

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122218\
 Data File : VX006767.D
 Acq On : 22 Dec 2018 13:03
 Operator : JC/MD
 Sample : J6497-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Dec 24 04:46:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

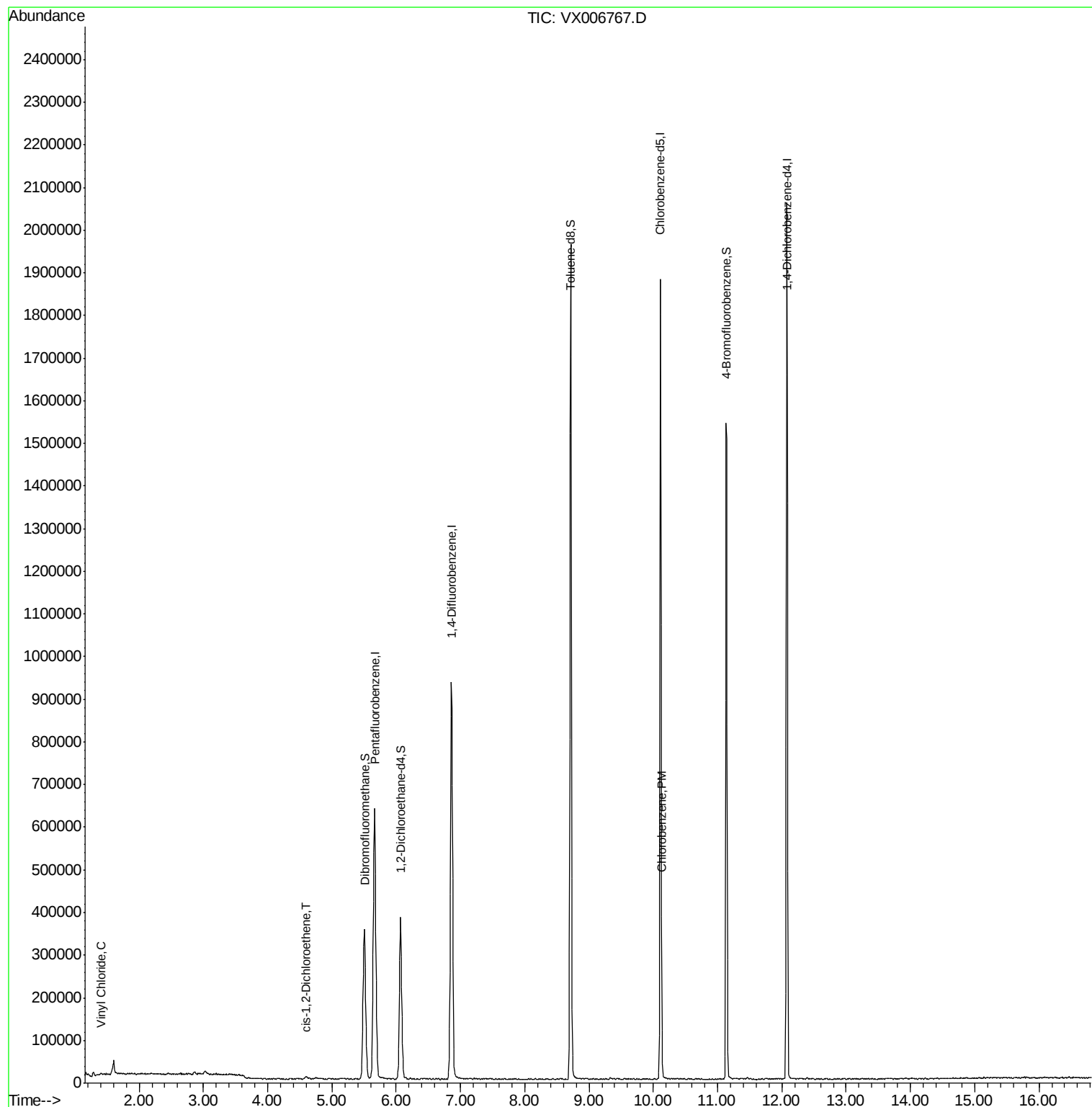
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	645469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1004199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	908612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	422883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	348879	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
35) Dibromofluoromethane	5.51	113	302451	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
50) Toluene-d8	8.71	98	1170749	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.13	95	410685	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
Target Compounds						
4) Vinyl Chloride	1.41	62	3891	0.586	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	3985	0.565	ug/l	92
65) Chlorobenzene	10.13	112	5091	0.265	ug/l #	83

