

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002667.D
 Acq On : 17 Jun 2018 00:17
 Operator : JC/MD
 Sample : J3485-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-16-10.5-061318

Quant Time: Jun 18 04:02:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

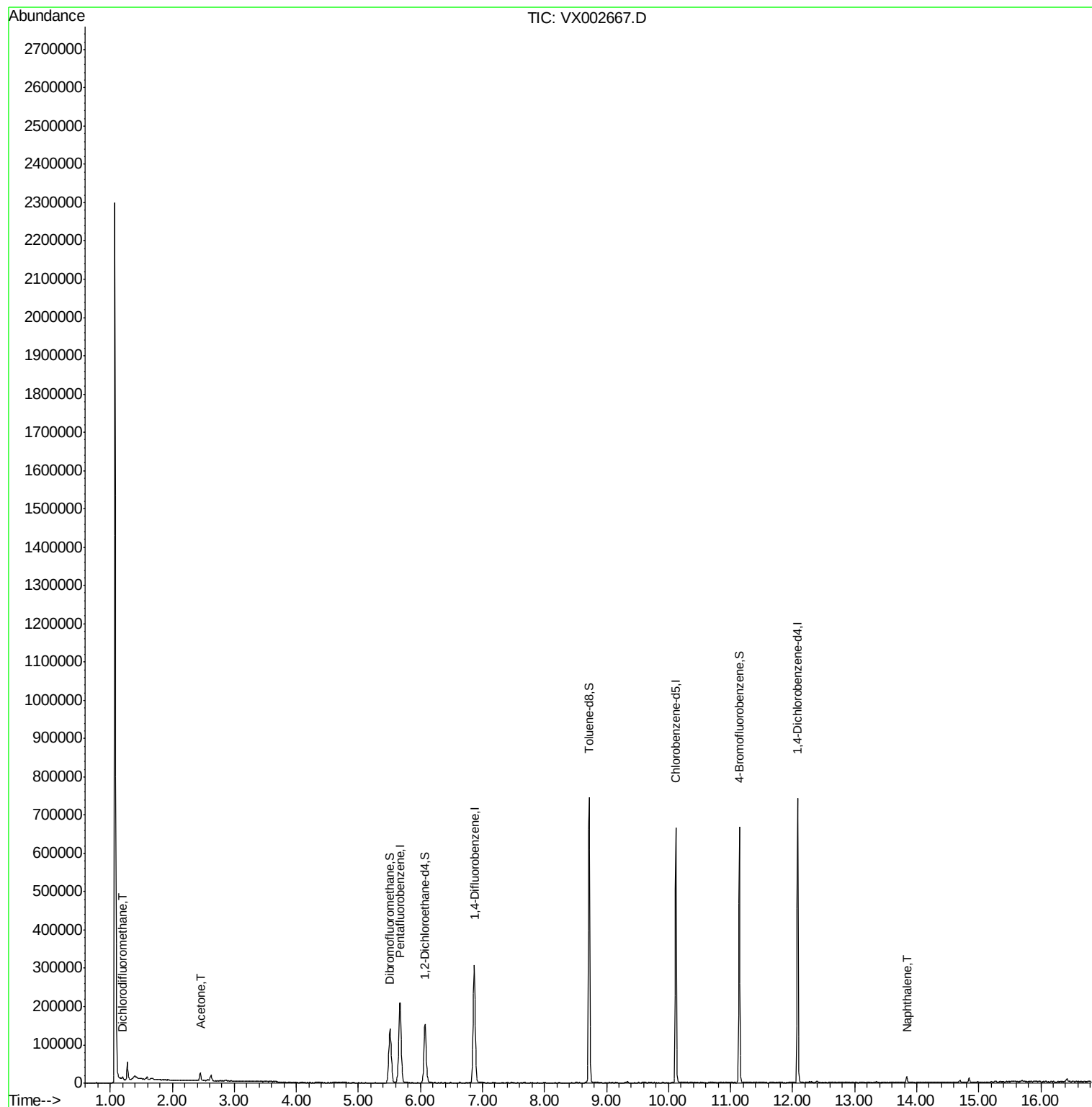
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	304077	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	157200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	146196	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
35) Dibromofluoromethane	5.51	113	113717	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
50) Toluene-d8	8.72	98	432553	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
62) 4-Bromofluorobenzene	11.14	95	149892	42.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.86%	
Target Compounds						
2) Dichlorodifluoromethane	1.20	85	3147	1.405	ug/l	99
16) Acetone	2.45	43	21785	15.404	ug/l	99
95) Naphthalene	13.84	128	9037	0.856	ug/l	98

