

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050818\
 Data File : VX001508.D
 Acq On : 08 May 2018 12:39
 Operator : JC/MD
 Sample : J2659-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30212-20180428

Quant Time: May 09 06:57:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

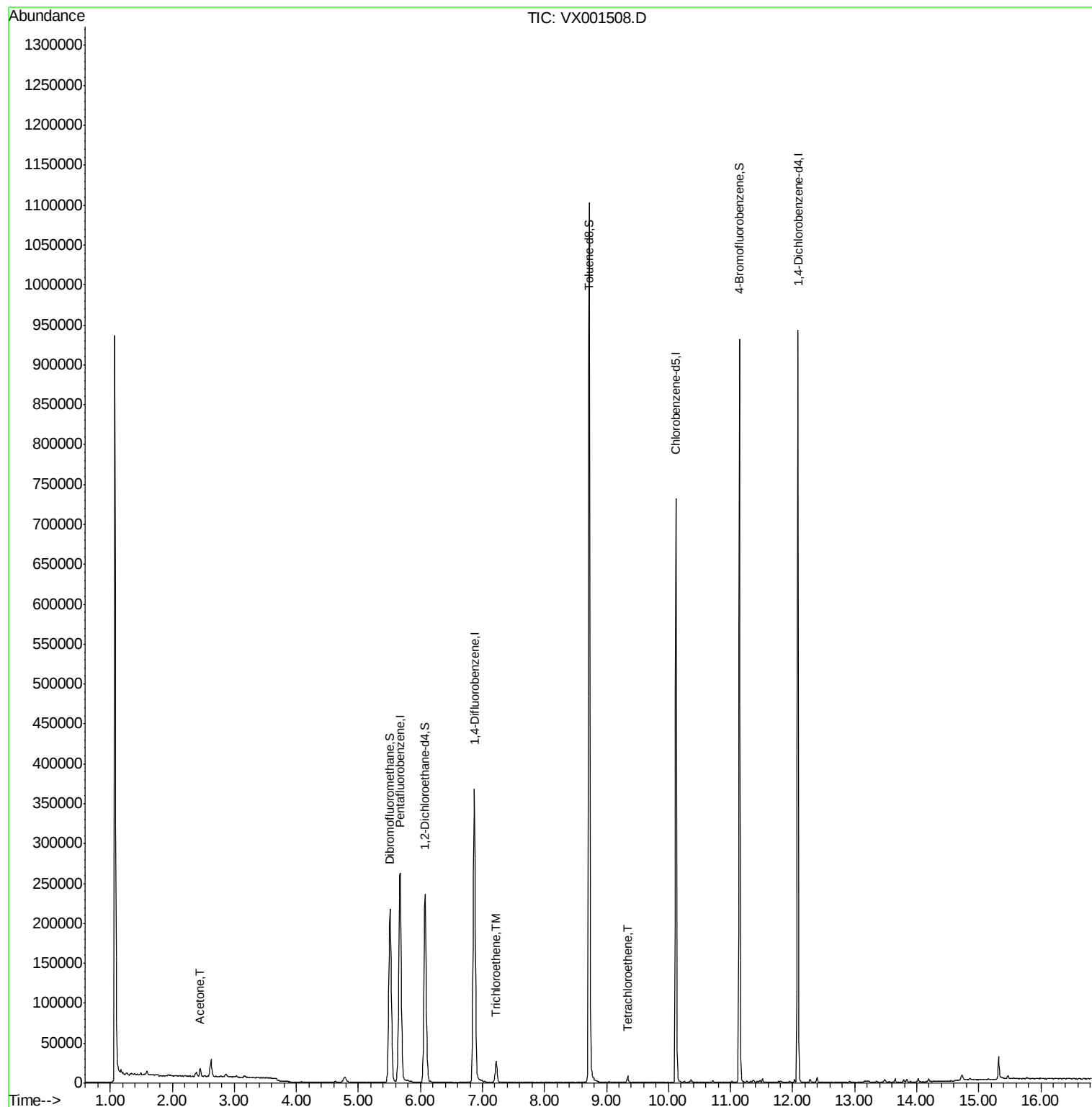
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	204933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	225197	55.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.00%	
35) Dibromofluoromethane	5.51	113	175883	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
50) Toluene-d8	8.72	98	648430	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.14	95	224684	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
Target Compounds						
16) Acetone	2.45	43	10394	5.64	ug/l	95
44) Trichloroethene	7.22	130	10934	2.50	ug/l	96
64) Tetrachloroethene	9.34	164	1634	0.34	ug/l	94

