

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006123.D
 Acq On : 21 Nov 2018 14:46
 Operator : JC/MD
 Sample : J6030-02 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DTW-03

Quant Time: Nov 22 03:03:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	330664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	491633	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	454081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224085	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	206994	54.02	ug/l	0.00
Spiked Amount			Recovery	=	108.04%	
35) Dibromofluoromethane	5.51	113	163594	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
50) Toluene-d8	8.71	98	601617	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	11.14	95	207114	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	

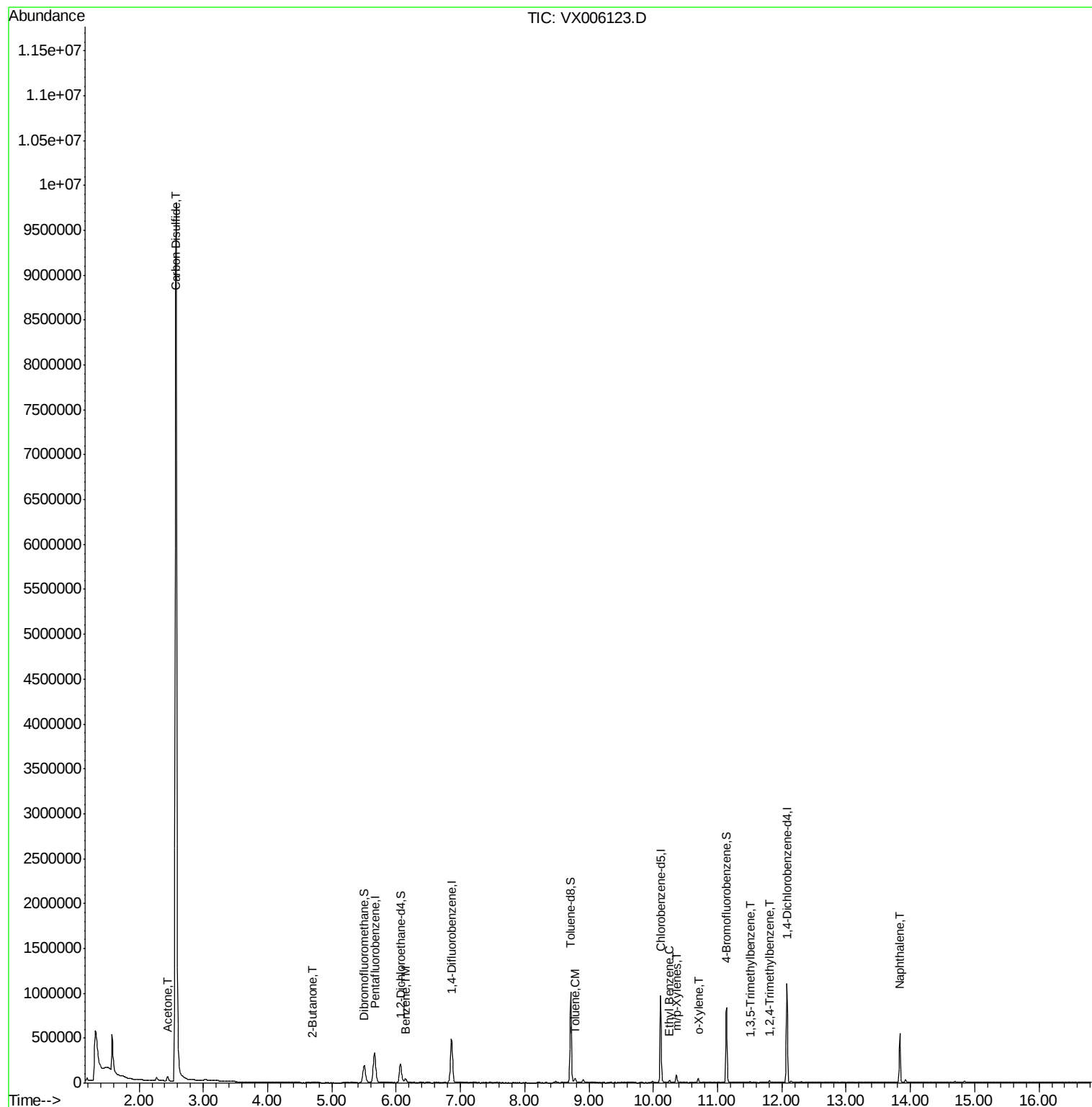
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	53475	31.451	ug/l	99
17) Carbon Disulfide	2.57	76	12918335	2003.777	ug/l	96
25) 2-Butanone	4.70	43	9118	2.889	ug/l #	86
40) Benzene	6.14	78	47307	3.590	ug/l	94
52) Toluene	8.78	92	17638	2.164	ug/l	97
67) Ethyl Benzene	10.25	91	14387	0.943	ug/l	98
68) m/p-Xylenes	10.36	106	18909	3.184	ug/l	98
69) o-Xylene	10.70	106	9591	1.691	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	3842	0.336	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	11179	0.959	ug/l	100
95) Naphthalene	13.83	128	306649	20.676	ug/l	99

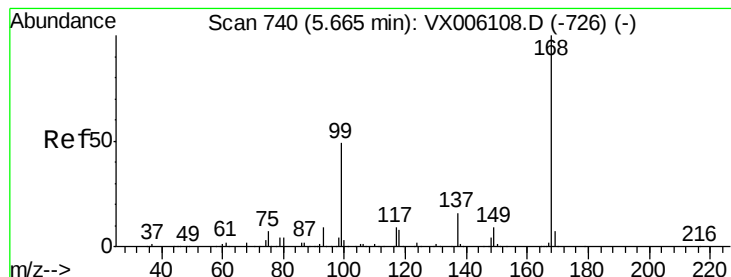
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112118\
Data File : VX006123.D
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Instrument :
MSVOA_X
ClientSampleId :
DTW-03

Quant Time: Nov 22 03:03:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006123.D

