

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111718\
 Data File : VX006071.D
 Acq On : 17 Nov 2018 16:25
 Operator : JC/MD
 Sample : J5934-09DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0145DL

Quant Time: Nov 19 09:14:59 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

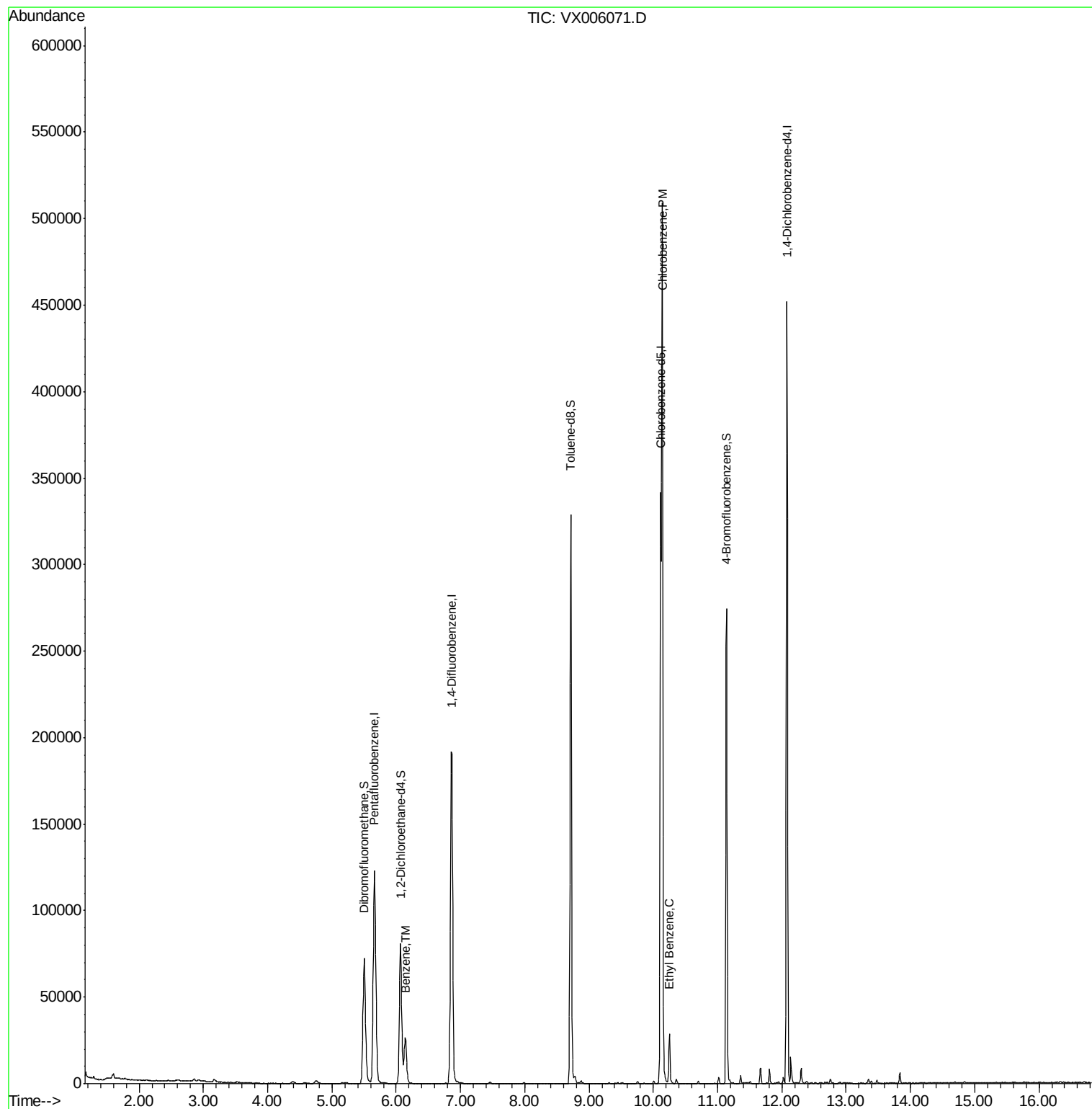
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	124485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	198692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	152448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	76106	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
35) Dibromofluoromethane	5.50	113	61015	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	
50) Toluene-d8	8.71	98	200198	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
62) 4-Bromofluorobenzene	11.14	95	69256	42.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.74%	
Target Compounds						
40) Benzene	6.14	78	30950	5.54	ug/l	Qvalue # 91
65) Chlorobenzene	10.14	112	220883	72.33	ug/l	99
67) Ethyl Benzene	10.25	91	16034	3.27	ug/l	99

