

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006599.D
 Acq On : 18 Dec 2018 15:51
 Operator : JC/MD
 Sample : J6438-16 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 23701

Quant Time: Dec 19 06:50:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

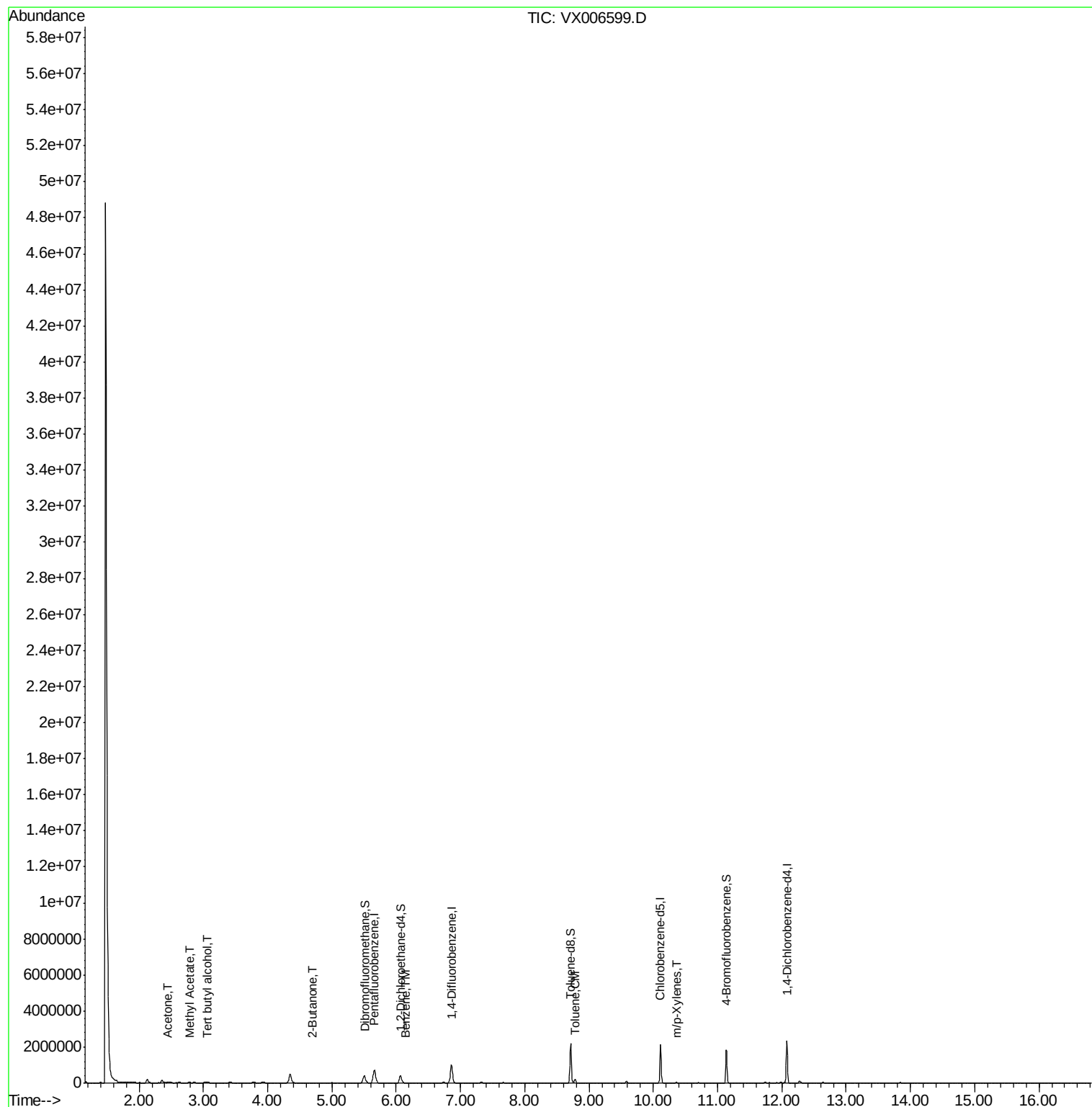
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	726077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1120598	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1040990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	505249	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	380006	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
35) Dibromofluoromethane	5.51	113	333306	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	8.71	98	1323988	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	491969	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.07	59	10261	5.876	ug/l	99
16) Acetone	2.45	43	29507	8.207	ug/l	97
18) Methyl Acetate	2.78	43	21281	2.013	ug/l	96
25) 2-Butanone	4.70	43	6958	1.376	ug/l #	75
40) Benzene	6.15	78	16669	0.591	ug/l	98
52) Toluene	8.79	92	73504	4.033	ug/l	99
68) m/p-Xylenes	10.35	106	7723	0.544	ug/l	90

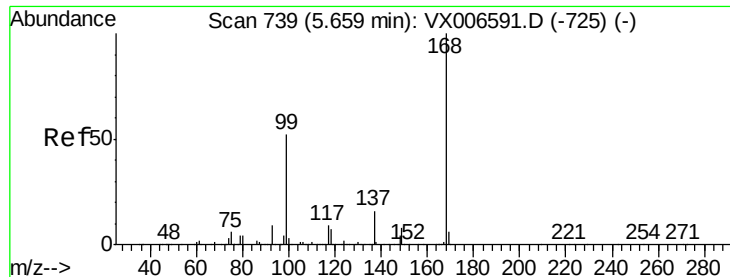
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006599.D