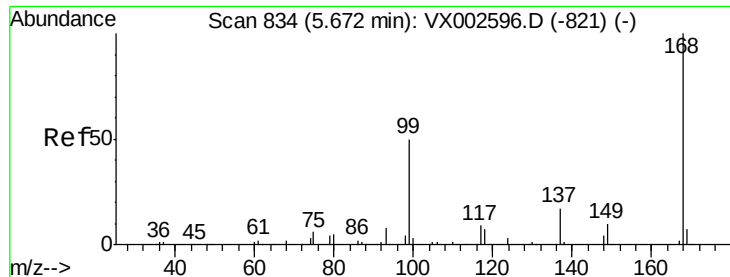
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002667.D

Acq: 17 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

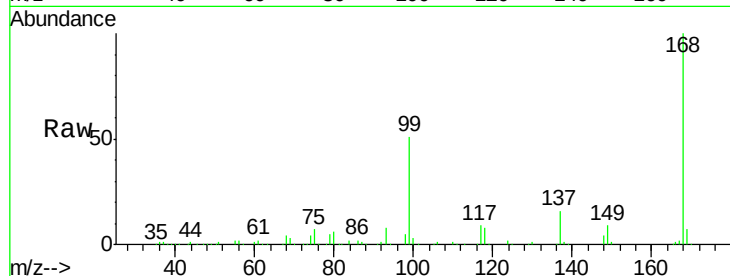
T11-MW-16-10.5-061318

Tot Ion:168 Resp: 210940

Ion Ratio Lower Upper

168 100

99 51.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

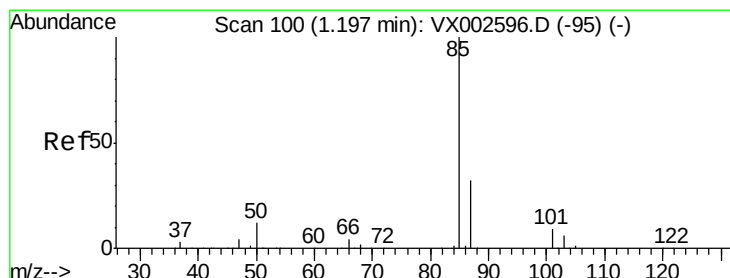
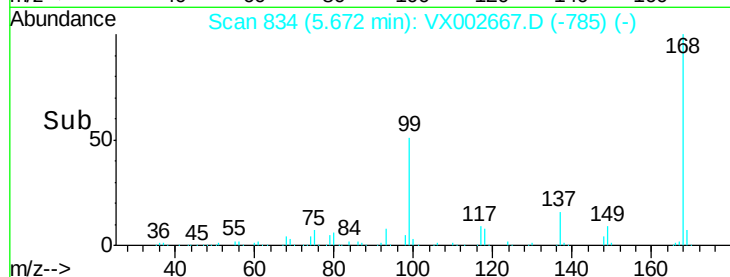
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.405 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002667.D