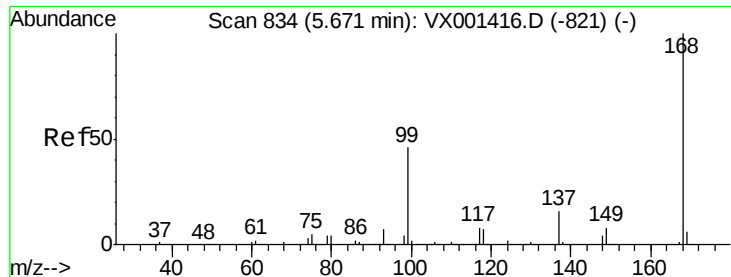
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001508.D

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Instrument :

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ClientSampleId :

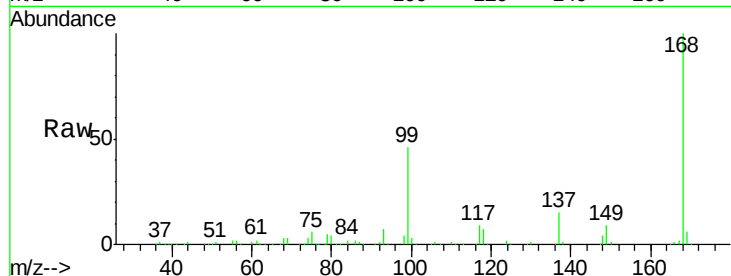
BPS1-TT-MW30212-20180428

Tot Ion:168 Resp: 282314

Ion Ratio Lower Upper

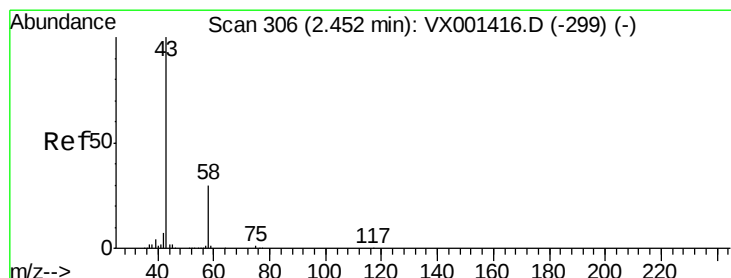
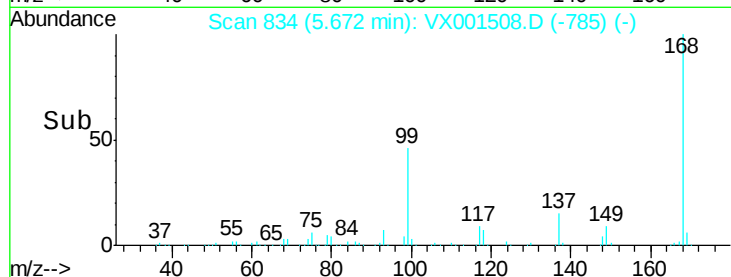
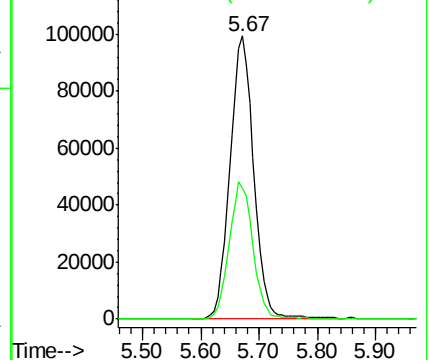
168 100

99 46.4 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.64 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001508.D

