

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006758.D
 Acq On : 22 Dec 2018 07:32
 Operator : JC/MD
 Sample : J6534-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-2

Quant Time: Dec 22 09:52:19 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

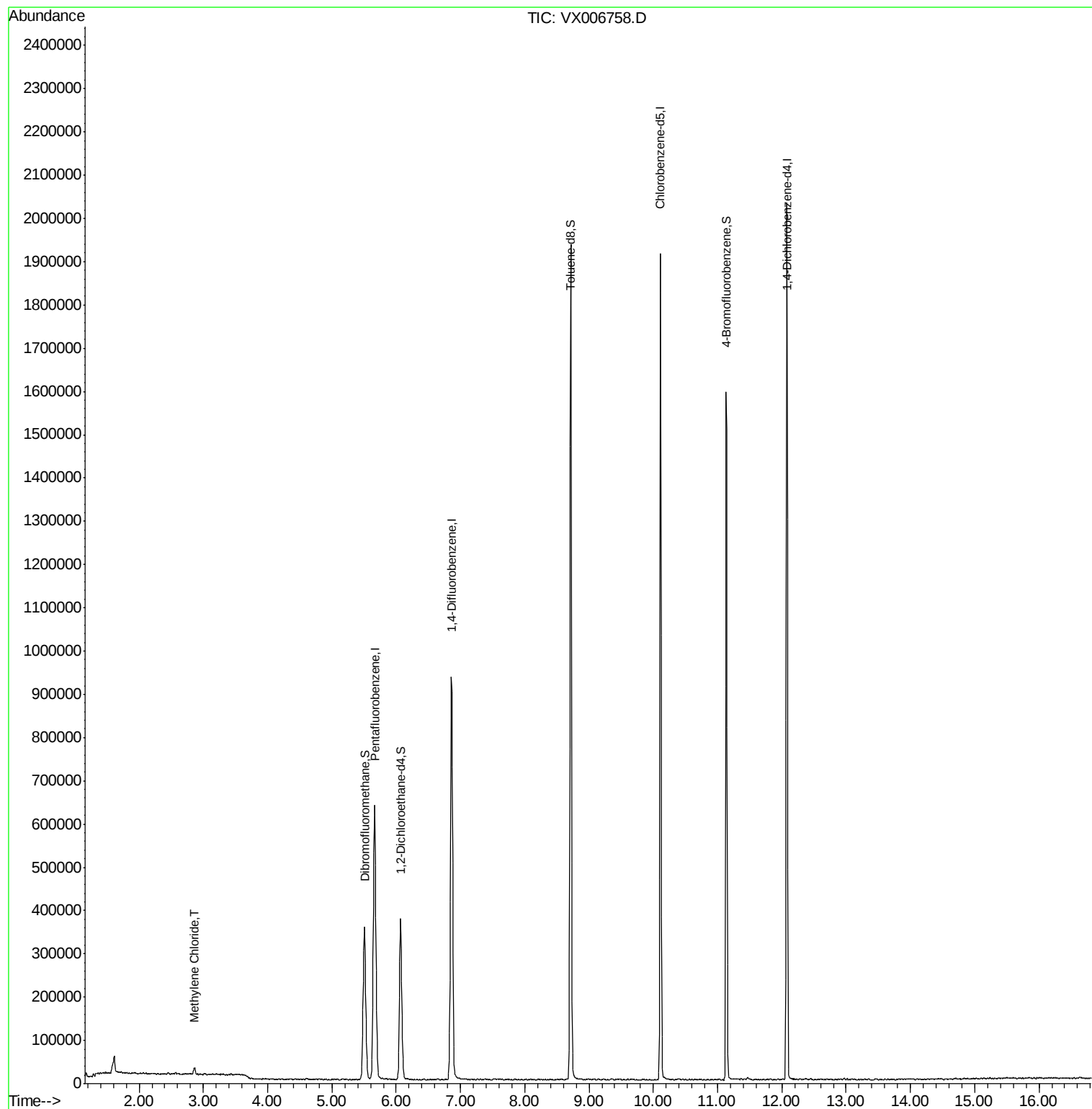
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	647934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1005035	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	912594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	428399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	342972	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
35) Dibromofluoromethane	5.51	113	299707	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
50) Toluene-d8	8.71	98	1185450	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.13	95	416929	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
Target Compounds						
20) Methylene Chloride	2.87	84	8465	1.276	ug/l	Qvalue 92

