

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001469.D
 Acq On : 07 May 2018 16:40
 Operator : JC/MD
 Sample : J2659-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302D-20180428

Quant Time: May 08 07:00:49 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	258760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173885	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	217105	58.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.74%	
35) Dibromofluoromethane	5.51	113	169674	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
50) Toluene-d8	8.72	98	607524	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
62) 4-Bromofluorobenzene	11.14	95	199419	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	

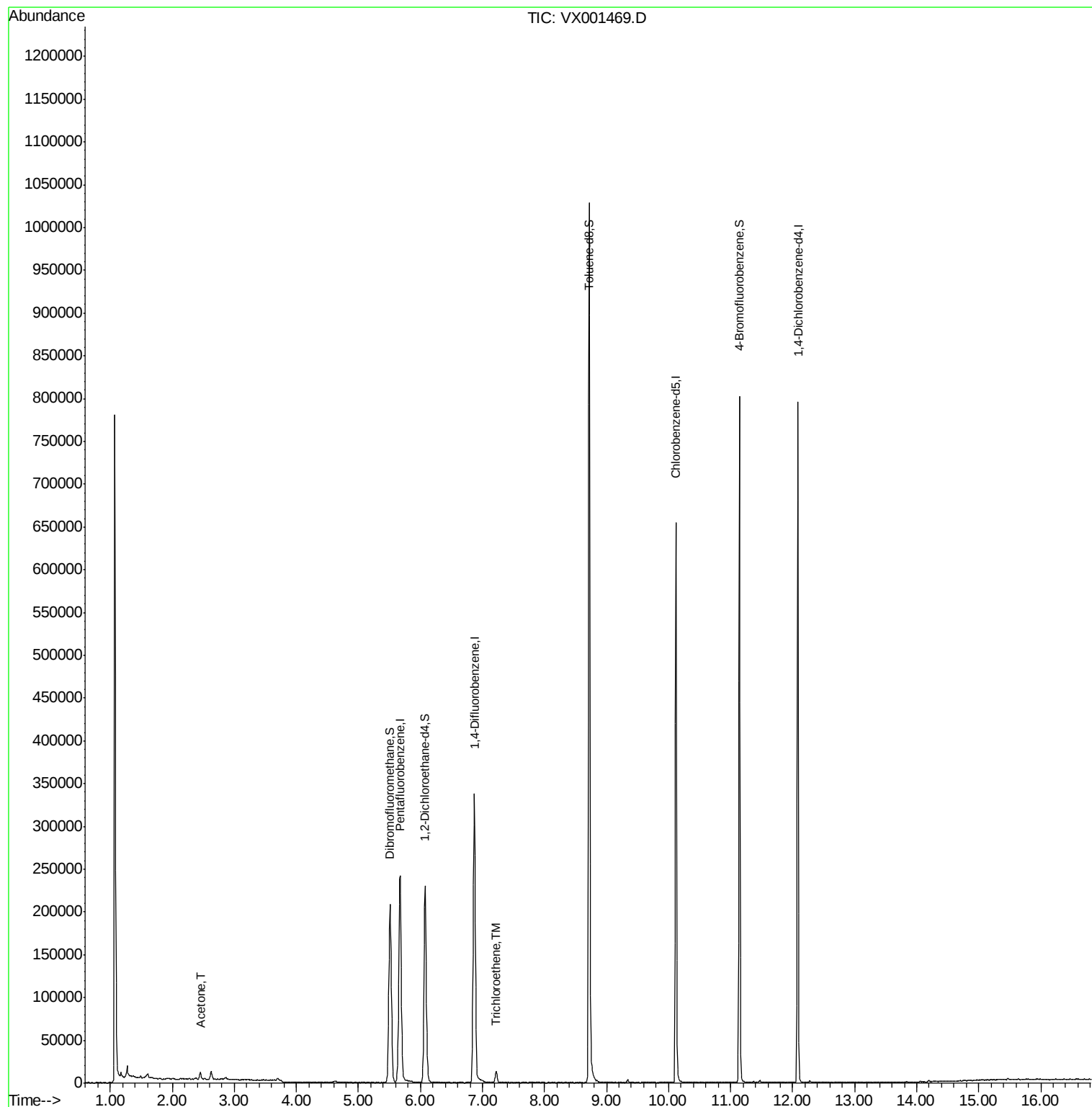
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	8807	5.21	ug/l	96
44) Trichloroethene	7.22	130	5392	1.34	ug/l	96

