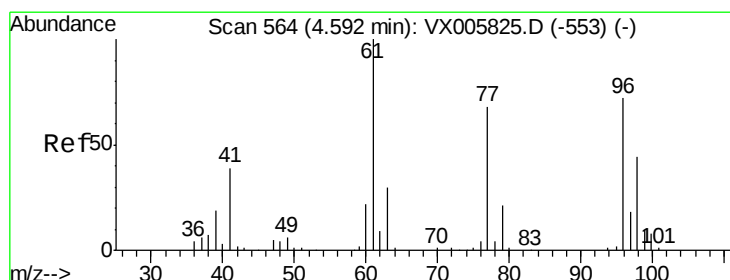
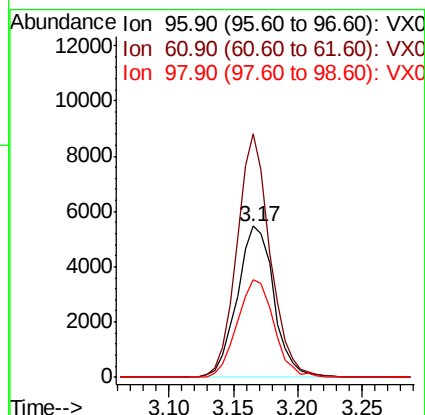
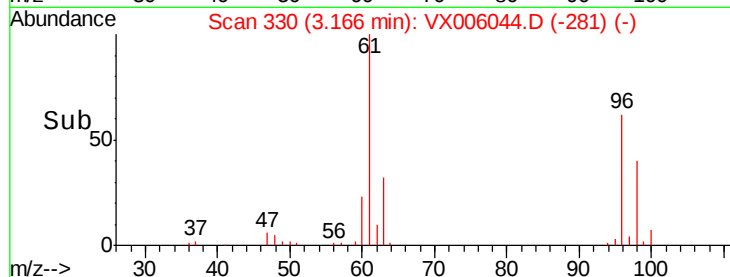
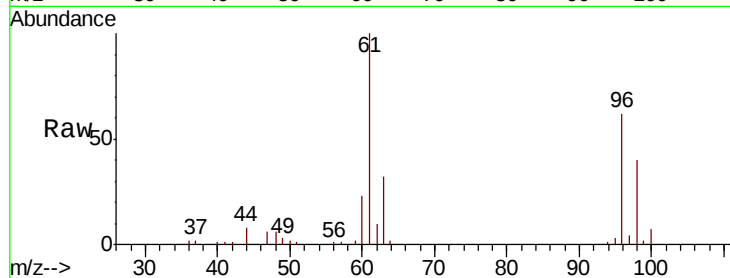
Tot Ion: 96 Resp: 10761

Ion Ratio Lower Upper

96 100

61 161.2 115.6 173.4

98 64.6 50.2 75.2



#27

cis-1,2-Dichloroethene

Concen: 13.455 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX006044.D

Acq: 16 Nov 2018 12:42

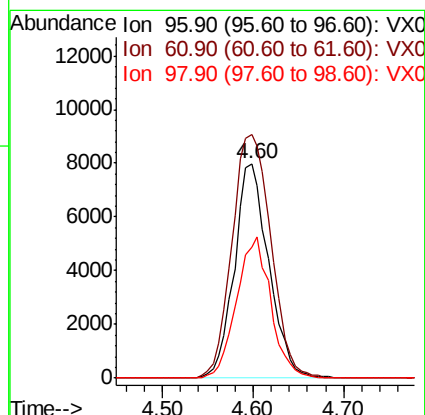
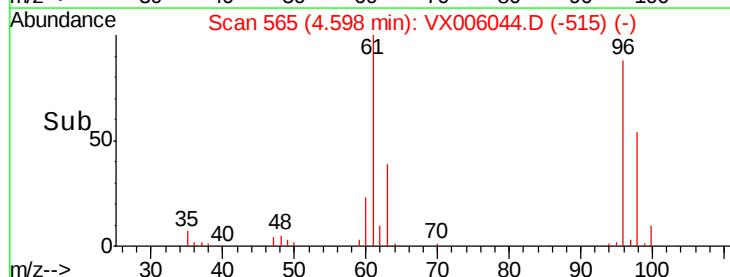
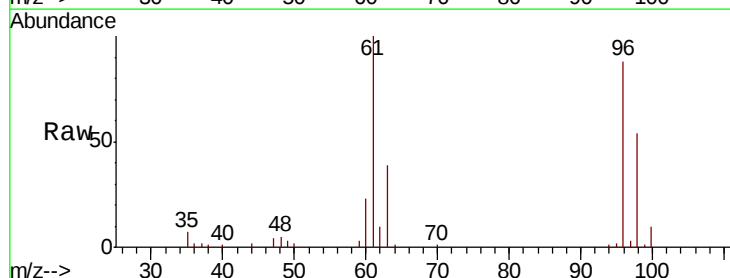
Tgt Ion: 96 Resp: 21038

