

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002919.D
 Acq On : 27 Jun 2018 02:49
 Operator : JC/MD
 Sample : J3707-13 50X
 Misc : 5.64g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-23-25-180622

Quant Time: Jun 27 05:08:10 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	245439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	345250	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	177724	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	164761	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
35) Dibromofluoromethane	5.51	113	130490	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
50) Toluene-d8	8.72	98	486222	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.14	95	168629	43.79	ug/l	0.00
Spiked Amount			Recovery	=	87.58%	

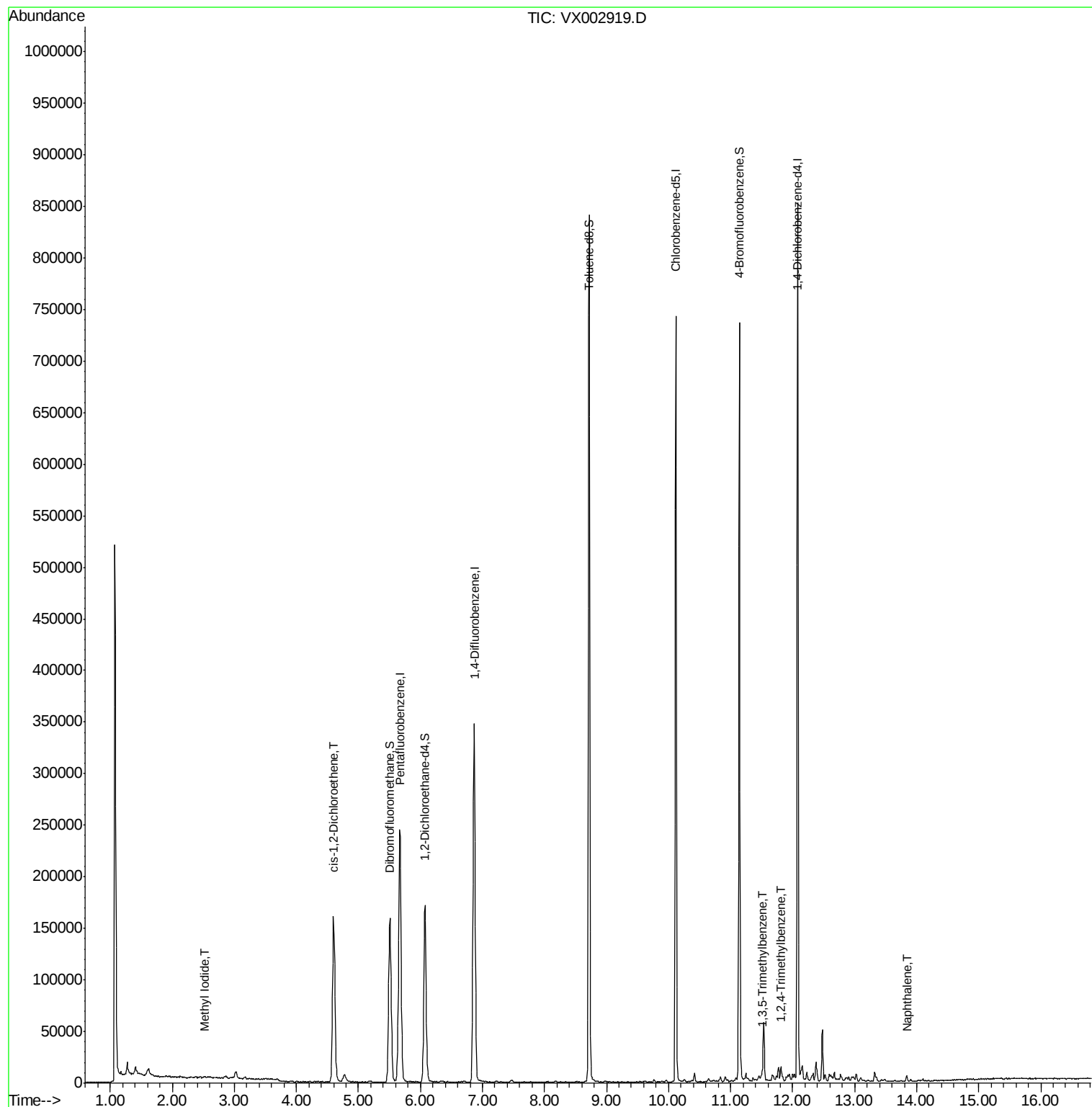
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.53	142	1154	6.59	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	101204	34.24	ug/l	85
80) 1,3,5-Trimethylbenzene	11.51	105	3252	0.32	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	4186	0.40	ug/l	99
95) Naphthalene	13.84	128	3500	0.29	ug/l	96

(#) = 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. -0.00 min

Lab File: VX002919.D

Acq: 27 Jun 2018 02:49

Instrument :

MSVOA_X

ClientSampleId :