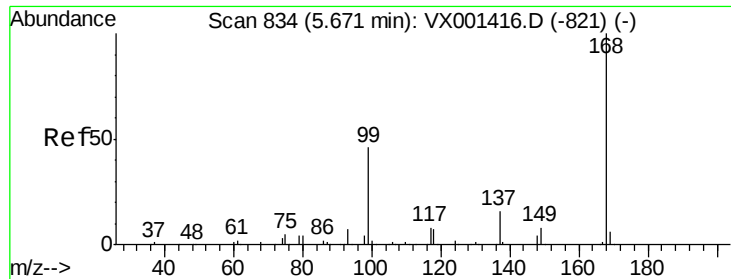
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001469.D

Acq: 07 May 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

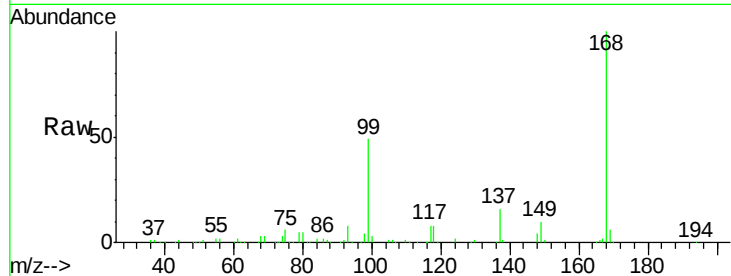
BPS1-TT-MW302D-20180428

Tot Ion:168 Resp: 258760

Ion Ratio Lower Upper

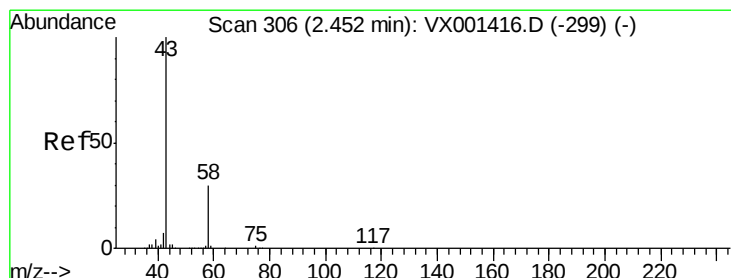
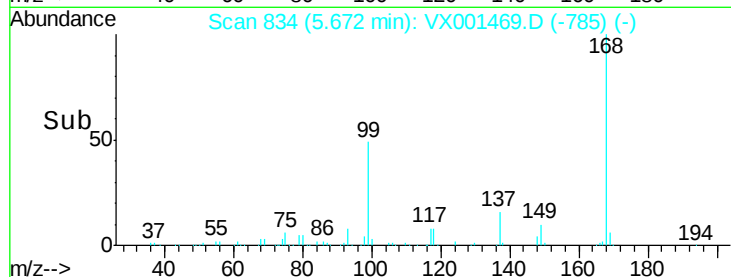
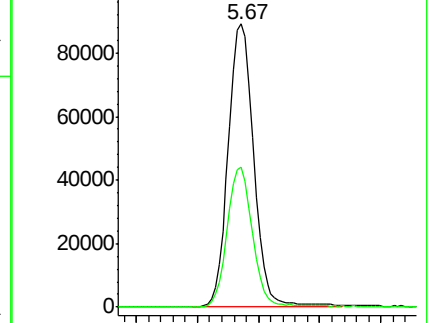
168 100

99 49.3 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: 5.21 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001469.D