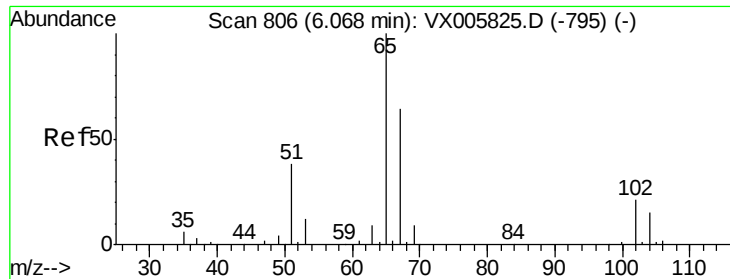
Ion Ratio Lower Upper

96 100

61 128.8 0.0 304.6

98 65.1 0.0 127.4

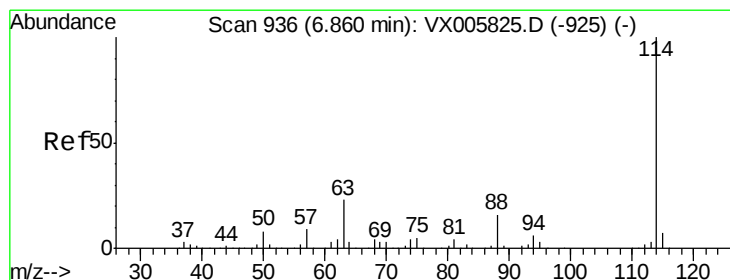
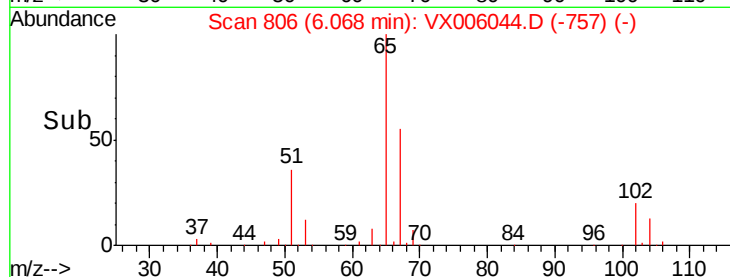
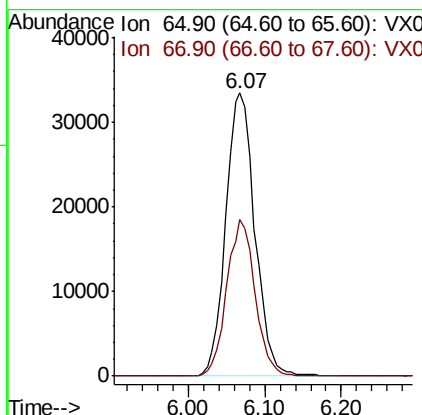
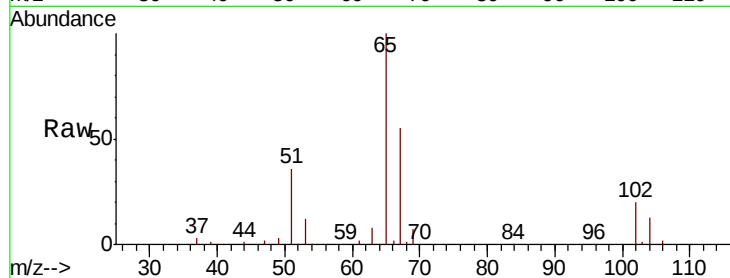