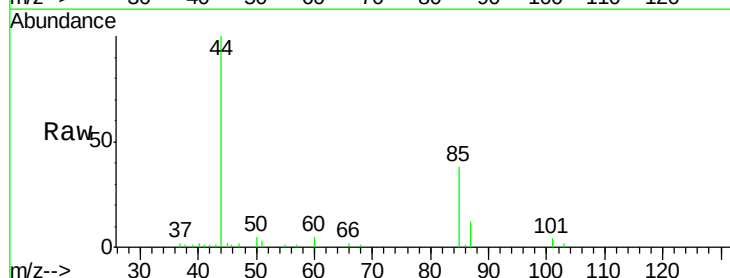
Acq: 17 Jun 2018 00:17

Tgt Ion: 85 Resp: 3147

Ion Ratio Lower Upper

85 100

87 31.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

3000

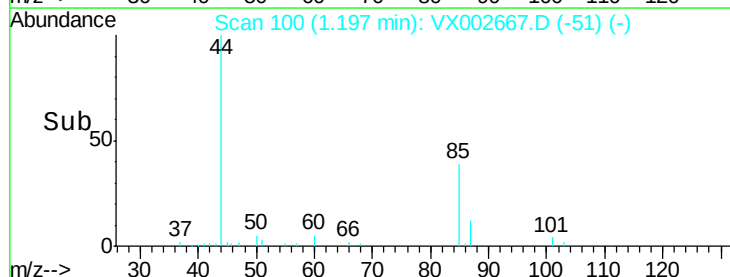
2000

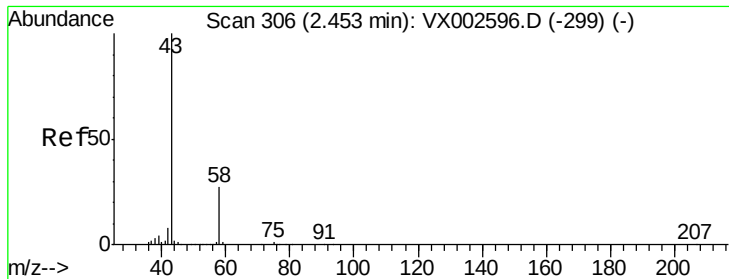
1000

0

Time-->

1.15 1.20 1.25





#16

Acetone

Concen: 15.404 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002667.D

Acq: 17 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

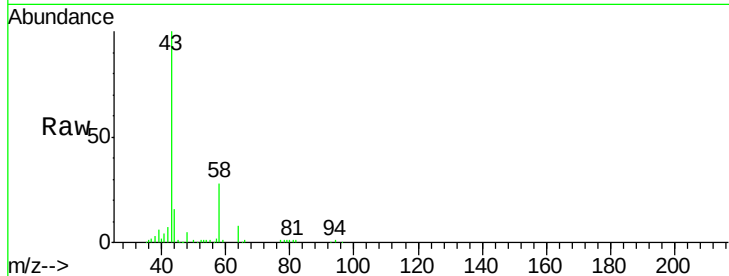
T11-MW-16-10.5-061318

Tot Ion: 43 Resp: 21785

Ion Ratio Lower Upper

43 100

58 28.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

15000

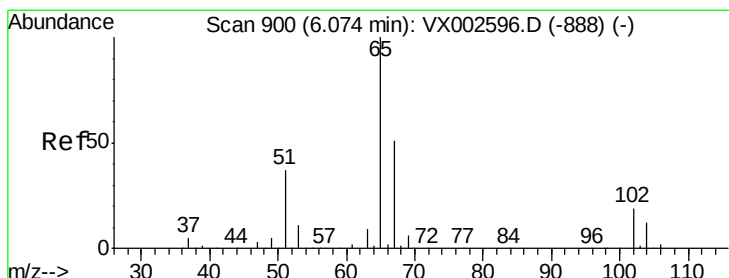
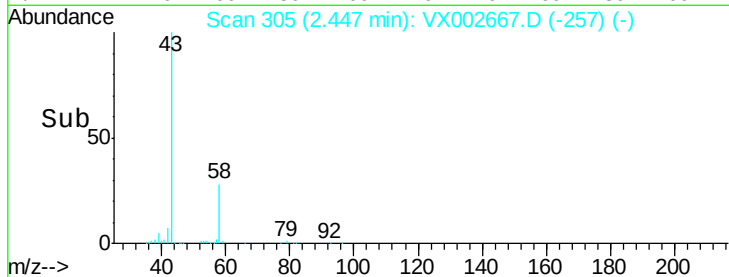
10000