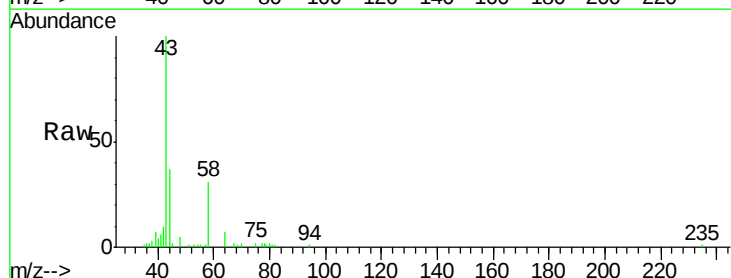
Acq: 07 May 2018 16:40

Tgt Ion: 43 Resp: 8807

Ion Ratio Lower Upper

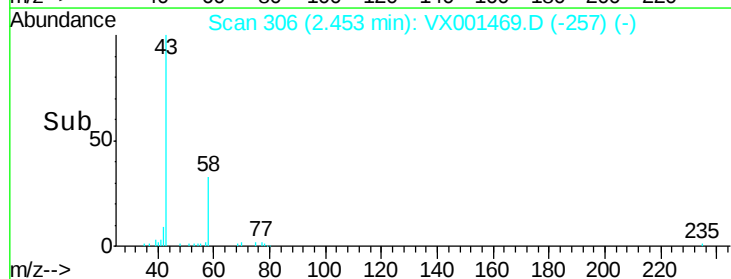
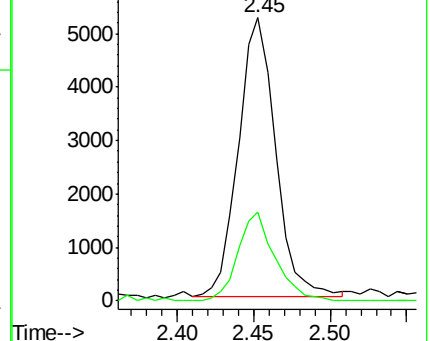
43 100

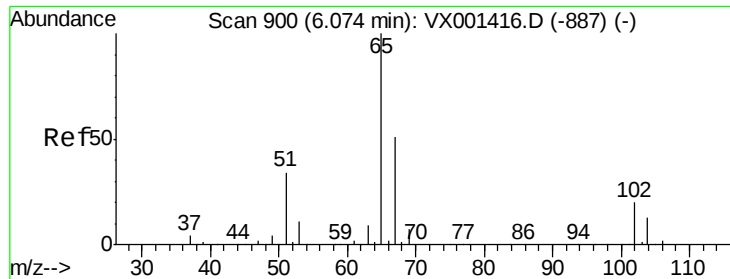
58 32.0 23.8 35.8



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: 58.37 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001469.D

Acq: 07 May 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

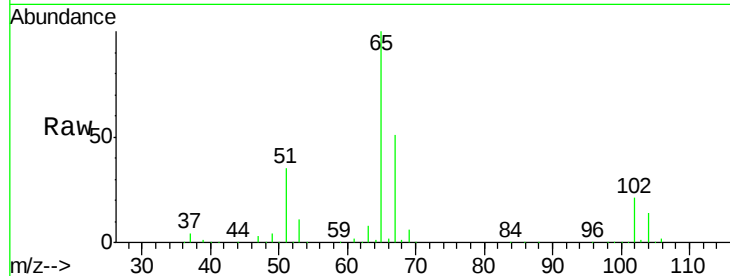
BPS1-TT-MW302D-20180428

Tot Ion: 65 Resp: 217105

Ion Ratio Lower Upper

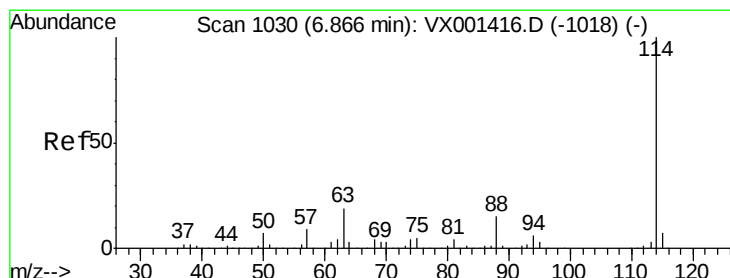
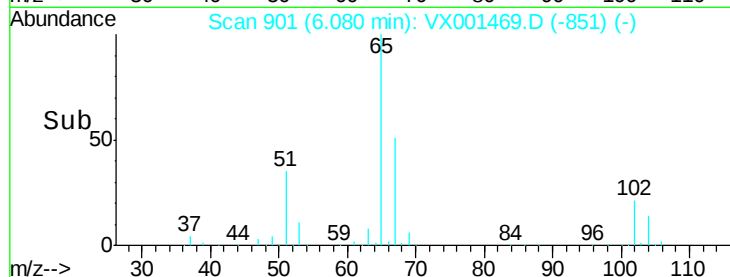
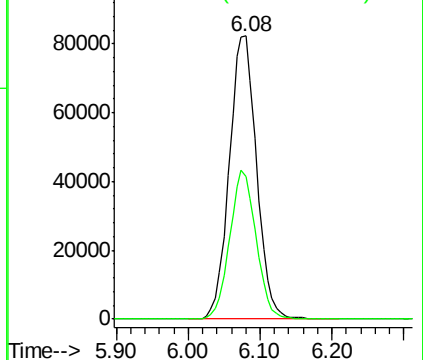
65 100