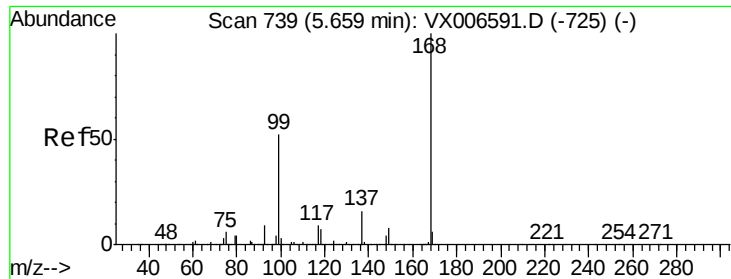
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006767.D

Acq: 22 Dec 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

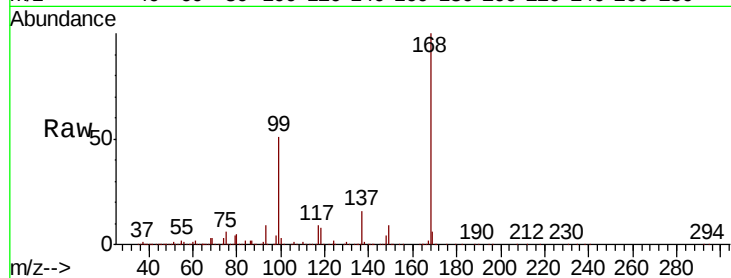
MW-2

Tot Ion:168 Resp: 645469

Ion Ratio Lower Upper

168 100

99 50.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

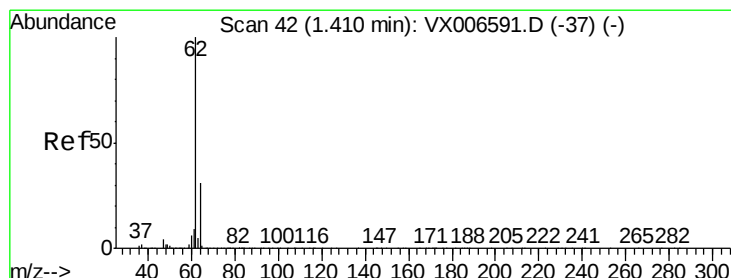
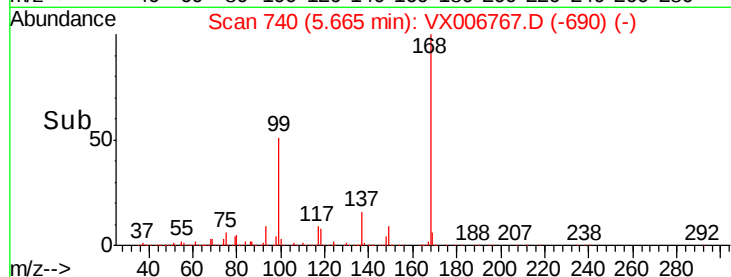
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.586 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006767.D