Acq: 18 Dec 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

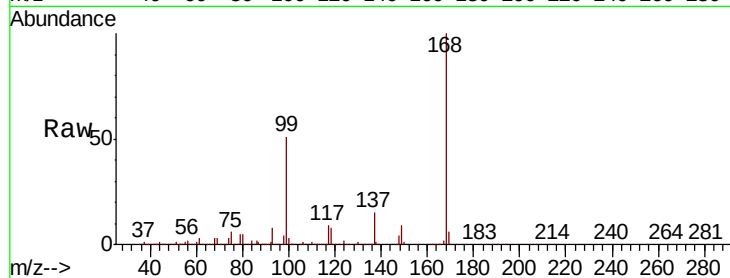
23701

Tot Ion:168 Resp: 726077

Ion Ratio Lower Upper

168 100

99 50.7 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

150000

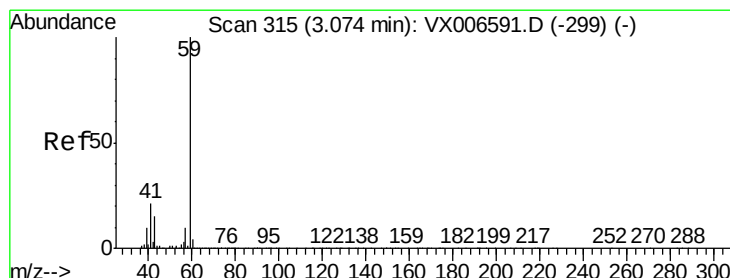
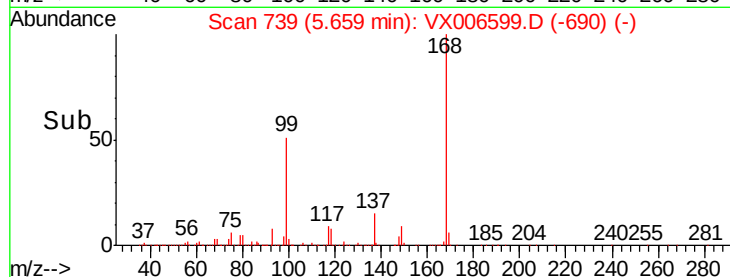
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 5.876 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX006599.D

