

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002778.D
 Acq On : 21 Jun 2018 08:17
 Operator : JC/MD
 Sample : PB110408ZHE#17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110408ZHE#17

Quant Time: Jun 21 18:21:36 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	227751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172752	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	158612	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
35) Dibromofluoromethane	5.51	113	125767	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	8.72	98	461908	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
62) 4-Bromofluorobenzene	11.14	95	161612	43.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.28%	

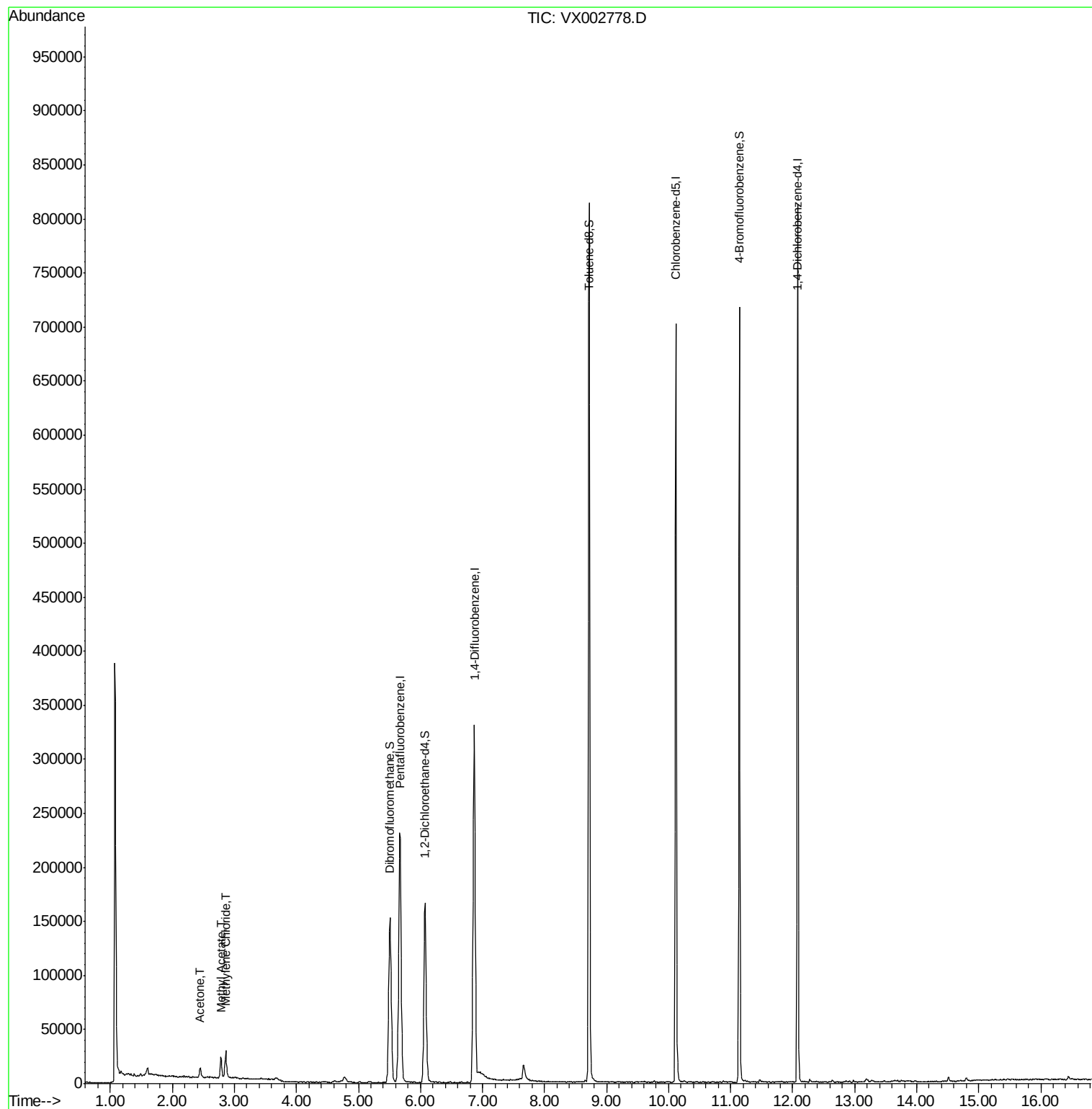
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	11370	7.45	ug/l	96
18) Methyl Acetate	2.78	43	22802	5.61	ug/l	97
20) Methylene Chloride	2.86	84	11221	3.58	ug/l	95

