

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032319\
 Data File : VX008366.D
 Acq On : 23 Mar 2019 21:39
 Operator : JC/SP
 Sample : K1937-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306S-20190314

Quant Time: Mar 25 09:07:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

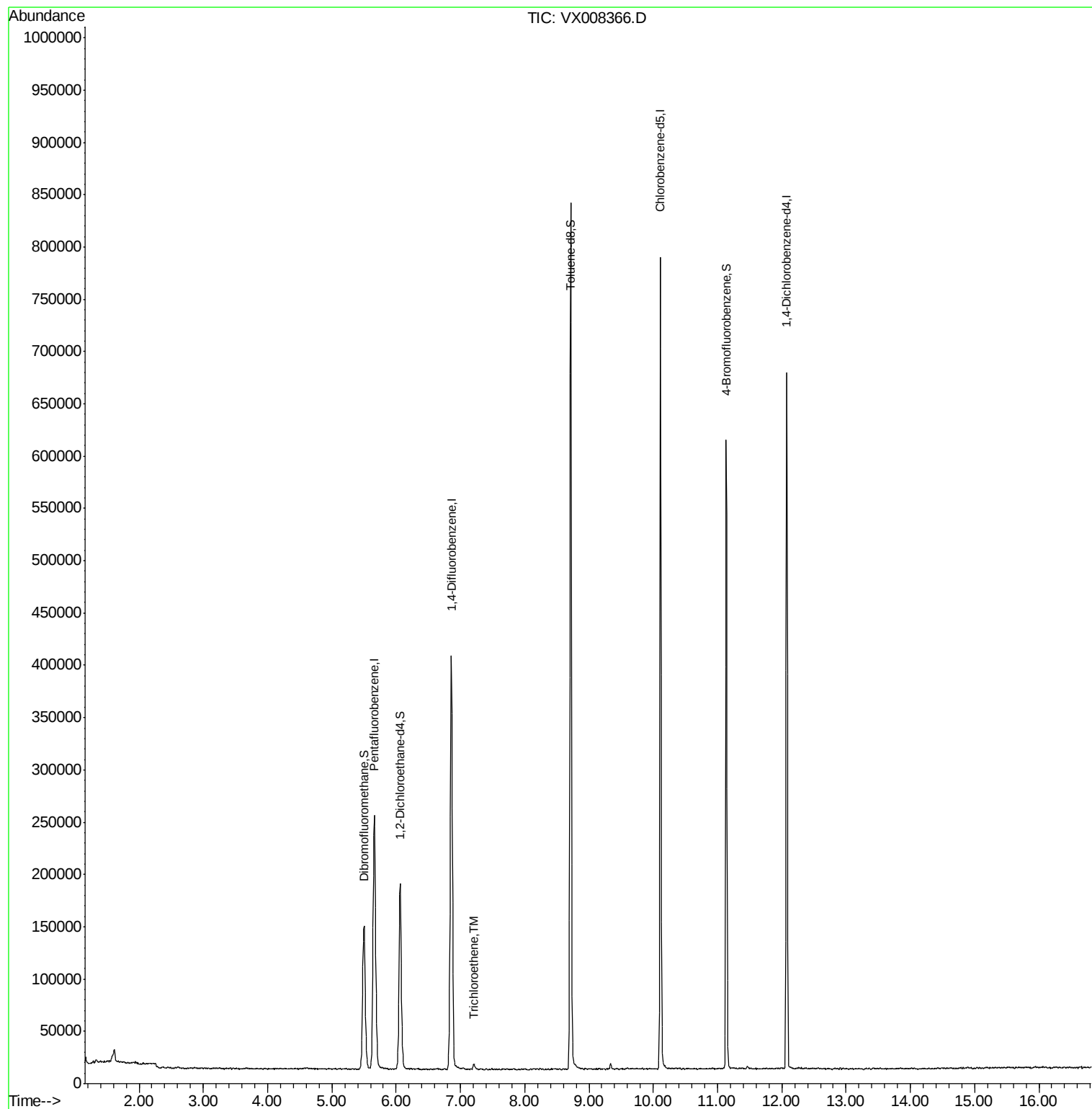
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	222183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	165624	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
35) Dibromofluoromethane	5.50	113	120201	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
50) Toluene-d8	8.71	98	480798	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	160299	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
Target Compounds						
44) Trichloroethene	7.21	130	1922	0.694	ug/l	Qvalue 67