#33
 1,2-Dichloroethane-d4
 Concen: 50.351 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006044.D
 Acq: 16 Nov 2018 12:42

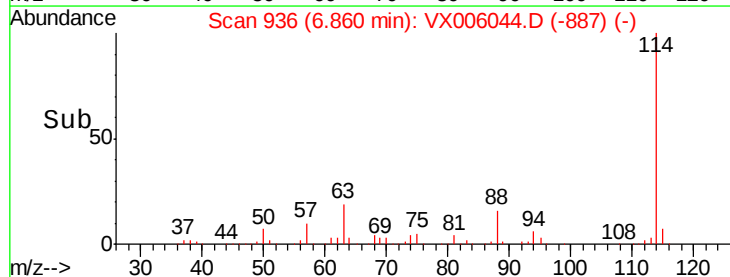
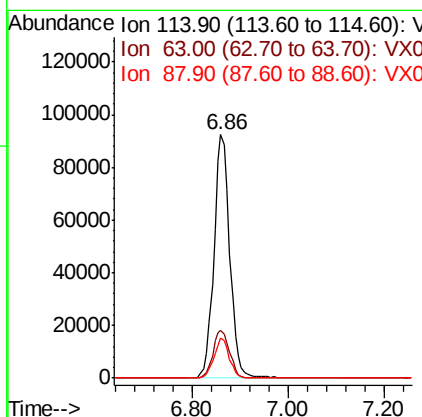
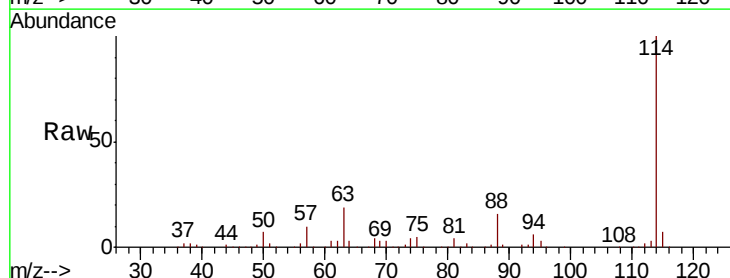
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0143

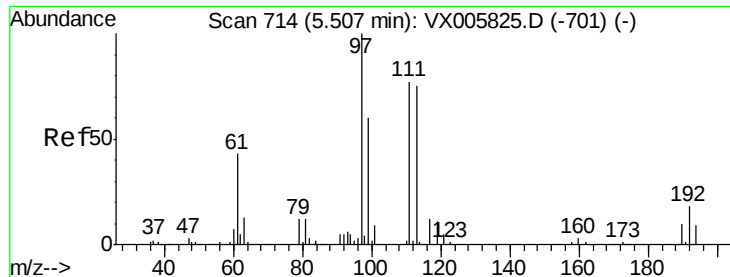
Tot Ion: 65 Resp: 87922
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006044.D
 Acq: 16 Nov 2018 12:42

Tgt Ion: 114 Resp: 211981
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.8
 88 16.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.296 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006044.D