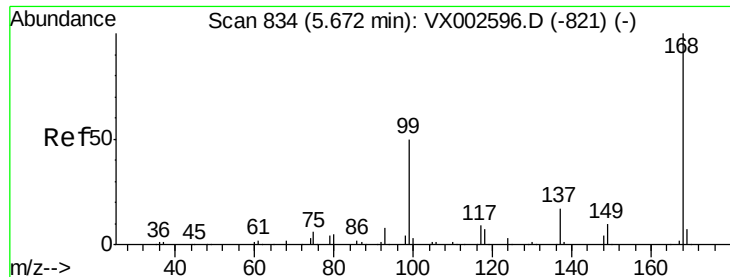
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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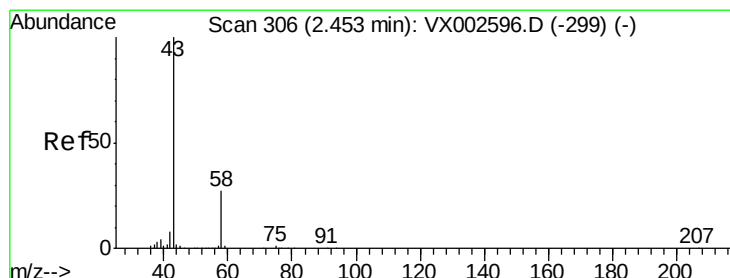
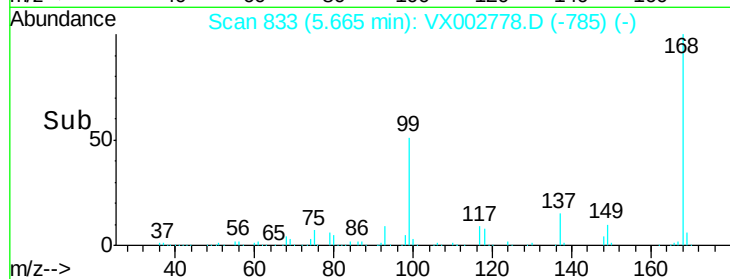
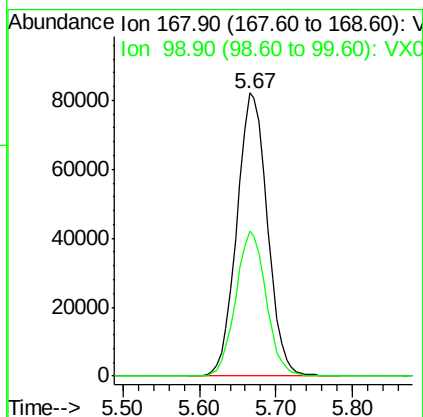
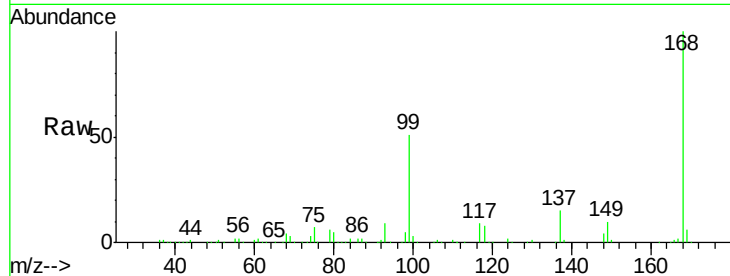




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002778.D
Acq: 21 Jun 2018 08:17