67 50.8 0.0 101.8



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: VX001469.D

Acq: 07 May 2018 16:40

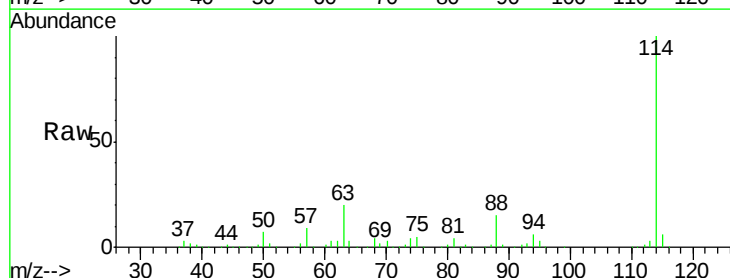
Tgt Ion: 114 Resp: 354529

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

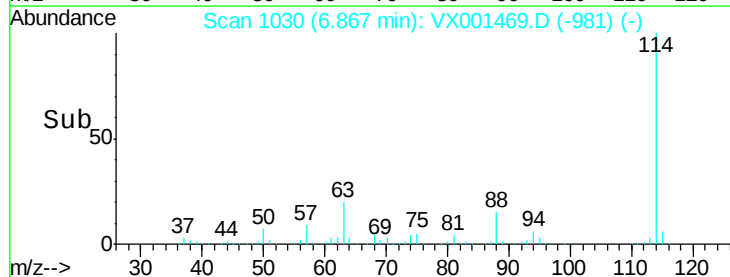
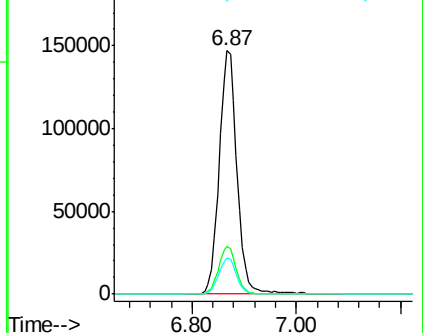
88 14.9 0.0 30.8

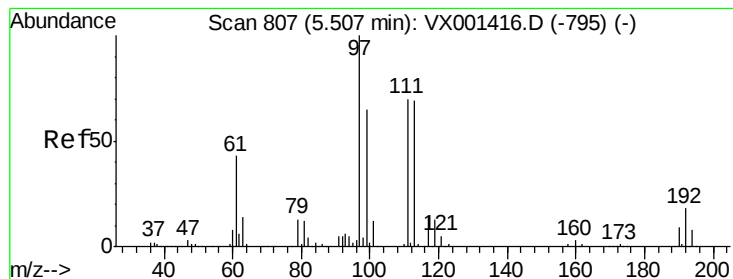


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.81 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001469.D

Acq: 07 May 2018 16:40

Instrument :

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ClientSampleId :

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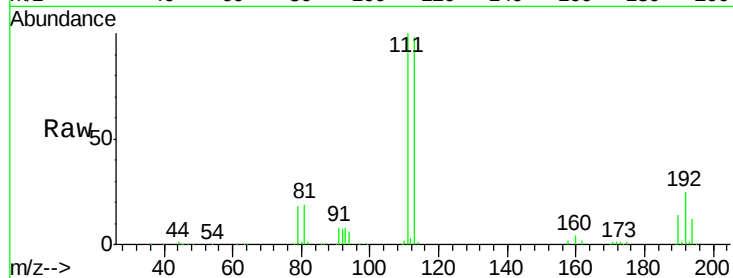
Tot Ion:113 Resp: 169674