Acq: 21 Nov 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

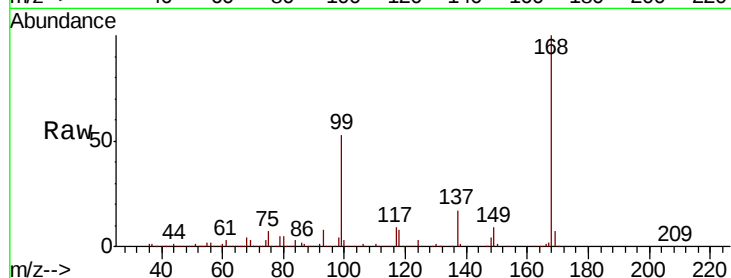
DTW-03

Tot Ion:168 Resp: 330664

Ion Ratio Lower Upper

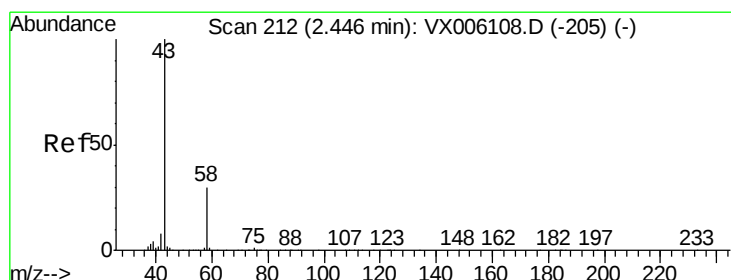
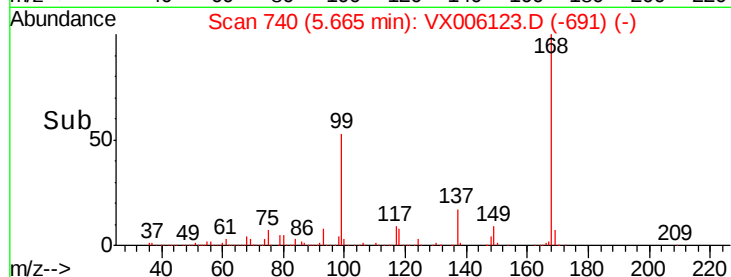
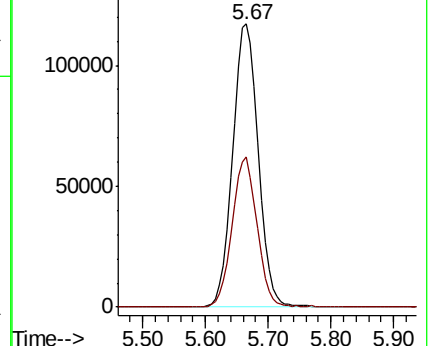
168 100

99 52.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 31.451 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006123.D

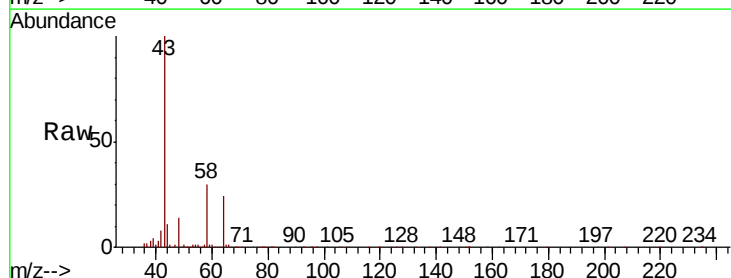
Acq: 21 Nov 2018 14:46

Tgt Ion: 43 Resp: 53475

Ion Ratio Lower Upper

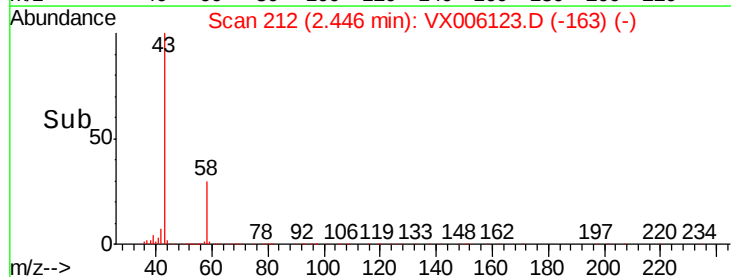
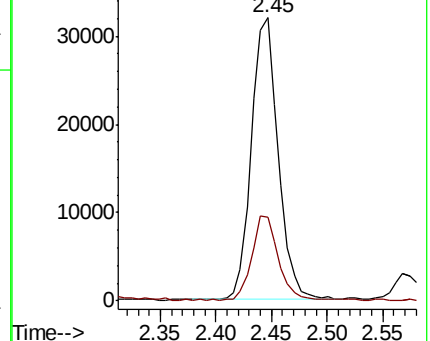
43 100

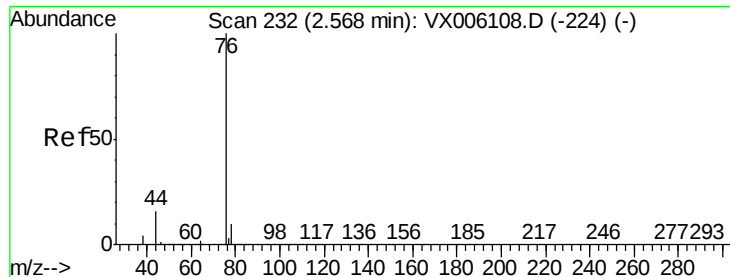
58 29.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 2003.777 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006123.D

Acq: 21 Nov 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

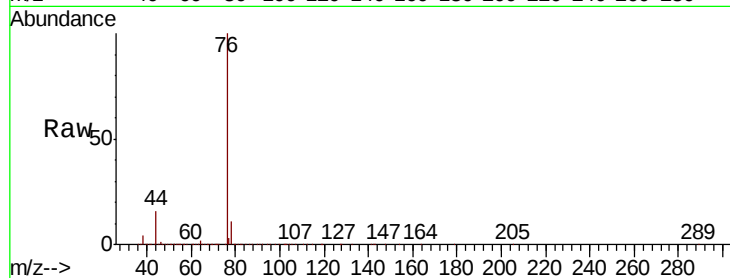
DTW-03

Tot Ion: 76 Resp:12918335

Ion Ratio Lower Upper

76 100

78 10.9 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VX006108.D (-224) (-)

Ion 77.90 (77.60 to 78.60): VX006108.D (-224) (-)

2.57

8000000

6000000

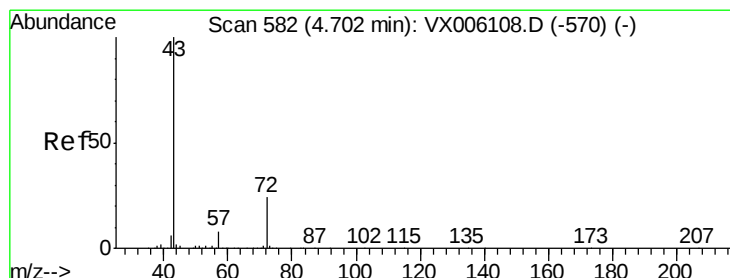
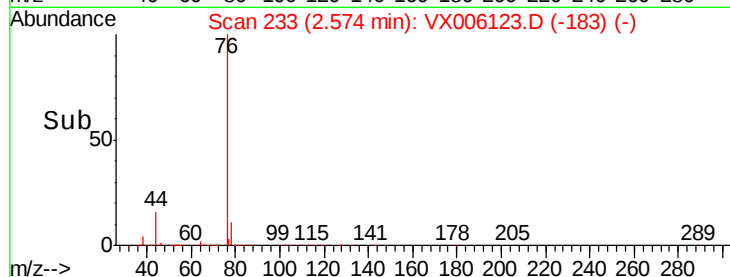
4000000