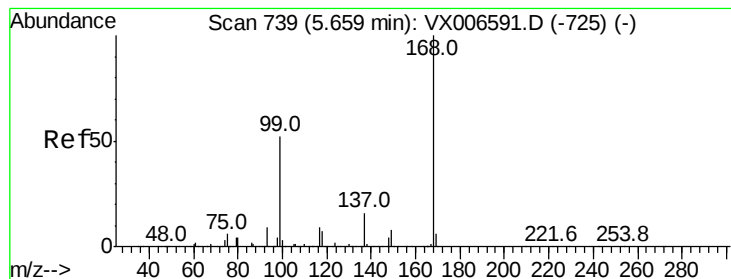
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006758.D

Acq: 22 Dec 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

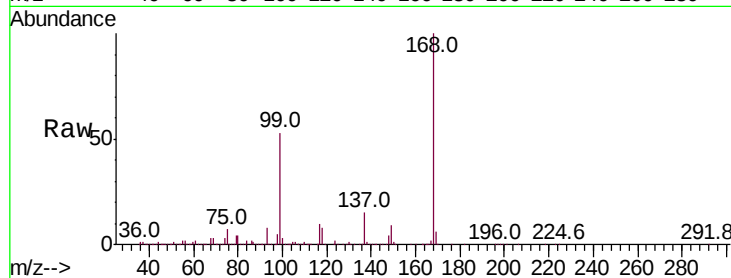
RMW-2

Tot Ion:168 Resp: 647934

Ion Ratio Lower Upper

168 100

99 52.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006758.D (-690) (-)

Ion 98.90 (98.60 to 99.60): VX006758.D (-690) (-)

5.67

250000

200000

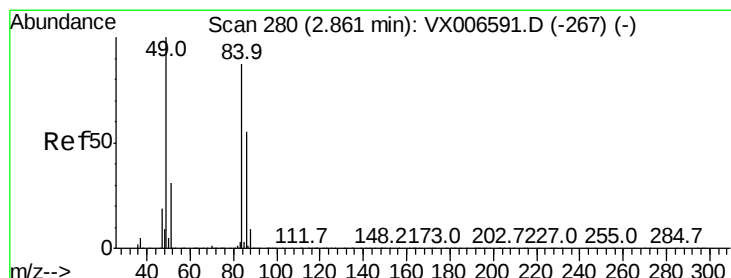
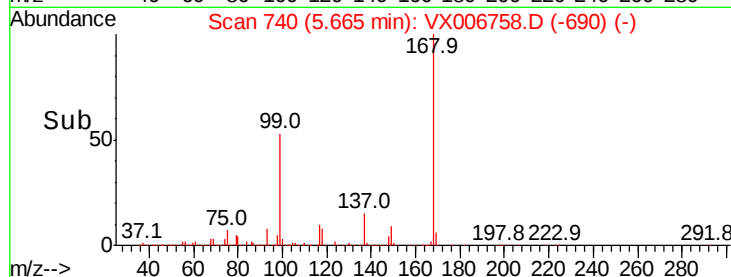
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.276 ug/l

RT: 2.87 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX006758.D

Acq: 22 Dec 2018 07:32

Tgt Ion: 84 Resp: 8465

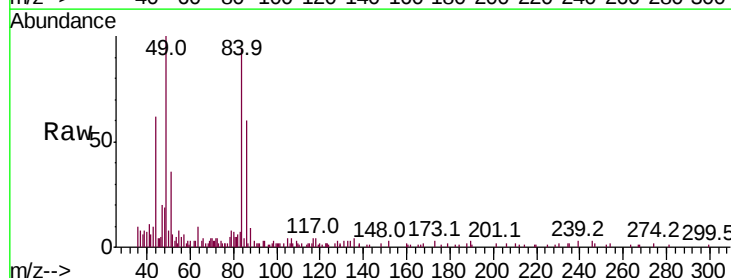
Ion Ratio Lower Upper

84 100

49 104.6 91.8 137.6

51 29.7 28.5 42.7

86 60.4 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VX006758.D (-231) (-)

Ion 48.90 (48.60 to 49.60): VX006758.D (-231) (-)

Ion 50.90 (50.60 to 51.60): VX006758.D (-231) (-)

Ion 85.90 (85.60 to 86.60): VX006758.D (-231) (-)