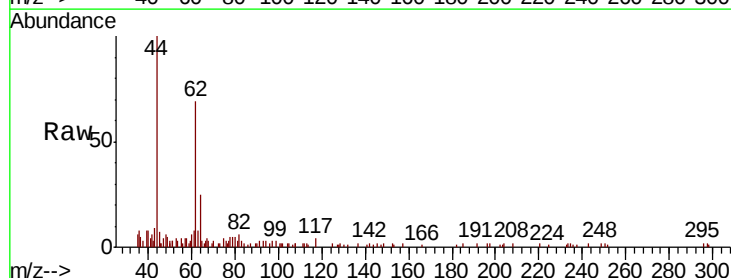
Acq: 22 Dec 2018 13:03

Tgt Ion: 62 Resp: 3891

Ion Ratio Lower Upper

62 100

64 31.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

3000

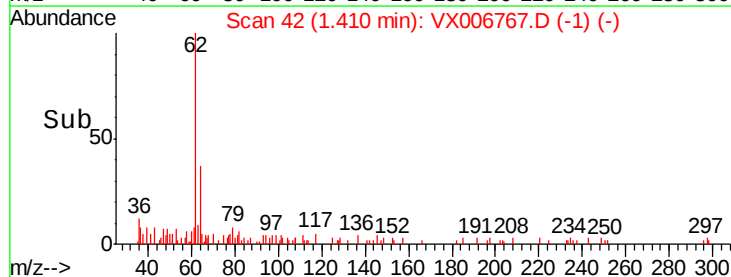
2000

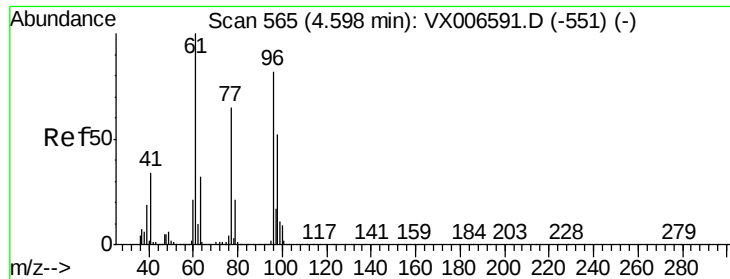
1000

0

Time-->

1.35 1.40 1.45



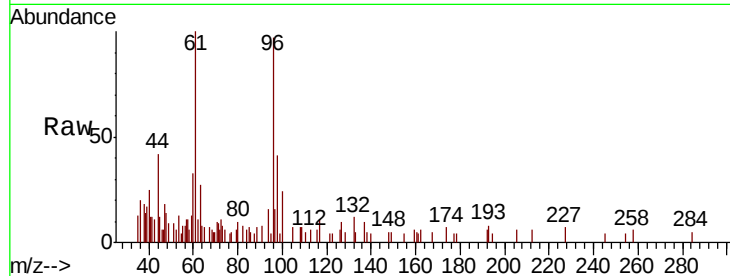


#27

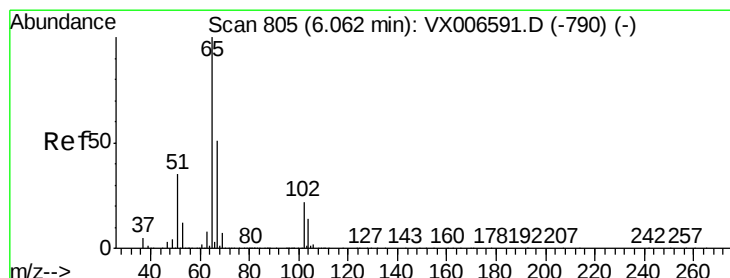
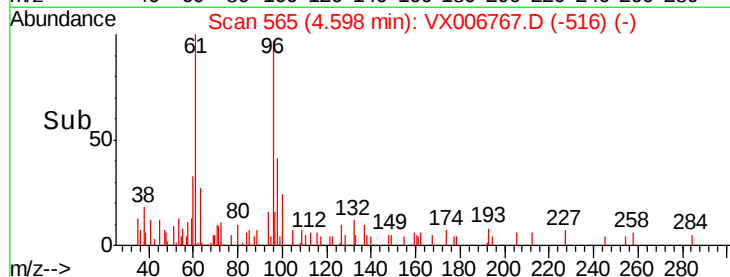
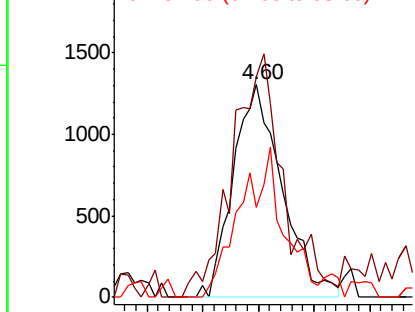
cis-1,2-Dichloroethene
Concen: 0.565 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006767.D
Acq: 22 Dec 2018 13:03