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

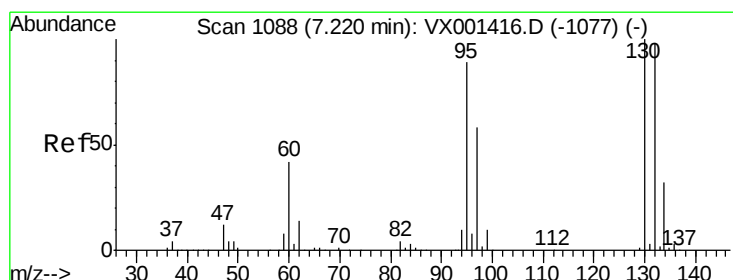
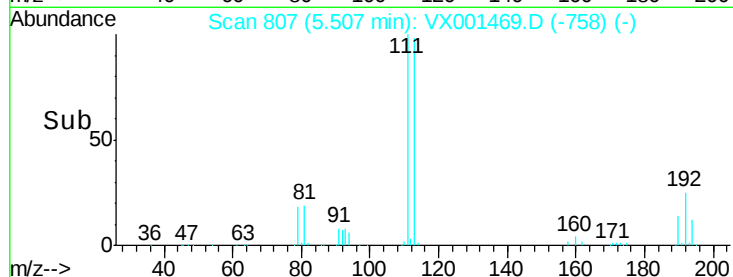
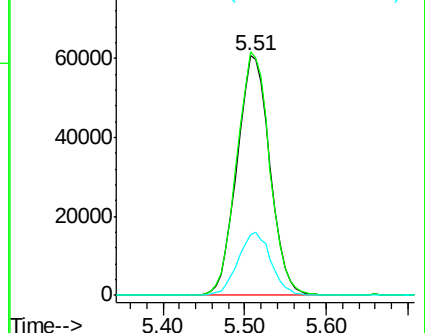
192 26.3 21.4 32.0



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: 1.34 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001469.D

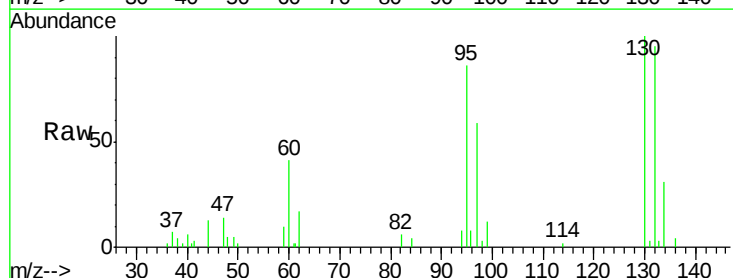
Acq: 07 May 2018 16:40

Tgt Ion:130 Resp: 5392

Ion Ratio Lower Upper

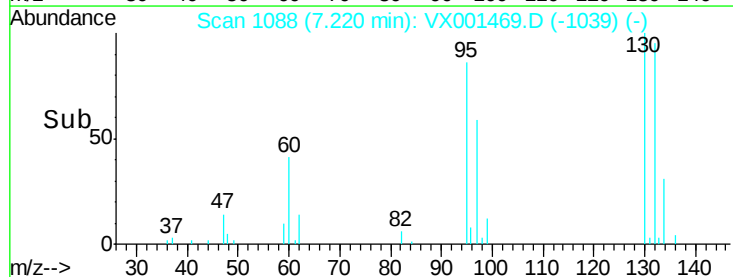
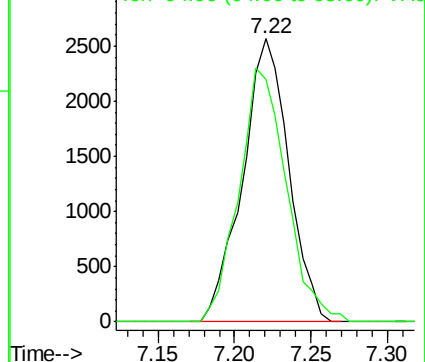
130 100

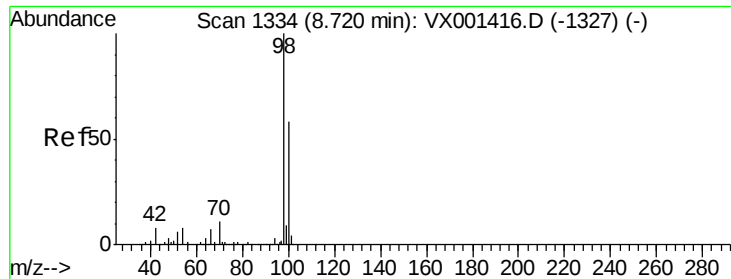
95 85.7 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 52.78 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001469.D