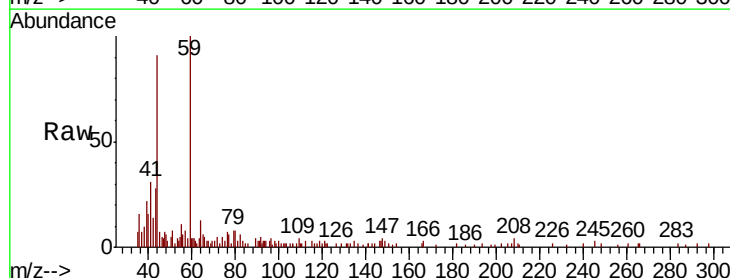
Acq: 18 Dec 2018 15:51

Tgt Ion: 59 Resp: 10261

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

4000

3000

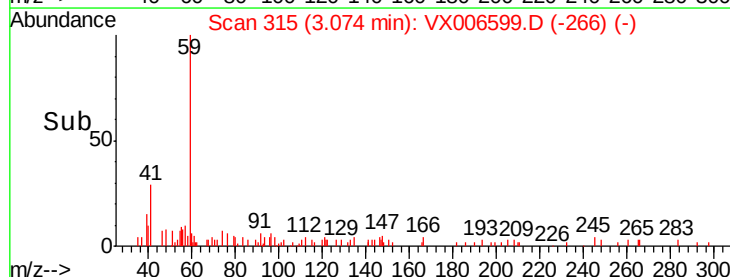
2000

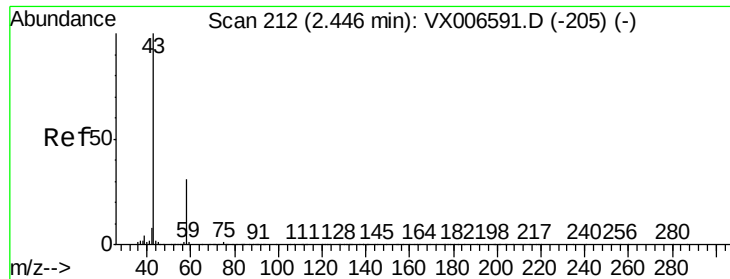
1000

0

Time-->

3.00 3.05 3.10 3.15

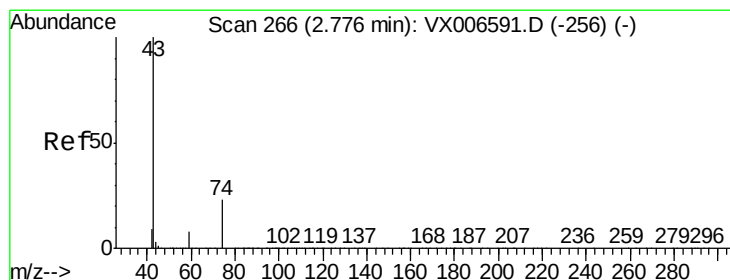
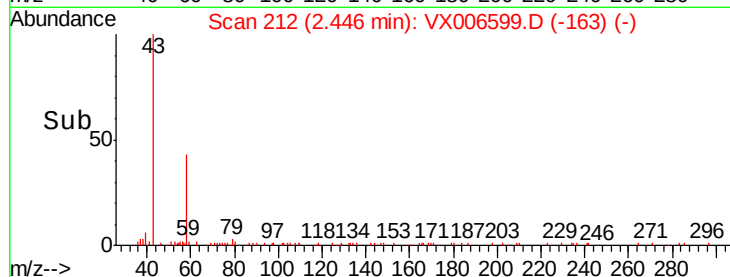
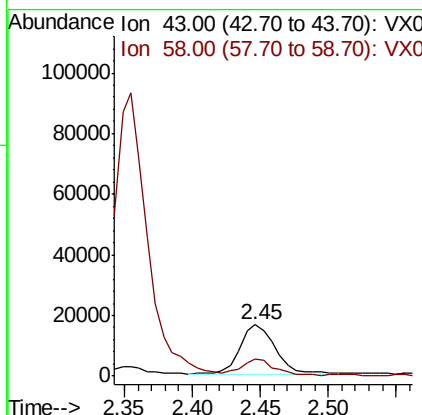
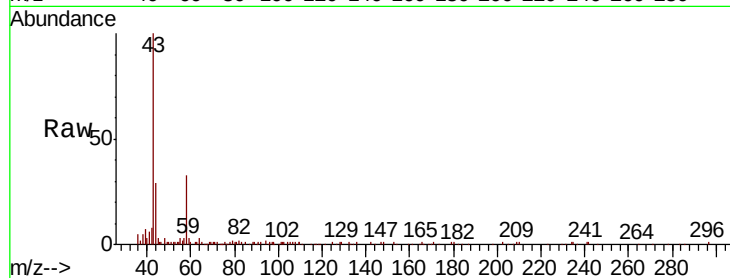




#16
Acetone
Concen: 8.207 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006599.D
Acq: 18 Dec 2018 15:51

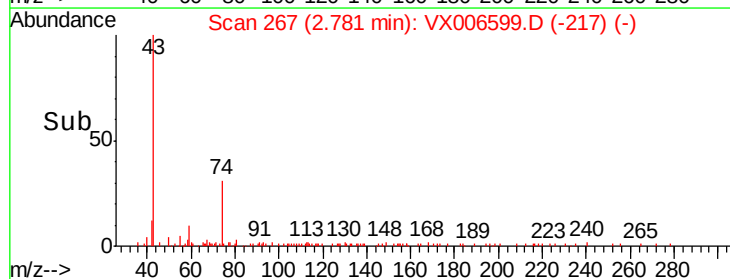
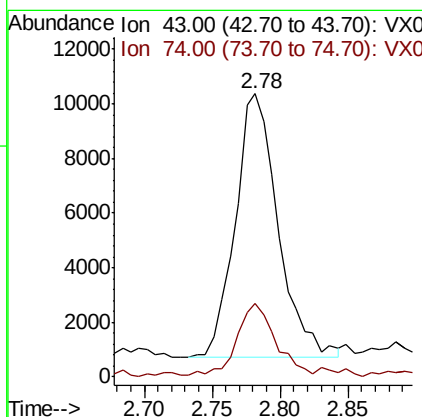
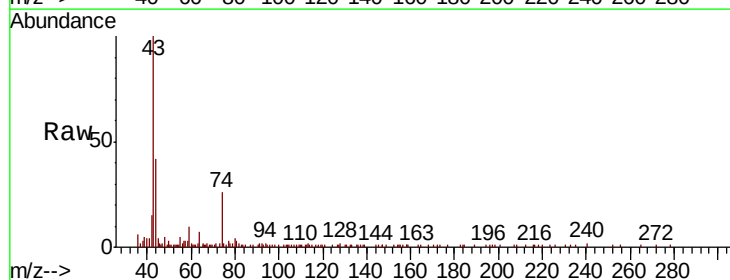
Instrument :
MSVOA_X
ClientSampled :
23701

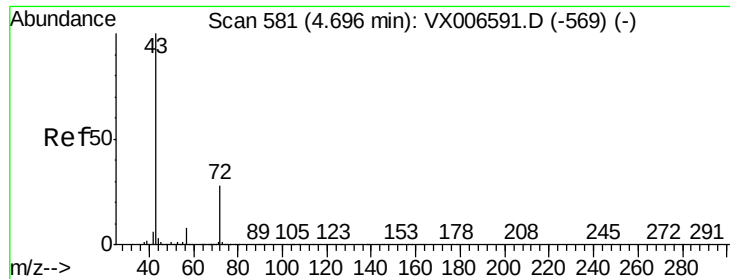
Tot Ion: 43 Resp: 29507
Ion Ratio Lower Upper
43 100
58 31.4 24.0 36.0



#18
Methyl Acetate
Concen: 2.013 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006599.D
Acq: 18 Dec 2018 15:51