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
96	100		
61	118.1	0.0	258.6
98	62.4	0.0	132.0



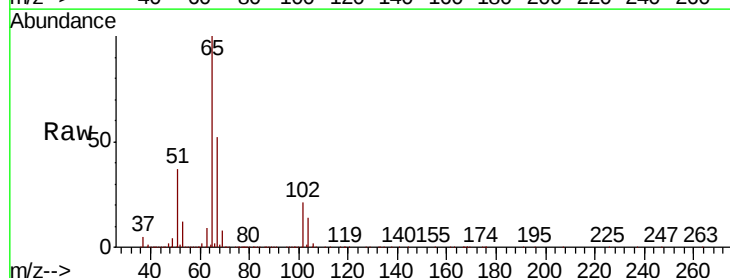
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



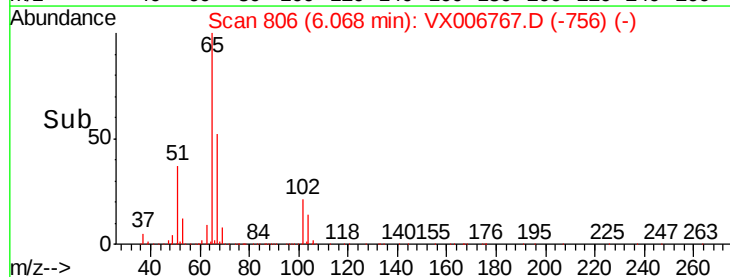
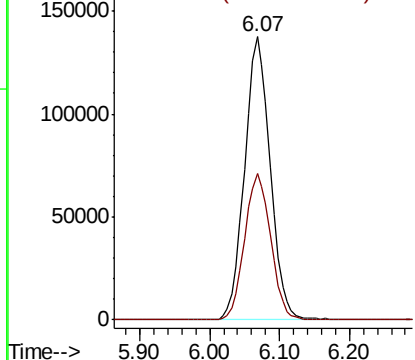
#33

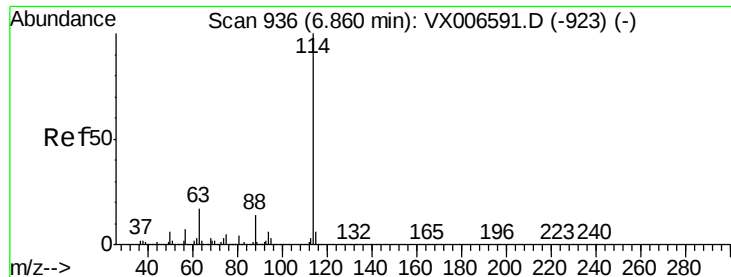
1,2-Dichloroethane-d4
Concen: 50.151 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006767.D
Acq: 22 Dec 2018 13:03

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006767.D

Acq: 22 Dec 2018 13:03

Instrument :

MSVOA_X

ClientSampled :