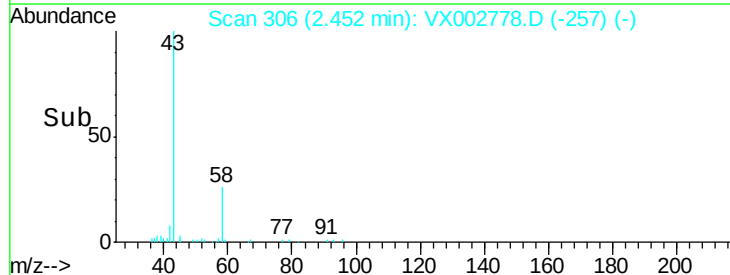
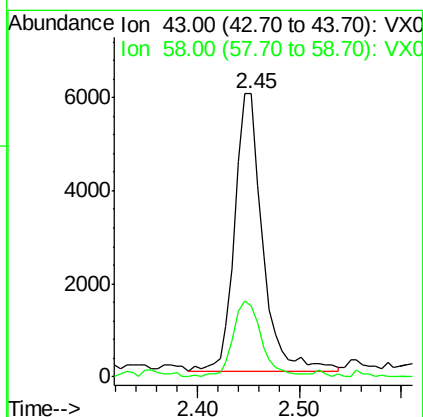
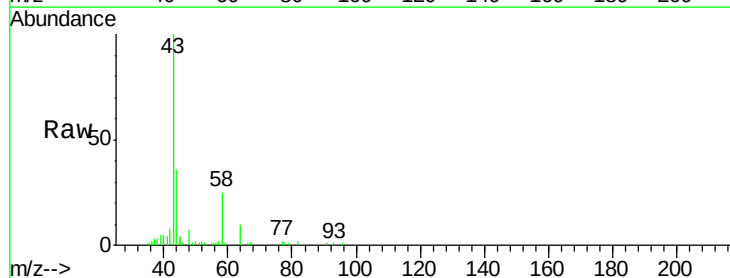
Instrument :
MSVOA_X
ClientSampleId :
PB110408ZHE#17

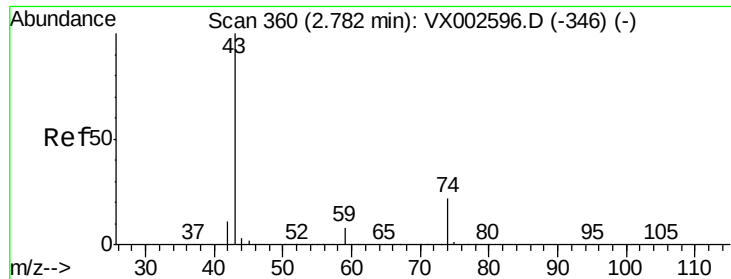
Tot Ion:168 Resp: 227751
Ion Ratio Lower Upper
168 100
99 51.2 39.3 58.9



#16
Acetone
Concen: 7.45 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX002778.D
Acq: 21 Jun 2018 08:17

Tgt Ion: 43 Resp: 11370
Ion Ratio Lower Upper
43 100
58 25.7 22.1 33.1

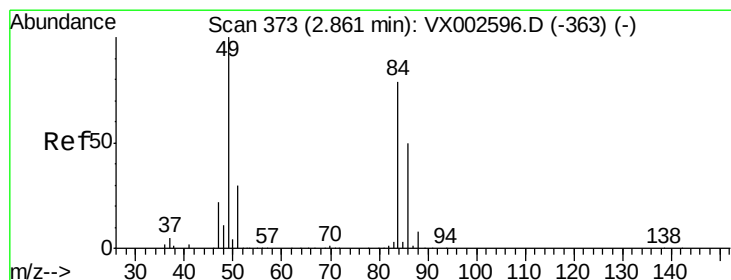
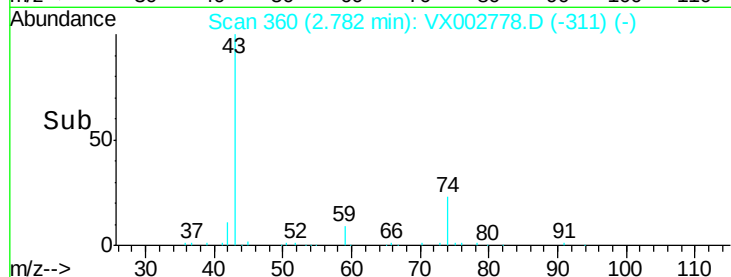
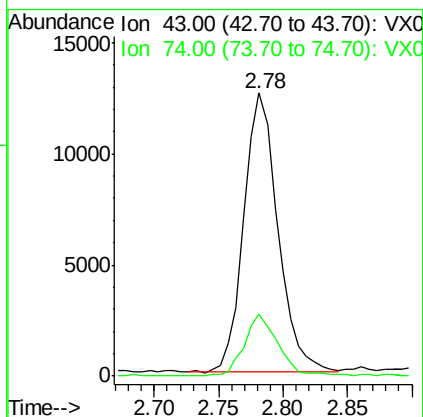
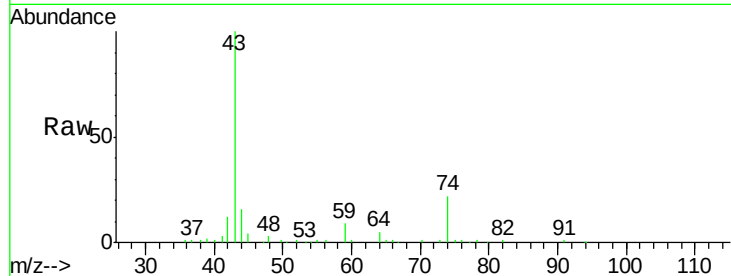