8000

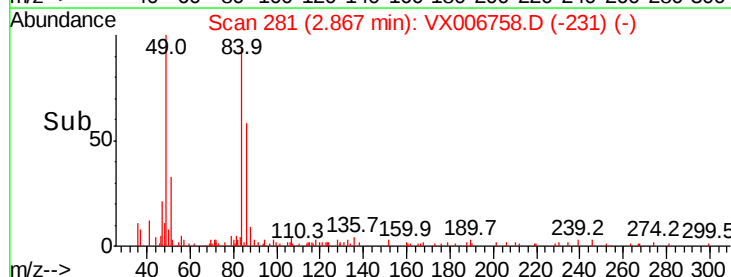
6000

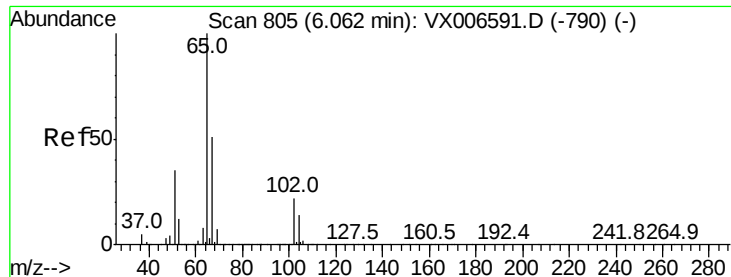
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.114 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006758.D

Acq: 22 Dec 2018 07:32

Instrument :

MSVOA_X

ClientSampled :

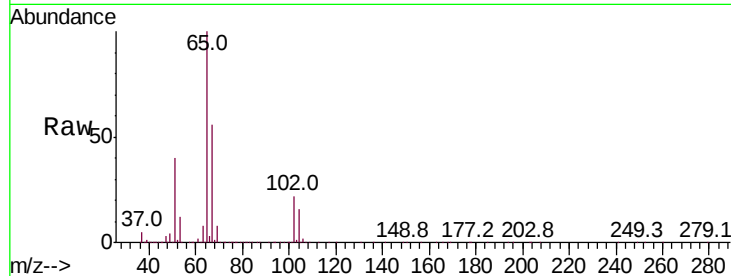
RMW-2

Tot Ion: 65 Resp: 342972

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

100000

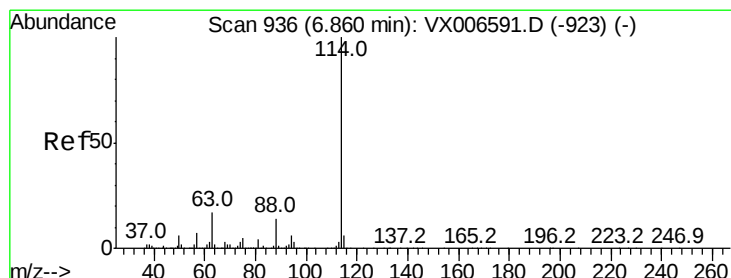
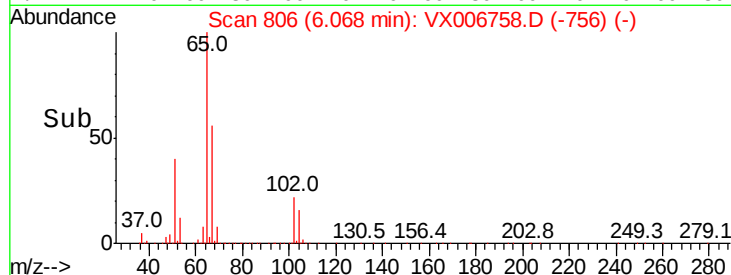
50000

0

6.07

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006758.D

Acq: 22 Dec 2018 07:32

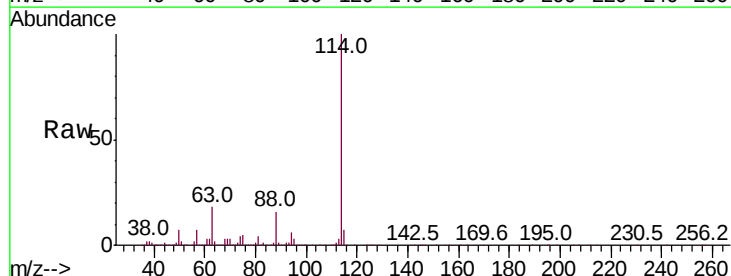
Tgt Ion: 114 Resp: 1005035

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 15.8 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