2000000

0

Time-->

2.40 2.60 2.80



#25

2-Butanone

Concen: 2.889 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006123.D

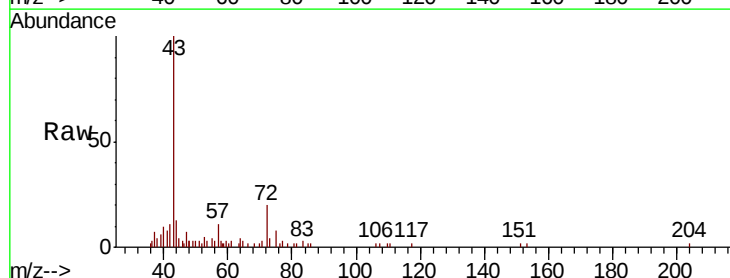
Acq: 21 Nov 2018 14:46

Tgt Ion: 43 Resp: 9118

Ion Ratio Lower Upper

43 100

72 17.3 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX006108.D (-570) (-)

Ion 72.00 (71.70 to 72.70): VX006108.D (-570) (-)

4.70

3000

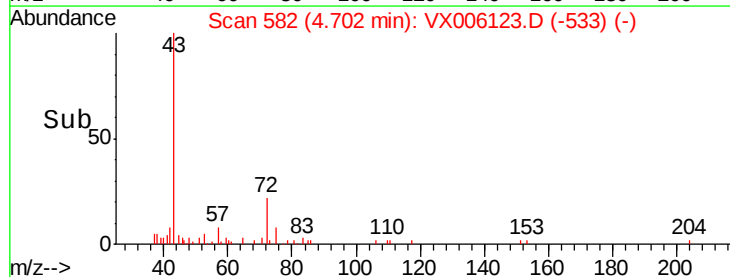
2000

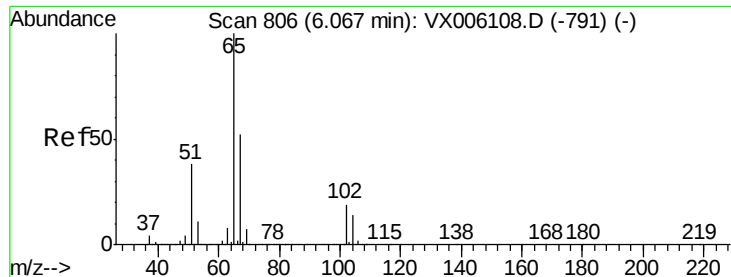
1000

0

Time-->

4.60 4.65 4.70 4.75 4.80

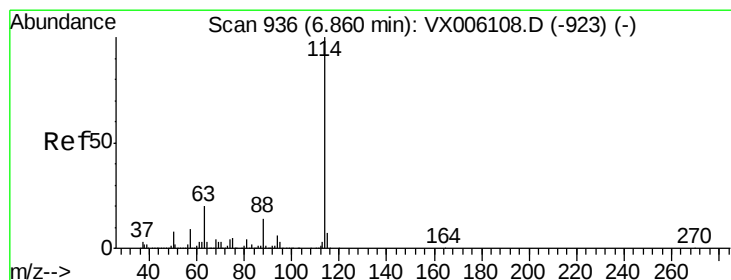
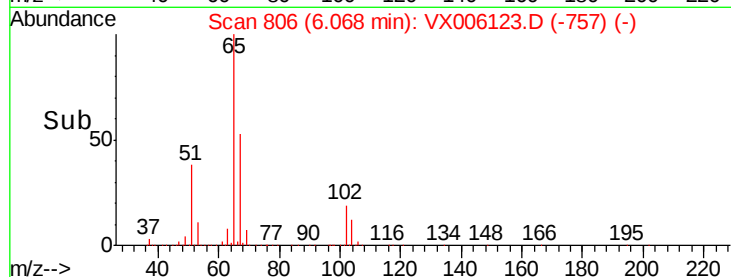
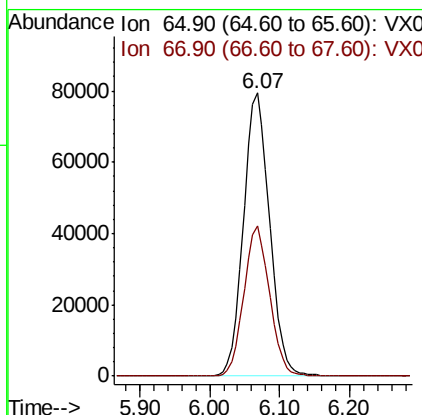
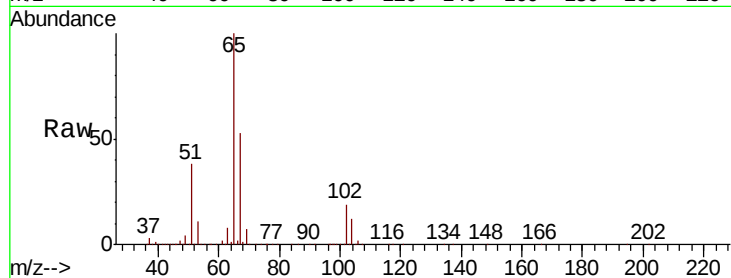




#33
 1,2-Dichloroethane-d4
 Concen: 54.023 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006123.D
 Acq: 21 Nov 2018 14:46

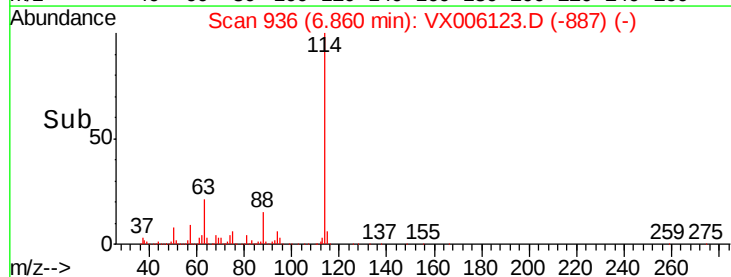
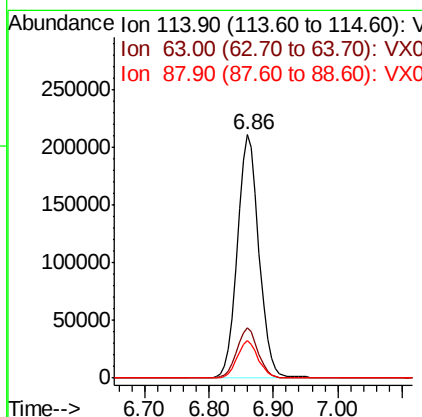
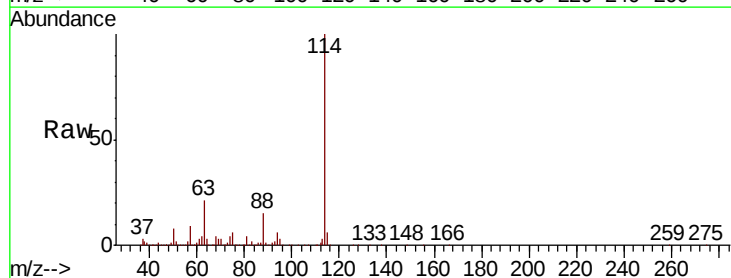
Instrument :
 MSVOA_X
 ClientSampleId :
 DTW-03