5000

0

Time-->

2.35 2.40 2.45 2.50 2.55



#33

1,2-Dichloroethane-d4

Concen: 45.608 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002667.D

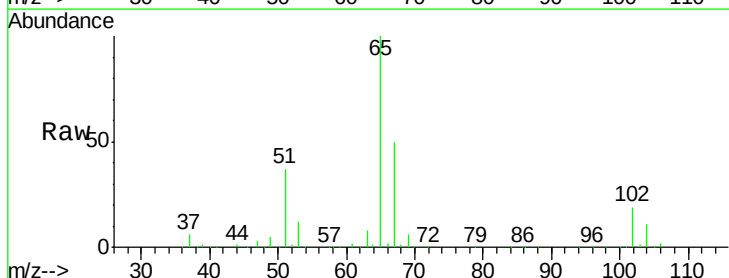
Acq: 17 Jun 2018 00:17

Tgt Ion: 65 Resp: 146196

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

30000

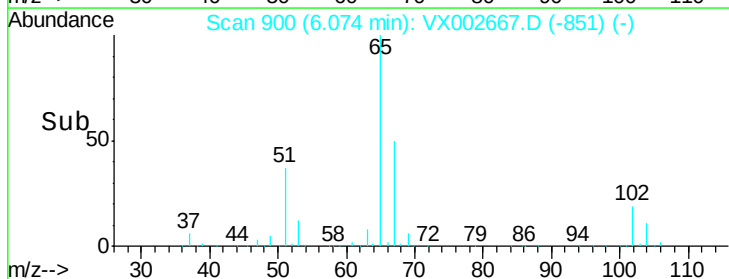
20000

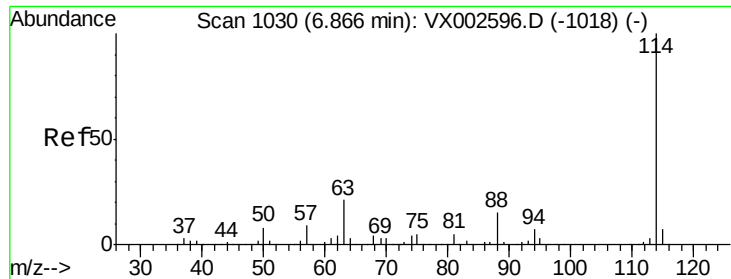
10000

0

Time-->

6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002667.D

Acq: 17 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-16-10.5-061318

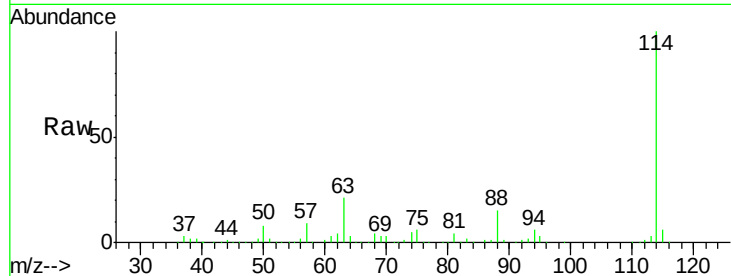
Tot Ion:114 Resp: 304077

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.4