#18
Methvl Acetate
Concen: 5.61 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002778.D
Acq: 21 Jun 2018 08:17

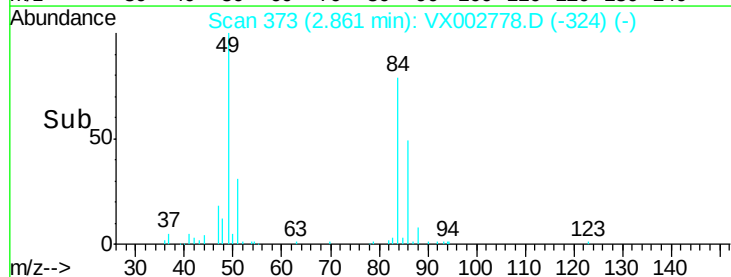
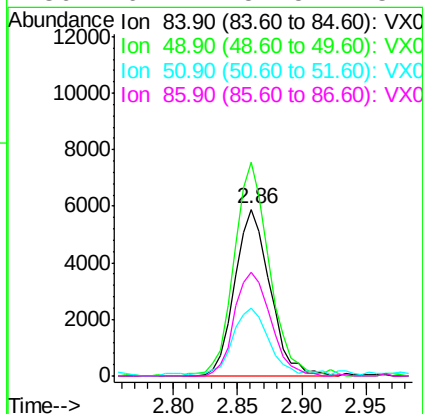
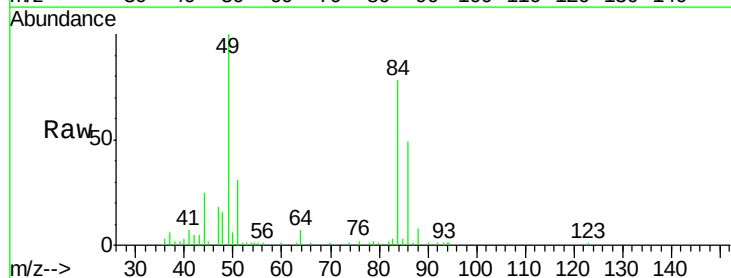
Instrument :
MSVOA_X
ClientSampleId :
PB110408ZHE#17

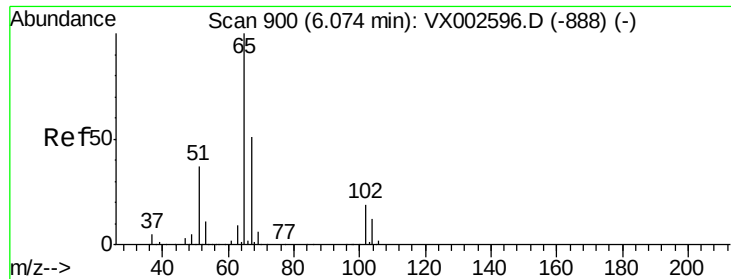
Tot Ion: 43 Resp: 22802
Ion Ratio Lower Upper
43 100
74 22.4 16.7 25.1



#20
Methylene Chloride
Concen: 3.58 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002778.D
Acq: 21 Jun 2018 08:17

Tgt Ion: 84 Resp: 11221
Ion Ratio Lower Upper
84 100
49 127.0 107.8 161.6
51 39.4 32.8 49.2
86 62.4 52.5 78.7