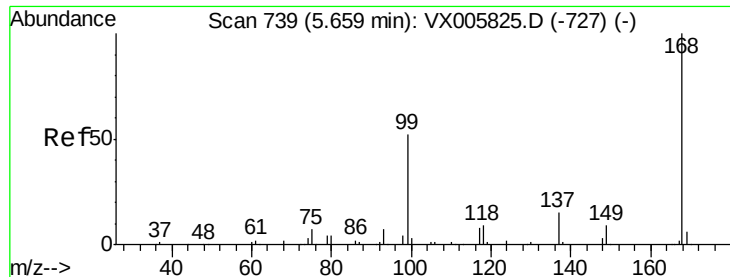
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006071.D

Acq: 17 Nov 2018 16:25

Instrument :

MSVOA_X

ClientSampled :

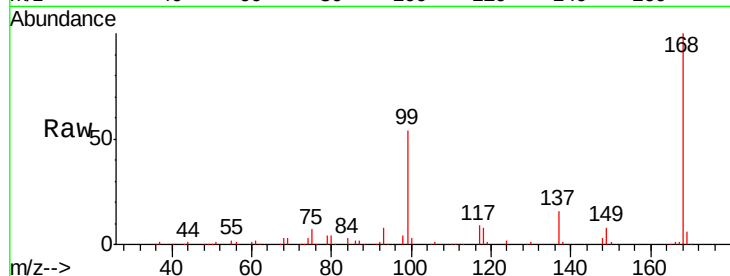
S36-0145DL

Tgt Ion:168 Resp: 124485

Ion Ratio Lower Upper

168 100

99 53.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

30000

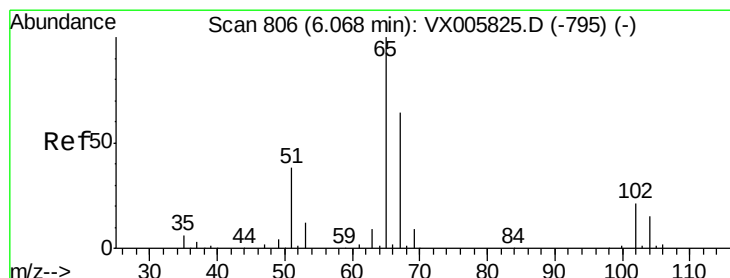
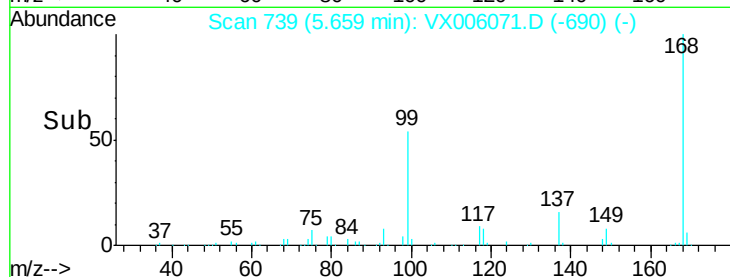
20000

10000

0

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.18 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006071.D