Tgt Ion: 43 Resp: 21281
Ion Ratio Lower Upper
43 100
74 24.3 17.9 26.9

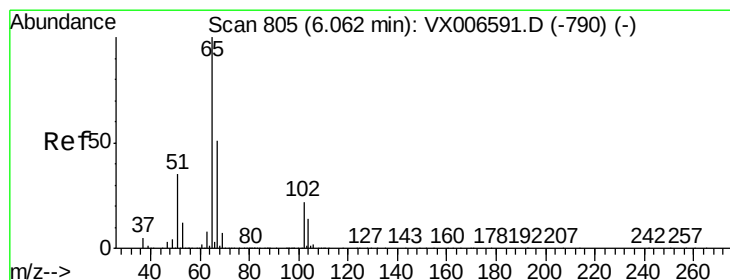
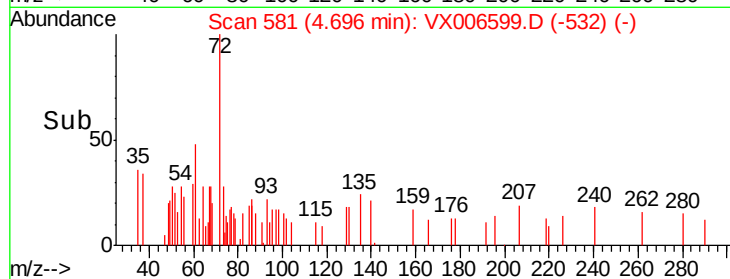
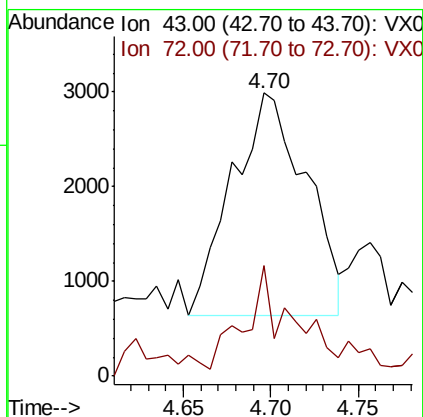
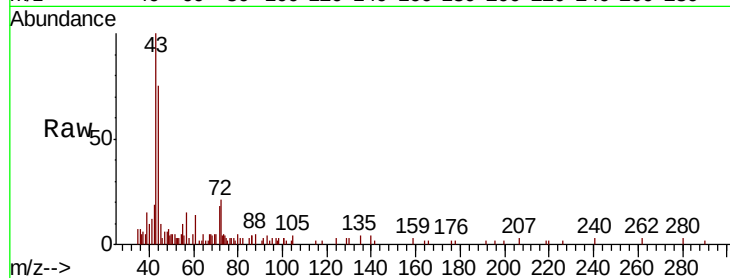




#25
2-Butanone
Concen: 1.376 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006599.D
Acq: 18 Dec 2018 15:51

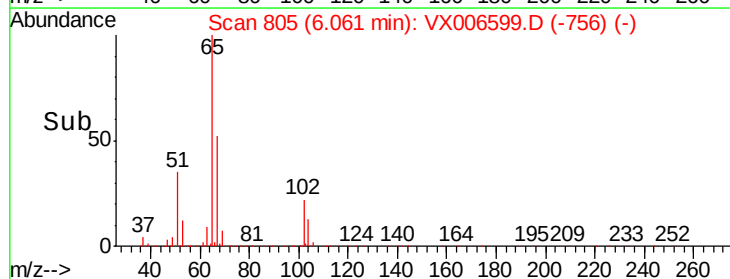
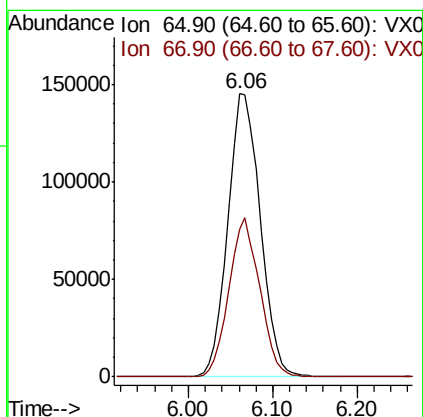
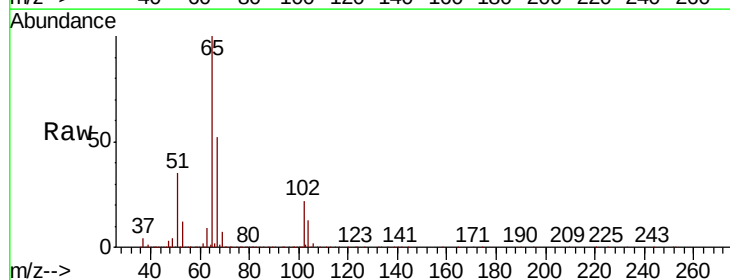
Instrument :
MSVOA_X
ClientSampled :
23701

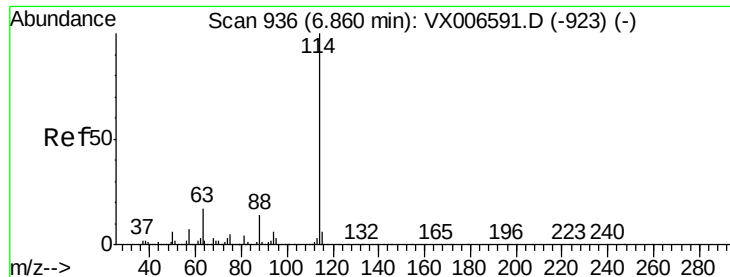
Tot Ion: 43 Resp: 6958
Ion Ratio Lower Upper
43 100
72 41.3 22.6 33.8#



#33
1,2-Dichloroethane-d4
Concen: 48.561 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX006599.D
Acq: 18 Dec 2018 15:51

Tgt Ion: 65 Resp: 380006
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006599.D