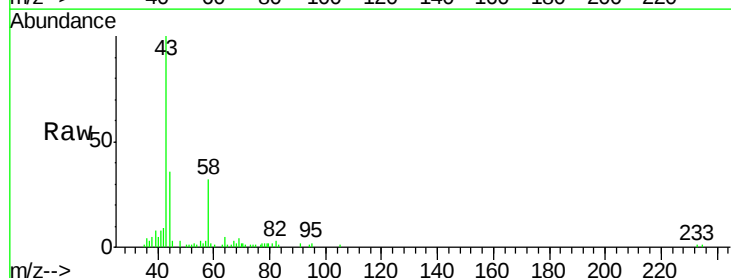
Acq: 08 May 2018 12:39

Tgt Ion: 43 Resp: 10394

Ion Ratio Lower Upper

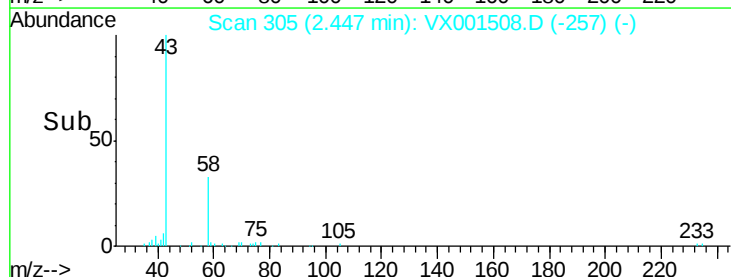
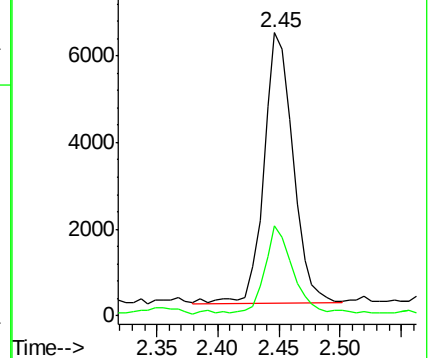
43 100

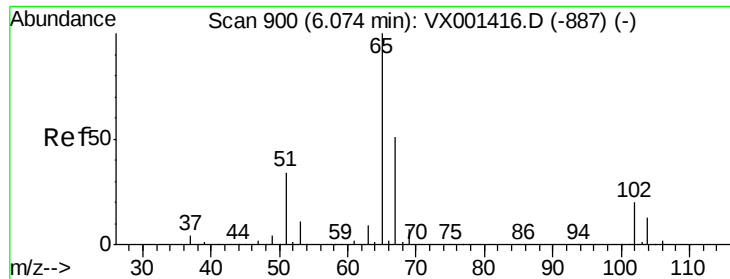
58 32.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

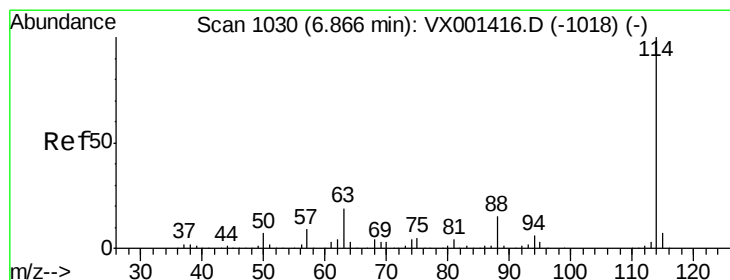
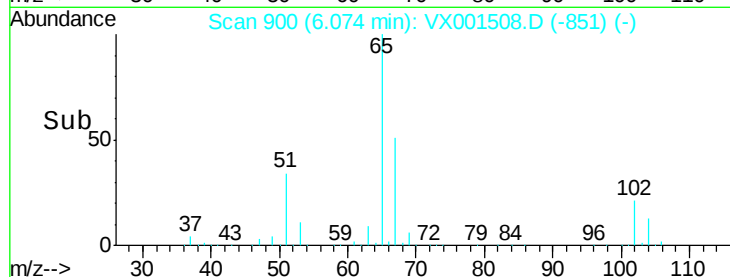
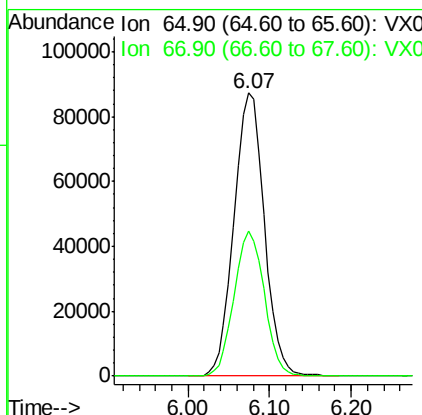
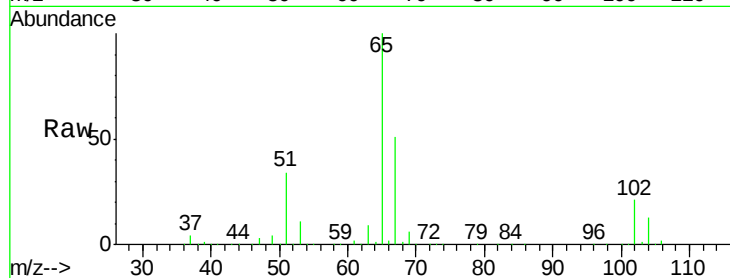