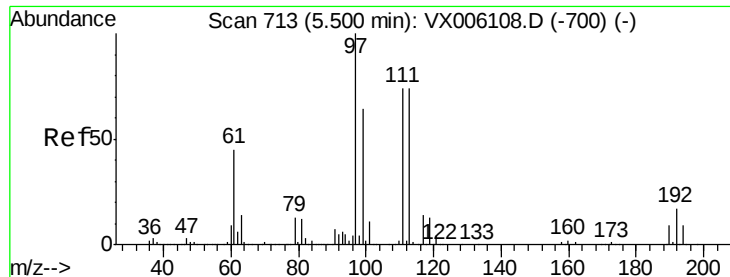
Tot Ion: 65 Resp: 206994
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006123.D
 Acq: 21 Nov 2018 14:46

Tgt Ion: 114 Resp: 491633
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 15.2 0.0 28.6





#35

Dibromofluoromethane

Concen: 51.838 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006123.D

Acq: 21 Nov 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

DTW-03

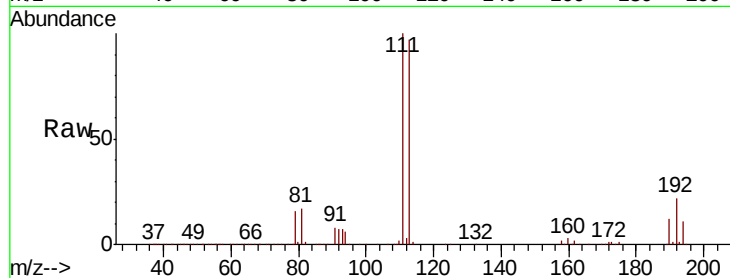
Tot Ion:113 Resp: 163594

Ion Ratio Lower Upper

113 100

111 103.2 81.5 122.3

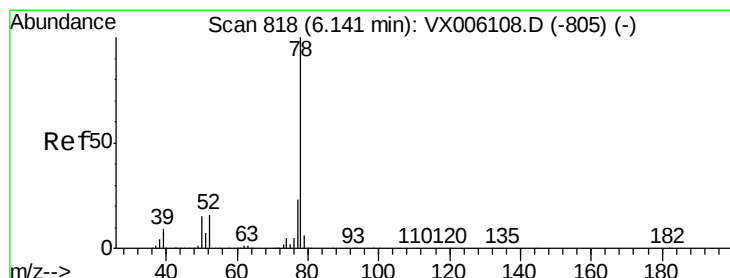
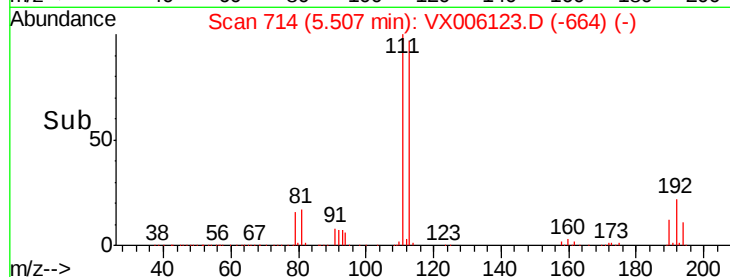
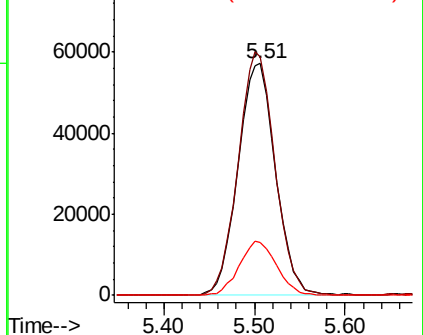
192 23.1 18.6 28.0



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: 3.590 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX006123.D

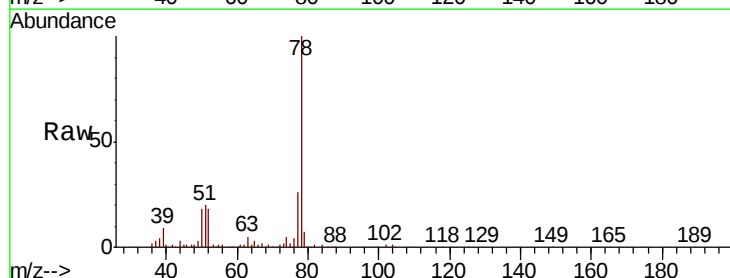
Acq: 21 Nov 2018 14:46

Tgt Ion: 78 Resp: 47307

Ion Ratio Lower Upper

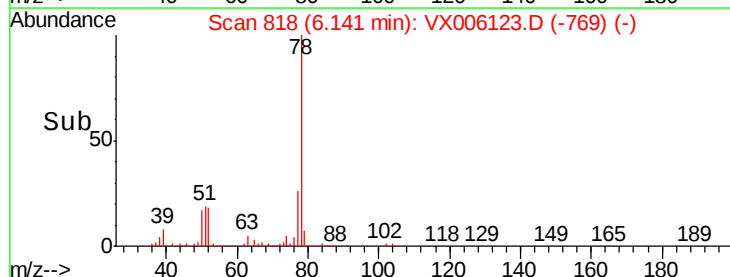
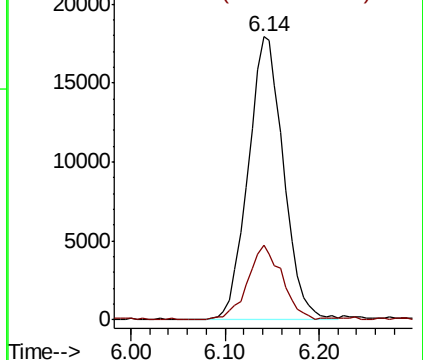
78 100

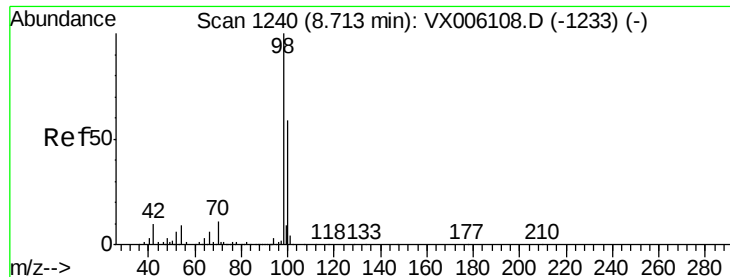
77 26.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 49.980 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006123.D