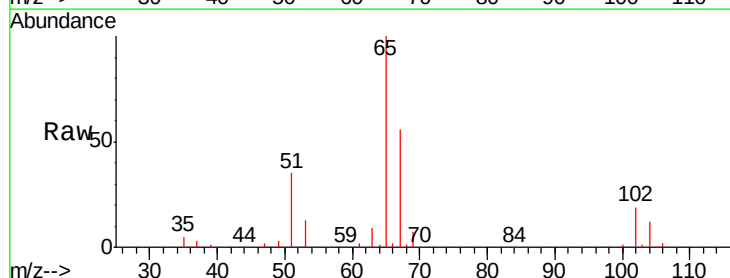
Acq: 17 Nov 2018 16:25

Tgt Ion: 65 Resp: 76106

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

30000

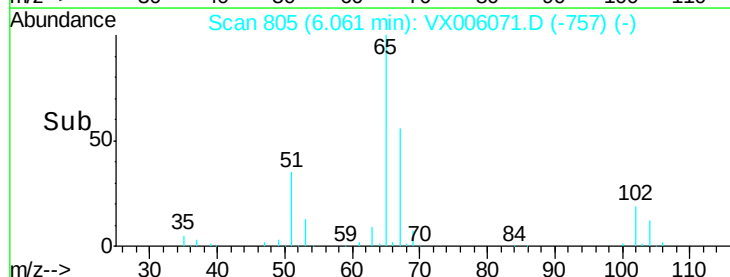
20000

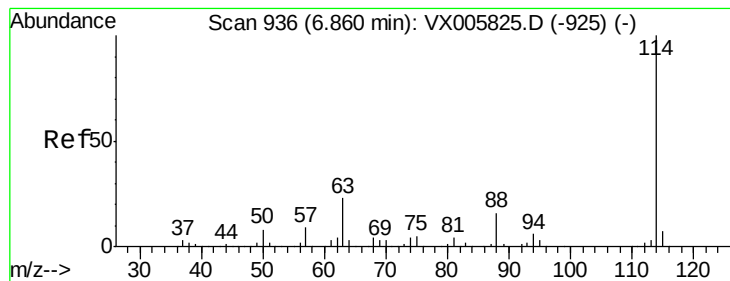
10000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX006071.D

Acq: 17 Nov 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

S36-0145DL

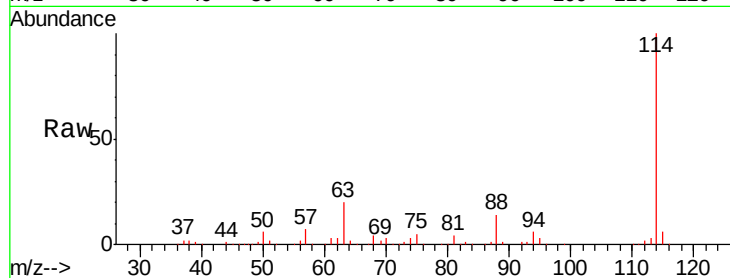
Tgt Ion:114 Resp: 198692

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

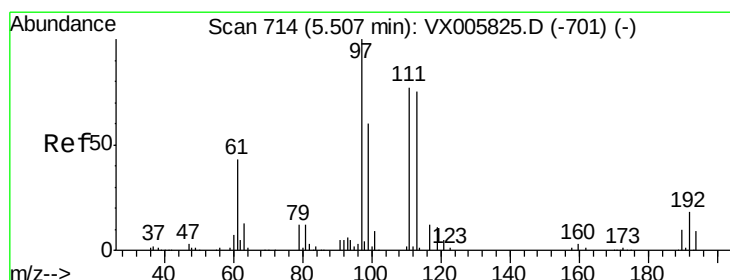
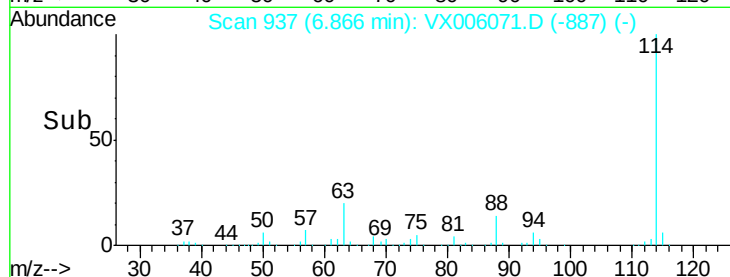
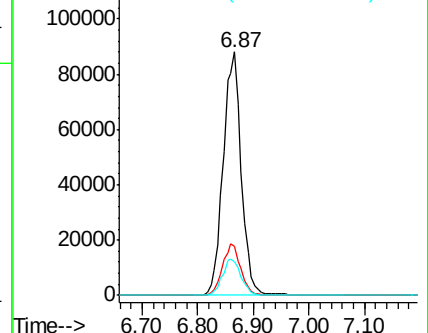
88 13.8 0.0 31.2