Acq: 16 Nov 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

S36-0143

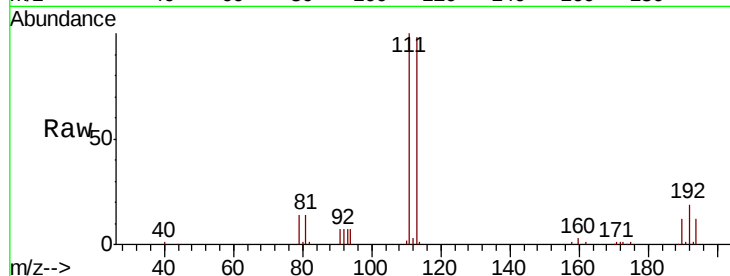
Tot Ion:113 Resp: 71074

Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

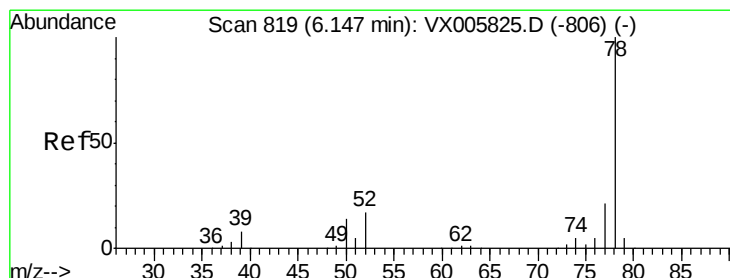
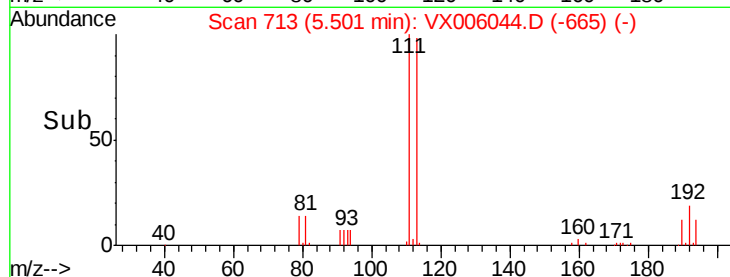
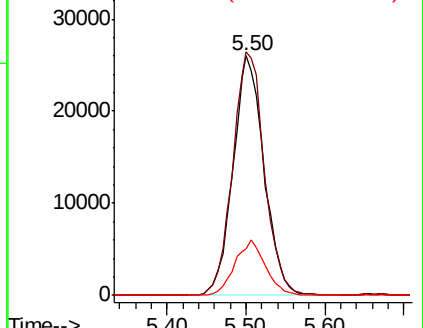
192 22.7 17.9 26.9



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



#40

Benzene

Concen: 1.175 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX006044.D

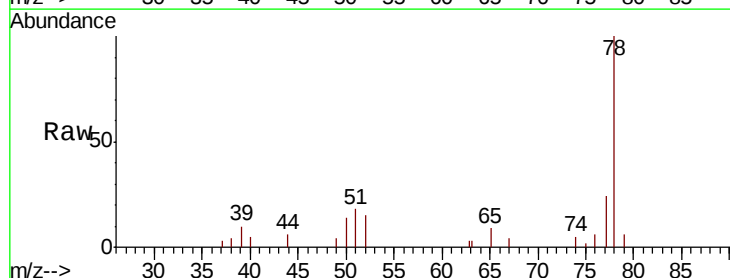
Acq: 16 Nov 2018 12:42

Tgt Ion: 78 Resp: 6999

Ion Ratio Lower Upper

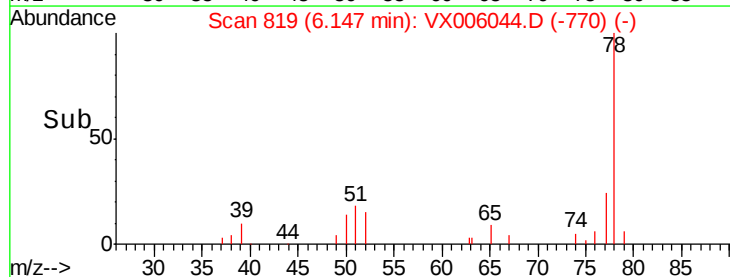
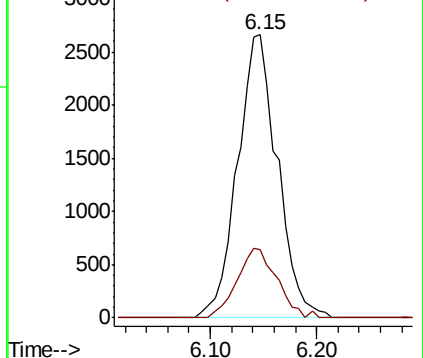
78 100