Acq: 21 Nov 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

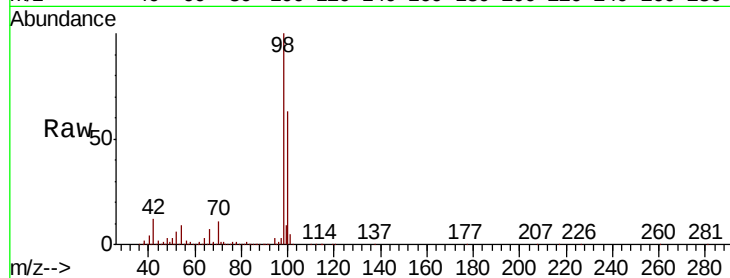
DTW-03

Tot Ion: 98 Resp: 601617

Ion Ratio Lower Upper

98 100

100 62.3 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

400000

300000

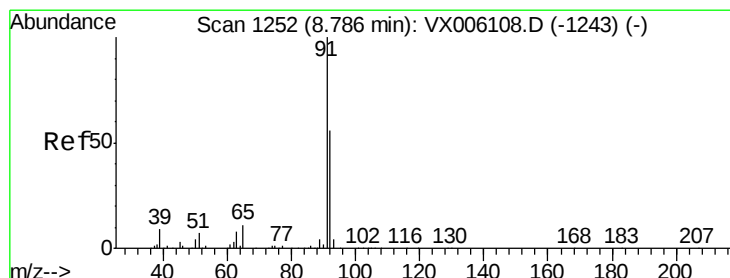
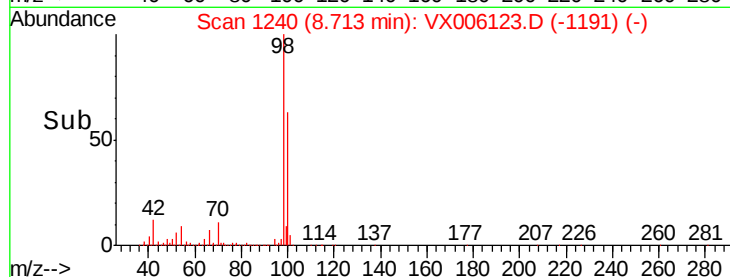
200000

100000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 2.164 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006123.D

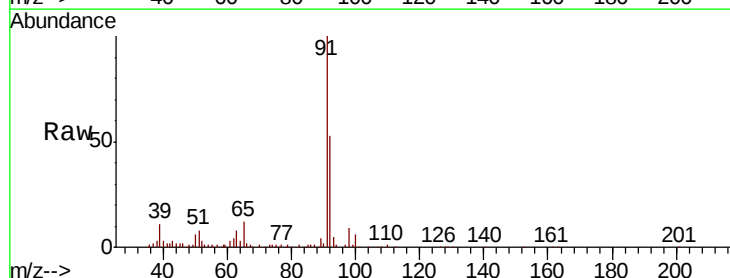
Acq: 21 Nov 2018 14:46

Tgt Ion: 92 Resp: 17638

Ion Ratio Lower Upper

92 100

91 182.0 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

20000

15000

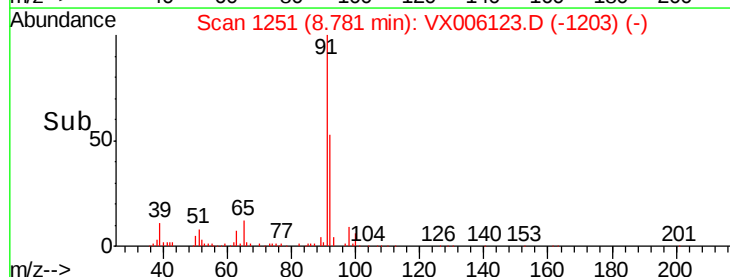
10000

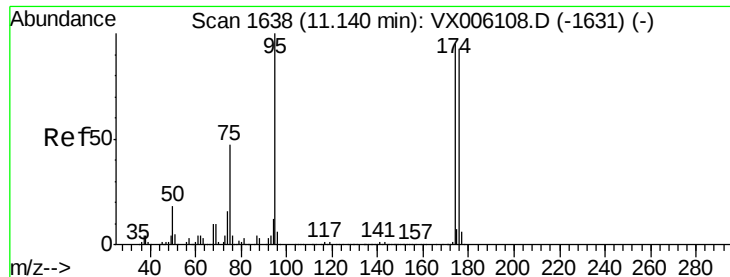
5000

0

8.70 8.75 8.80 8.85

Time-->

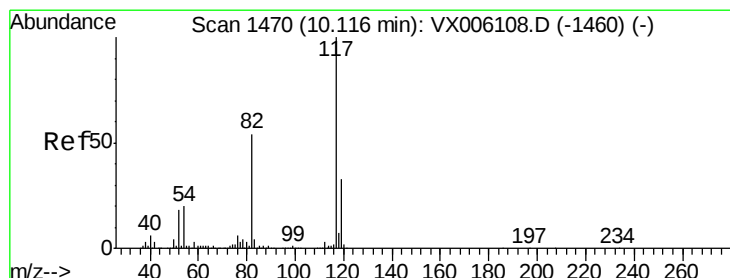
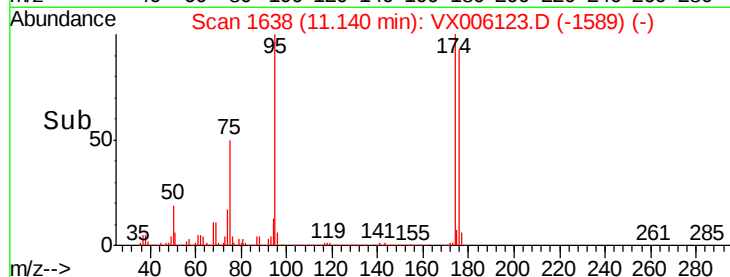
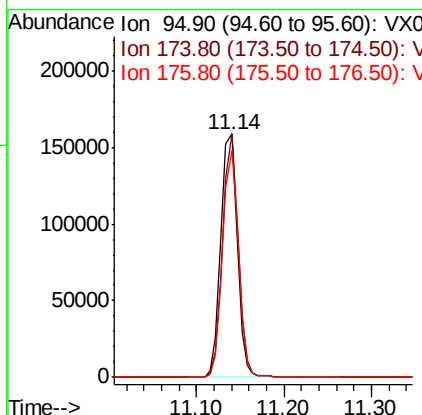
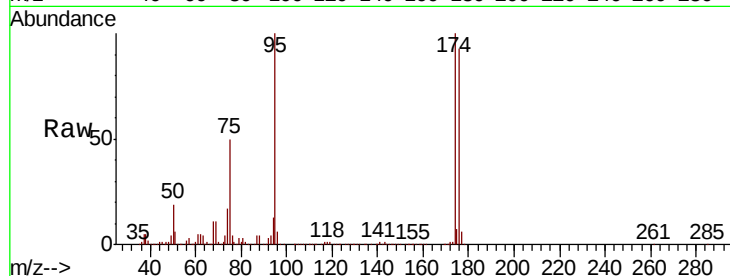