Acq: 18 Dec 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

23701

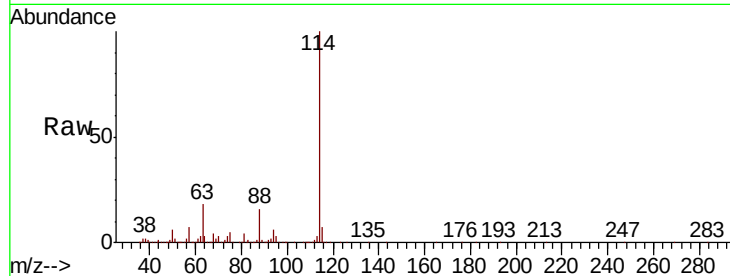
Tot Ion:114 Resp: 1120598

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

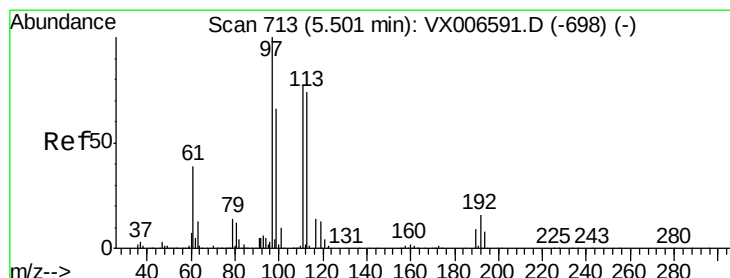
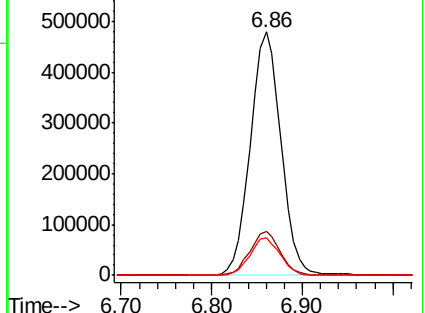
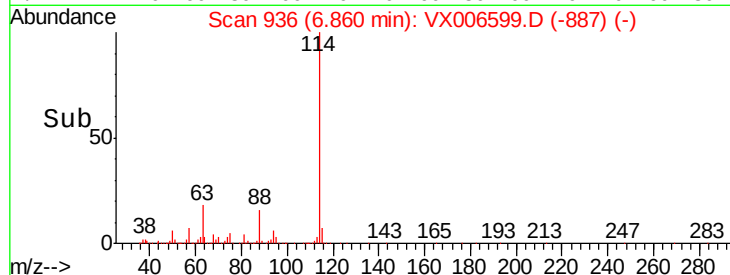
88 15.6 0.0 29.0



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: 47.034 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006599.D

Acq: 18 Dec 2018 15:51

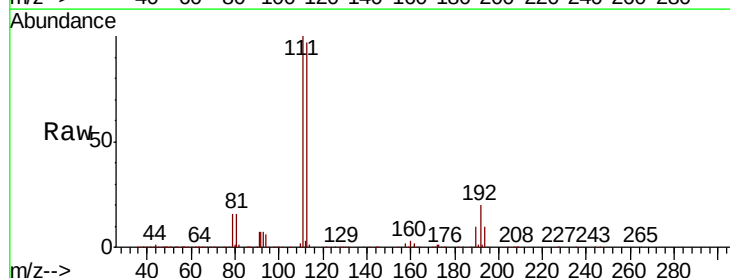
Tgt Ion:113 Resp: 333306

Ion Ratio Lower Upper

113 100

111 103.3 81.1 121.7

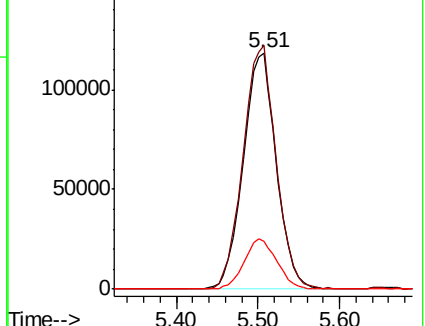
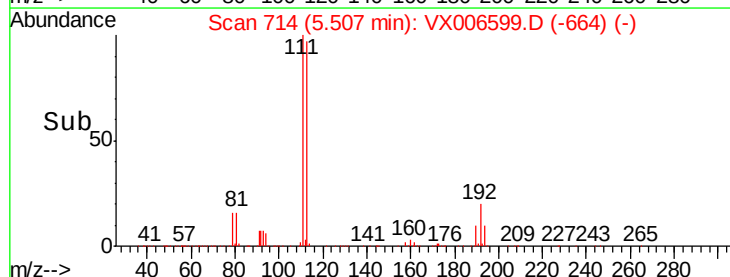
192 21.1 18.2 27.2

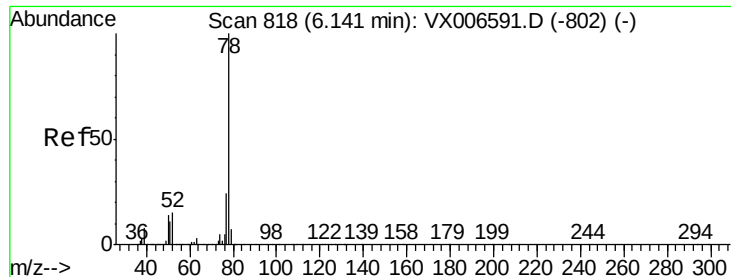


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.591 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006599.D