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: 45.15 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006071.D

Acq: 17 Nov 2018 16:25

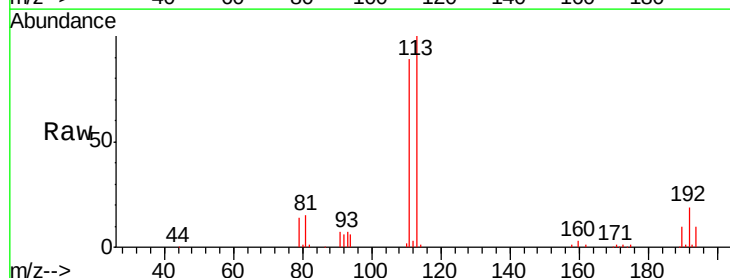
Tgt Ion:113 Resp: 61015

Ion Ratio Lower Upper

113 100

111 100.5 82.3 123.5

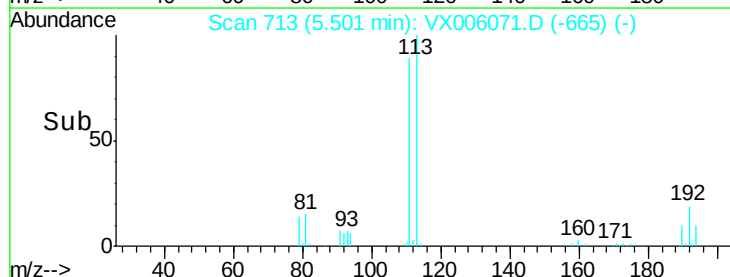
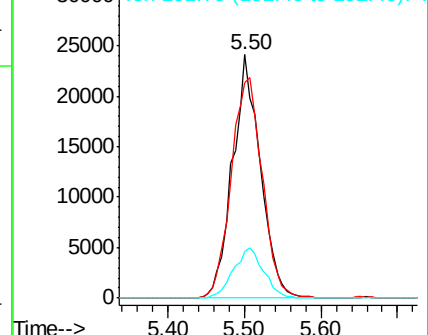
192 22.1 17.9 26.9

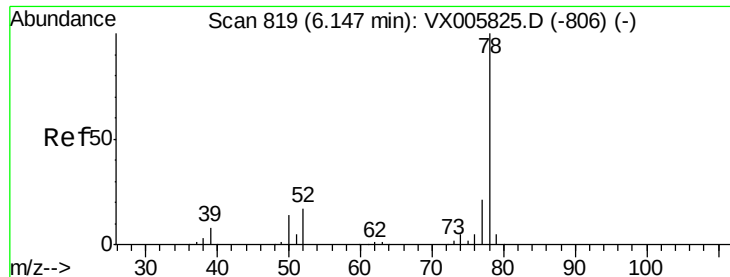


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 5.54 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX006071.D

Acq: 17 Nov 2018 16:25

Instrument :

MSVOA_X

ClientSampled :