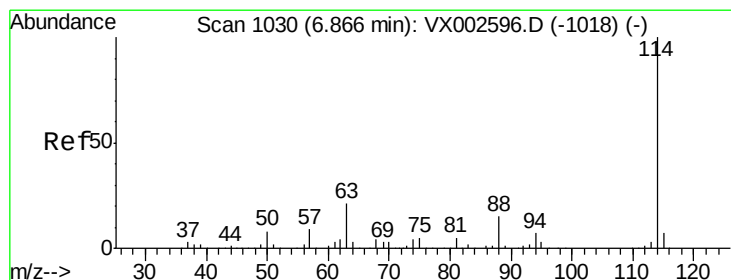
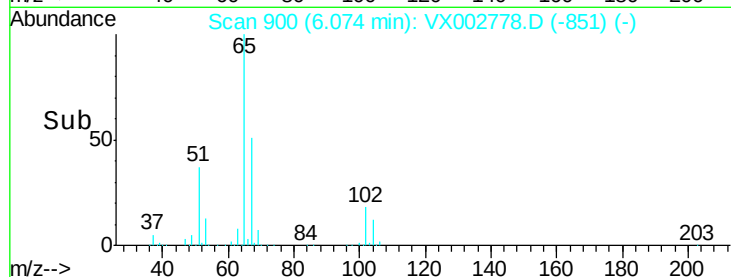
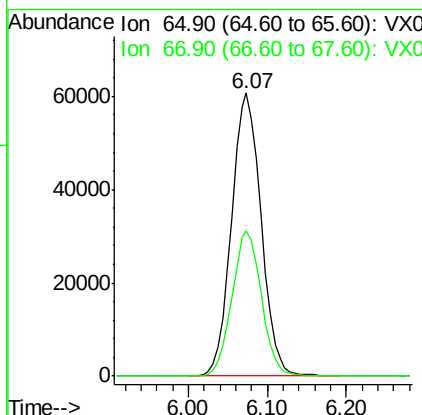
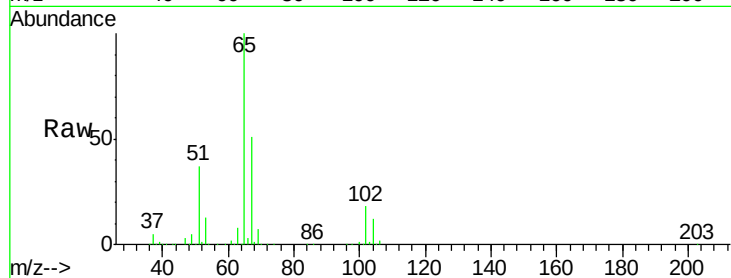




#33
 1,2-Dichloroethane-d4
 Concen: 45.83 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002778.D
 Acq: 21 Jun 2018 08:17

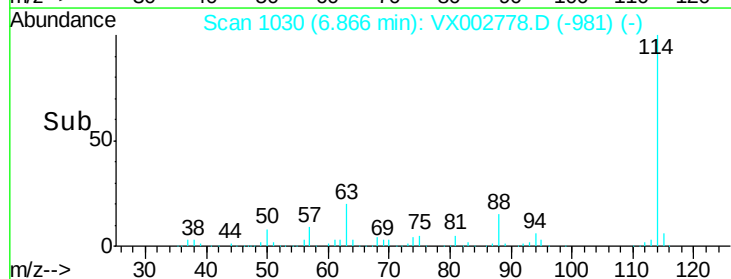
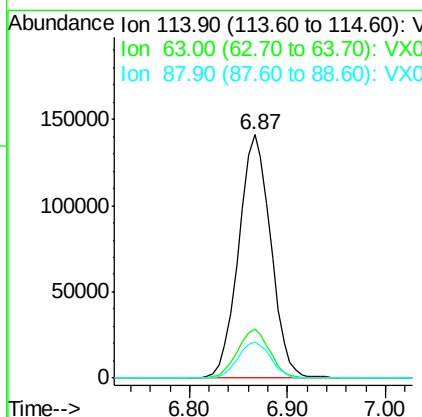
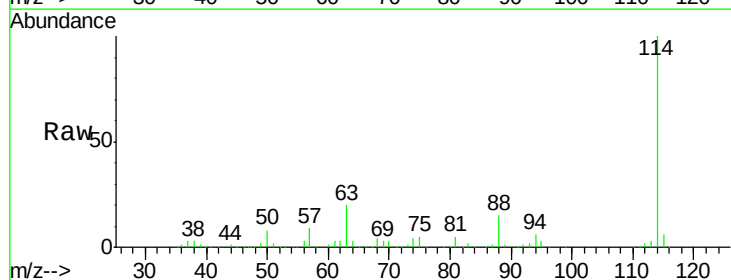
Instrument :
 MSVOA_X
 ClientSampleId :
 PB110408ZHE#17