#33
 1,2-Dichloroethane-d4
 Concen: 55.50 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001508.D
 Acq: 08 May 2018 12:39

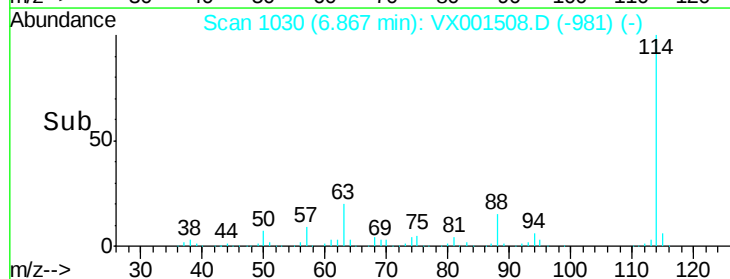
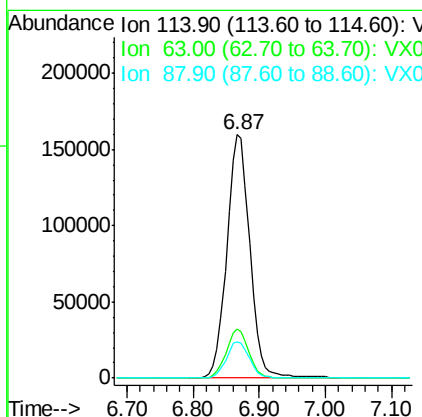
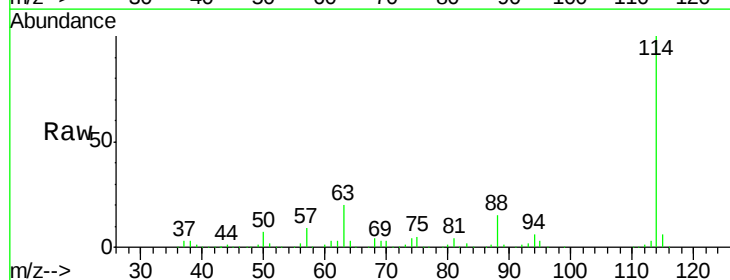
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30212-20180428

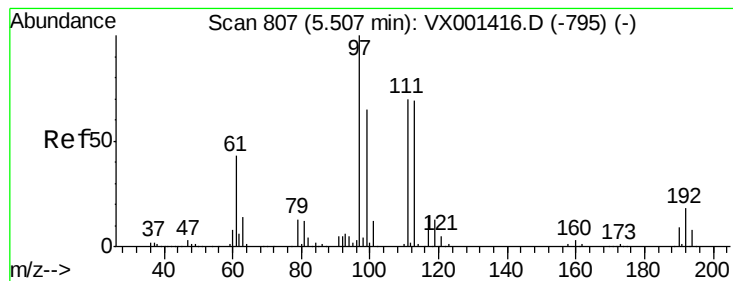
Tot Ion: 65 Resp: 225197
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001508.D
 Acq: 08 May 2018 12:39

Tgt Ion: 114 Resp: 384750
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.6
 88 15.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 51.39 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001508.D

