

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070218\
 Data File : VX003131.D
 Acq On : 02 Jul 2018 17:04
 Operator : JC/MD
 Sample : J3772-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414

Quant Time: Jul 03 11:11:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

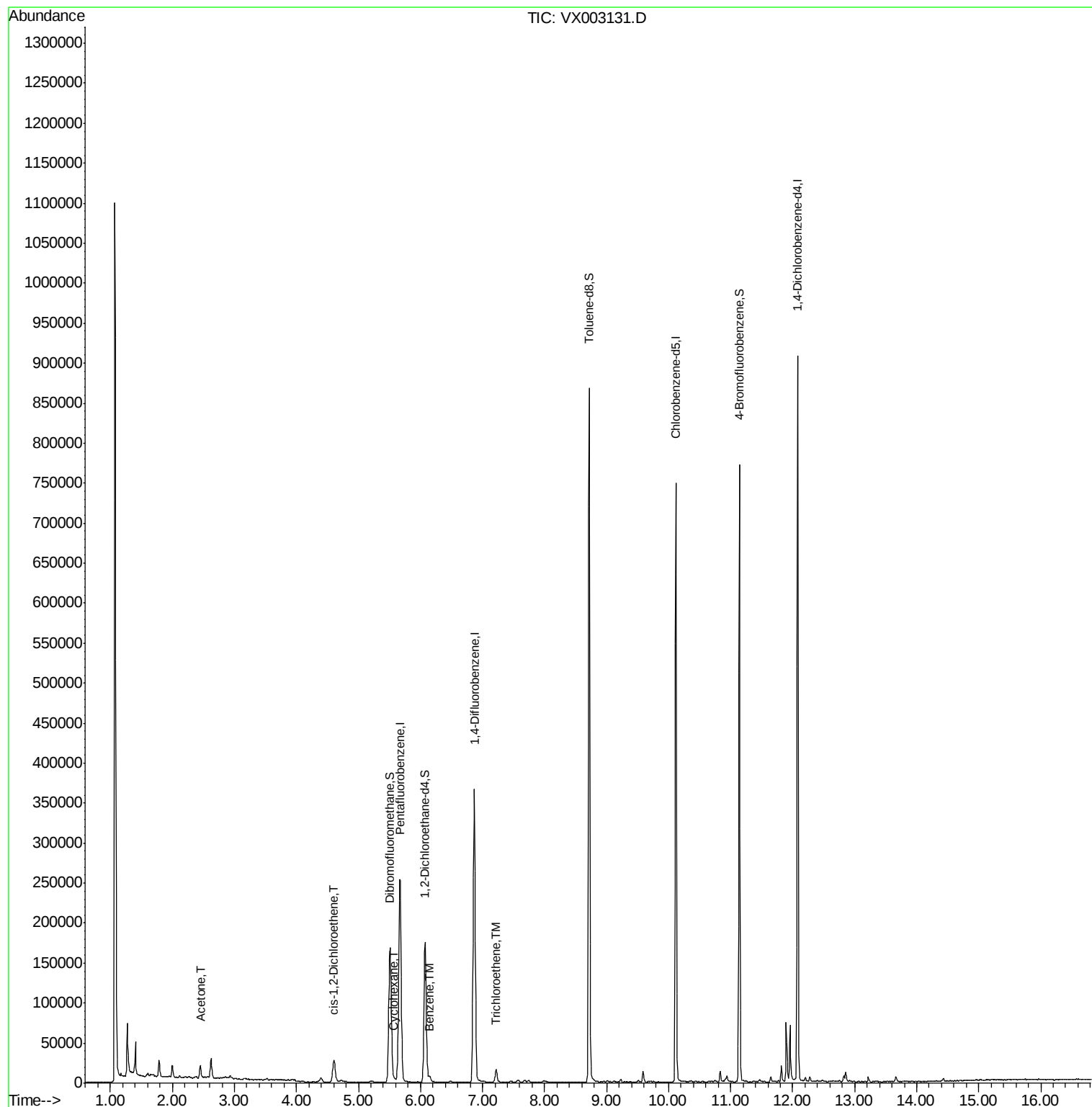
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196675	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	168336	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
35) Dibromofluoromethane	5.51	113	140329	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	8.72	98	502262	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.14	95	178947	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	
Target Compounds						
16) Acetone	2.45	43	16916	11.32	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	16943	5.39	ug/l	93
31) Cyclohexane	5.57	56	3052	0.67	ug/l	96
40) Benzene	6.15	78	7642	0.66	ug/l	100
44) Trichloroethene	7.21	130	6557	1.90	ug/l	89