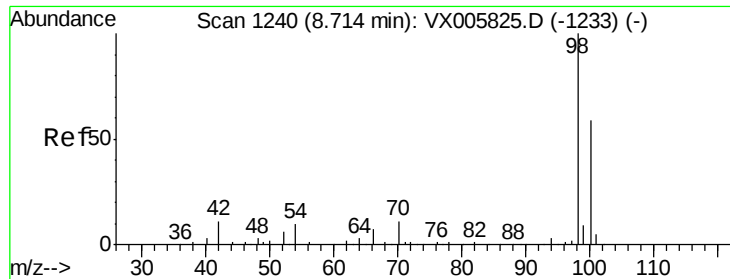
77 24.0 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 50.860 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006044.D

Acq: 16 Nov 2018 12:42

Instrument :

MSVOA_X

ClientSampleId :

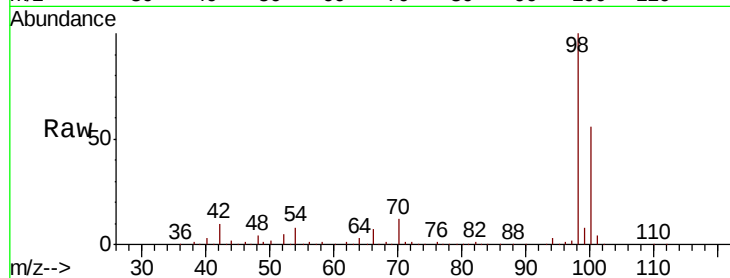
S36-0143

Tot Ion: 98 Resp: 243791

Ion Ratio Lower Upper

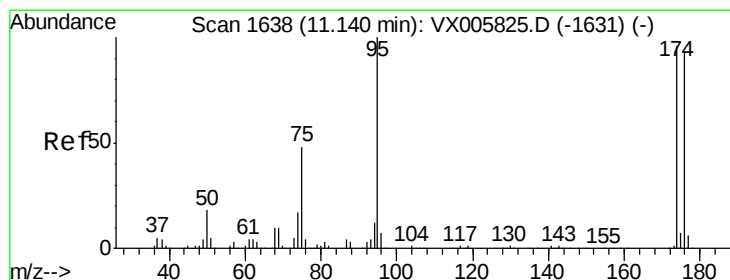
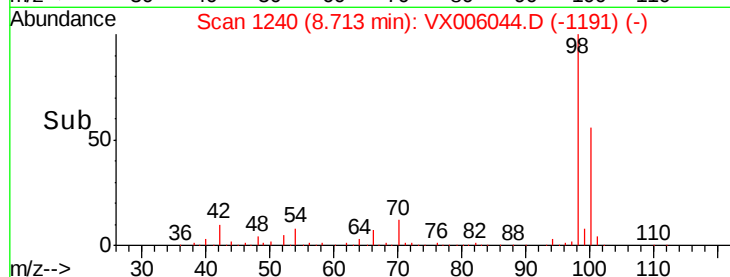
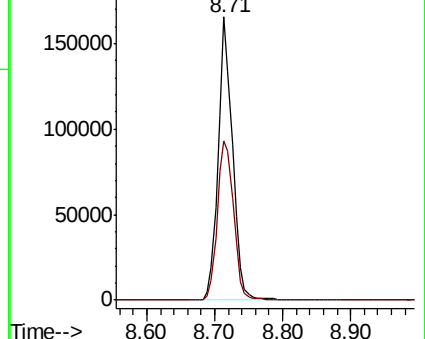
98 100