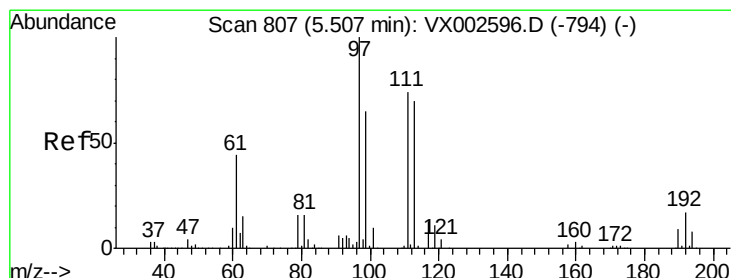
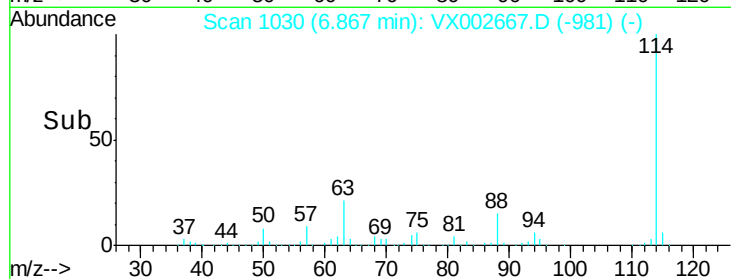
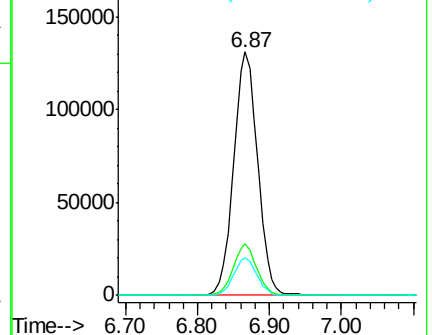
88 15.2 0.0 30.0



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: 46.858 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002667.D

Acq: 17 Jun 2018 00:17

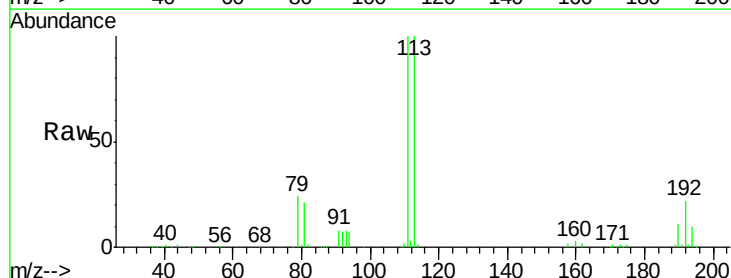
Tgt Ion:113 Resp: 113717

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

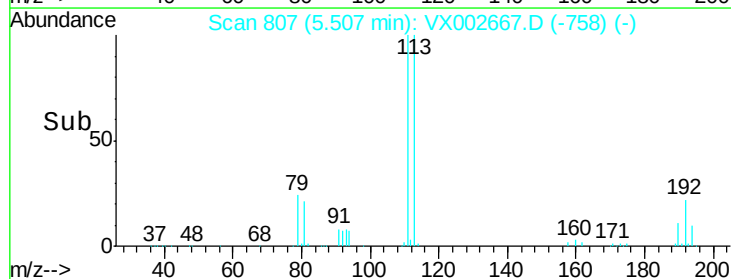
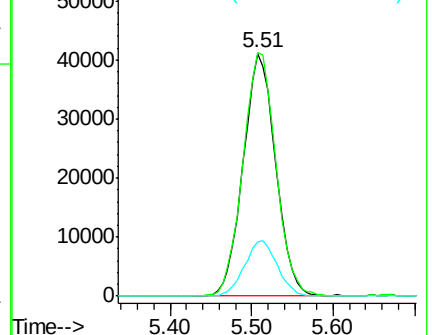
192 23.2 19.1 28.7

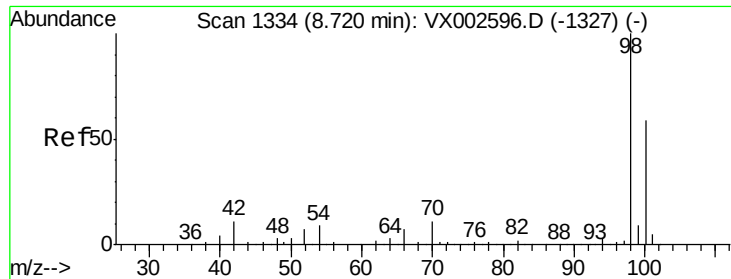


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.942 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002667.D