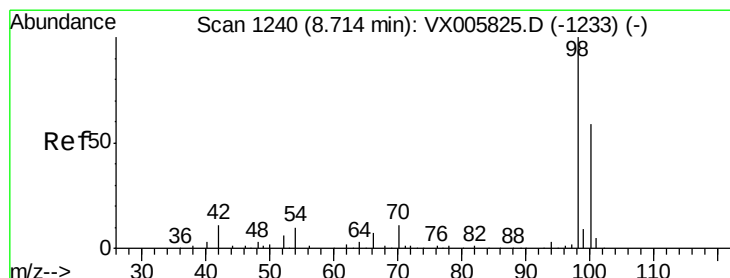
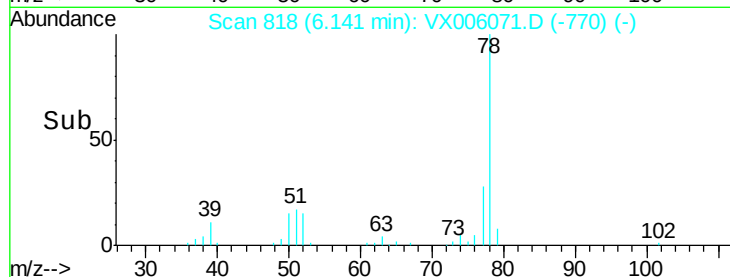
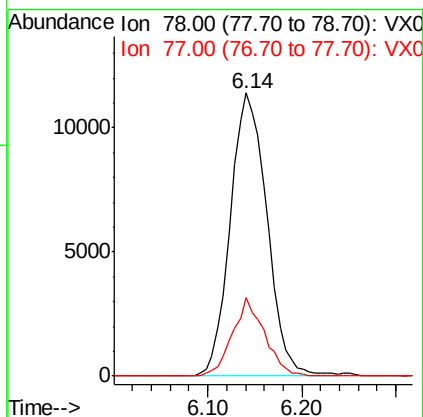
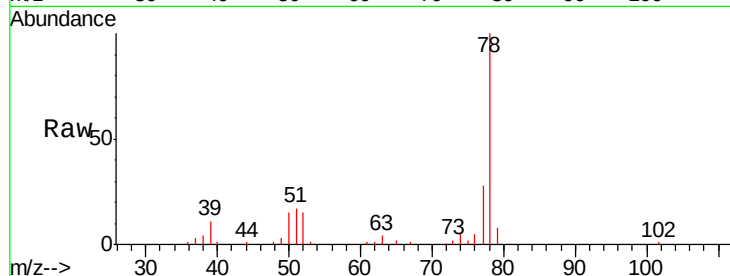
S36-0145DL

Tgt Ion: 78 Resp: 30950

Ion Ratio Lower Upper

78 100

77 27.6 18.4 27.6#



#50

Toluene-d8

Concen: 44.56 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006071.D

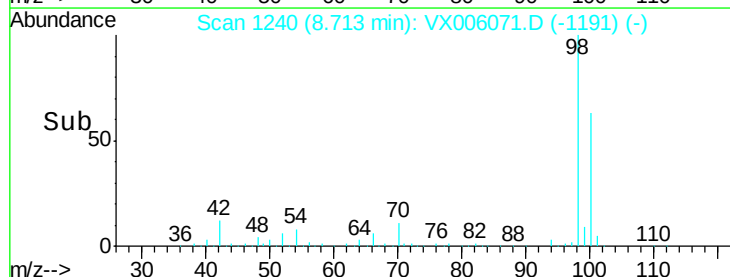
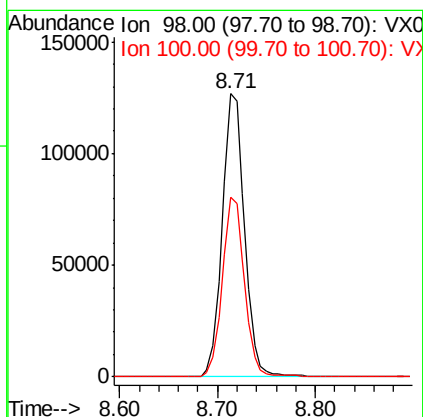
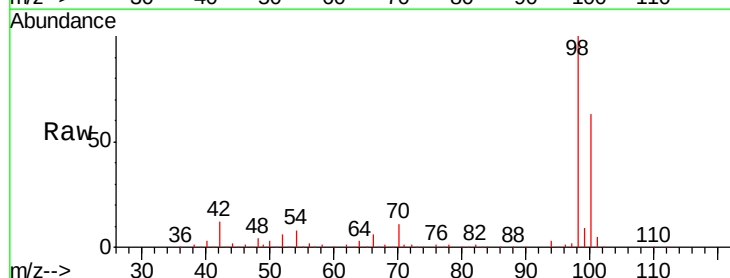
Acq: 17 Nov 2018 16:25