MW-2

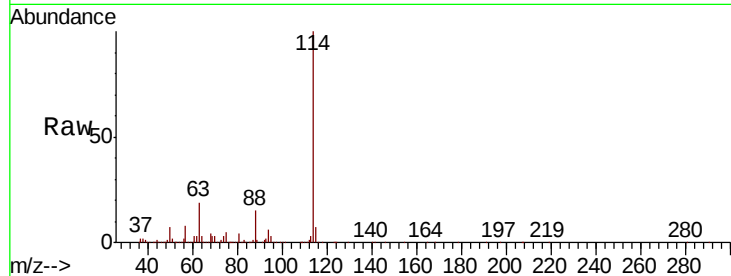
Tot Ion:114 Resp: 1004199

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

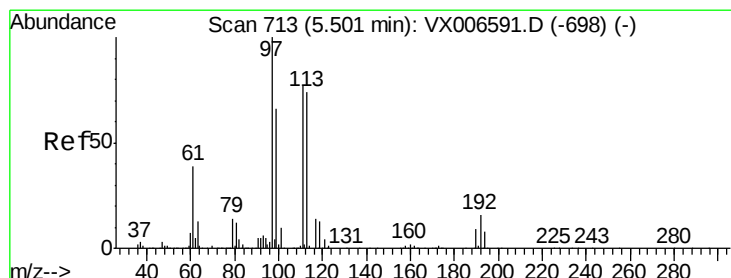
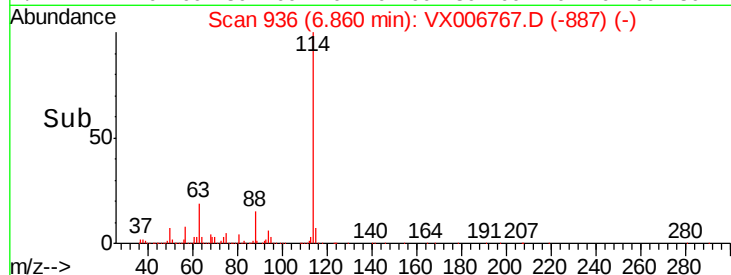
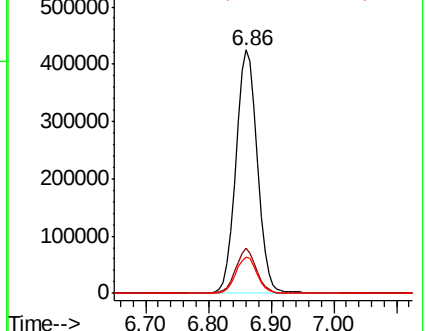
88 15.1 0.0 28.8



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: 47.627 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006767.D

Acq: 22 Dec 2018 13:03

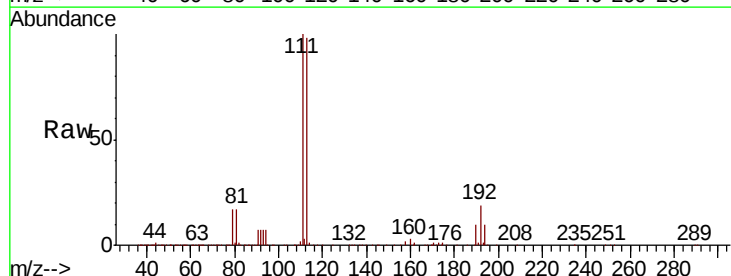
Tgt Ion:113 Resp: 302451

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

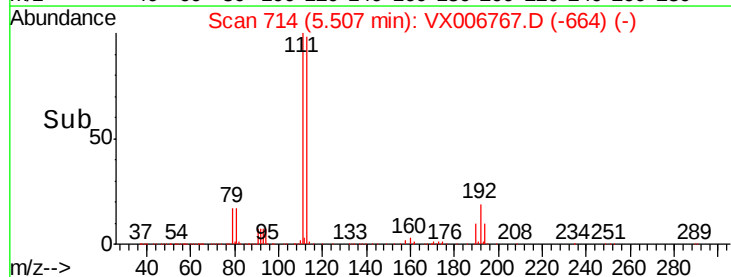
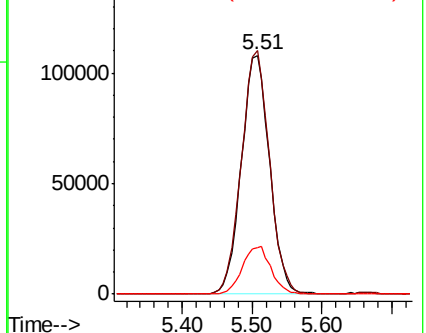
192 20.1 16.7 25.1