Acq: 17 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

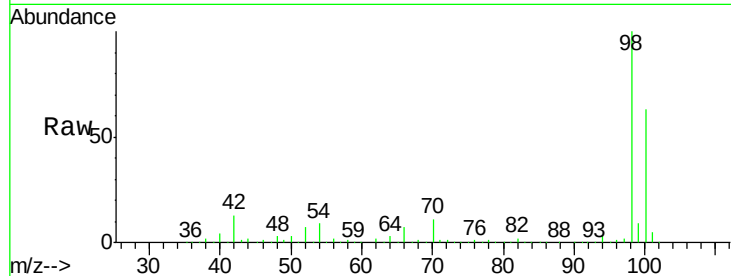
T11-MW-16-10.5-061318

Tot Ion: 98 Resp: 432553

Ion Ratio Lower Upper

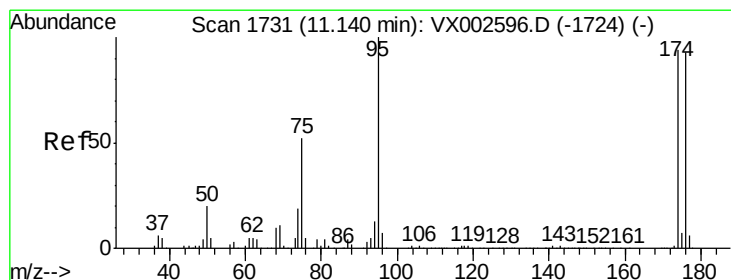
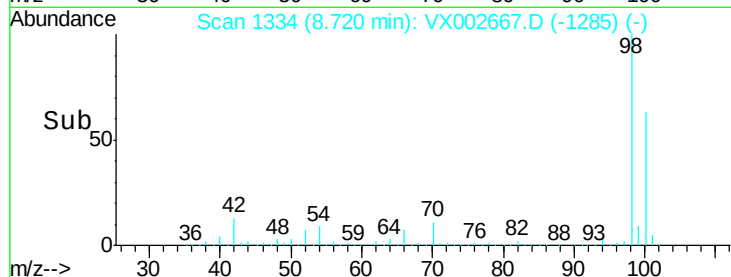
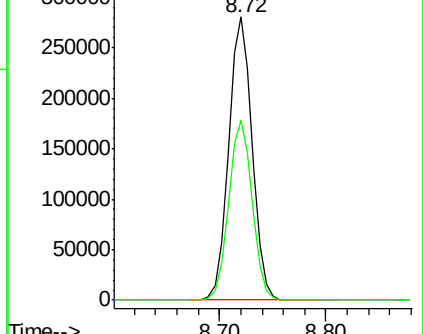
98 100

100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.928 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002667.D