#62
4-Bromofluorobenzene
Concen: 45.859 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006123.D
Acq: 21 Nov 2018 14:46

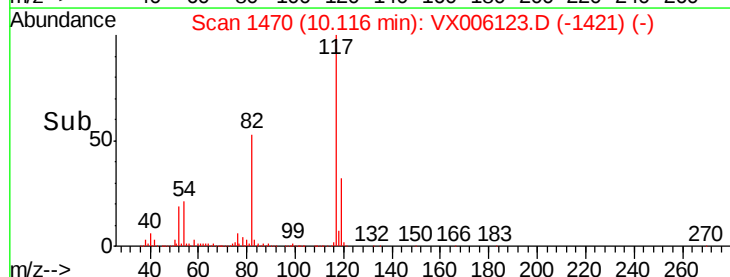
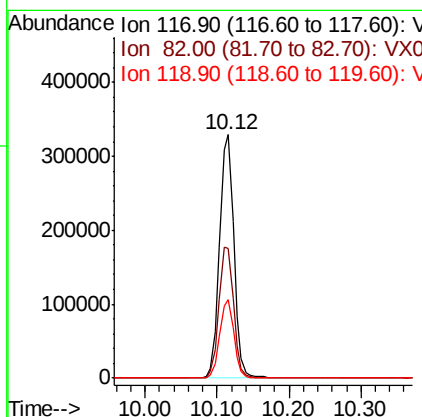
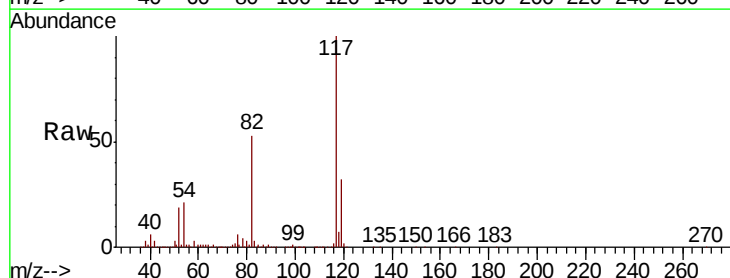
Instrument :
MSVOA_X
ClientSampleId :
DTW-03

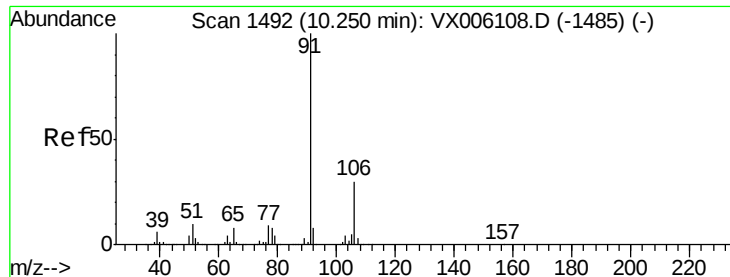
Tot Ion: 95 Resp: 207114
Ion Ratio Lower Upper
95 100
174 94.1 0.0 184.4
176 89.6 0.0 179.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006123.D
Acq: 21 Nov 2018 14:46

Tgt Ion: 117 Resp: 454081
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.4 26.1 39.1





#67

Ethyl Benzene

Concen: 0.943 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006123.D

Acq: 21 Nov 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

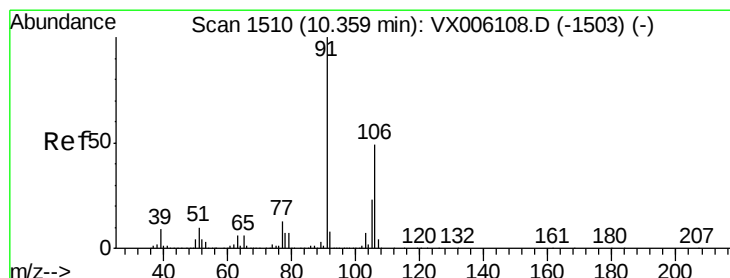
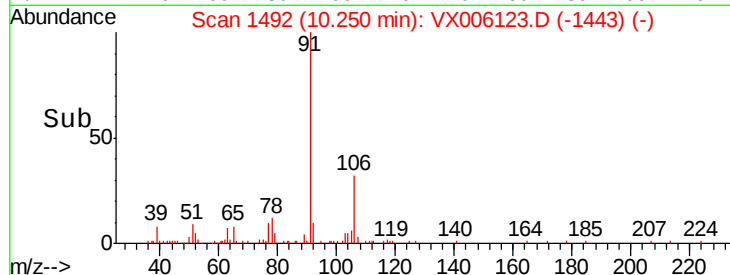
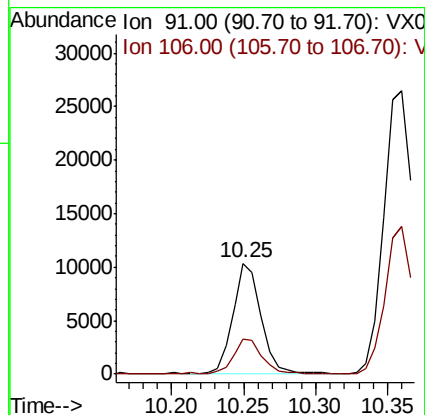
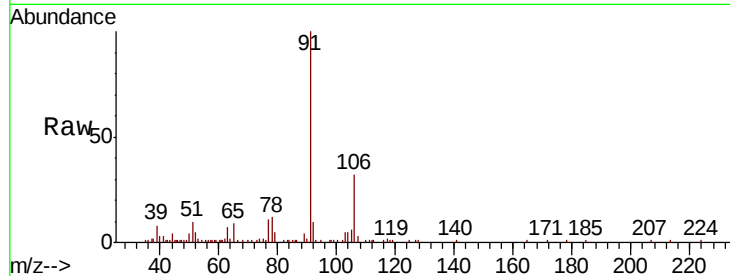
DTW-03