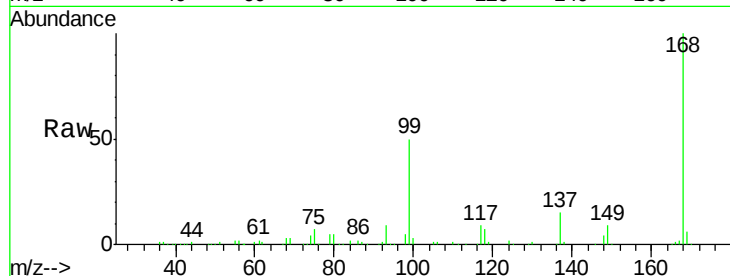
WP021SB480-23-25-180622

Tot Ion:168 Resp: 245439

Ion Ratio Lower Upper

168 100

99 49.5 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

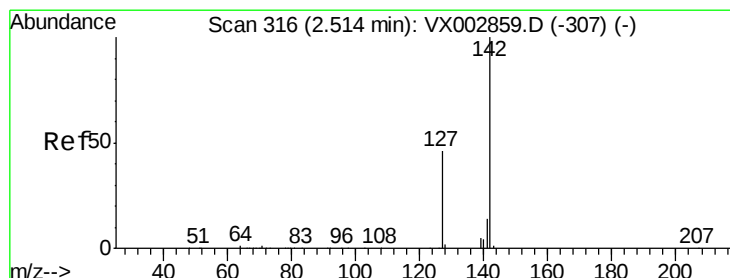
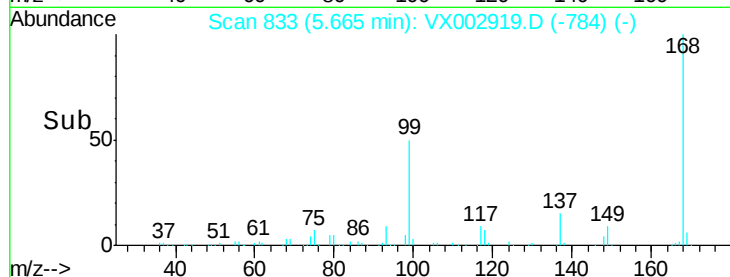
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.59 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002919.D