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008366.D

Acq: 23 Mar 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

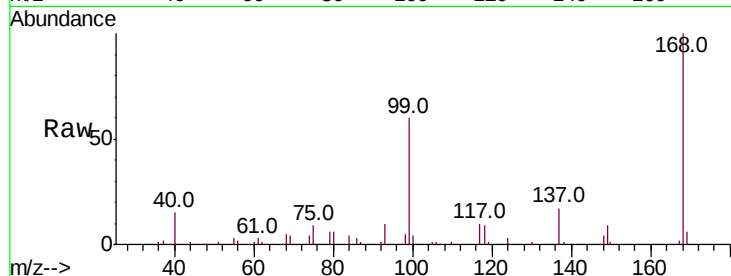
BPS1-TT-MW306S-20190314

Tot Ion:168 Resp: 222183

Ion Ratio Lower Upper

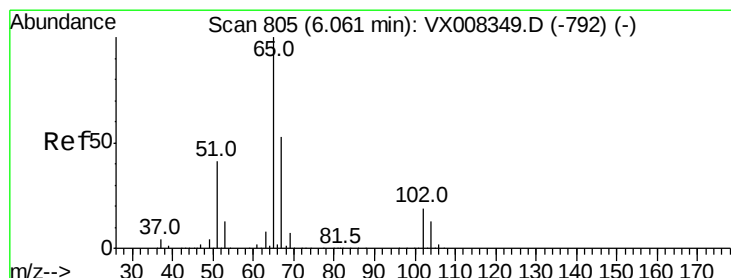
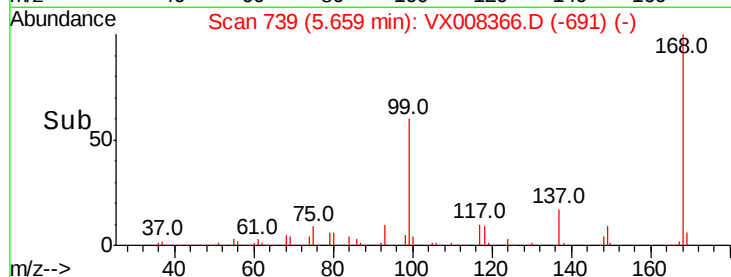
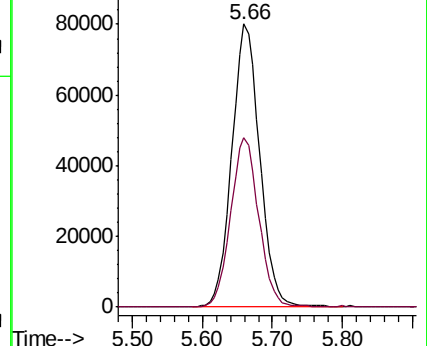
168 100

99 59.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.875 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008366.D