500000

400000

300000

200000

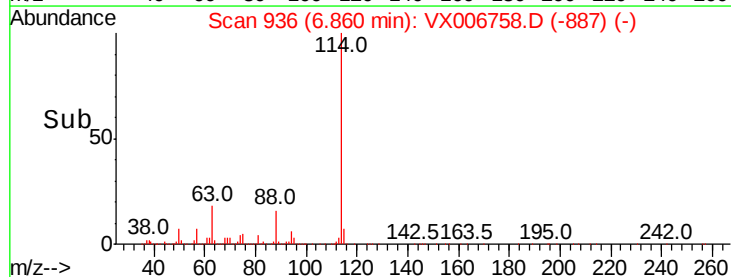
100000

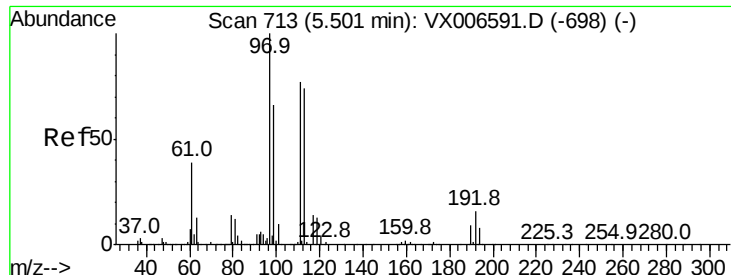
0

6.86

6.70 6.80 6.90 7.00

Time-->

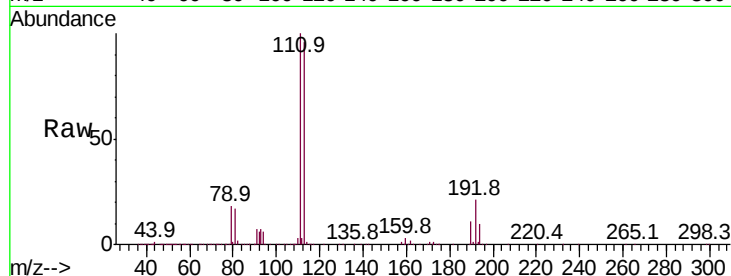




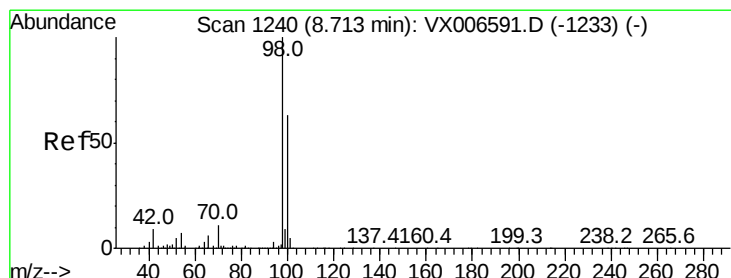
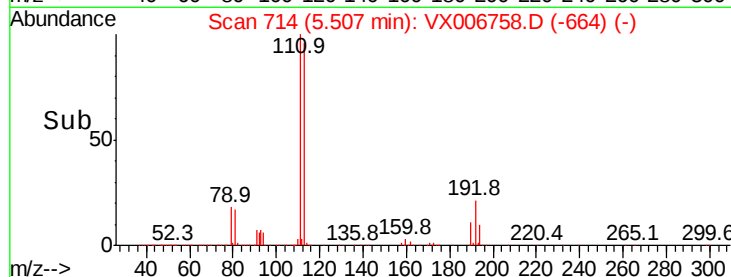
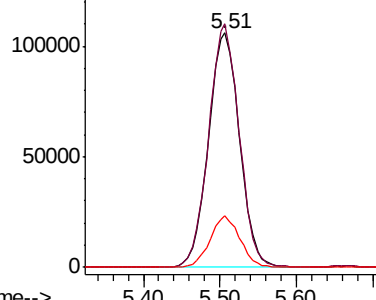
#35
Dibromofluoromethane
Concen: 47.156 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006758.D
Acq: 22 Dec 2018 07:32