Acq: 17 Jun 2018 00:17

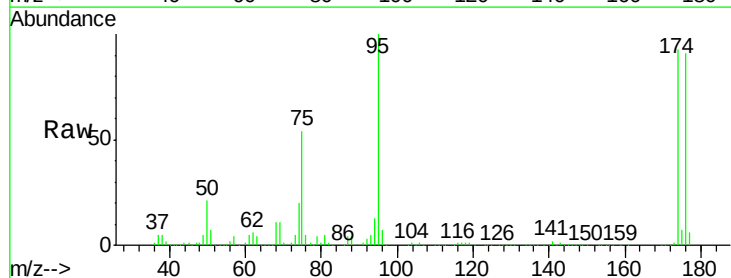
Tgt Ion: 95 Resp: 149892

Ion Ratio Lower Upper

95 100

174 96.7 0.0 187.4

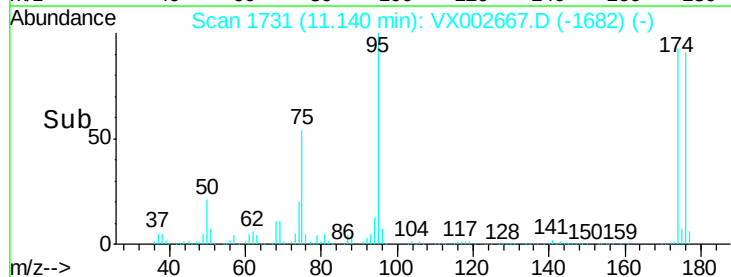
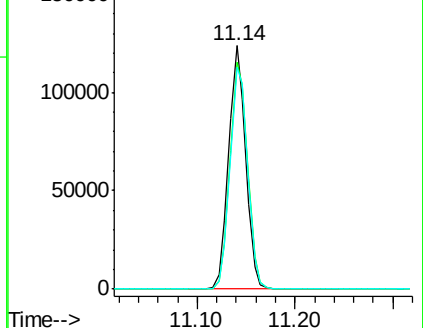
176 94.3 0.0 181.0

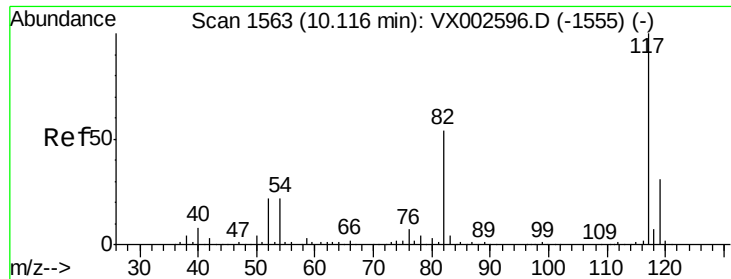


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

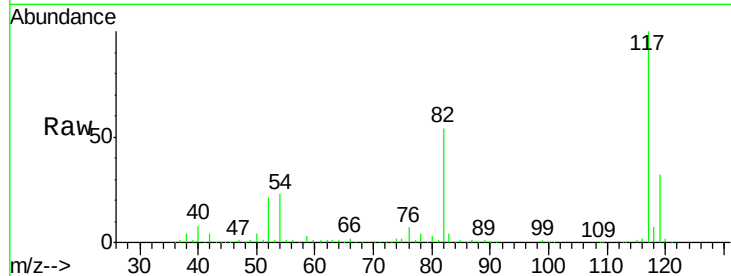




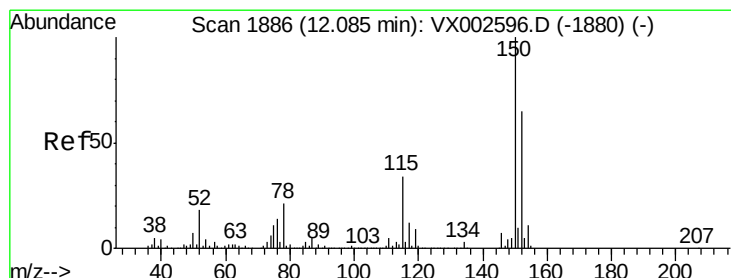
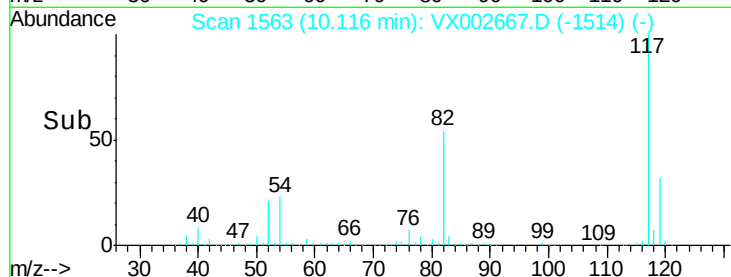
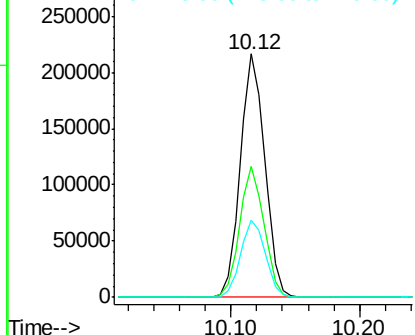
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002667.D
Acq: 17 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-16-10.5-061318