Acq: 18 Dec 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

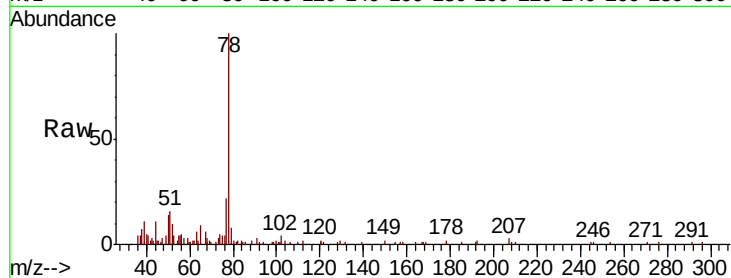
23701

Tot Ion: 78 Resp: 16669

Ion Ratio Lower Upper

78 100

77 22.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

6000

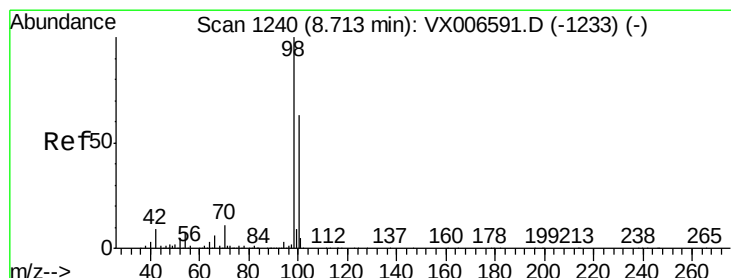
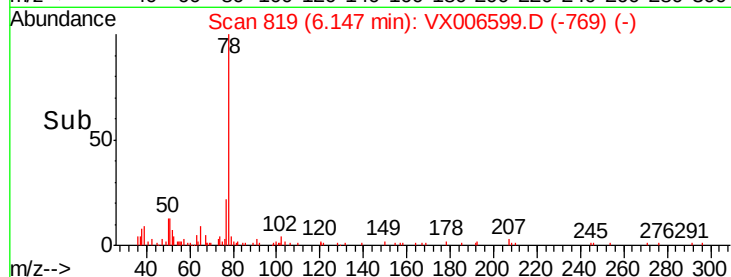
4000

2000

0

Time-->

6.05 6.10 6.15 6.20 6.25



#50

Toluene-d8

Concen: 49.558 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006599.D

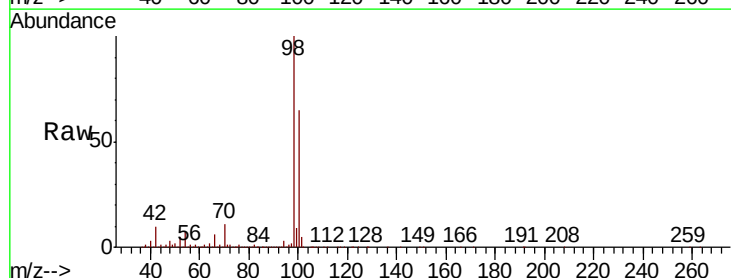
Acq: 18 Dec 2018 15:51

Tgt Ion: 98 Resp: 1323988

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

1000000

800000

600000

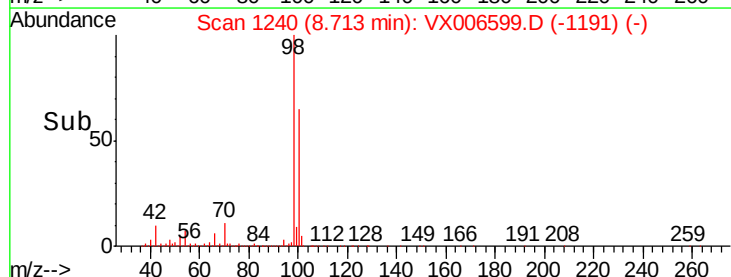
400000

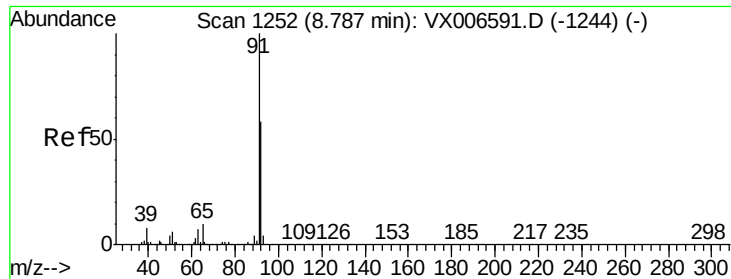
200000

0

Time-->

8.60 8.70 8.80





#52

Toluene

Concen: 4.033 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006599.D

Acq: 18 Dec 2018 15:51

Instrument :

MSVOA_X

ClientSampled :

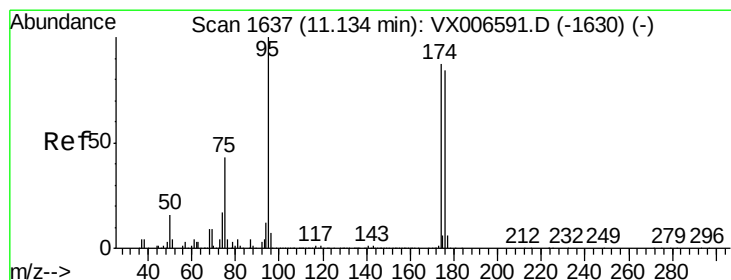
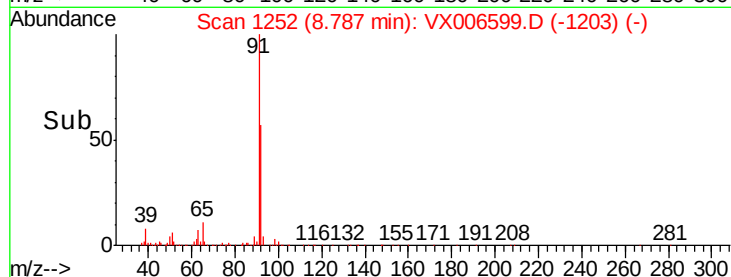
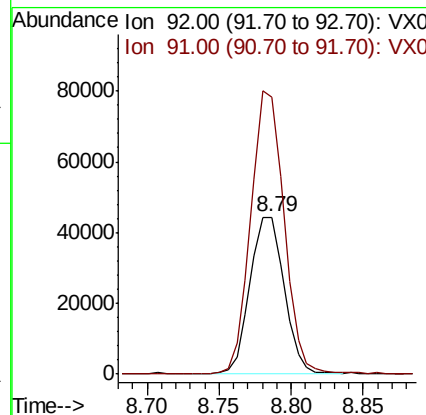
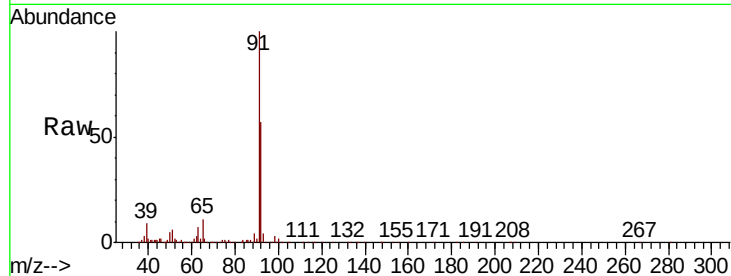
23701

