

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032319\
 Data File : VX008365.D
 Acq On : 23 Mar 2019 21:16
 Operator : JC/SP
 Sample : K1937-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW307S-20190314

Quant Time: Mar 25 09:04:49 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	5.67	168	221394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	330684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135011	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	166855	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
35) Dibromofluoromethane	5.50	113	120205	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
50) Toluene-d8	8.71	98	485955	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.13	95	161621	44.28	ug/l	0.00
Spiked Amount			Recovery	=	88.56%	

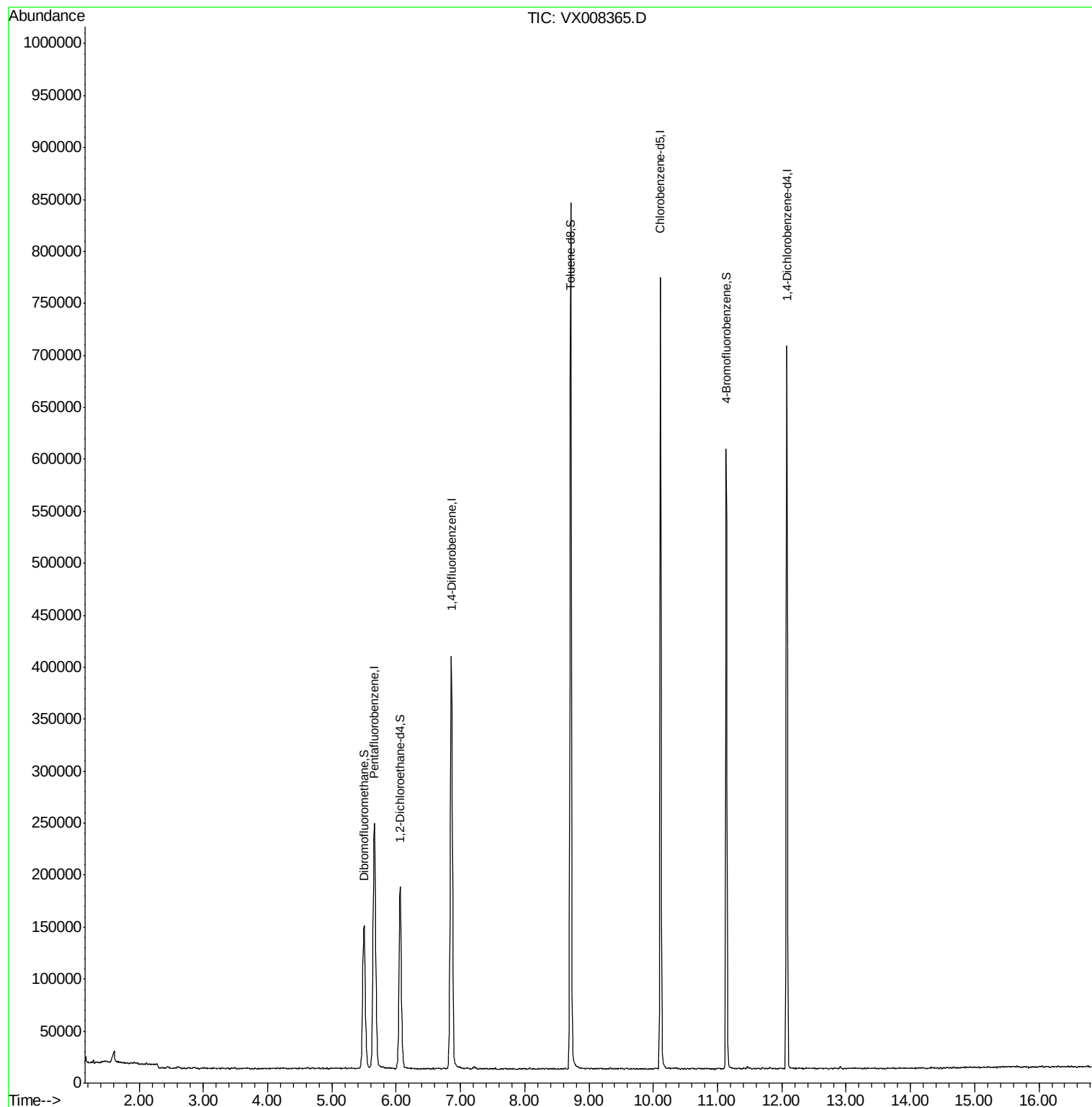
Target Compounds	Qvalue
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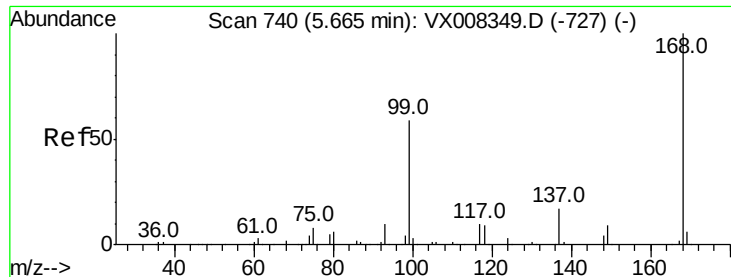
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008365.D