Tot Ion:117 Resp: 284582
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 31.9 25.8 38.6

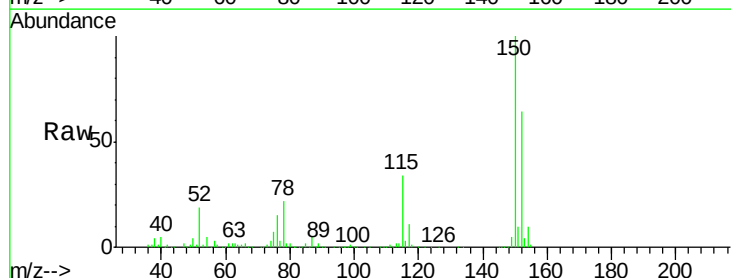


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

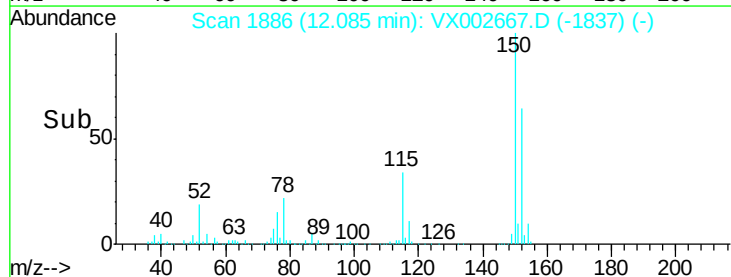
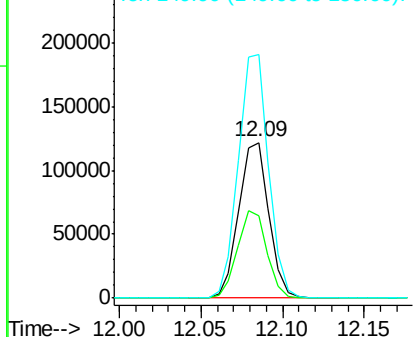


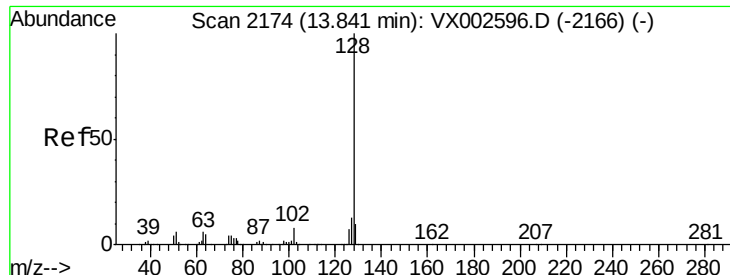
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002667.D
Acq: 17 Jun 2018 00:17

Tgt Ion:152 Resp: 157200
Ion Ratio Lower Upper
152 100
115 55.0 40.1 120.2
150 157.6 0.0 347.2



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





#95

Naphthalene

Concen: 0.856 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002667.D

Acq: 17 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-16-10.5-061318

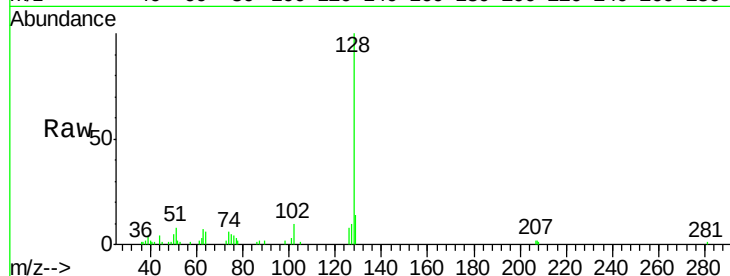
Tot Ion:128 Resp: 9037

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 12.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