Acq: 08 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30212-20180428

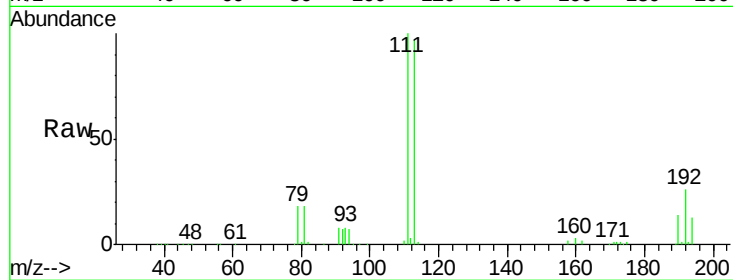
Tot Ion:113 Resp: 175883

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

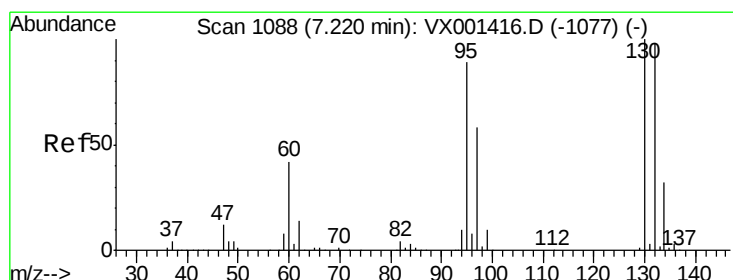
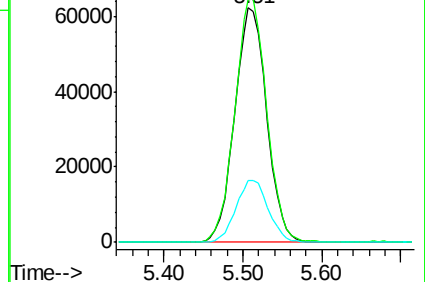
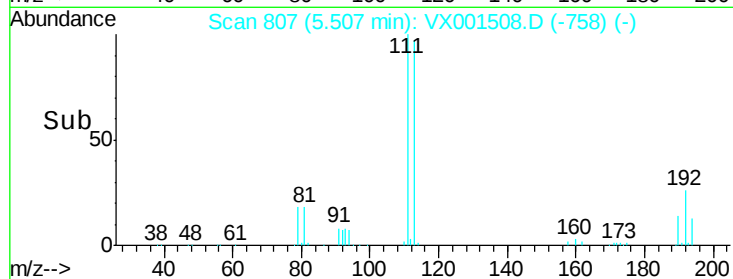
192 26.7 21.4 32.0



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



#44

Trichloroethene

Concen: 2.50 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001508.D

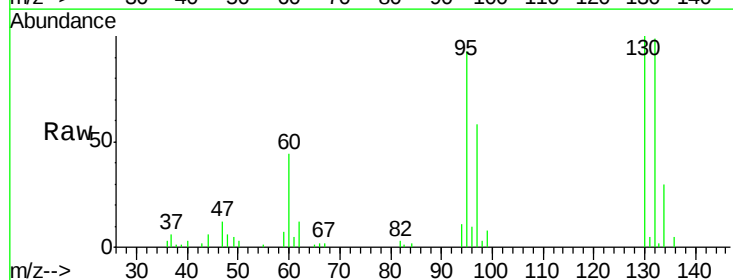
Acq: 08 May 2018 12:39

Tgt Ion:130 Resp: 10934

Ion Ratio Lower Upper

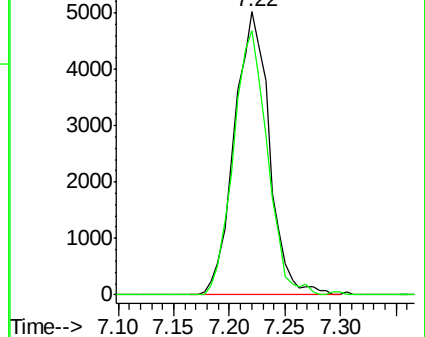
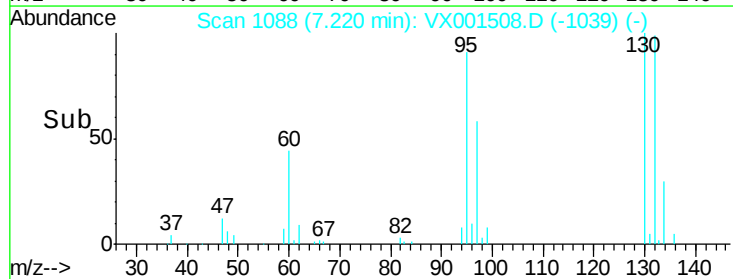
130 100