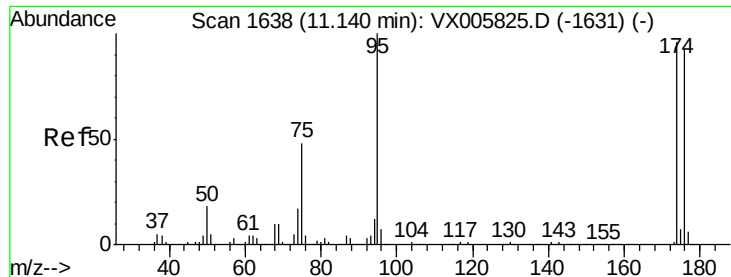
Tgt Ion: 98 Resp: 200198

Ion Ratio Lower Upper

98 100

100 63.3 51.3 76.9

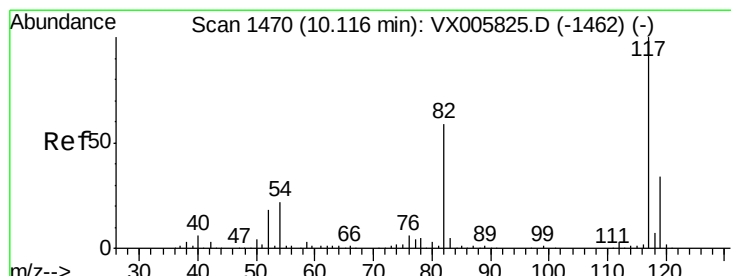
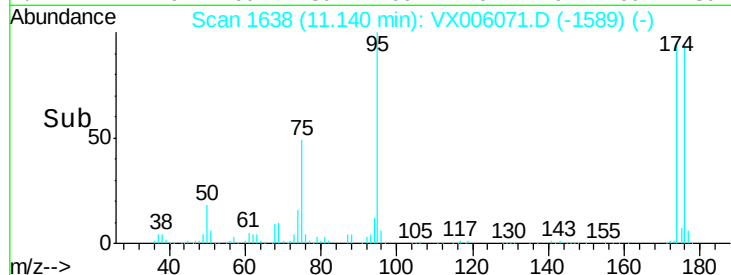
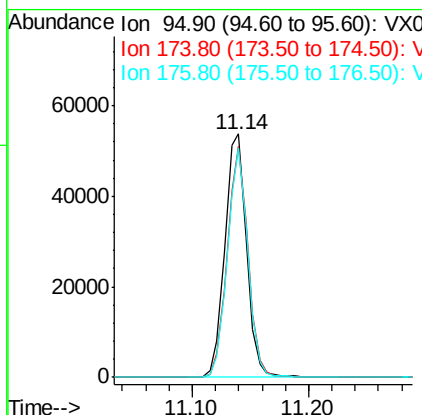
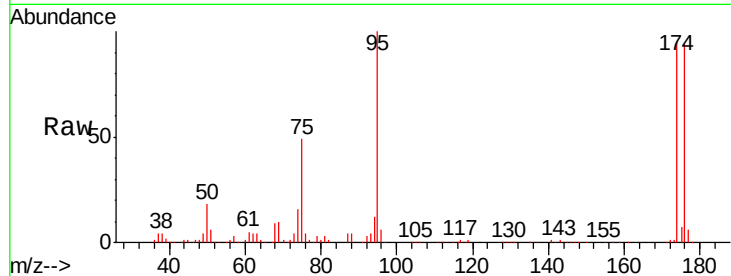




#62
4-Bromofluorobenzene
Concen: 42.87 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006071.D
Acq: 17 Nov 2018 16:25

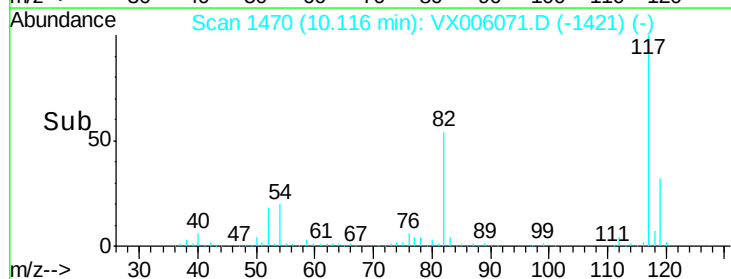
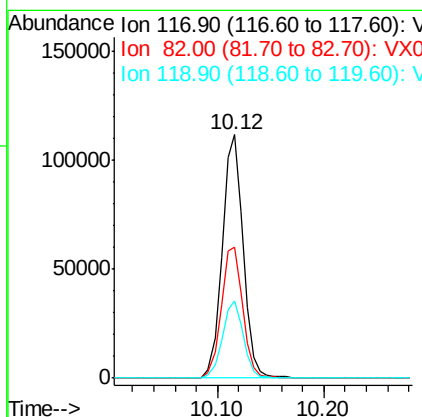
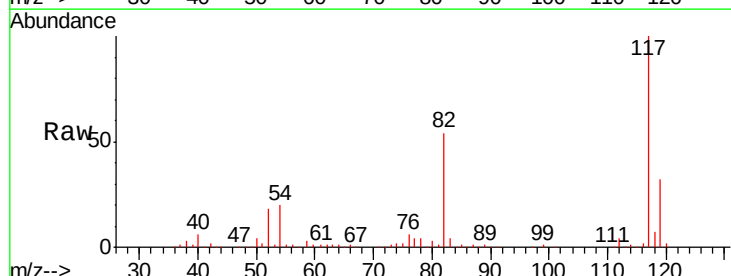
Instrument :
MSVOA_X
ClientSampled :
S36-0145DL