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



#62

4-Bromofluorobenzene

Concen: 45.019 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006044.D

Acq: 16 Nov 2018 12:42

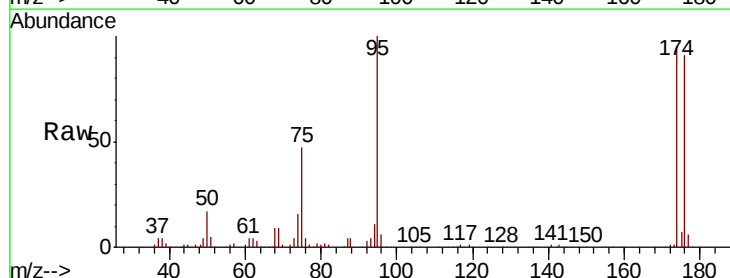
Tgt Ion: 95 Resp: 77585

Ion Ratio Lower Upper

95 100

174 91.3 0.0 184.4

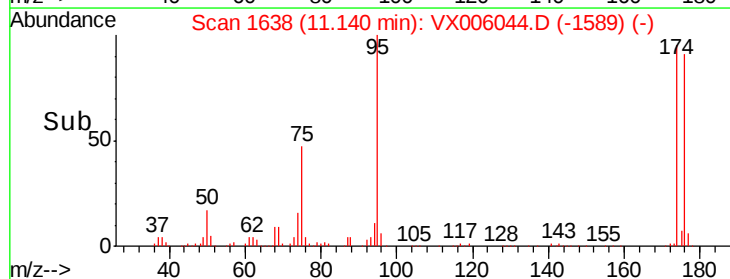
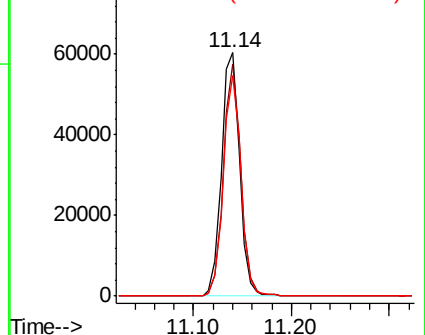
176 88.5 0.0 177.4