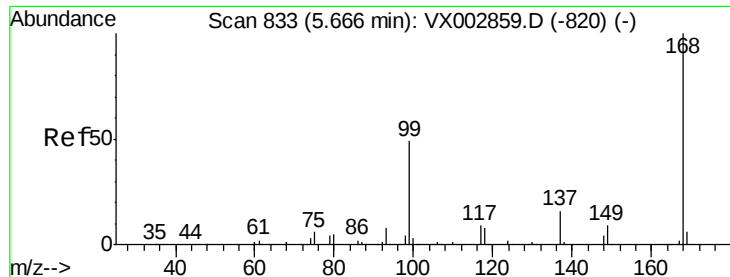
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070218\
Data File : VX003131.D
Acq On : 02 Jul 2018 17:04
Operator : JC/MD
Sample : J3772-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SP18-MMW-3414

Quant Time: Jul 03 11:11:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003131.D

Acq: 02 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

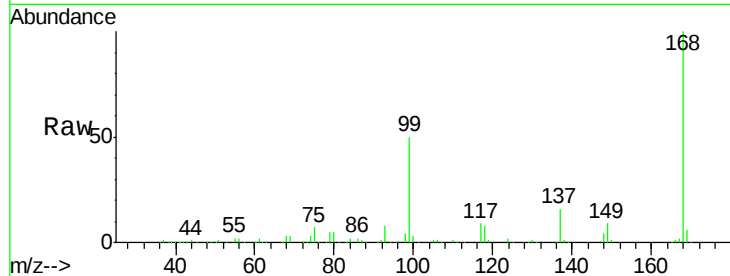
SP18-MMW-3414

Tot Ion:168 Resp: 260999

Ion Ratio Lower Upper

168 100

99 50.5 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

100000

80000

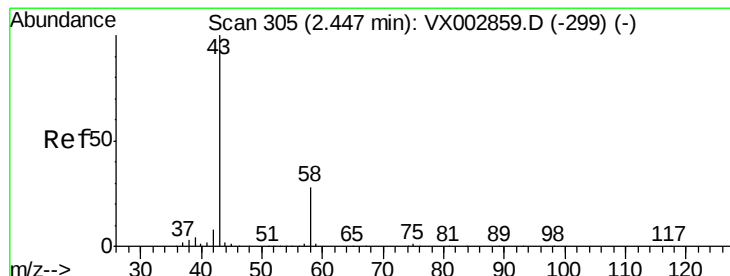
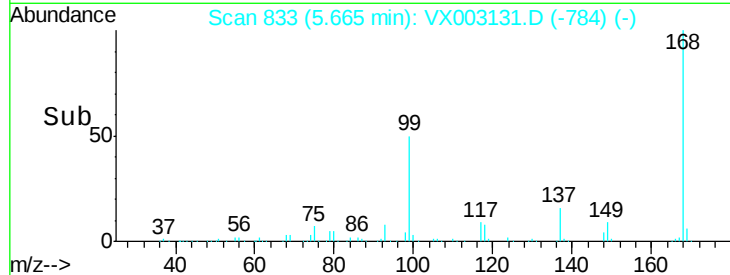
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 11.32 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003131.D