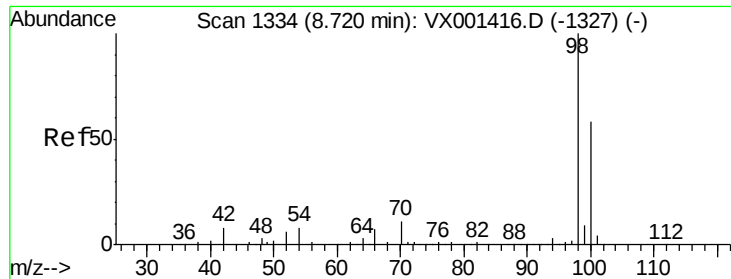
95 93.3 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.91 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001508.D

Acq: 08 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

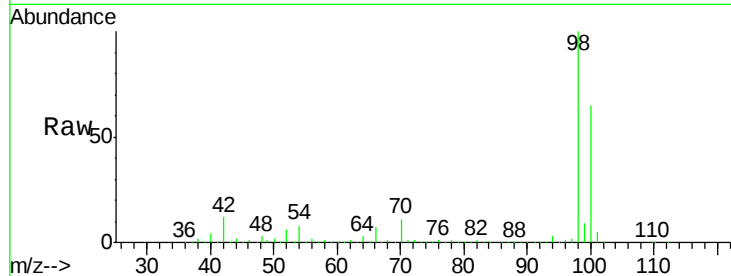
BPS1-TT-MW30212-20180428

Tot Ion: 98 Resp: 648430

Ion Ratio Lower Upper

98 100

100 65.3 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX001416.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX001416.D (-1327) (-)

8.72

400000

300000

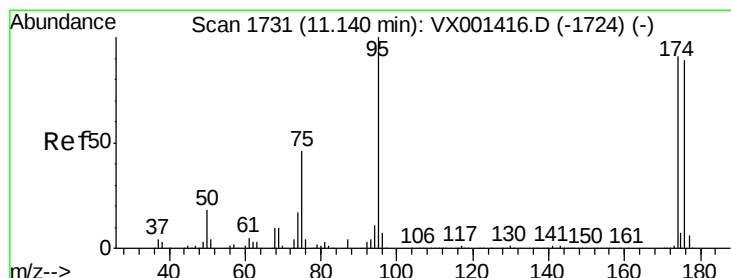
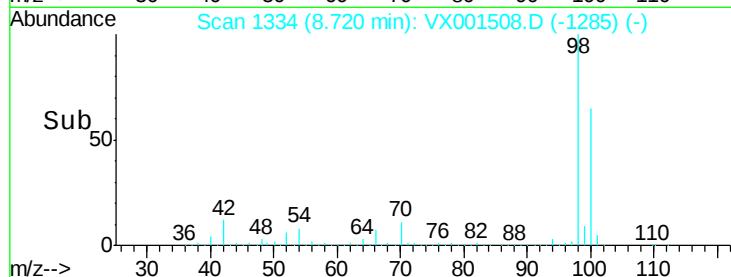
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 46.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001508.D

Acq: 08 May 2018 12:39

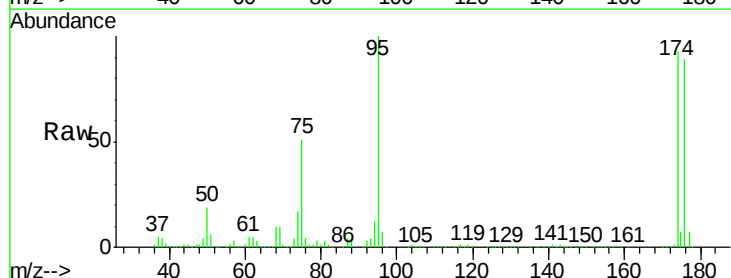
Tgt Ion: 95 Resp: 224684

Ion Ratio Lower Upper

95 100

174 101.0 0.0 202.0

176 98.1 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX001416.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX001416.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX001416.D (-1724) (-)