Acq: 07 May 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

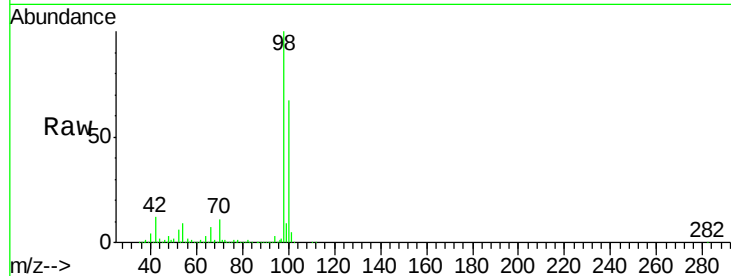
BPS1-TT-MW302D-20180428

Tot Ion: 98 Resp: 607524

Ion Ratio Lower Upper

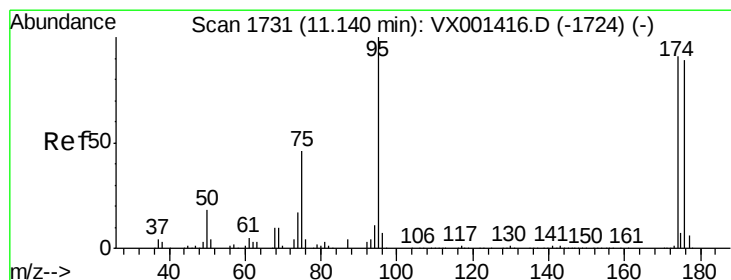
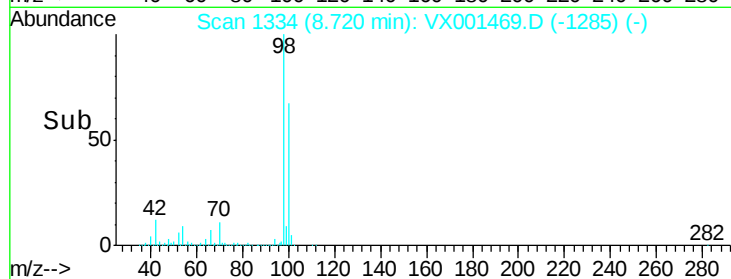
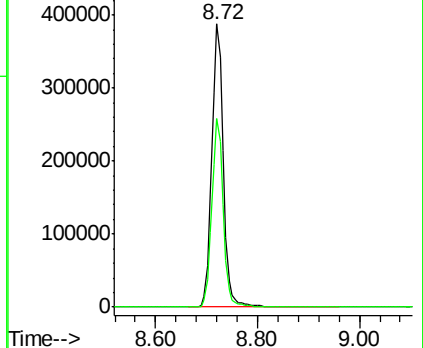
98 100

100 65.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001469.D

Acq: 07 May 2018 16:40

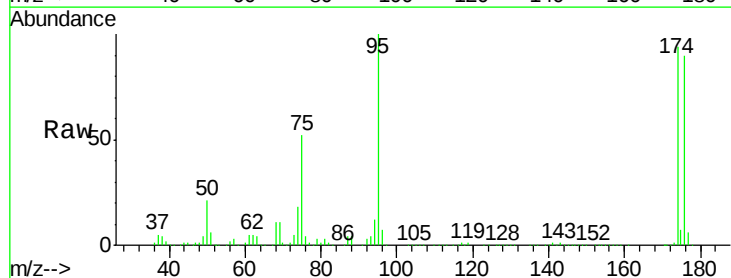
Tgt Ion: 95 Resp: 199419

Ion Ratio Lower Upper

95 100

174 101.6 0.0 202.0

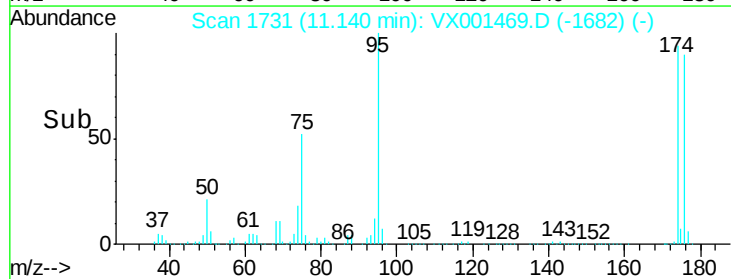
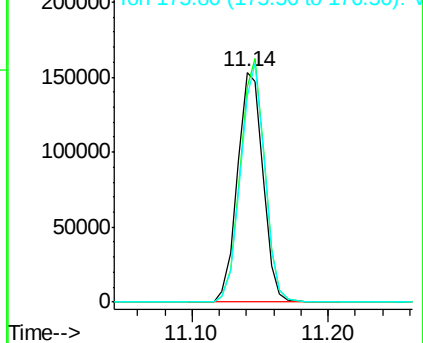
176 98.6 0.0 197.4