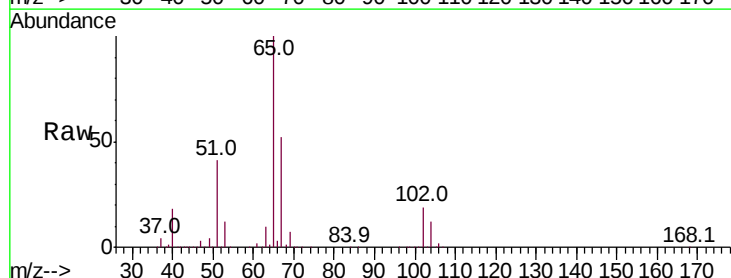
Acq: 23 Mar 2019 21:39

Tgt Ion: 65 Resp: 165624

Ion Ratio Lower Upper

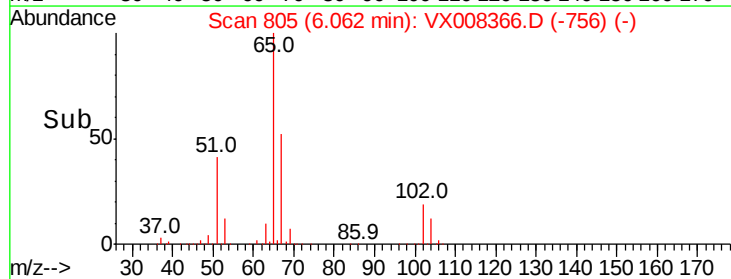
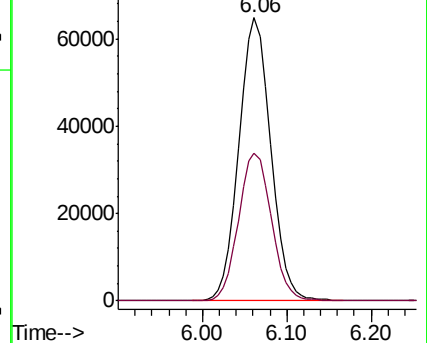
65 100

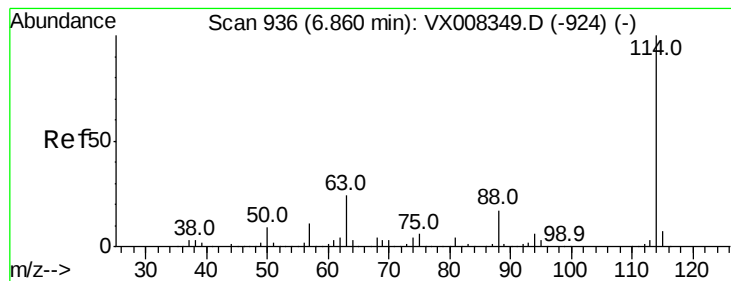
67 54.0 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008366.D

Acq: 23 Mar 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306S-20190314

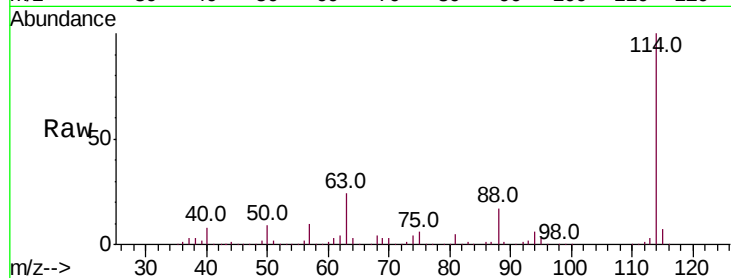
Tot Ion:114 Resp: 383314

Ion Ratio Lower Upper

114 100

63 24.0 0.0 39.8

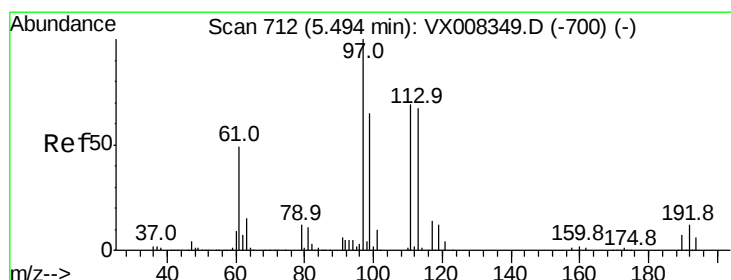
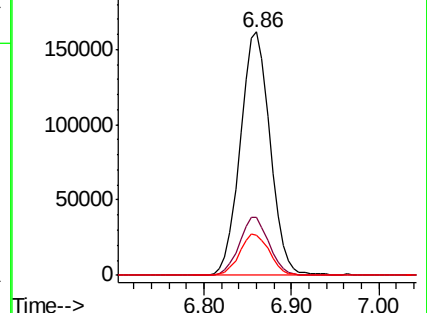
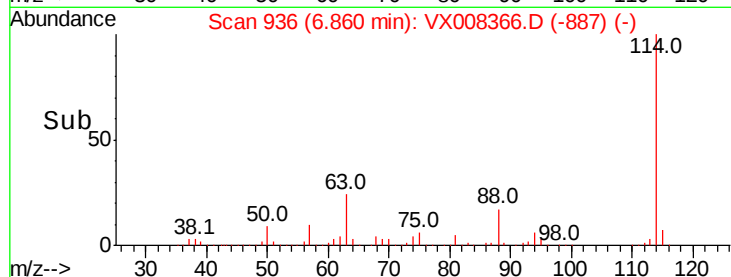
88 16.7 0.0 31.4