11.14

250000

200000

150000

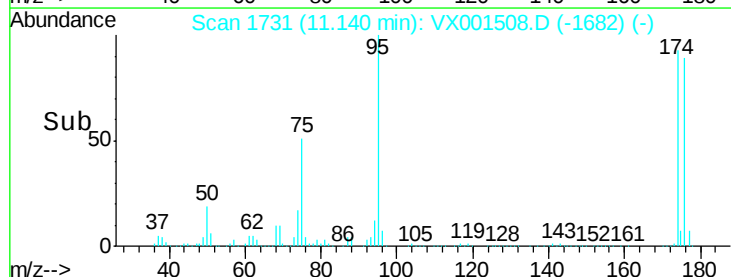
100000

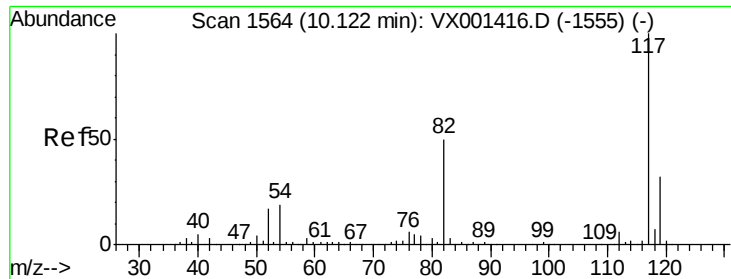
50000

0

11.10 11.15 11.20

Time-->

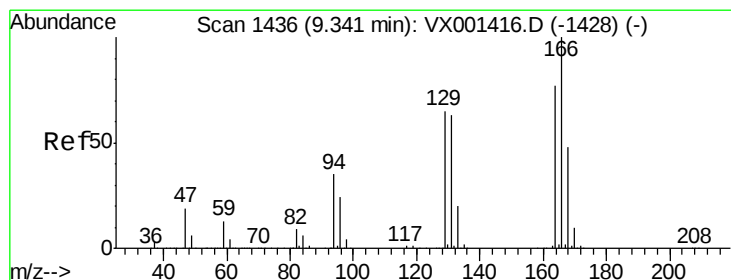
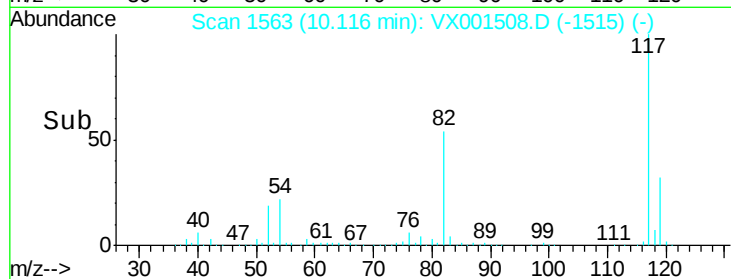
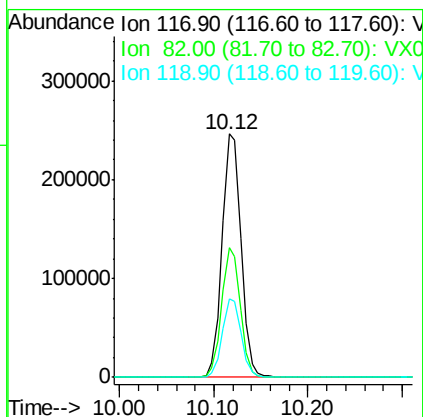
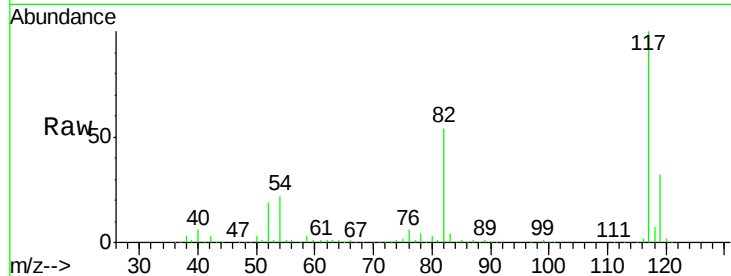