Tot Ion: 91 Resp: 14387

Ion Ratio Lower Upper

91 100

106 31.6 24.4 36.6



#68

m/p-Xylenes

Concen: 3.184 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006123.D

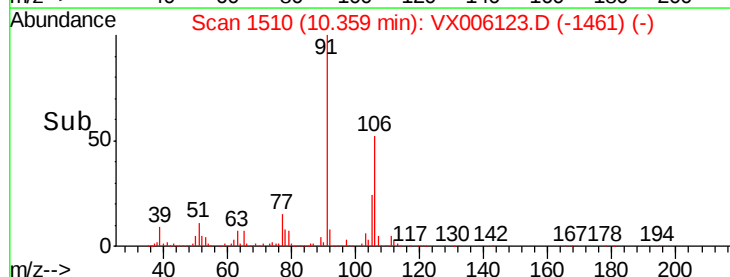
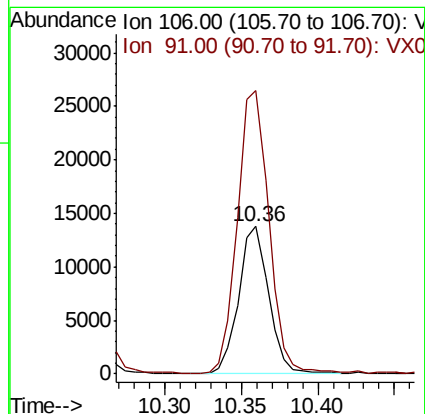
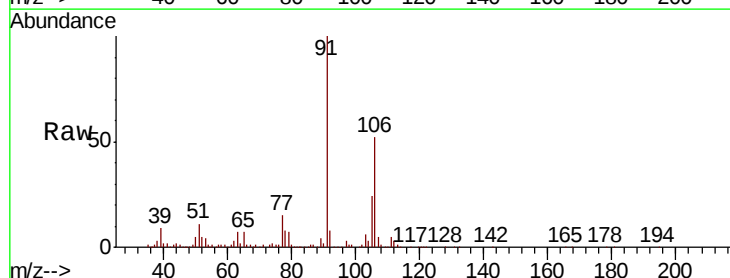
Acq: 21 Nov 2018 14:46

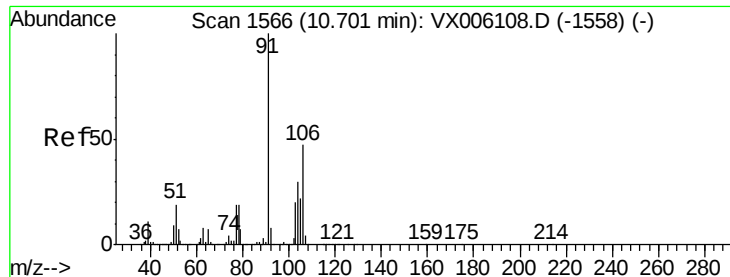
Tgt Ion: 106 Resp: 18909

Ion Ratio Lower Upper

106 100

91 199.0 162.0 243.0

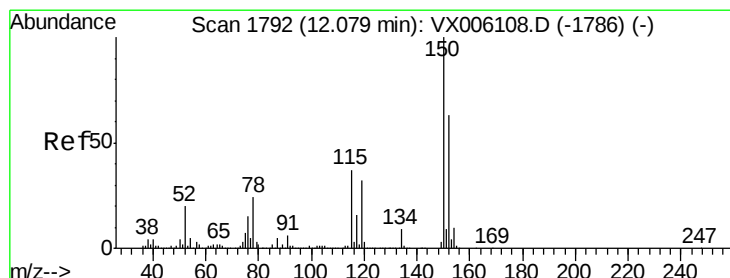
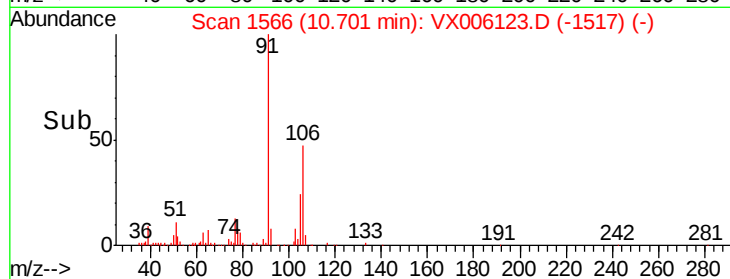
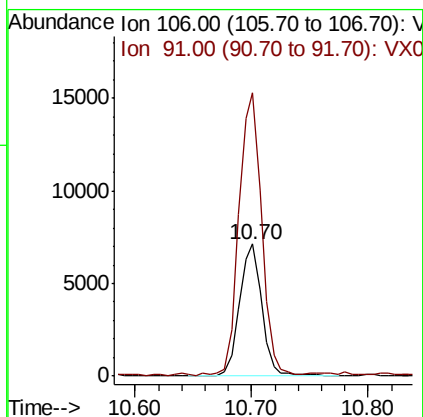
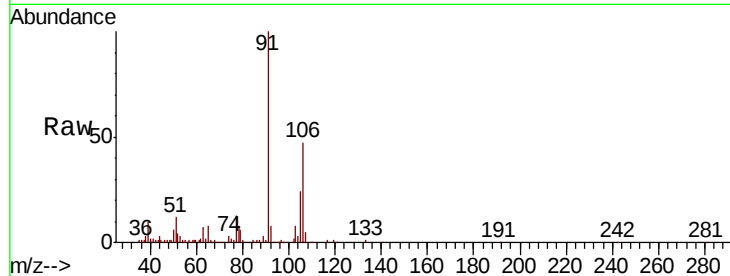




#69
o-Xylene
Concen: 1.691 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006123.D
Acq: 21 Nov 2018 14:46

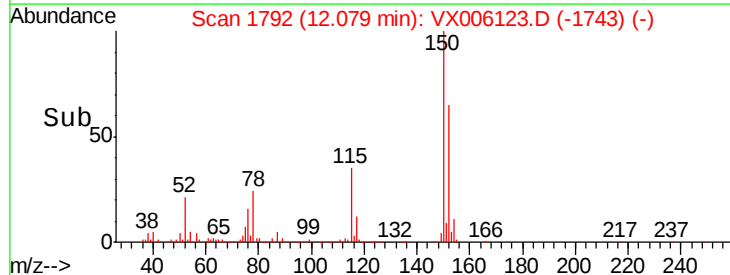
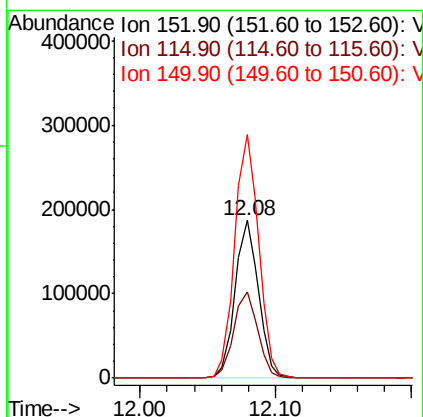
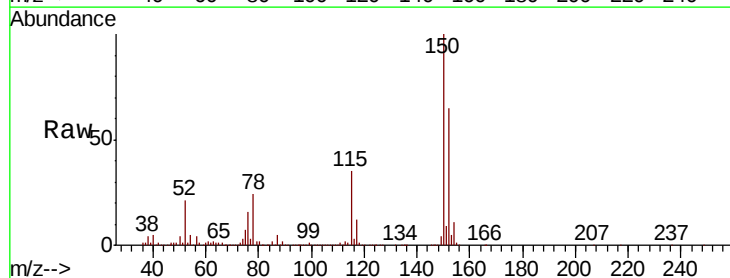
Instrument :
MSVOA_X
ClientSampled :
DTW-03