Acq: 27 Jun 2018 02:49

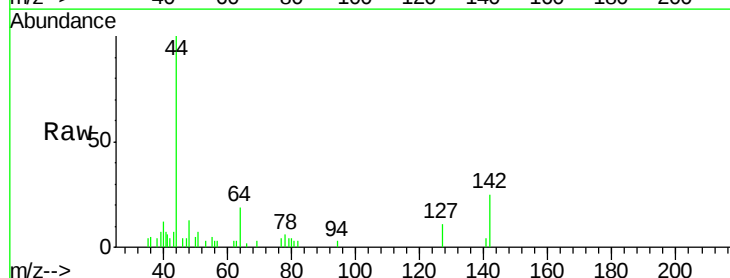
Tgt Ion:142 Resp: 1154

Ion Ratio Lower Upper

142 100

127 53.3 36.6 55.0

141 12.2 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.53

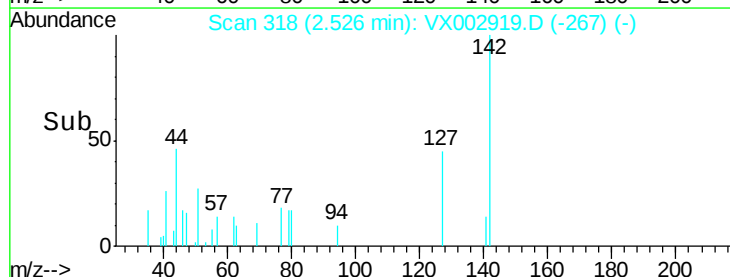
600

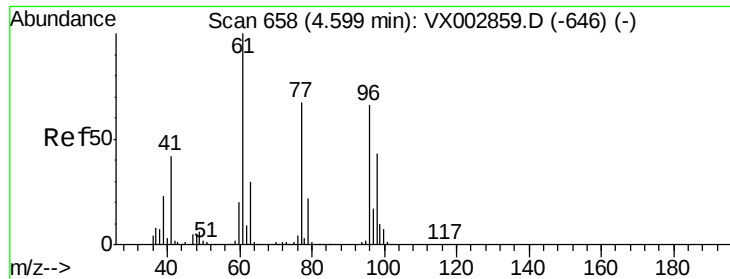
400

200

0

Time--> 2.45 2.50 2.55





#27

cis-1,2-Dichloroethene

Concen: 34.24 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002919.D

Acq: 27 Jun 2018 02:49

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-23-25-180622

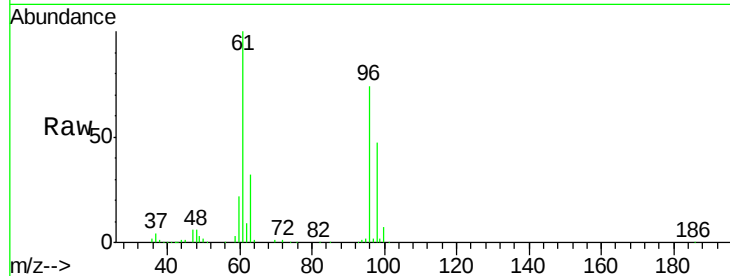
Tot Ion: 96 Resp: 101204

Ion Ratio Lower Upper

96 100

61 138.6 0.0 330.2

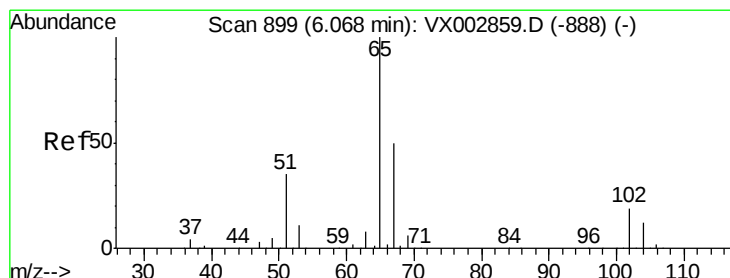
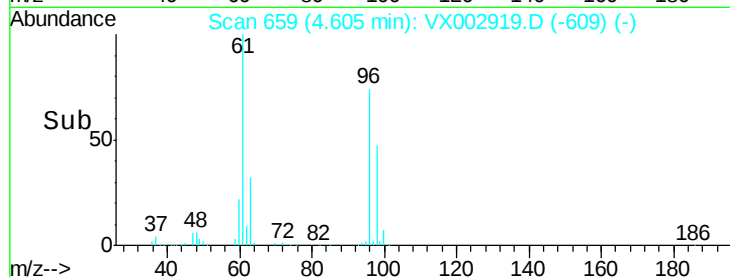
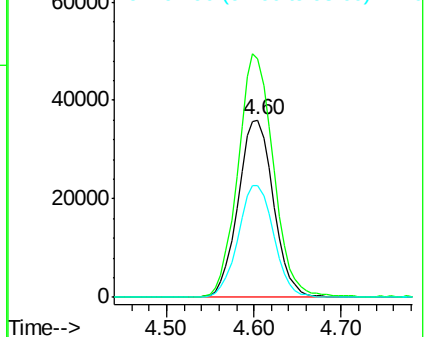
98 63.9 0.0 130.2



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: 48.57 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002919.D

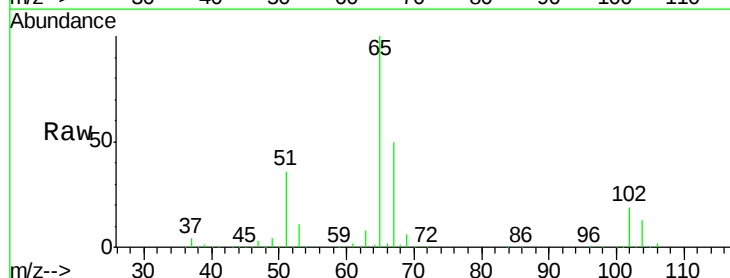
Acq: 27 Jun 2018 02:49

Tgt Ion: 65 Resp: 164761

Ion Ratio Lower Upper

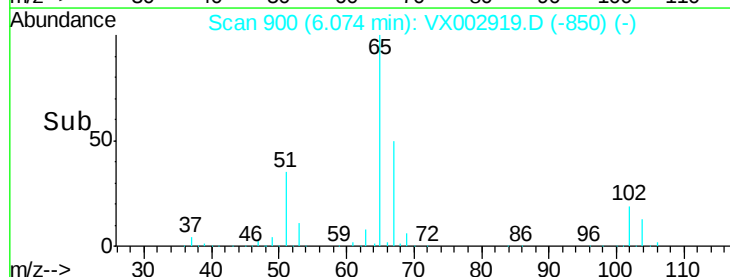
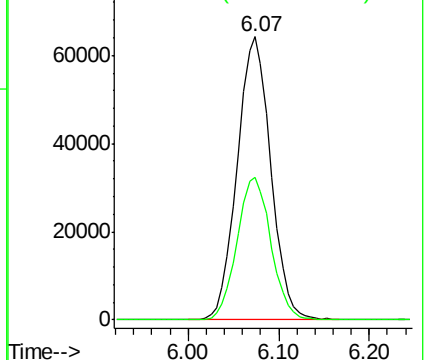
65 100

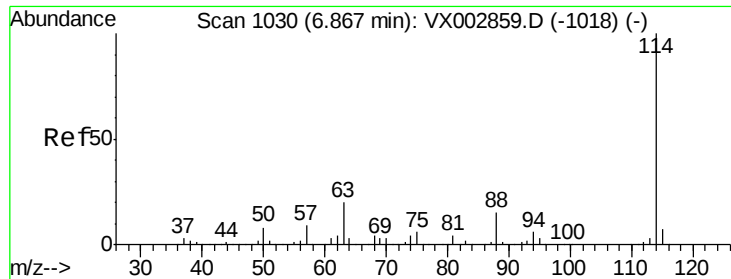
67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