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001508.D
Acq: 08 May 2018 12:39

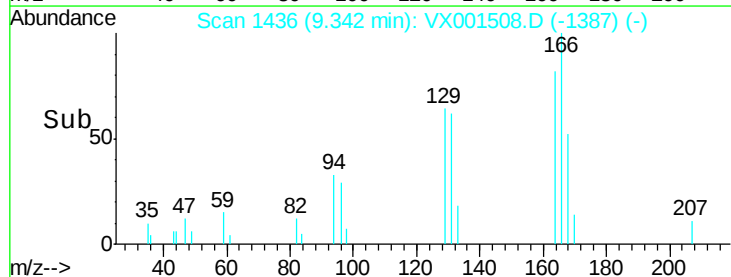
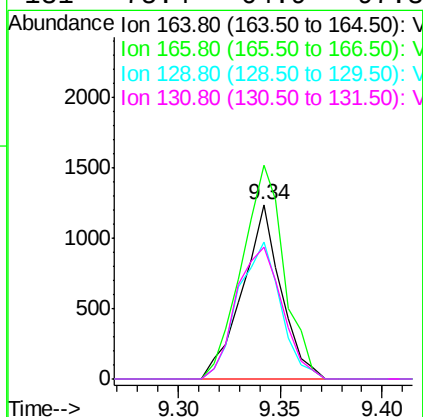
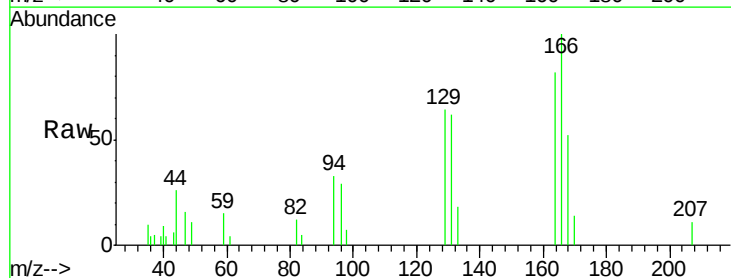
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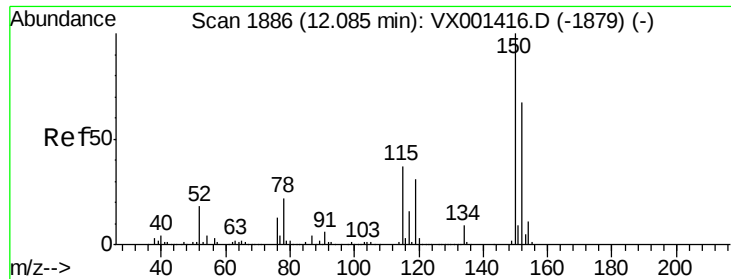
Tot Ion:117 Resp: 343859
Ion Ratio Lower Upper
117 100
82 53.5 40.0 60.0
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 0.34 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001508.D
Acq: 08 May 2018 12:39

Tgt Ion:164 Resp: 1634
Ion Ratio Lower Upper
164 100
166 122.4 103.5 155.3
129 78.3 66.7 100.1
131 75.4 64.9 97.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001508.D

Acq: 08 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30212-20180428

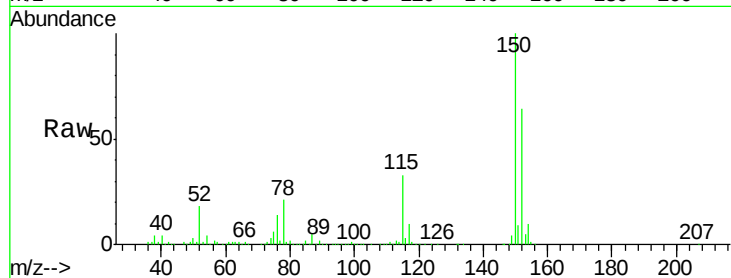
Tot Ion:152 Resp: 204933

Ion Ratio Lower Upper

152 100

115 52.3 37.7 113.1

150 155.7 0.0 349.4



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