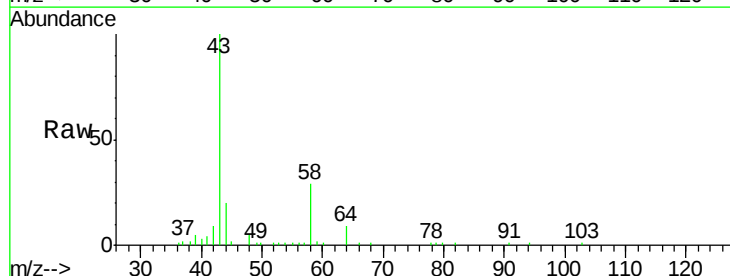
Acq: 02 Jul 2018 17:04

Tgt Ion: 43 Resp: 16916

Ion Ratio Lower Upper

43 100

58 29.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

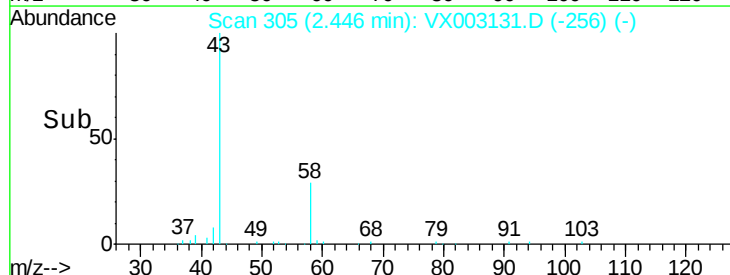
6000

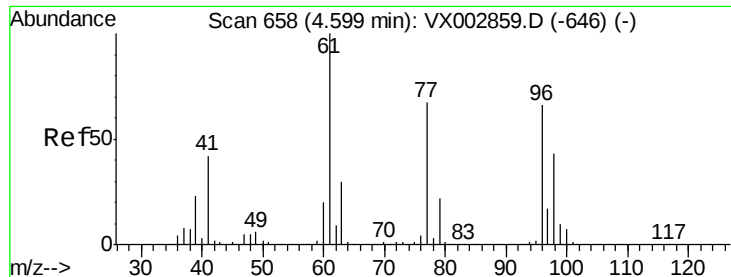
4000

2000

0

Time--> 2.40 2.45 2.50





#27

cis-1,2-Dichloroethene

Concen: 5.39 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003131.D

Acq: 02 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414

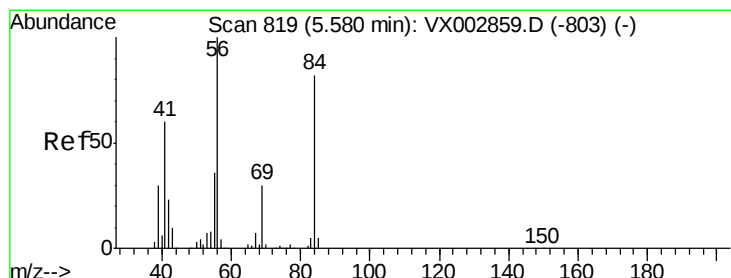
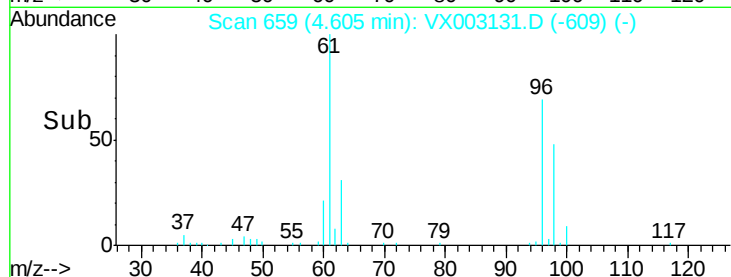
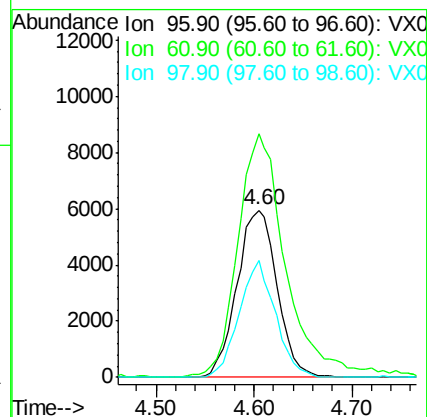
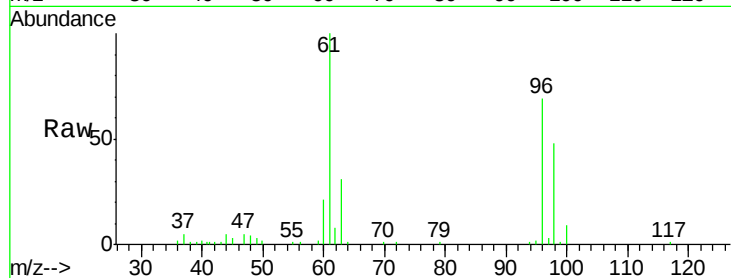
Tot Ion: 96 Resp: 16943

Ion Ratio Lower Upper

96 100

61 176.3 0.0 330.2

98 62.9 0.0 130.2



#31

Cyclohexane

Concen: 0.67 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003131.D

Acq: 02 Jul 2018 17:04

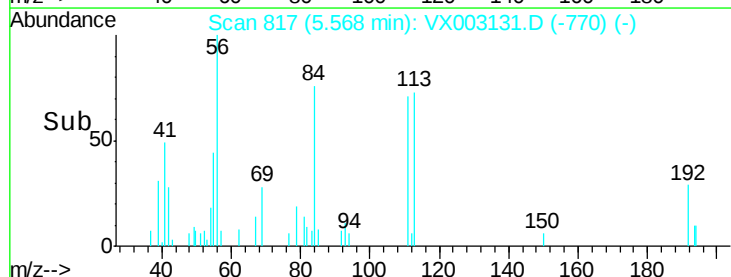
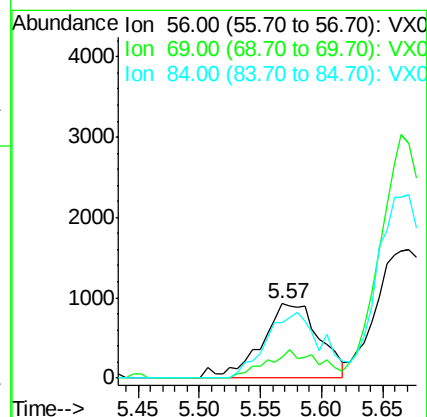
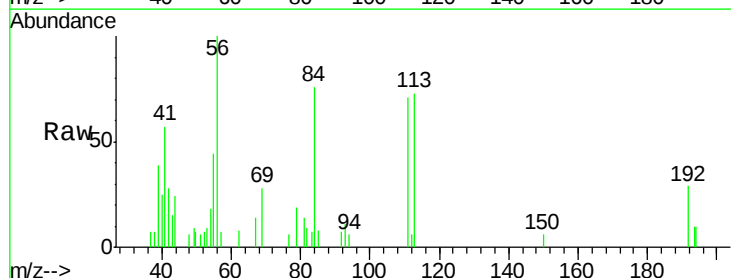
Tgt Ion: 56 Resp: 3052