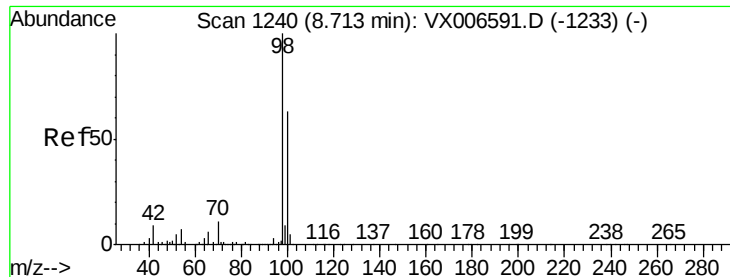


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.901 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006767.D

Acq: 22 Dec 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

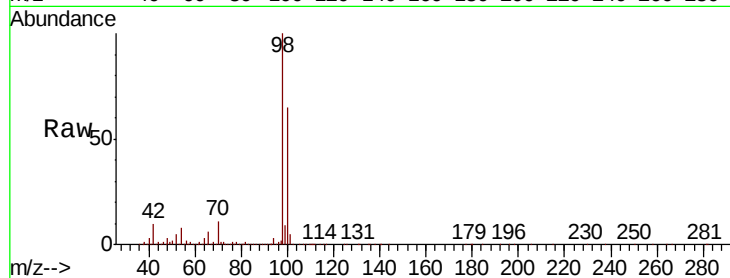
MW-2

Tot Ion: 98 Resp: 1170749

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

600000

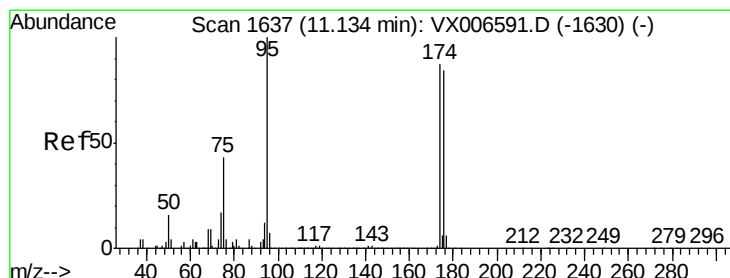
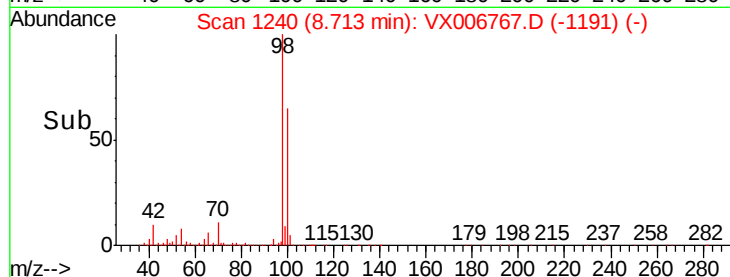
400000

200000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 46.838 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006767.D