Tot Ion: 92 Resp: 73504

Ion Ratio Lower Upper

92 100

91 175.4 139.2 208.8



#62

4-Bromofluorobenzene

Concen: 50.280 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006599.D

Acq: 18 Dec 2018 15:51

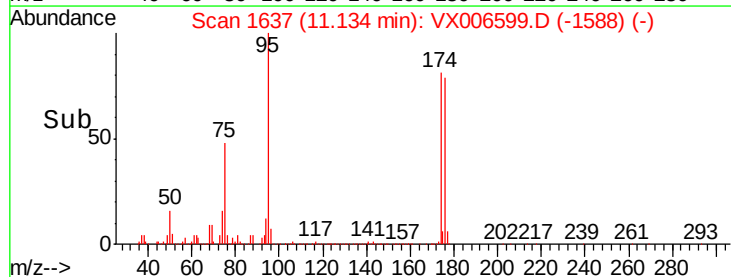
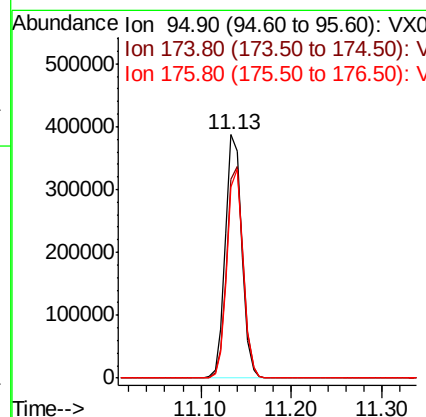
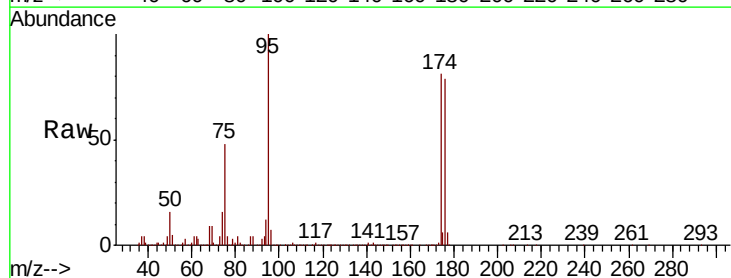
Tgt Ion: 95 Resp: 491969