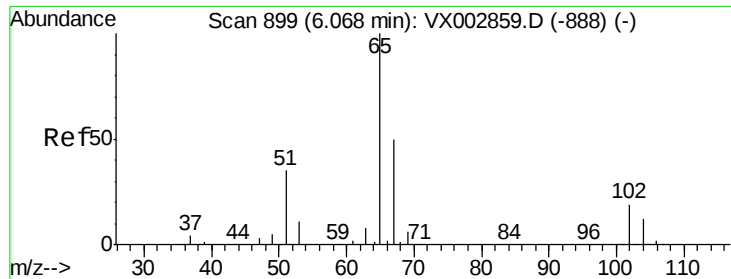
Ion Ratio Lower Upper

56 100

69 28.3 23.7 35.5

84 75.7 64.1 96.1

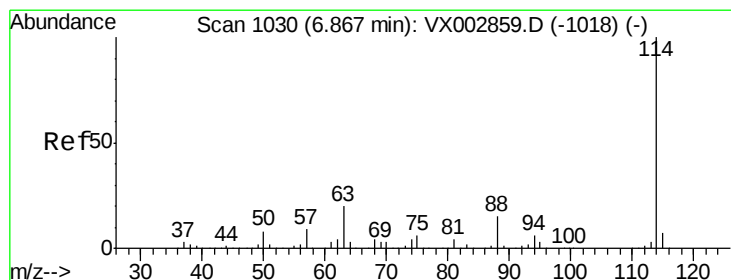
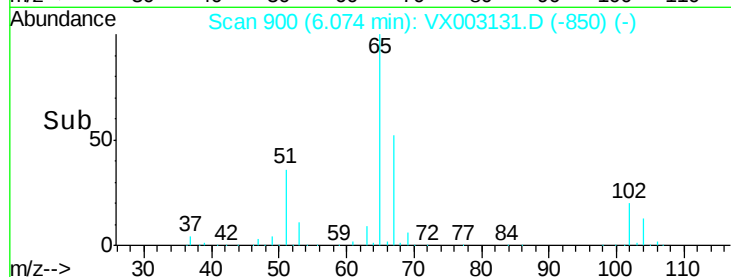
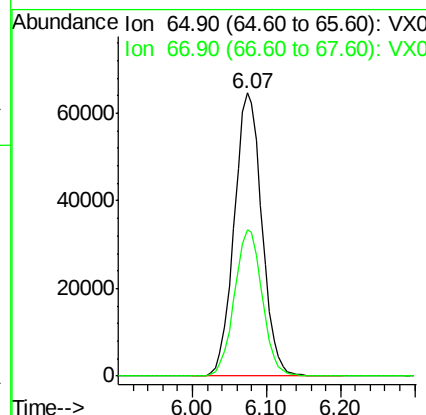
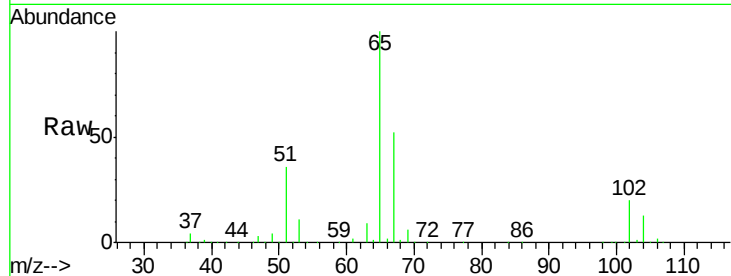




#33
 1,2-Dichloroethane-d4
 Concen: 46.66 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003131.D
 Acq: 02 Jul 2018 17:04