Acq: 23 Mar 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

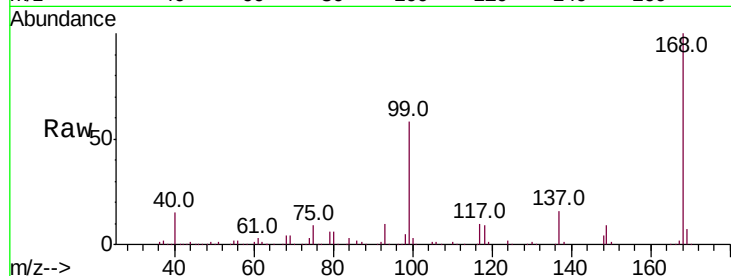
BPS1-TT-MW307S-20190314

Tot Ion:168 Resp: 221394

Ion Ratio Lower Upper

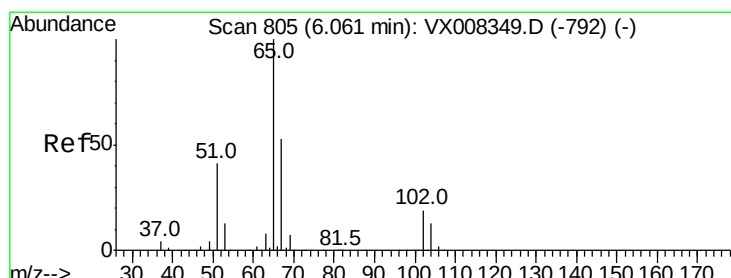
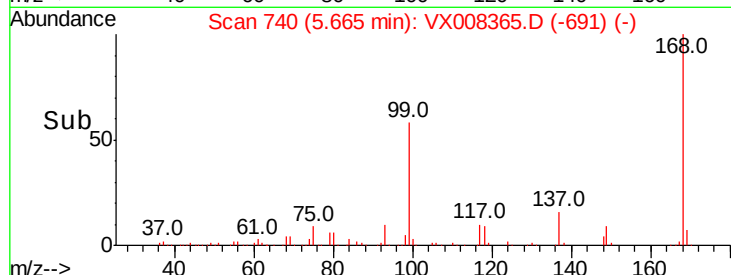
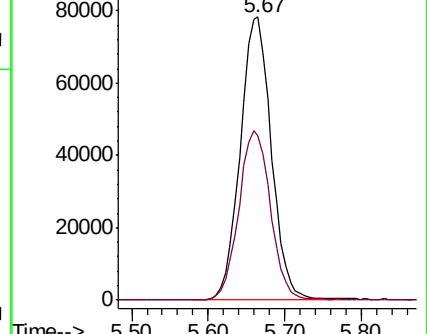
168 100

99 57.9 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: 49.414 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008365.D