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: 48.400 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008366.D

Acq: 23 Mar 2019 21:39

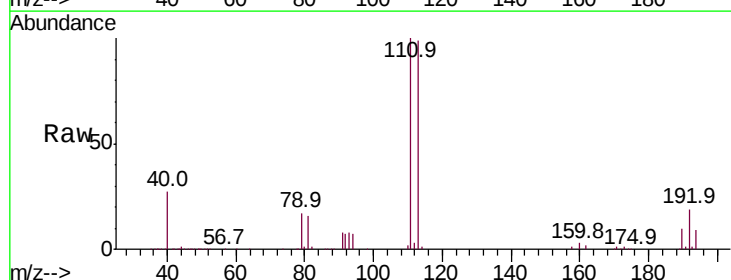
Tgt Ion:113 Resp: 120201

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

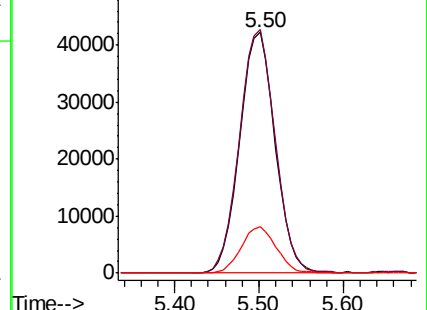
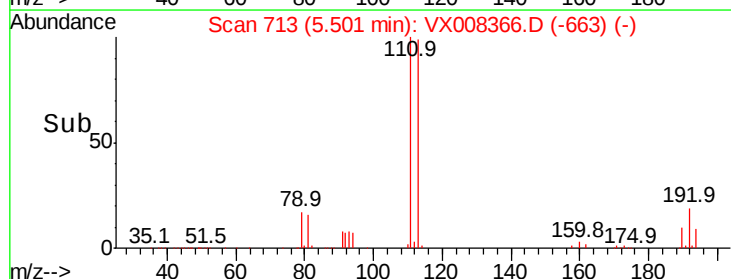
192 19.1 19.4 29.0#