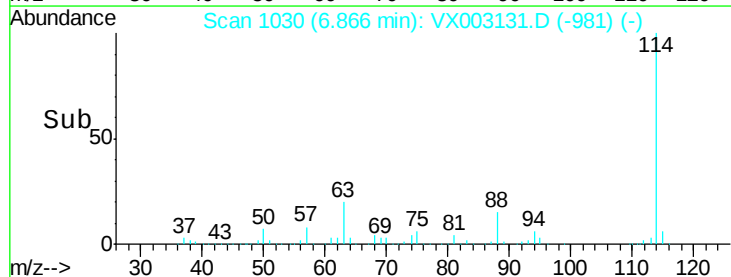
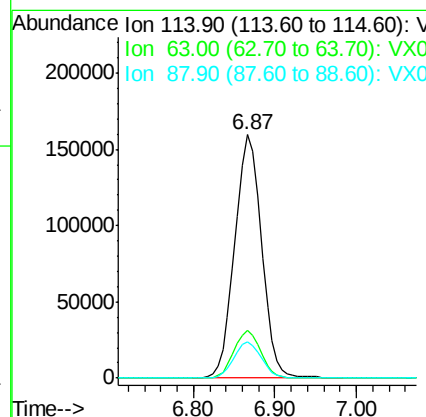
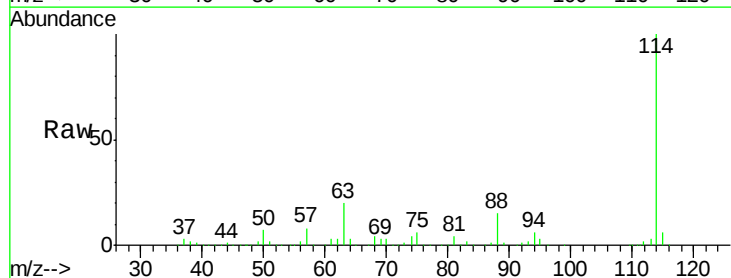
Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414

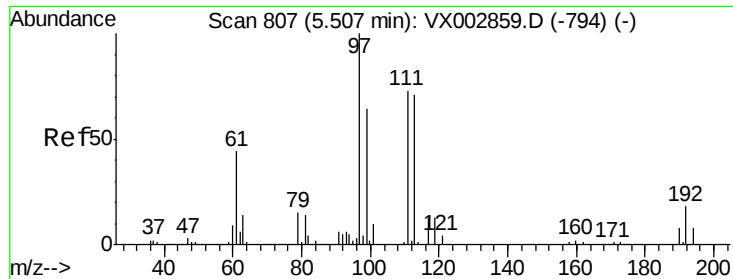
Tot Ion: 65 Resp: 168336
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003131.D
 Acq: 02 Jul 2018 17:04

Tgt Ion: 114 Resp: 363203
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.79 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003131.D

Acq: 02 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414

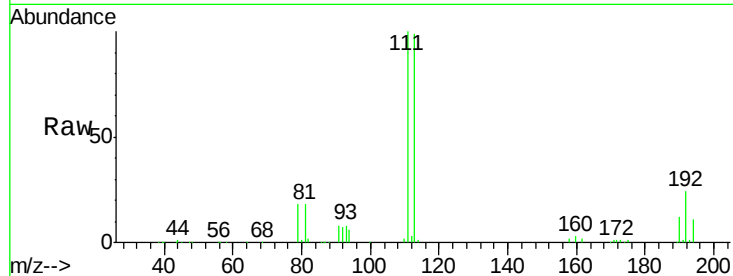
Tot Ion:113 Resp: 140329

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

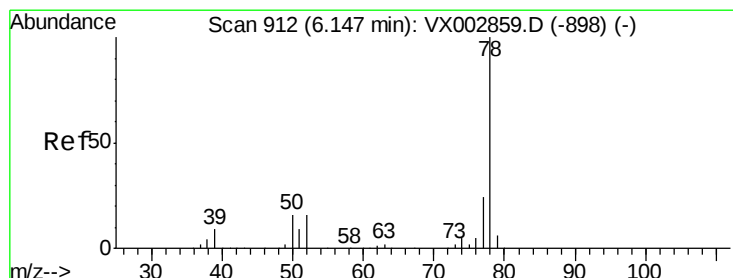
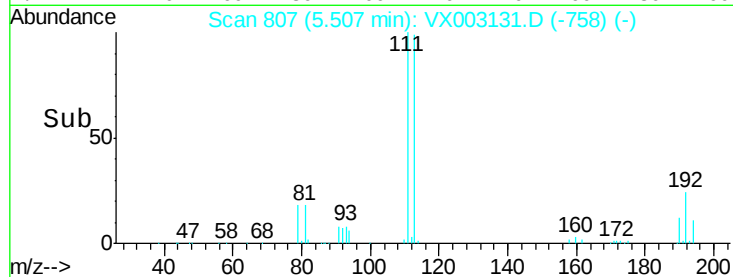
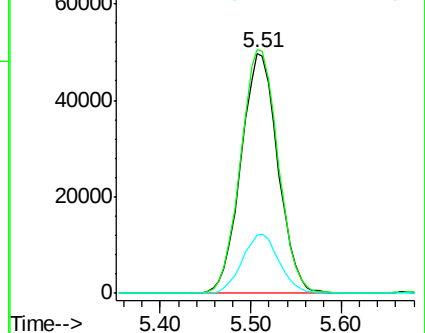
192 24.6 19.1 28.7