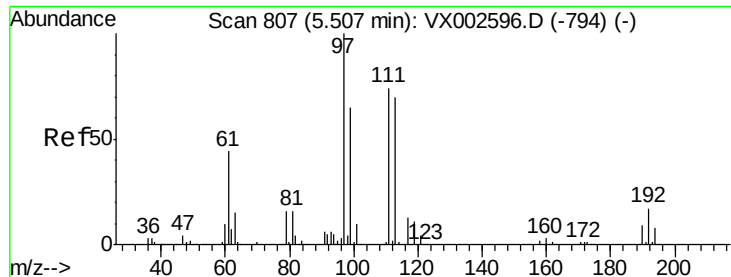
Tot Ion: 65 Resp: 158612
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002778.D
 Acq: 21 Jun 2018 08:17

Tgt Ion: 114 Resp: 322482
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.87 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002778.D

Acq: 21 Jun 2018 08:17

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#17

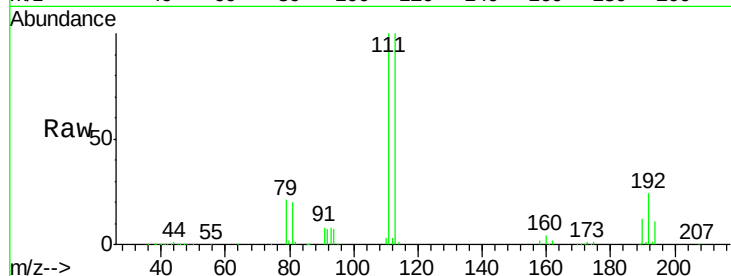
Tot Ion:113 Resp: 125767

Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

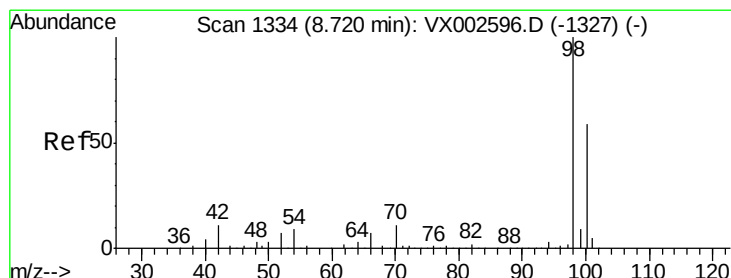
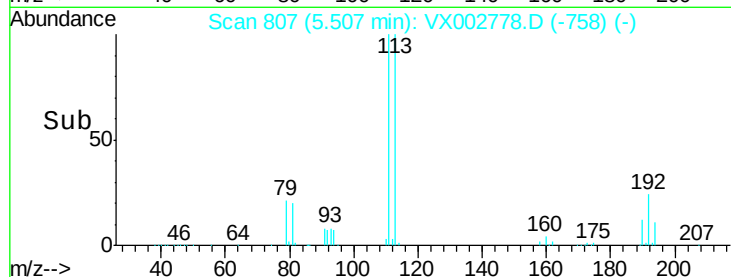
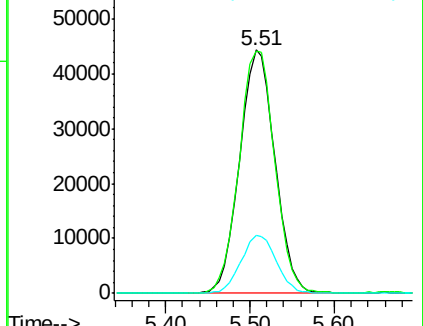
192 23.9 19.1 28.7



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: 47.27 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002778.D