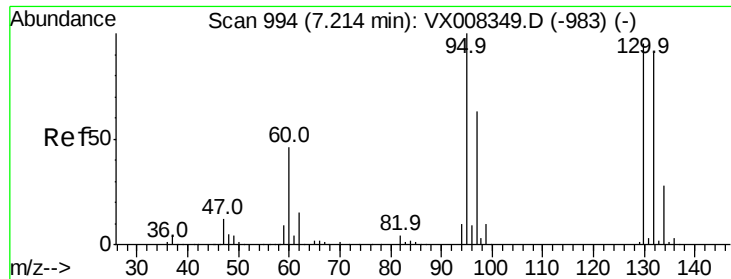


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

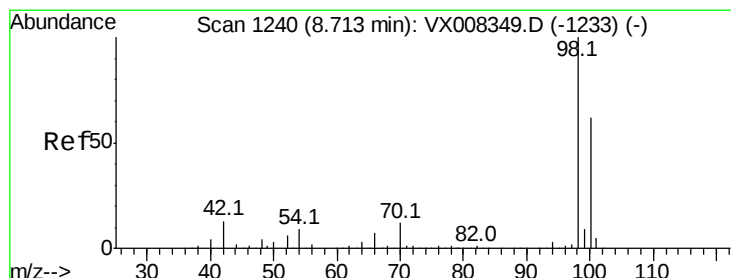
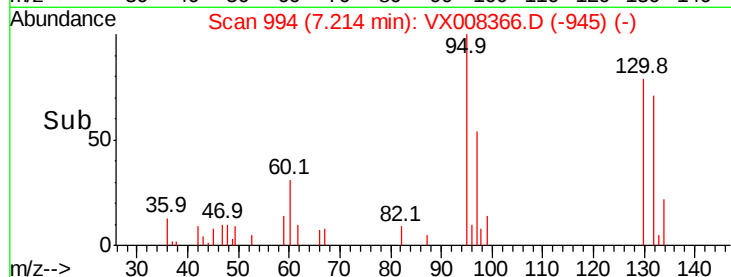
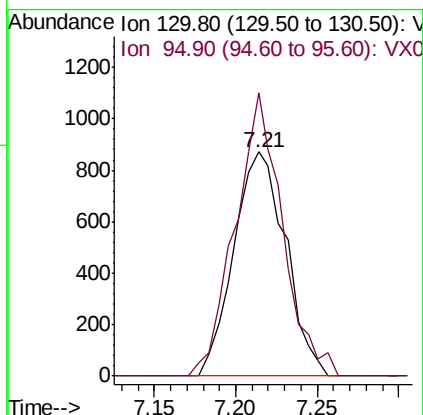
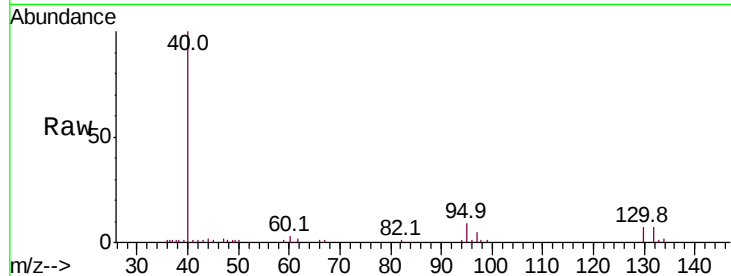




#44
 Trichloroethene
 Concen: 0.694 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008366.D
 Acq: 23 Mar 2019 21:39

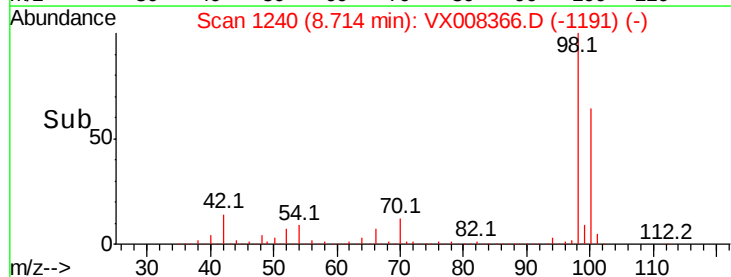
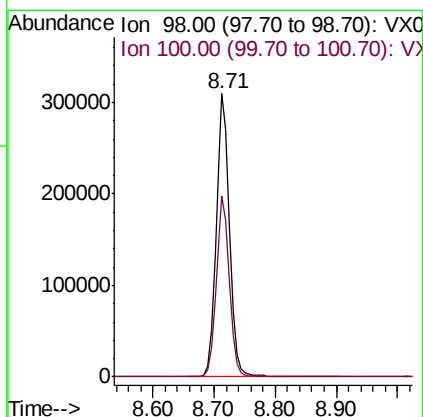
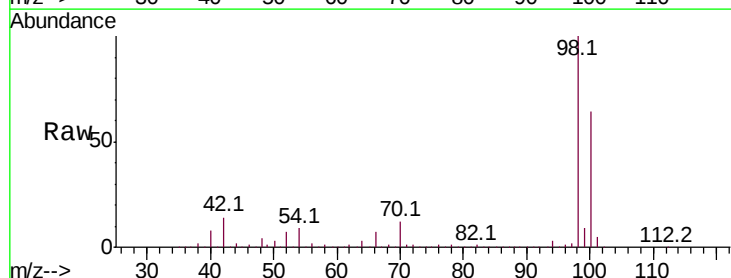
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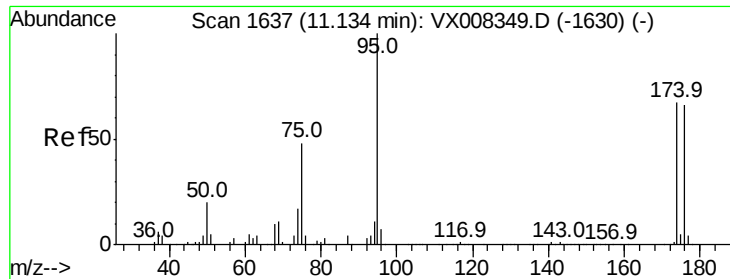
Tot Ion:130 Resp: 1922
 Ion Ratio Lower Upper
 130 100
 95 126.1 0.0 188.0