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



#40

Benzene

Concen: 0.66 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX003131.D

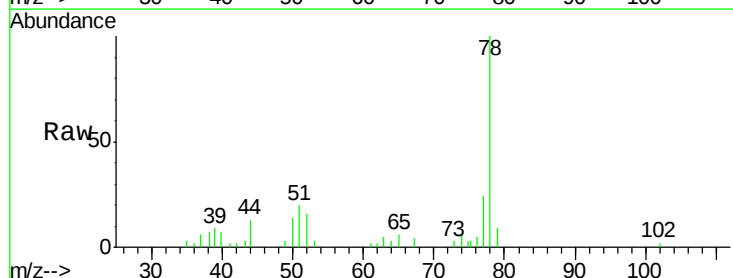
Acq: 02 Jul 2018 17:04

Tgt Ion: 78 Resp: 7642

Ion Ratio Lower Upper

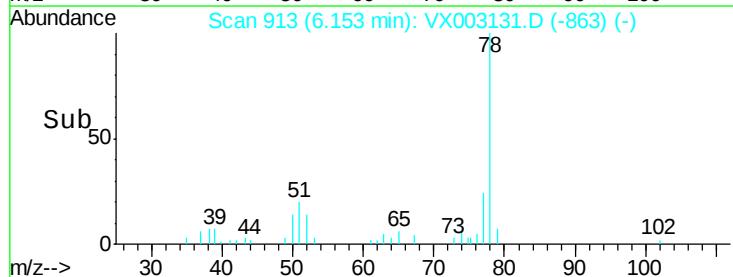
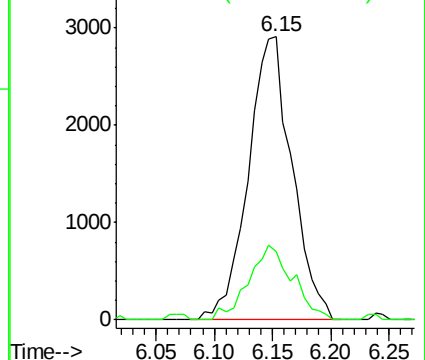
78 100

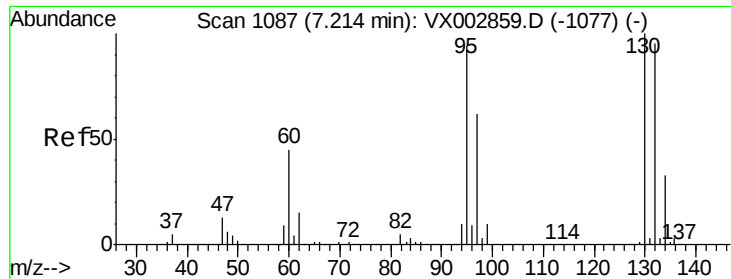
77 24.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#44