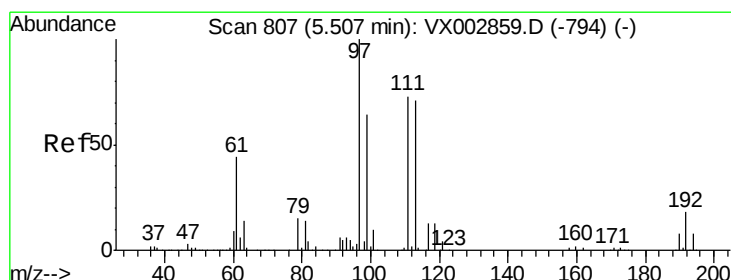
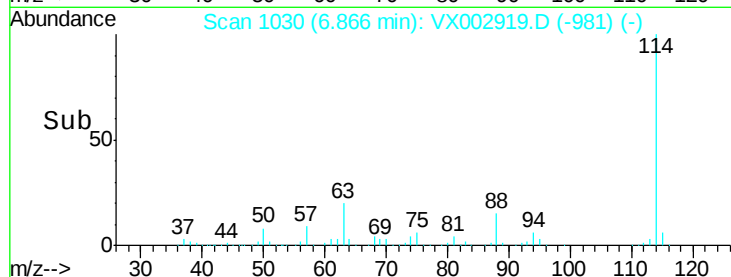
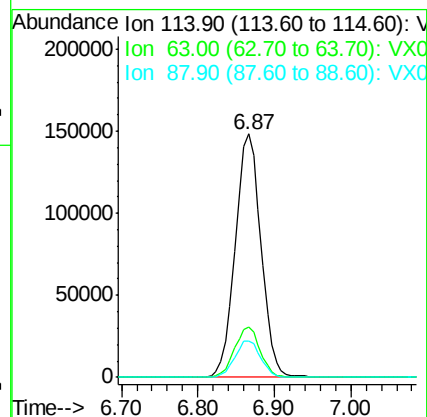
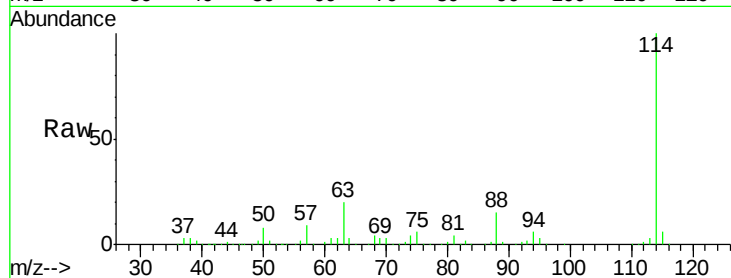




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002919.D
 Acq: 27 Jun 2018 02:49

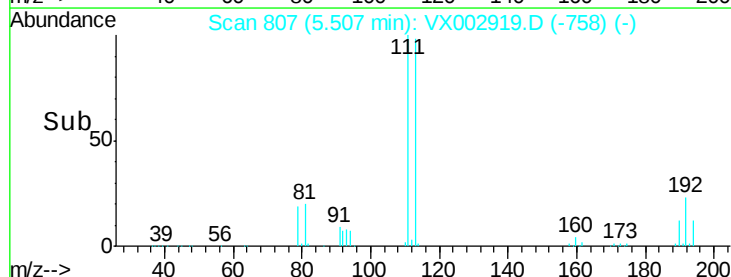
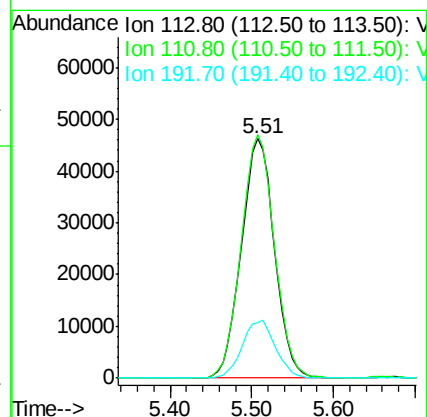
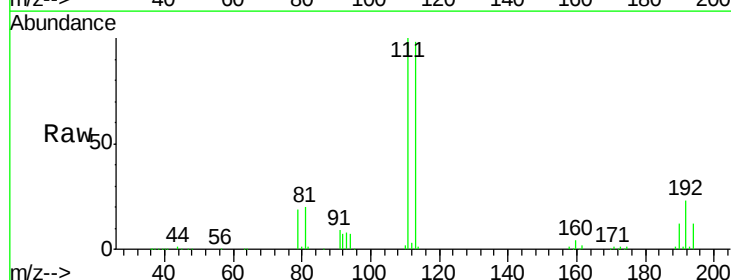
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-23-25-180622