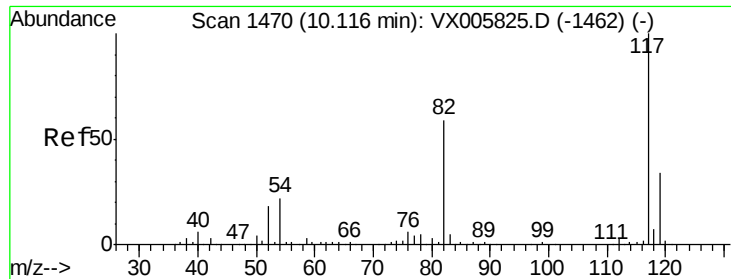


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

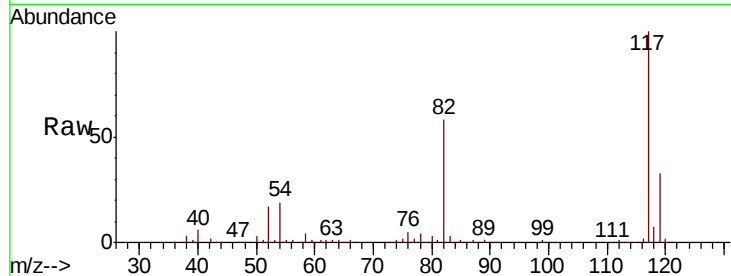




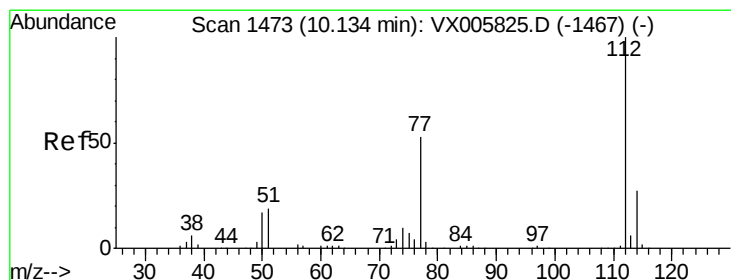
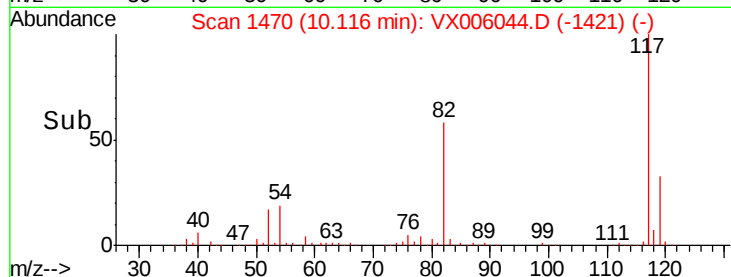
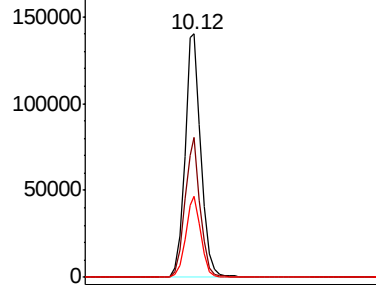
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006044.D
Acq: 16 Nov 2018 12:42

Instrument :
MSVOA_X
ClientSampleId :
S36-0143

Tot Ion:117 Resp: 194000
Ion Ratio Lower Upper
117 100
82 57.6 44.1 66.1
119 33.2 26.2 39.2

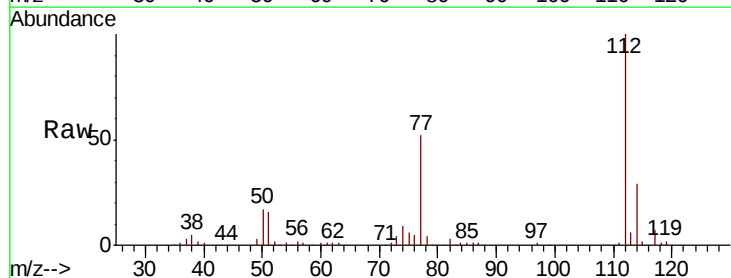


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

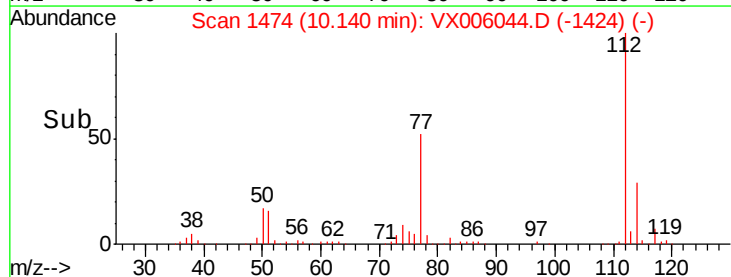
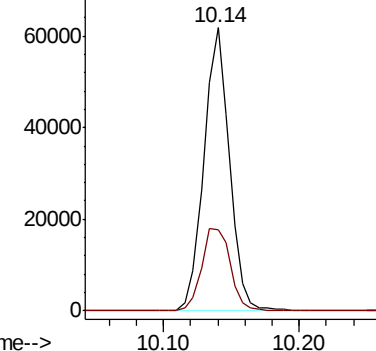


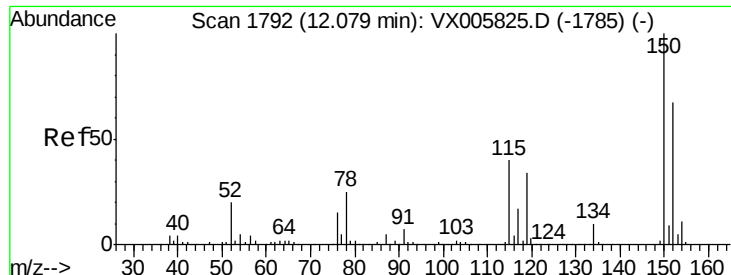
#65
Chlorobenzene
Concen: 20.745 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006044.D
Acq: 16 Nov 2018 12:42

Tgt Ion:112 Resp: 80626
Ion Ratio Lower Upper
112 100
114 28.7 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VX006044.D
 Acq: 16 Nov 2018 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0143

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.8	39.4	118.1
150	157.3	0.0	346.4