Trichloroethene

Concen: 1.90 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003131.D

Acq: 02 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

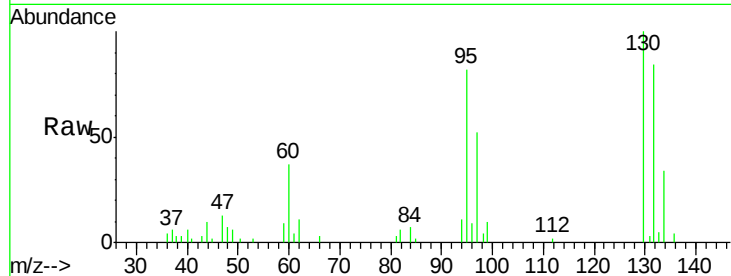
SP18-MMW-3414

Tot Ion:130 Resp: 6557

Ion Ratio Lower Upper

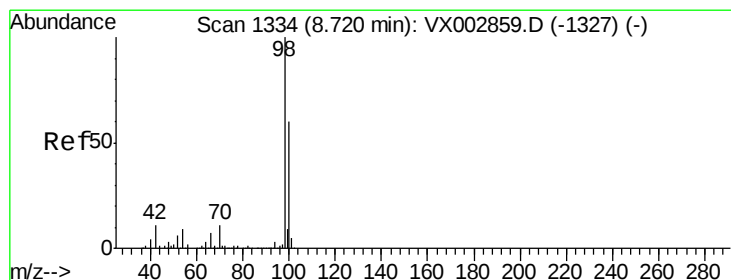
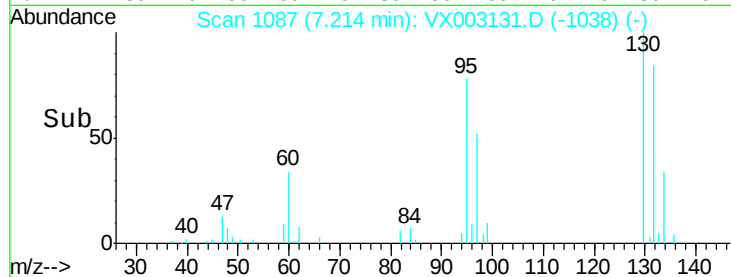
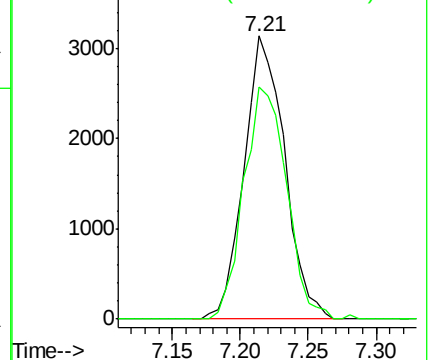
130 100

95 82.0 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.82 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003131.D

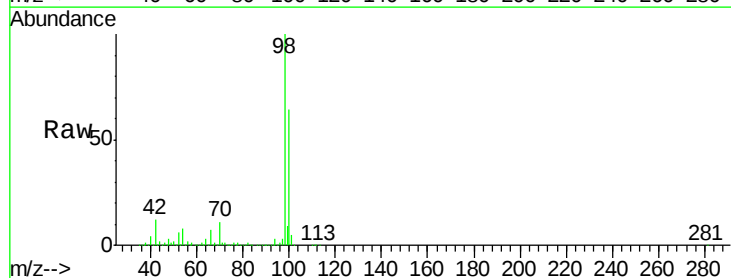
Acq: 02 Jul 2018 17:04

Tgt Ion: 98 Resp: 502262

Ion Ratio Lower Upper

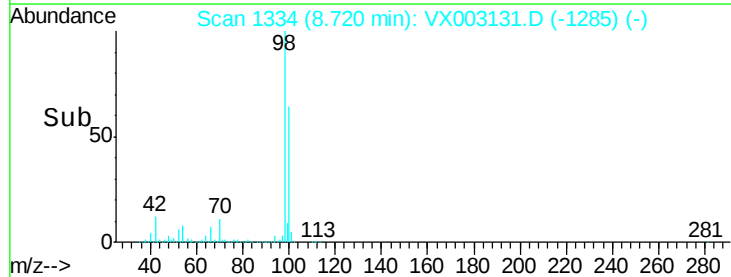
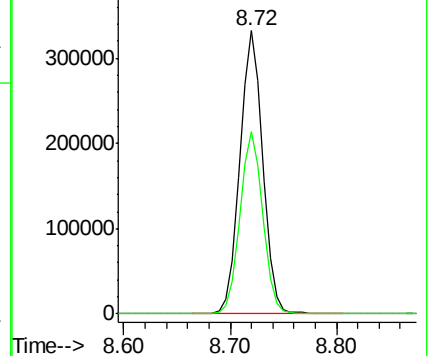
98 100

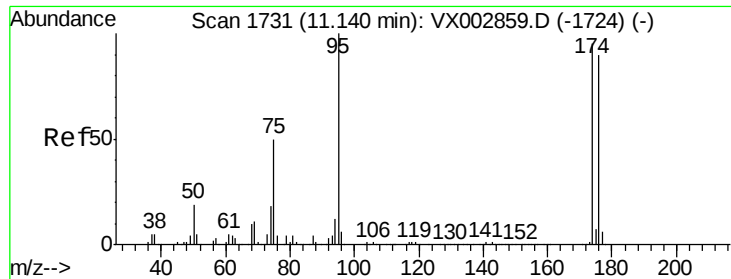
100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.18 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003131.D

Acq: 02 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414

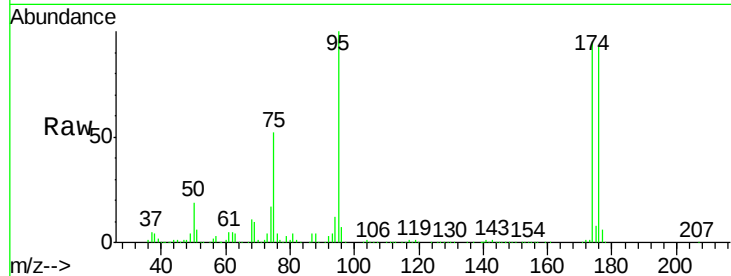
Tot Ion: 95 Resp: 178947

Ion Ratio Lower Upper

95 100

174 98.3 0.0 187.4

176 96.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)