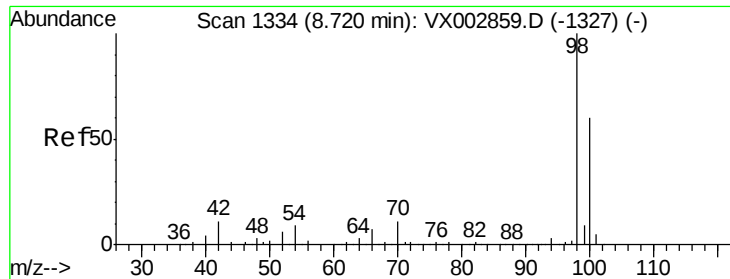
Tot Ion:114 Resp: 345250
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.0 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 47.73 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002919.D
 Acq: 27 Jun 2018 02:49

Tgt Ion:113 Resp: 130490
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 24.2 19.1 28.7





#50

Toluene-d8

Concen: 48.70 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002919.D

Acq: 27 Jun 2018 02:49

Instrument :

MSVOA_X

ClientSampleId :

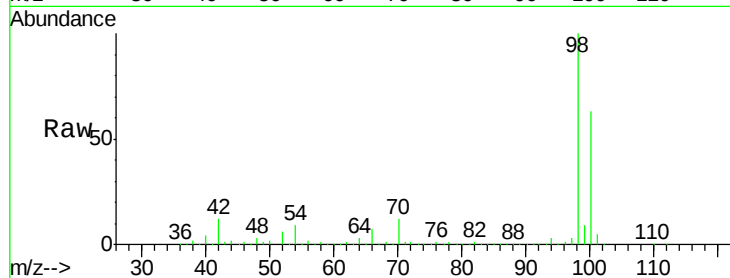
WP021SB480-23-25-180622

Tot Ion: 98 Resp: 486222

Ion Ratio Lower Upper

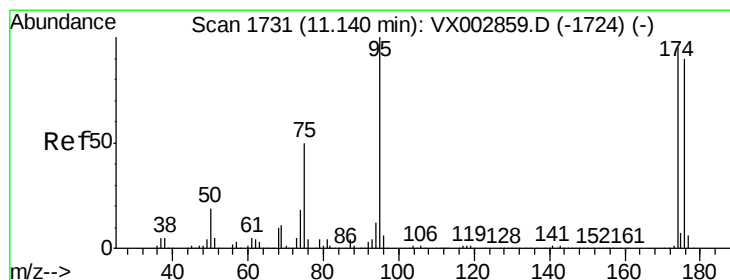
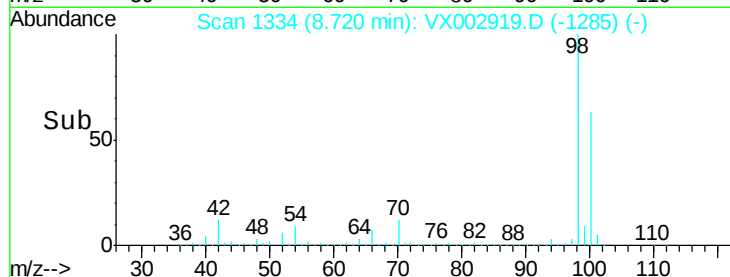
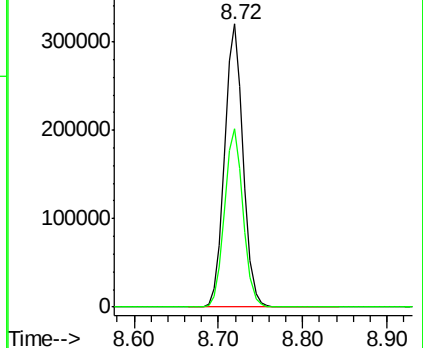
98 100

100 63.0 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: 43.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002919.D