Instrument :
MSVOA_X
ClientSampleId :
RMW-2

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	21.0	16.7	25.1

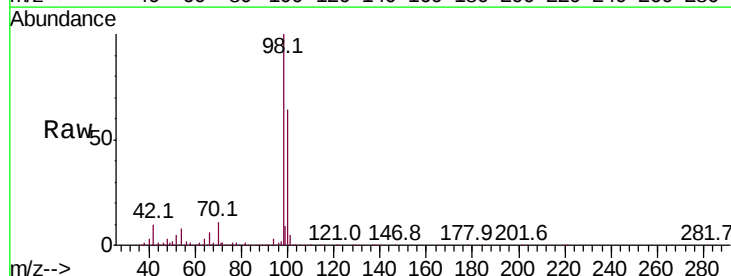


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

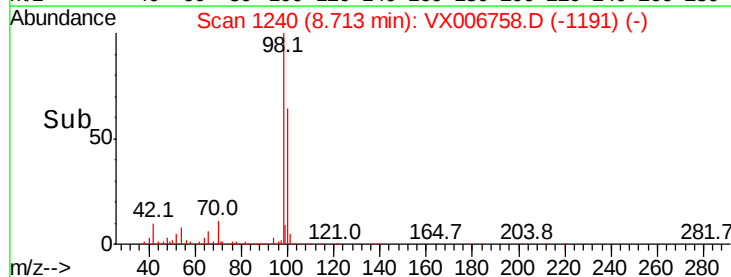
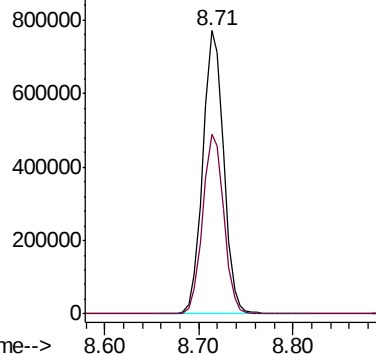


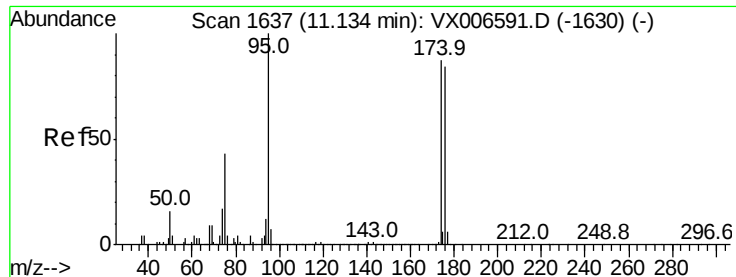
#50
Toluene-d8
Concen: 49.474 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006758.D
Acq: 22 Dec 2018 07:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.510 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006758.D

Acq: 22 Dec 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

RMW-2

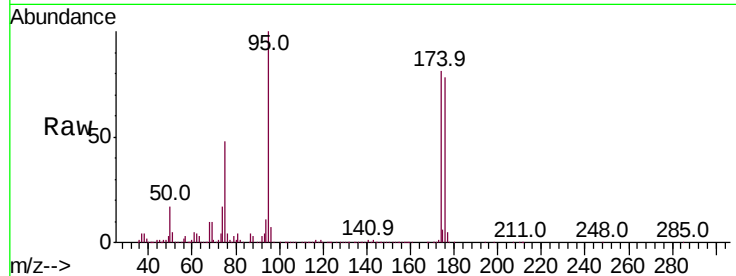
Tot Ion: 95 Resp: 416929

Ion Ratio Lower Upper

95 100

174 88.1 0.0 182.2

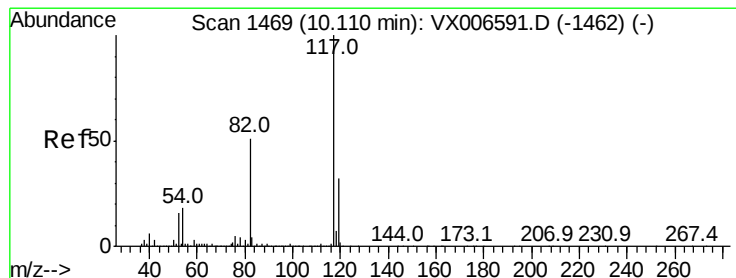
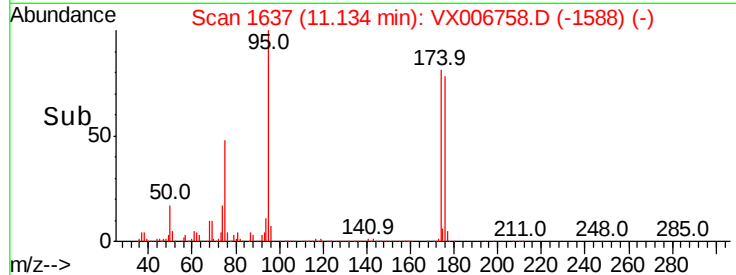
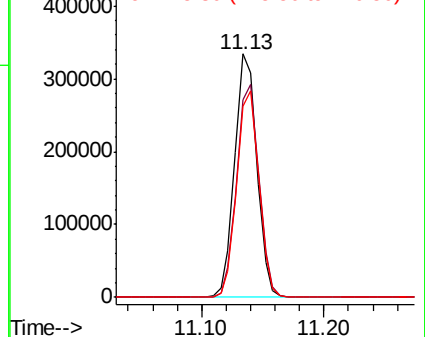
176 85.1 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006591.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX006591.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX006591.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX006758.D