Acq: 22 Dec 2018 13:03

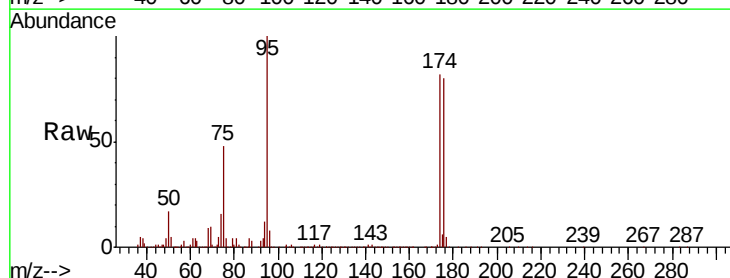
Tgt Ion: 95 Resp: 410685

Ion Ratio Lower Upper

95 100

174 88.5 0.0 182.2

176 86.3 0.0 178.8



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

11.13

400000

300000

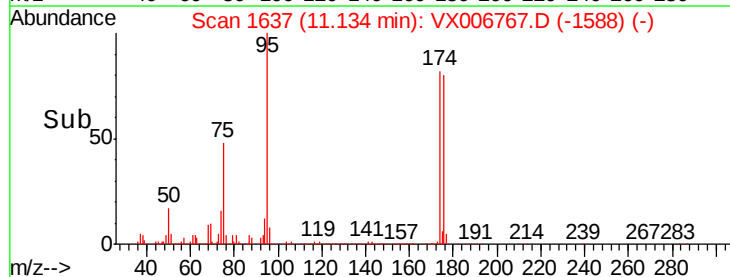
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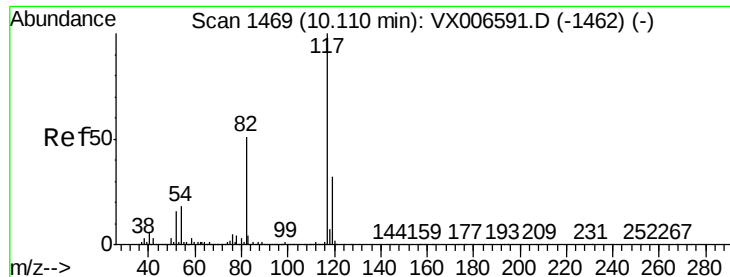
100000

0

11.10 11.20

Time-->

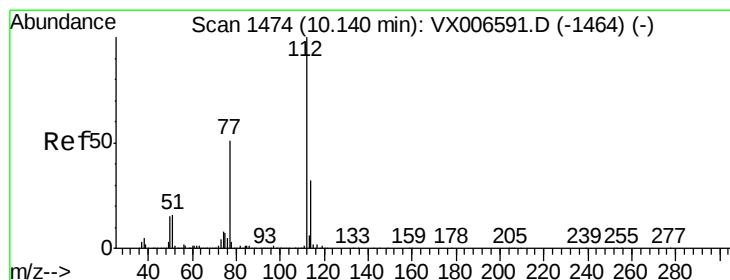
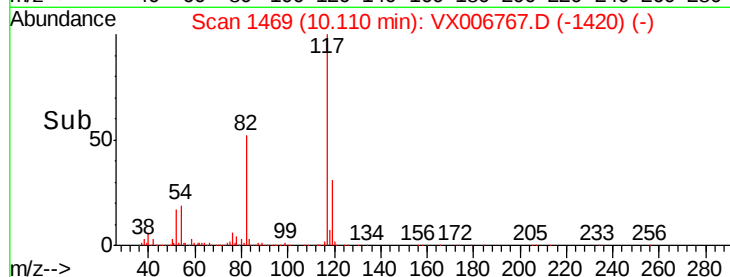
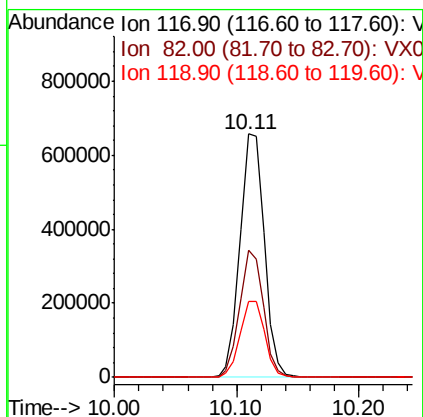
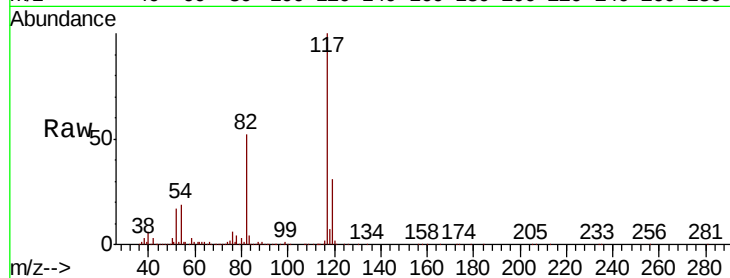