Acq: 27 Jun 2018 02:49

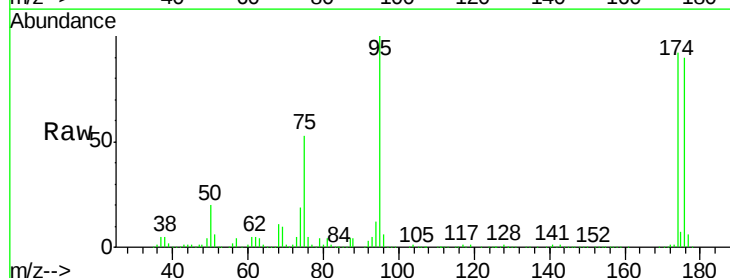
Tgt Ion: 95 Resp: 168629

Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.4

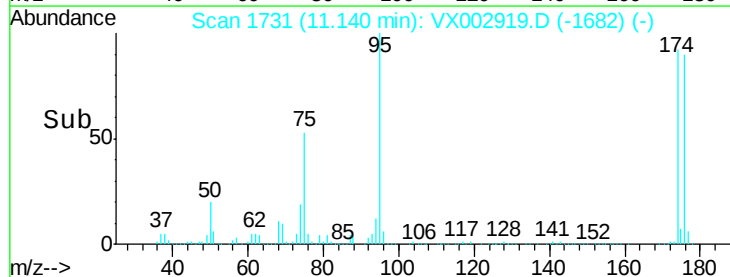
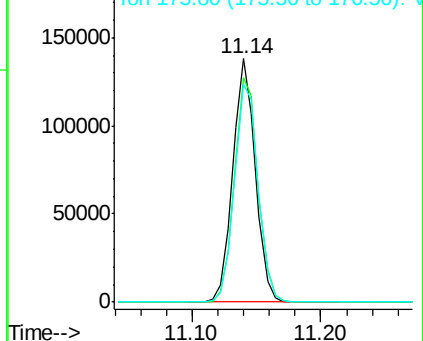
176 94.1 0.0 181.0

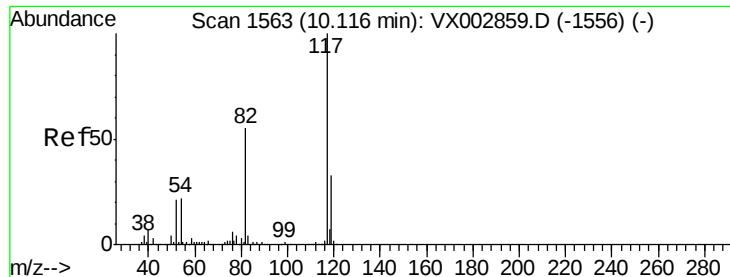


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

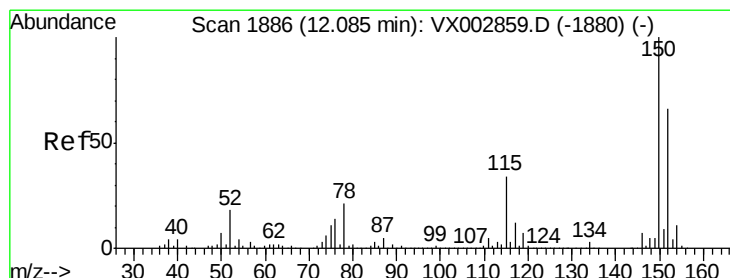
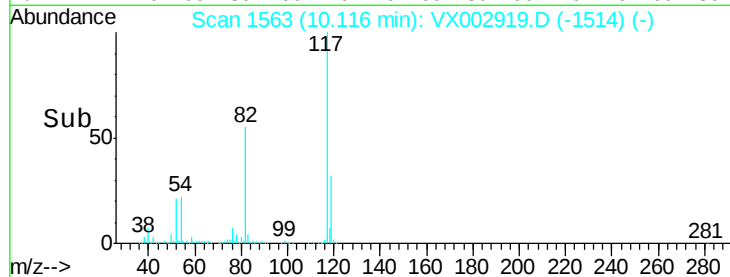
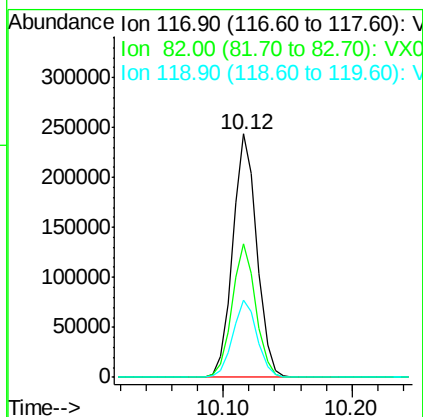
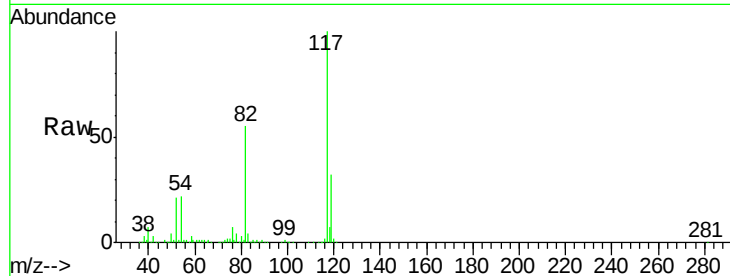




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002919.D
Acq: 27 Jun 2018 02:49