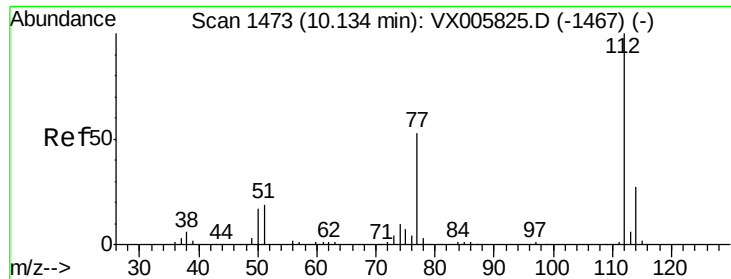
Tgt Ion: 95 Resp: 69256
Ion Ratio Lower Upper
95 100
174 91.0 0.0 184.4
176 89.1 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006071.D
Acq: 17 Nov 2018 16:25

Tgt Ion: 117 Resp: 152448
Ion Ratio Lower Upper
117 100
82 54.0 44.1 66.1
119 31.9 26.2 39.2

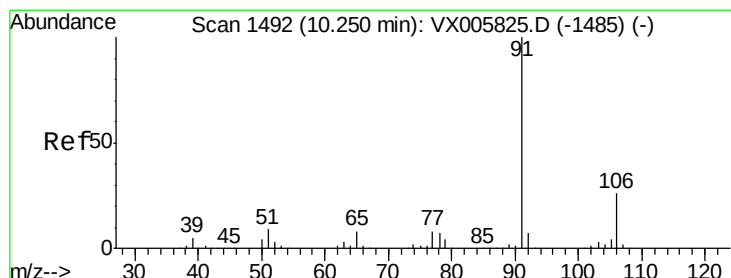
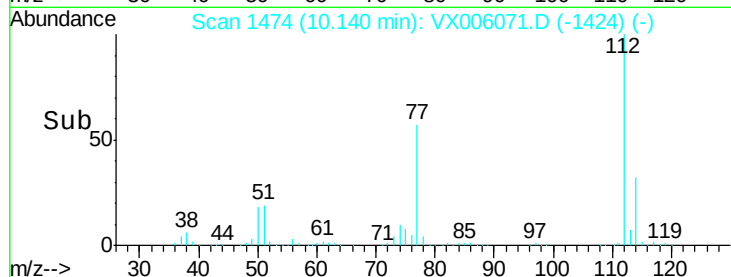
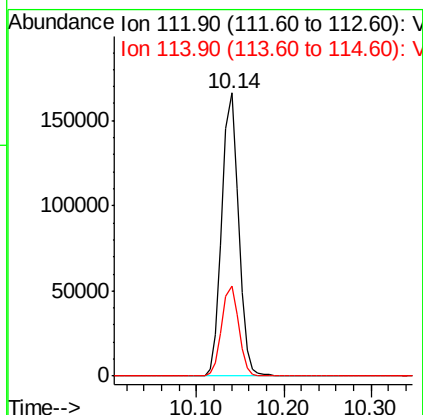
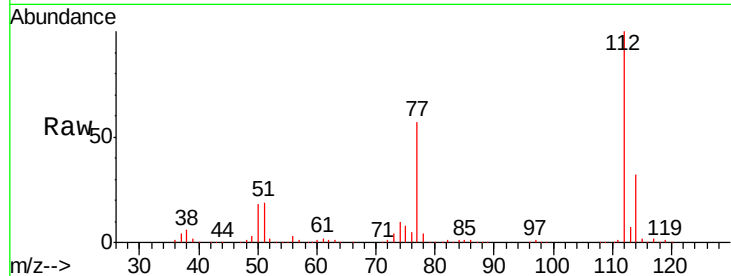