Acq: 22 Dec 2018 07:32

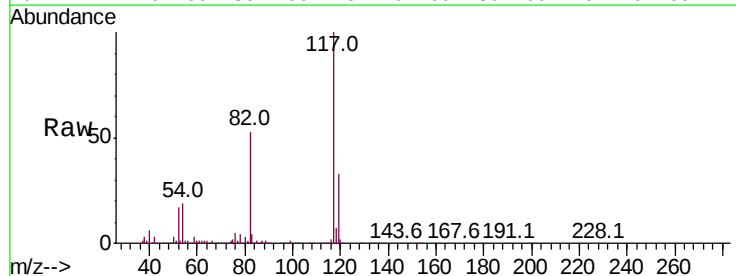
Tgt Ion: 117 Resp: 912594

Ion Ratio Lower Upper

117 100

82 52.6 41.0 61.6

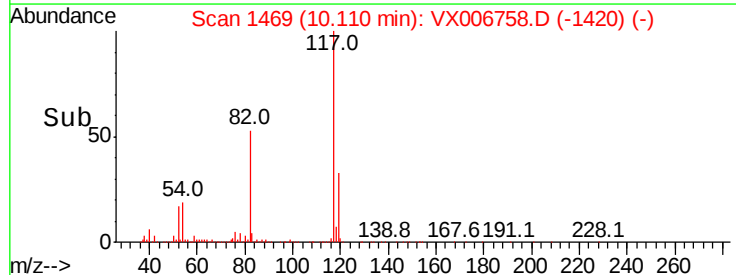
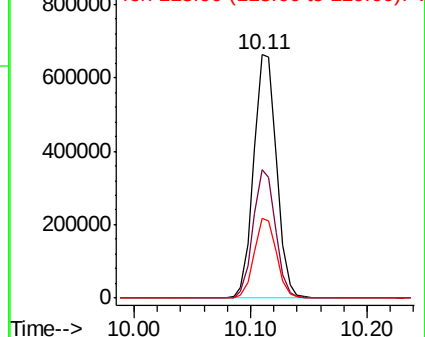
119 32.7 25.4 38.0

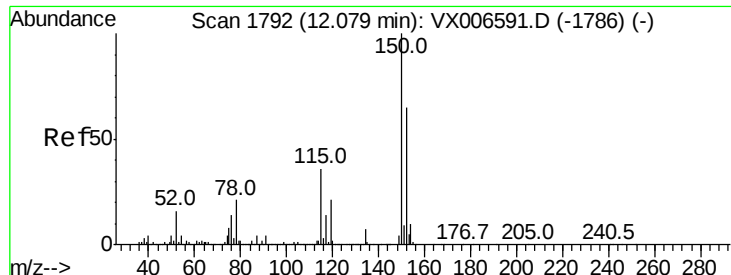


Abundance Ion 116.90 (116.60 to 117.60): VX006591.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006591.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006591.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006758.D

Acq: 22 Dec 2018 07:32

Instrument :

MSVOA_X

ClientSampleId :

RMW-2

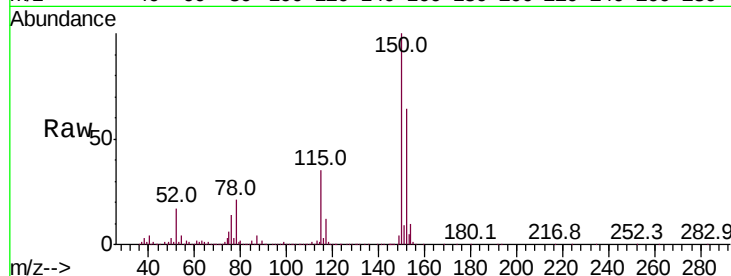
Tot Ion:152 Resp: 428399

Ion Ratio Lower Upper

152 100

115 56.2 39.1 117.2

150 157.4 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