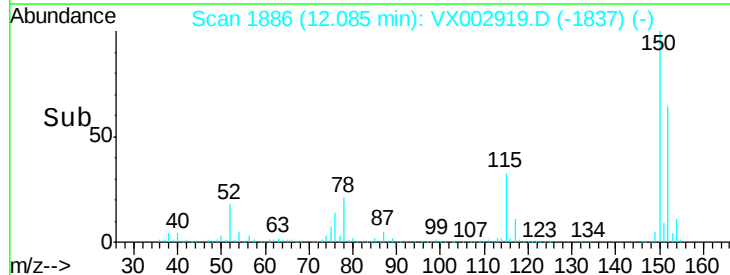
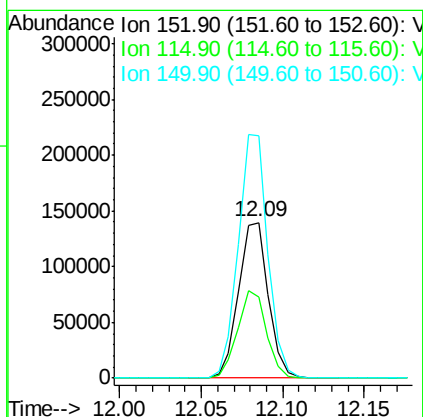
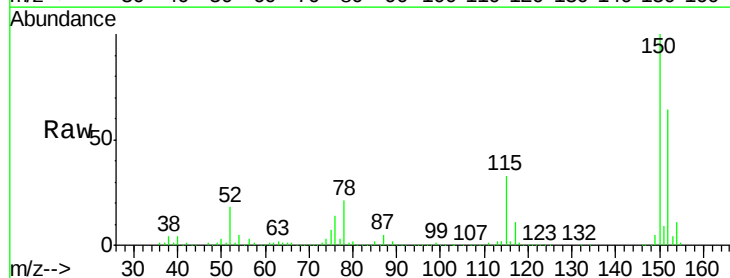
Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-23-25-180622

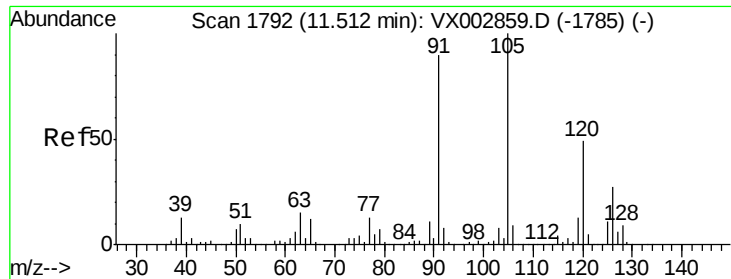
Tot Ion:117 Resp: 318030
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002919.D
Acq: 27 Jun 2018 02:49

Tgt Ion:152 Resp: 177724
Ion Ratio Lower Upper
152 100
115 54.8 40.1 120.2
150 155.2 0.0 347.2

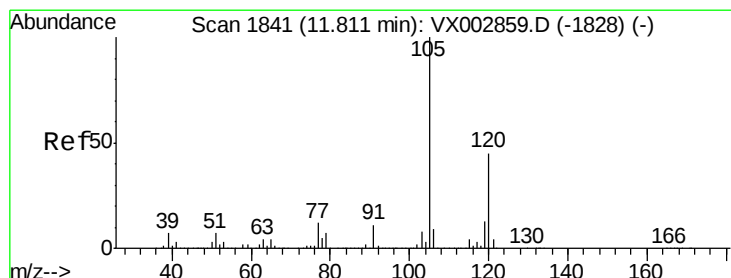
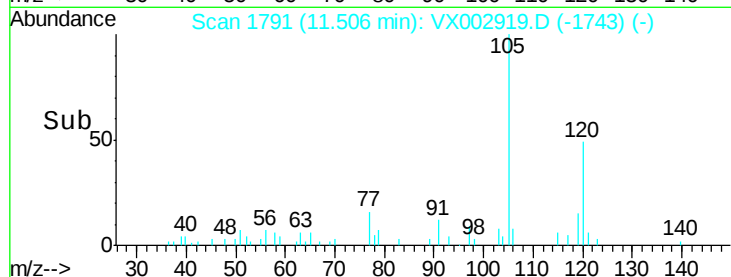
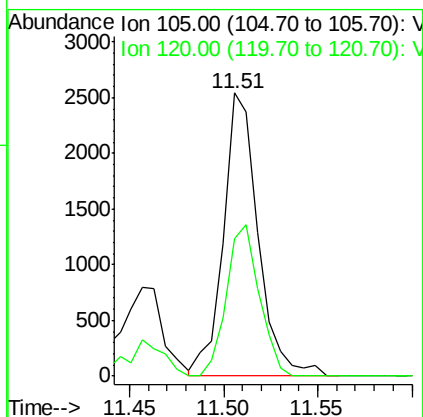
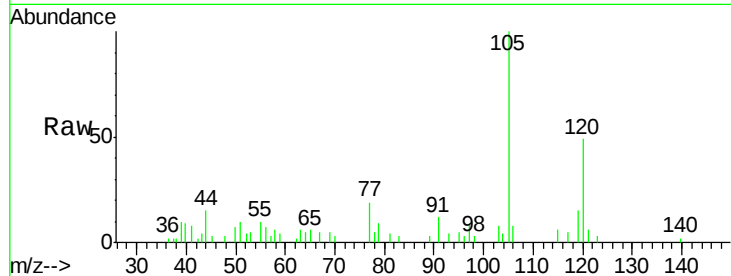