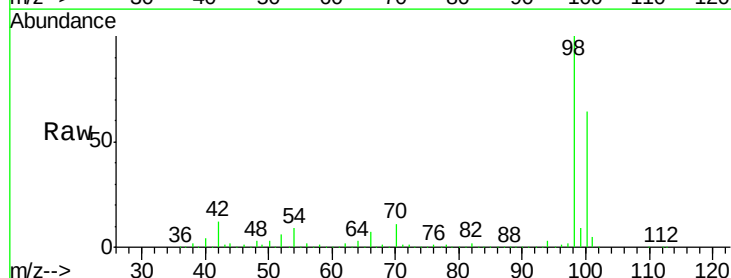
Acq: 21 Jun 2018 08:17

Tgt Ion: 98 Resp: 461908

Ion Ratio Lower Upper

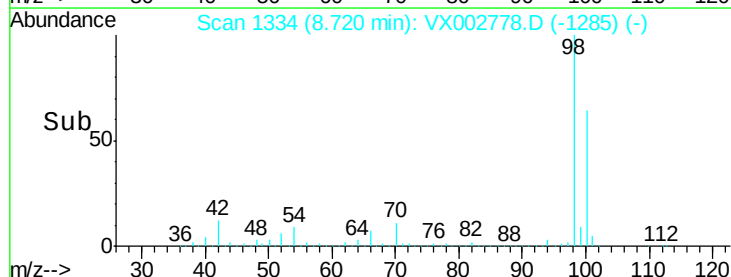
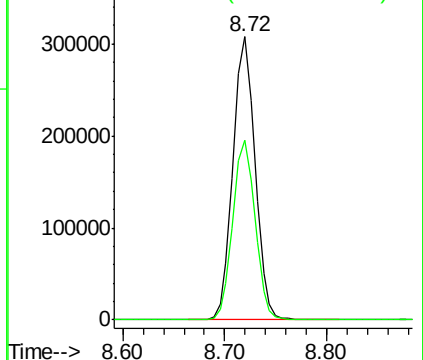
98 100

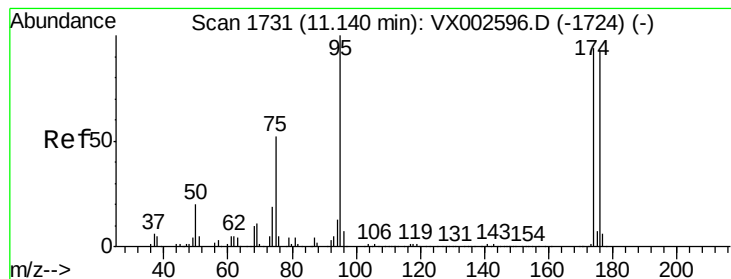
100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002778.D

Acq: 21 Jun 2018 08:17

Instrument :

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ClientSampleId :

PB110408ZHE#17

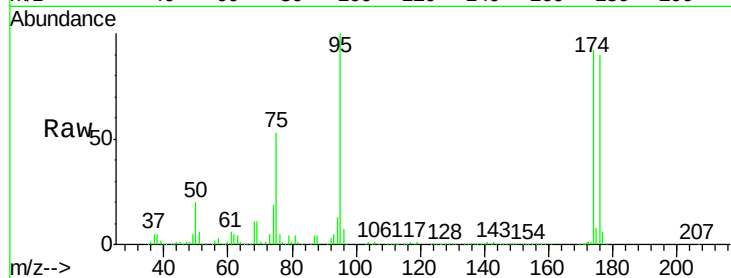
Tot Ion: 95 Resp: 161612

Ion Ratio Lower Upper

95 100

174 97.5 0.0 187.4

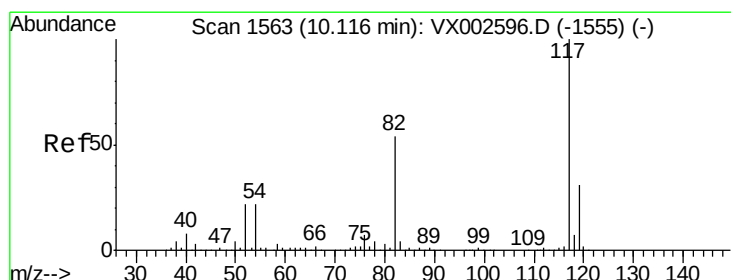
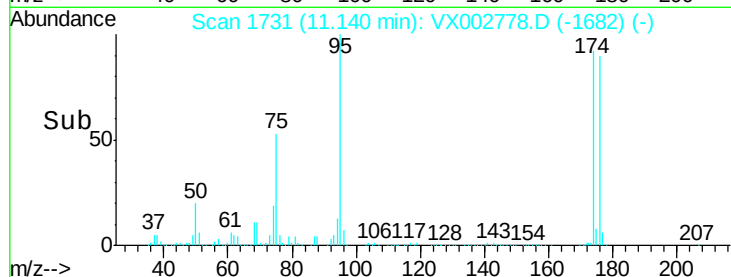
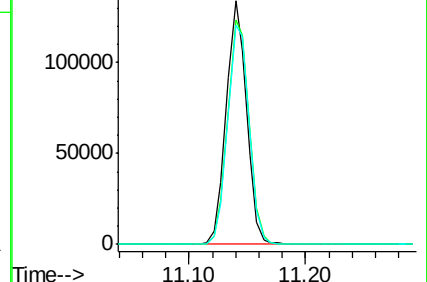
176 95.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002596.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002596.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002596.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002778.D