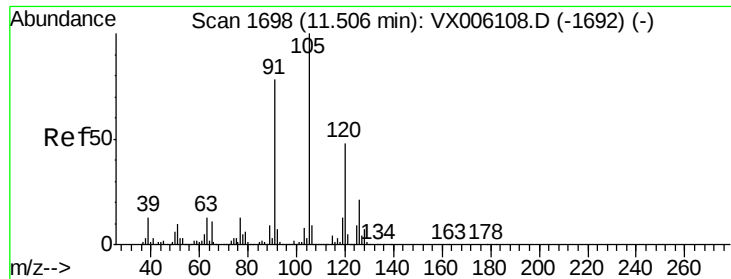
Tot Ion:106 Resp: 9591
Ion Ratio Lower Upper
106 100
91 215.0 107.4 322.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006123.D
Acq: 21 Nov 2018 14:46

Tgt Ion:152 Resp: 224085
Ion Ratio Lower Upper
152 100
115 56.0 39.0 116.9
150 158.0 0.0 346.6

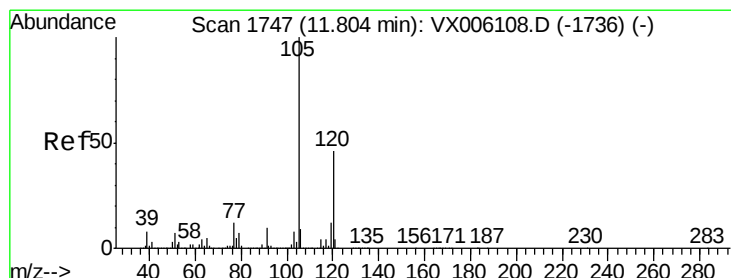
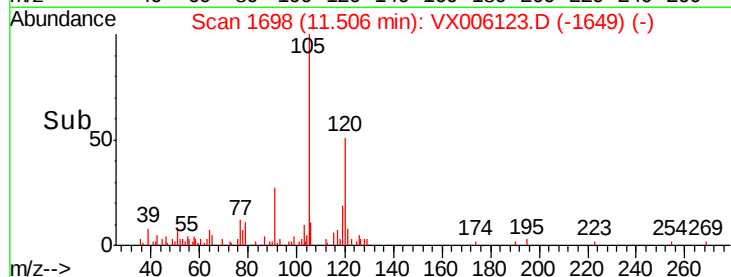
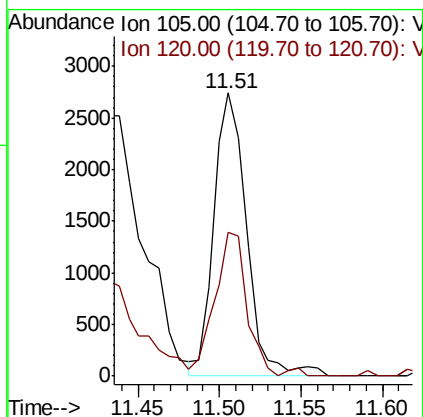
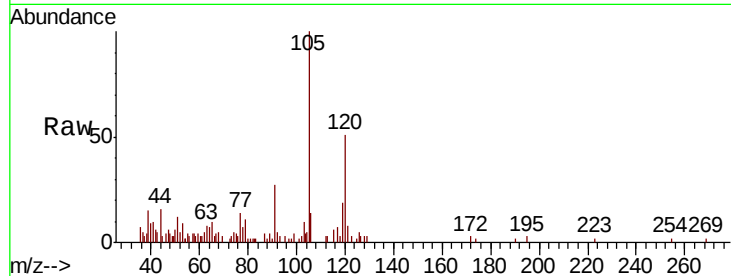




#80
 1,3,5-Trimethylbenzene
 Concen: 0.336 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006123.D
 Acq: 21 Nov 2018 14:46

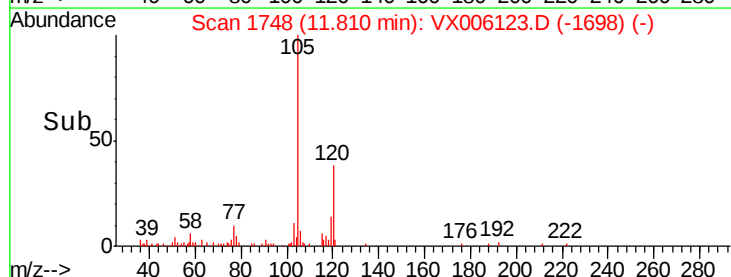
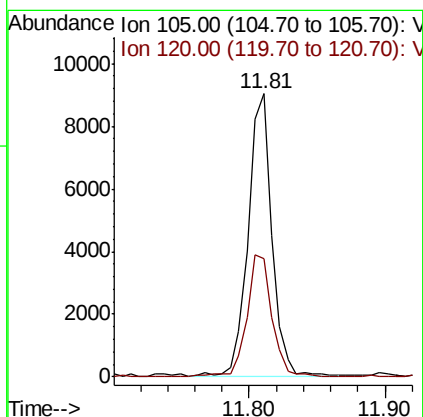
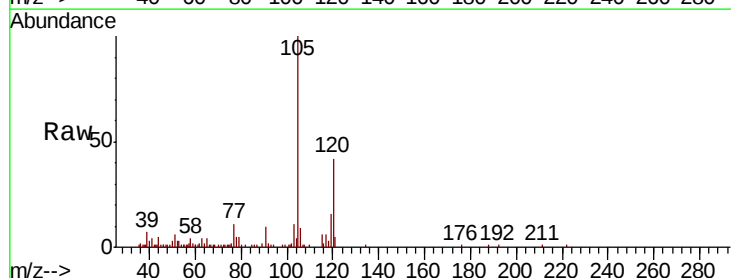
Instrument :
 MSVOA_X
 ClientSampleId :
 DTW-03

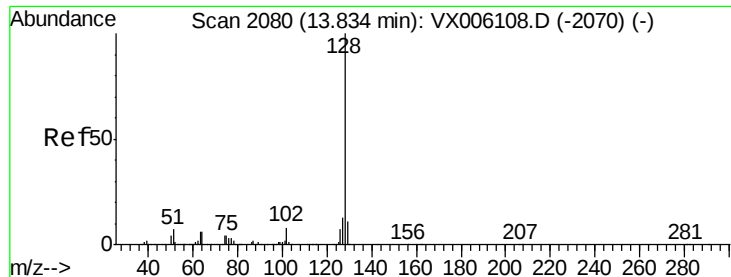
Tot Ion:105 Resp: 3842
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.3 73.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.959 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006123.D
 Acq: 21 Nov 2018 14:46

Tgt Ion:105 Resp: 11179
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.0





#95
Naphthalene
Concen: 20.676 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006123.D
Acq: 21 Nov 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
DTW-03

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	11.3	8.8	13.2