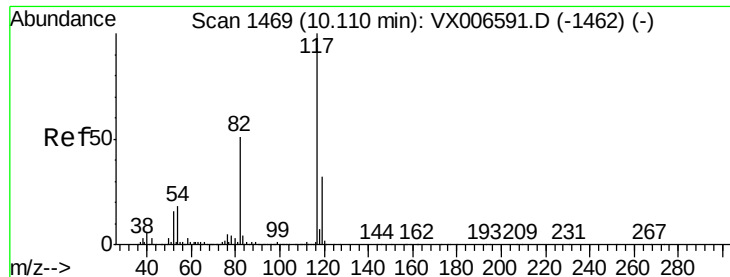
Ion Ratio Lower Upper

95 100

174 87.4 0.0 187.0

176 84.3 0.0 181.8

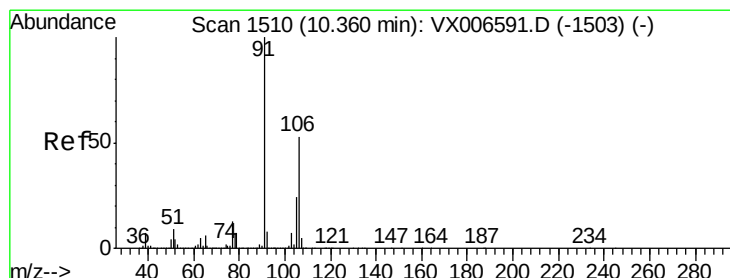
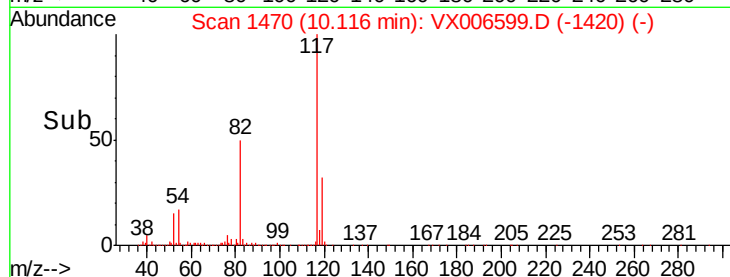
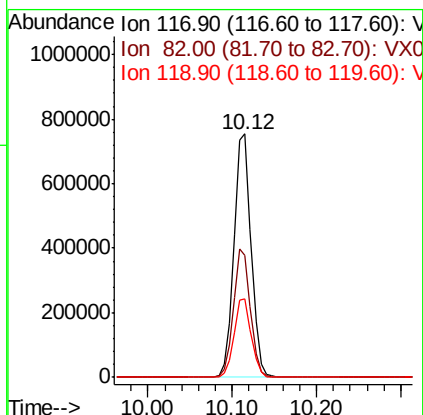
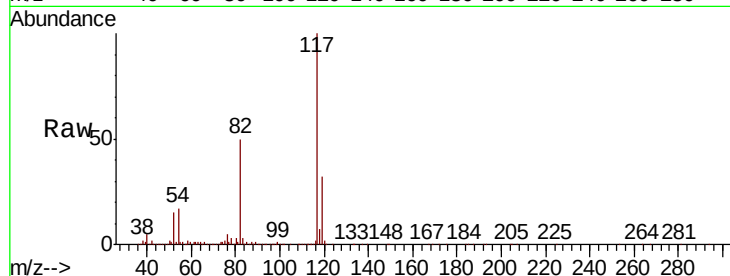




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006599.D
Acq: 18 Dec 2018 15:51

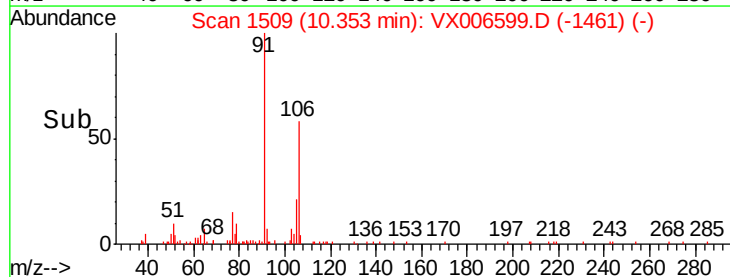
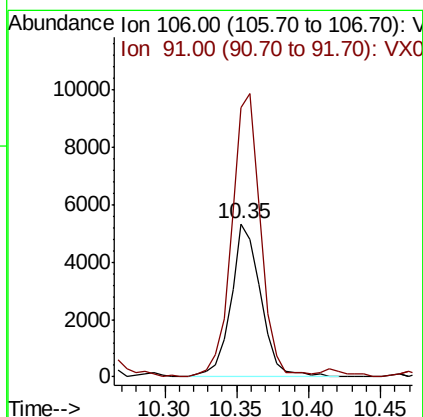
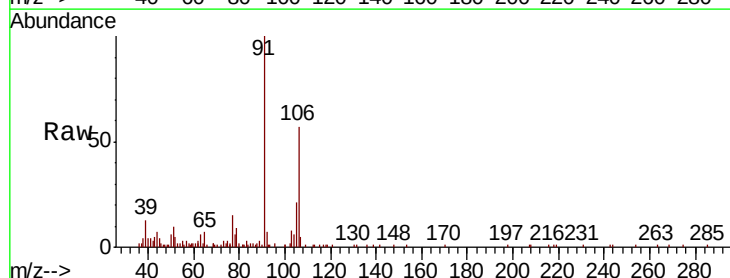
Instrument :
MSVOA_X
ClientSampleId :
23701

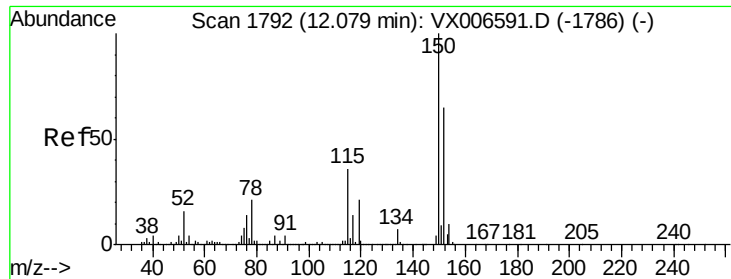
Tot Ion:117 Resp: 1040990
Ion Ratio Lower Upper
117 100
82 50.1 39.6 59.4
119 32.4 26.3 39.5



#68
m/p-Xylenes
Concen: 0.544 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX006599.D
Acq: 18 Dec 2018 15:51

Tgt Ion:106 Resp: 7723
Ion Ratio Lower Upper
106 100
91 178.9 155.2 232.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006599.D

Acq: 18 Dec 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

23701

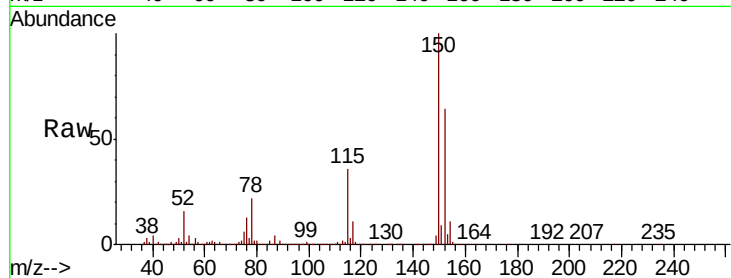
Tot Ion:152 Resp: 505249

Ion Ratio Lower Upper

152 100

115 56.9 39.0 116.9

150 156.6 0.0 345.8



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