#65
Chlorobenzene
Concen: 72.33 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006071.D
Acq: 17 Nov 2018 16:25

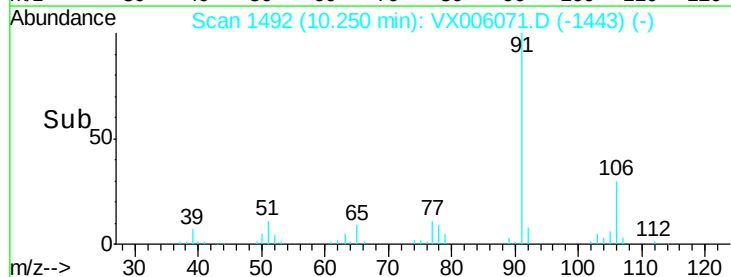
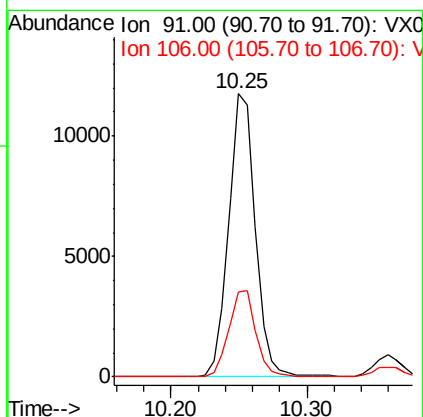
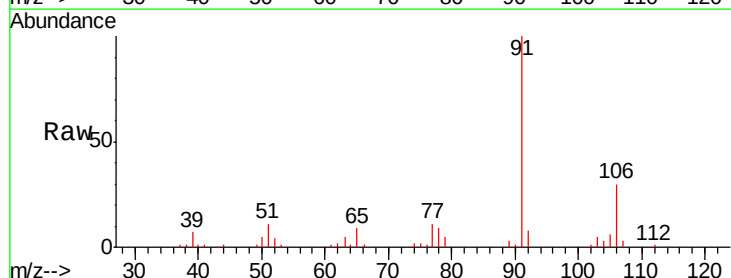
Instrument :
MSVOA_X
ClientSampled :
S36-0145DL

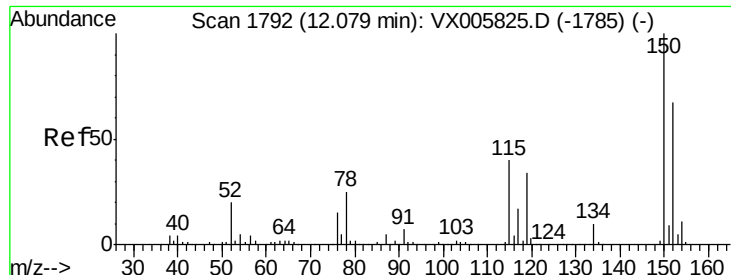
Tgt Ion: 112 Resp: 220883
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#67
Ethyl Benzene
Concen: 3.27 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006071.D
Acq: 17 Nov 2018 16:25

Tgt Ion: 91 Resp: 16034
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6

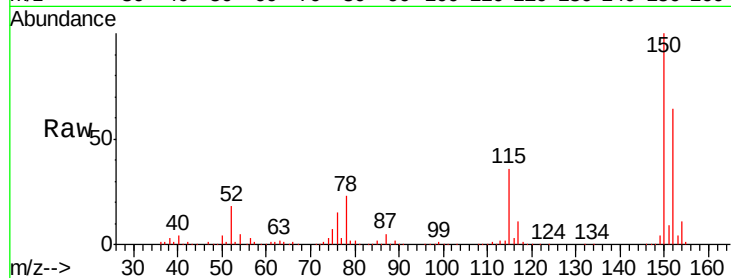




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX006071.D
 Acq: 17 Nov 2018 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0145DL

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.4	118.1
150	158.1	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