11.14

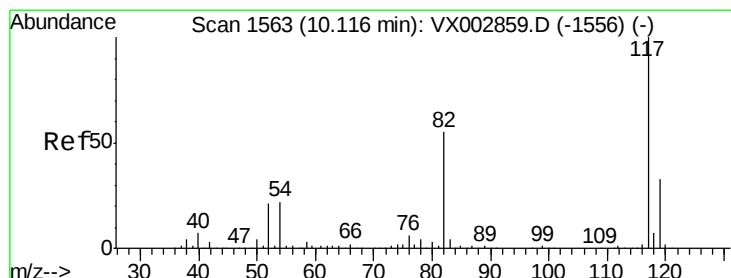
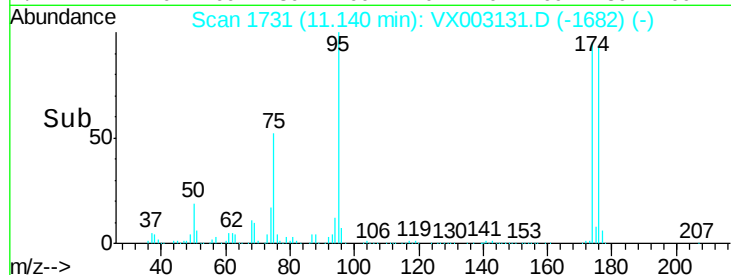
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003131.D

Acq: 02 Jul 2018 17:04

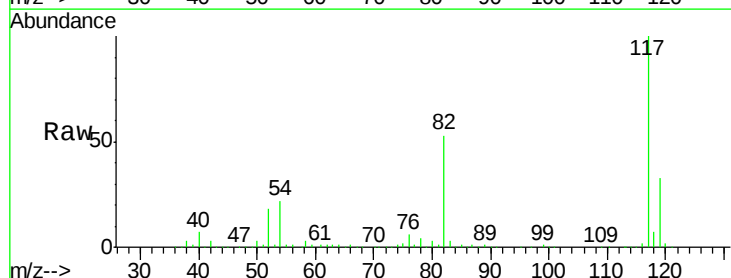
Tgt Ion: 117 Resp: 336980

Ion Ratio Lower Upper

117 100

82 53.4 45.0 67.4

119 32.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)

10.12

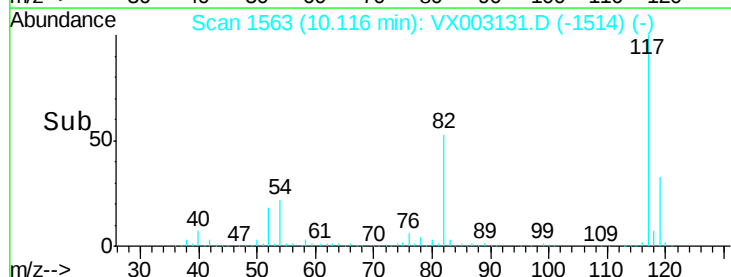
300000

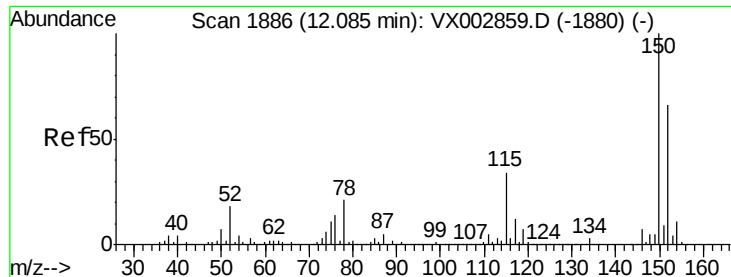
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003131.D

Acq: 02 Jul 2018 17:04

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414

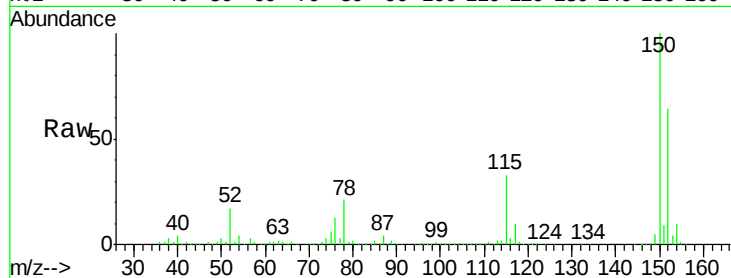
Tot Ion:152 Resp: 196675

Ion Ratio Lower Upper

152 100

115 54.0 40.1 120.2

150 157.2 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