Acq: 21 Jun 2018 08:17

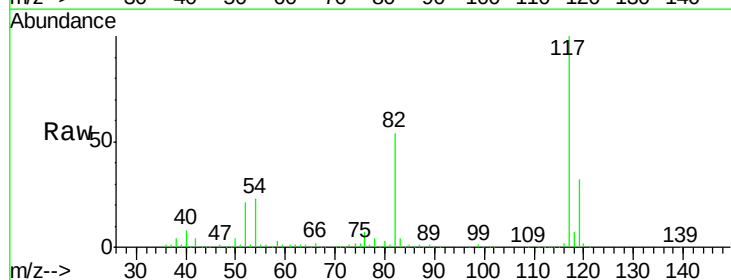
Tgt Ion: 117 Resp: 303119

Ion Ratio Lower Upper

117 100

82 54.1 45.0 67.4

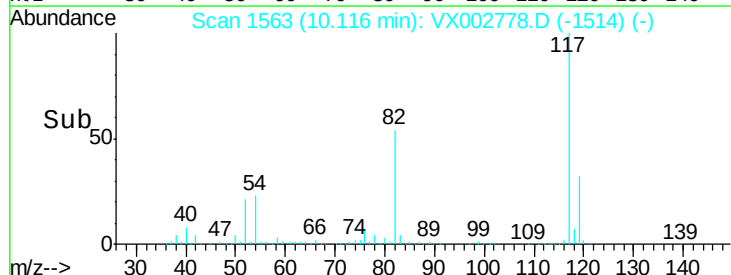
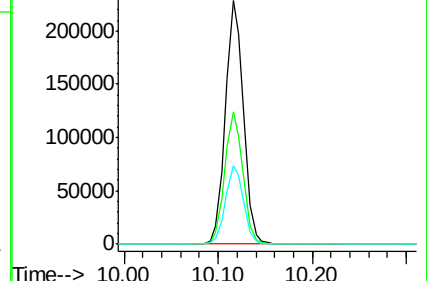
119 32.1 25.8 38.6

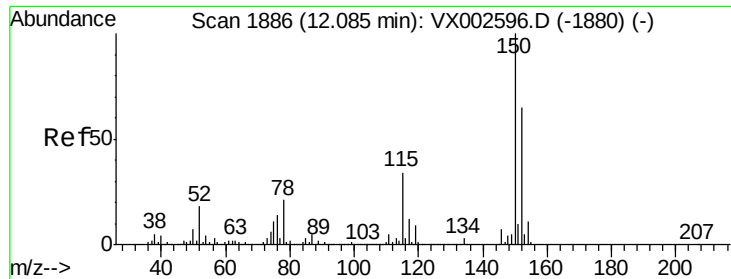


Abundance Ion 116.90 (116.60 to 117.60): VX002596.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002596.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002596.D (-1555) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002778.D

Acq: 21 Jun 2018 08:17

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#17

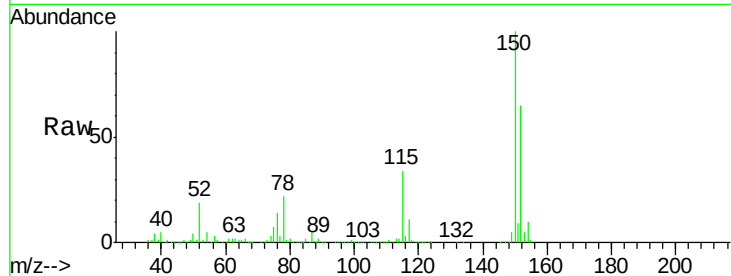
Tot Ion:152 Resp: 172752

Ion Ratio Lower Upper

152 100

115 54.6 40.1 120.2

150 155.9 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