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006767.D
Acq: 22 Dec 2018 13:03

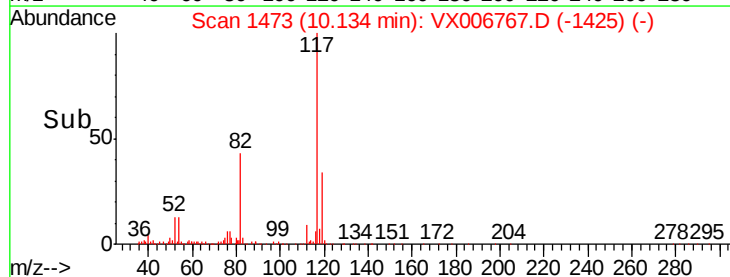
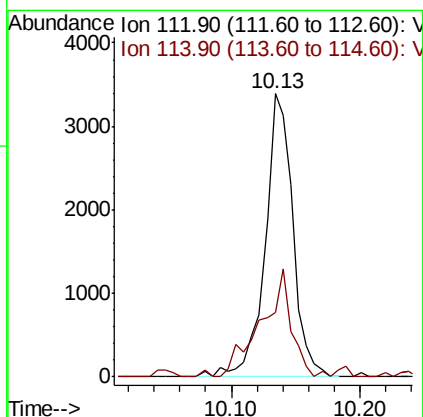
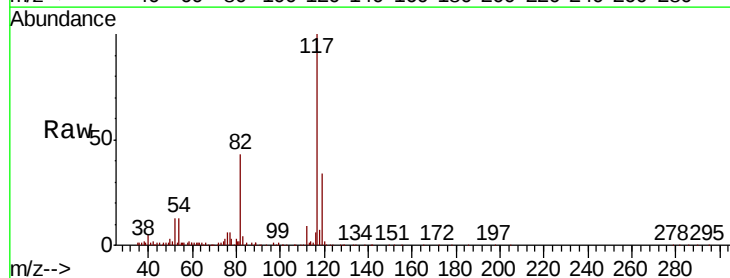
Instrument :
MSVOA_X
ClientSampleId :
MW-2

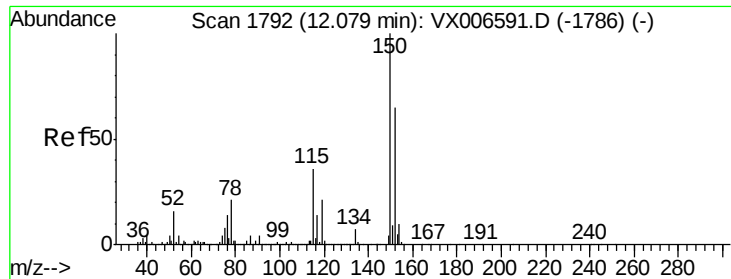
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.0	61.6
119	31.4	25.4	38.0



#65
Chlorobenzene
Concen: 0.265 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX006767.D
Acq: 22 Dec 2018 13:03

Tgt Ion	Ratio	Lower	Upper
112	100		
114	22.6	25.7	38.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006767.D

Acq: 22 Dec 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

MW-2

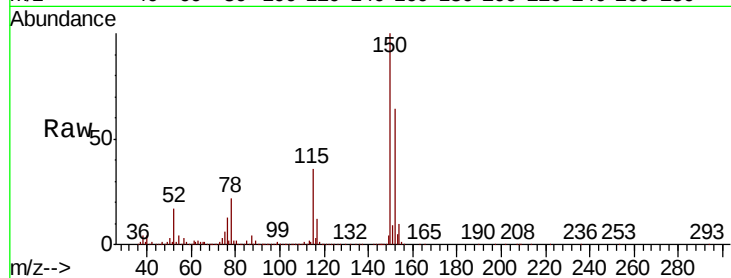
Tot Ion:152 Resp: 422883

Ion Ratio Lower Upper

152 100

115 55.4 39.1 117.2

150 156.8 0.0 344.8



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