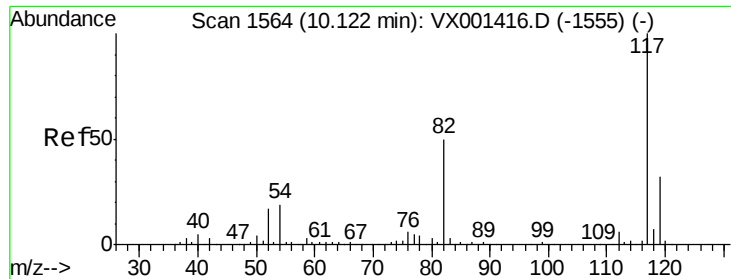


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

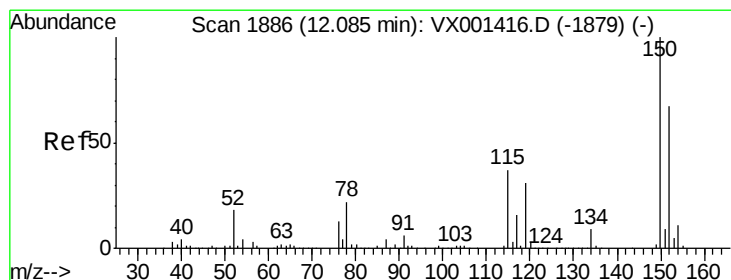
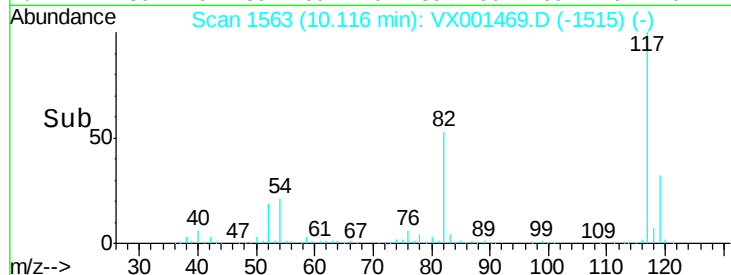
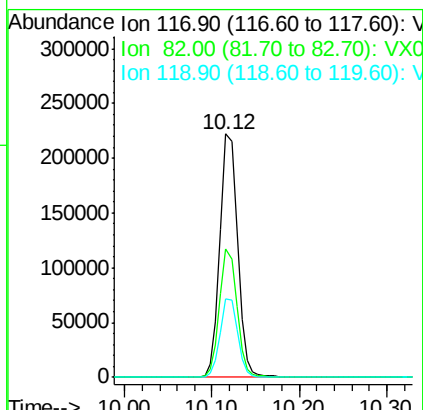
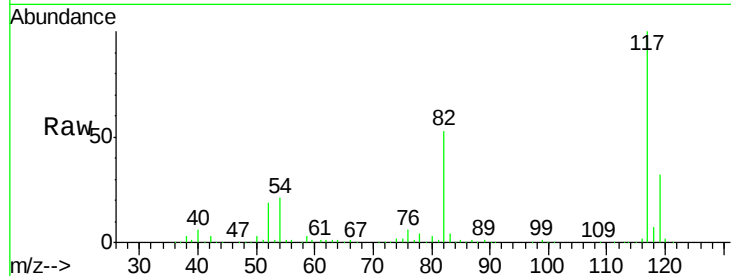




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001469.D
Acq: 07 May 2018 16:40

Instrument :
MSVOA_X
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BPS1-TT-MW302D-20180428

Tot Ion:117 Resp: 312511
Ion Ratio Lower Upper
117 100
82 53.0 40.0 60.0
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001469.D
Acq: 07 May 2018 16:40

Tgt Ion:152 Resp: 173885
Ion Ratio Lower Upper
152 100
115 52.2 37.7 113.1
150 153.8 0.0 349.4