#50
 Toluene-d8
 Concen: 48.947 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008366.D
 Acq: 23 Mar 2019 21:39

Tgt Ion: 98 Resp: 480798
 Ion Ratio Lower Upper
 98 100
 100 63.5 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 44.446 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008366.D

Acq: 23 Mar 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306S-20190314

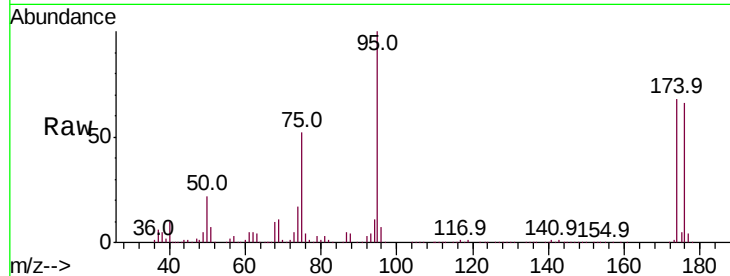
Tot Ion: 95 Resp: 160299

Ion Ratio Lower Upper

95 100

174 72.2 0.0 182.8

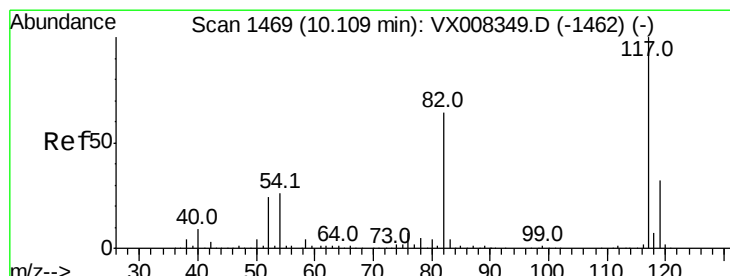
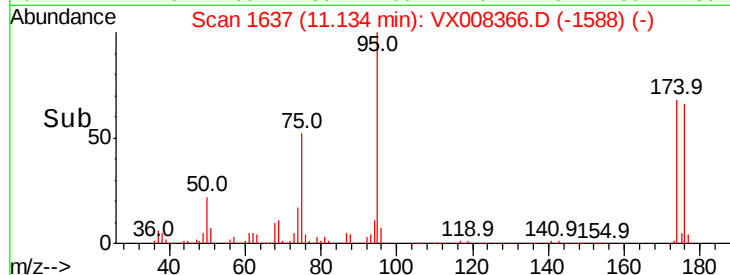
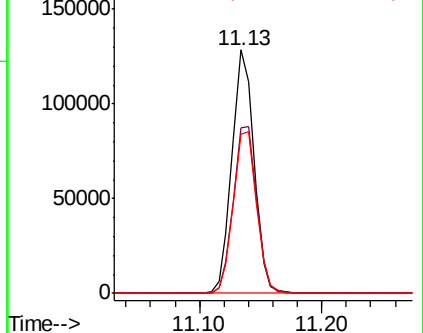
176 69.9 0.0 178.0