#80
 1,3,5-Trimethylbenzene
 Concen: 0.32 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX002919.D
 Acq: 27 Jun 2018 02:49

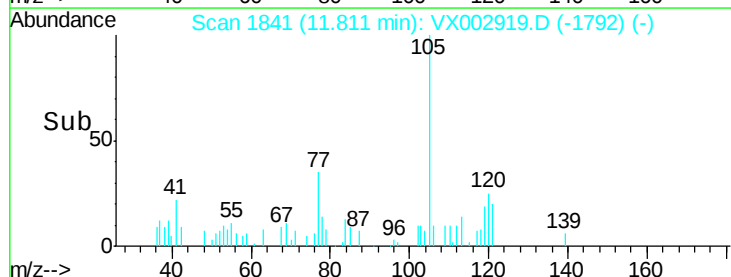
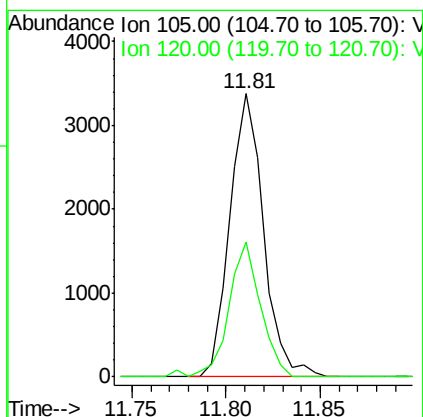
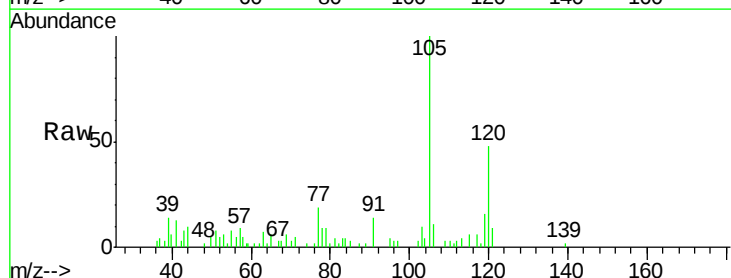
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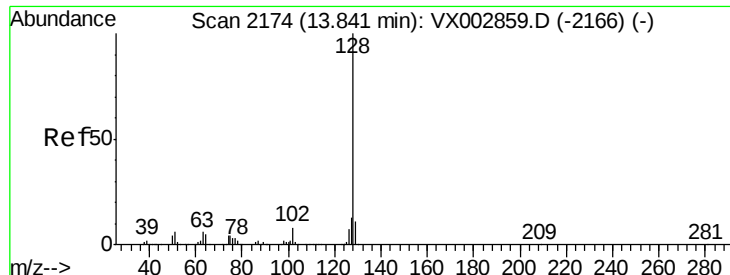
Tot Ion:105 Resp: 3252
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.4 73.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.40 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002919.D
 Acq: 27 Jun 2018 02:49

Tgt Ion:105 Resp: 4186
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.8





#95

Naphthalene

Concen: 0.29 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002919.D

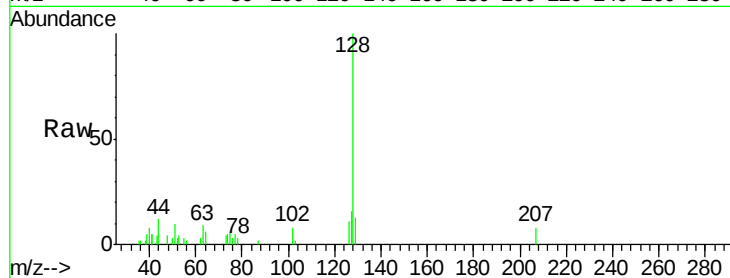
Acq: 27 Jun 2018 02:49

Instrument :

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ClientSampleId :

WP021SB480-23-25-180622



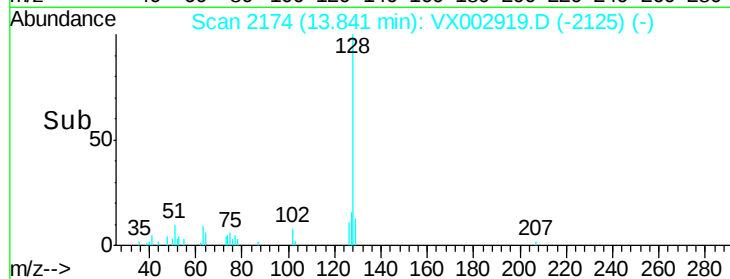
Tot Ion:128 Resp: 3500

Ion Ratio Lower Upper

128 100

127 11.7 10.4 15.6

129 12.7 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