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: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008366.D

Acq: 23 Mar 2019 21:39

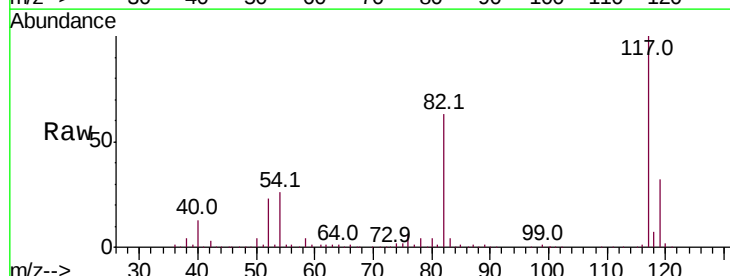
Tgt Ion: 117 Resp: 325890

Ion Ratio Lower Upper

117 100

82 63.2 44.3 66.5

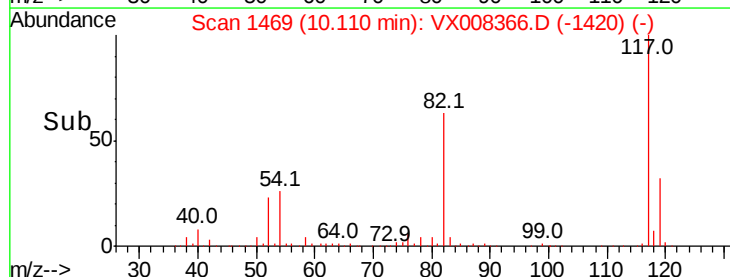
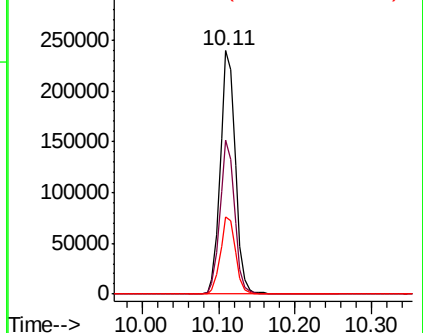
119 31.7 25.3 37.9

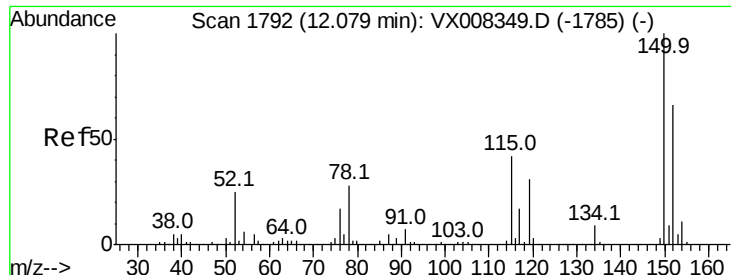


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008366.D

Acq: 23 Mar 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306S-20190314

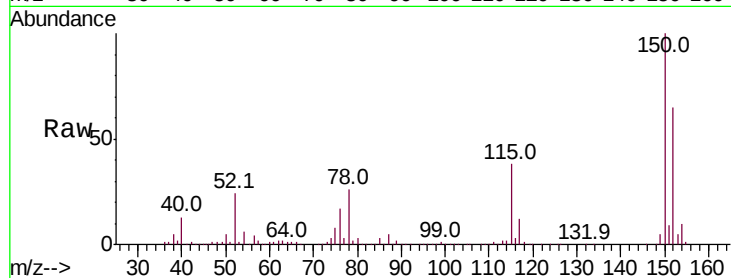
Tot Ion:152 Resp: 134650

Ion Ratio Lower Upper

152 100

115 61.7 38.6 115.7

150 154.9 0.0 348.4



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