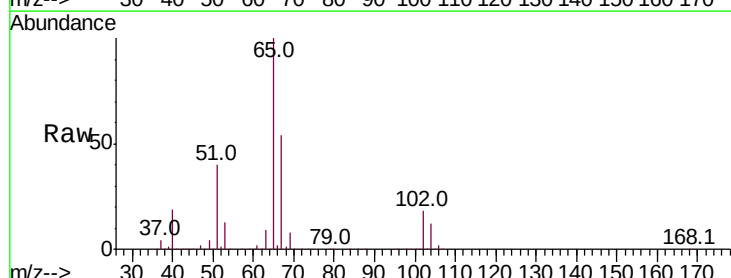
Acq: 23 Mar 2019 21:16

Tgt Ion: 65 Resp: 166855

Ion Ratio Lower Upper

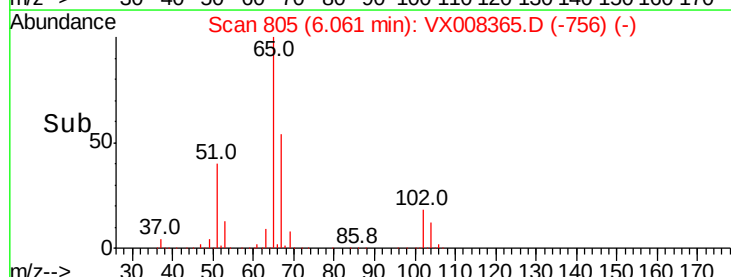
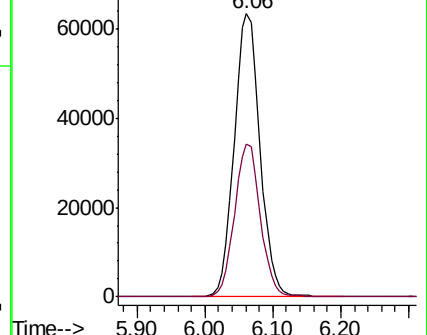
65 100

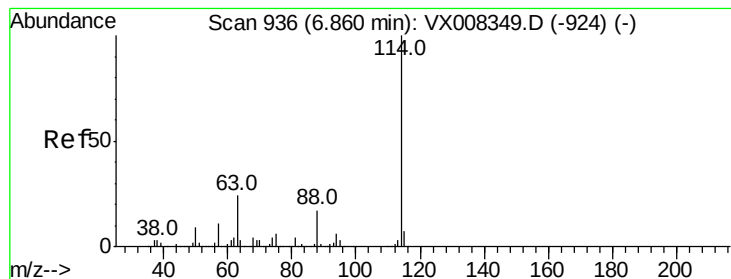
67 53.9 0.0 110.0



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: VX008365.D

Acq: 23 Mar 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307S-20190314

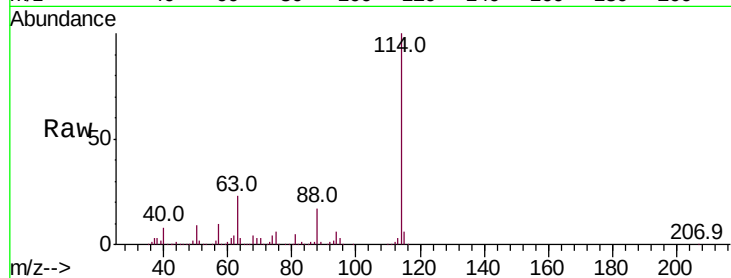
Tot Ion:114 Resp: 387902

Ion Ratio Lower Upper

114 100

63 23.3 0.0 39.8

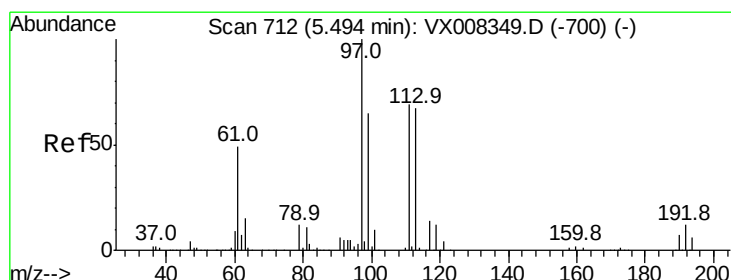
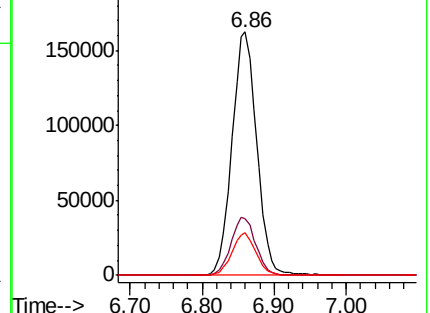
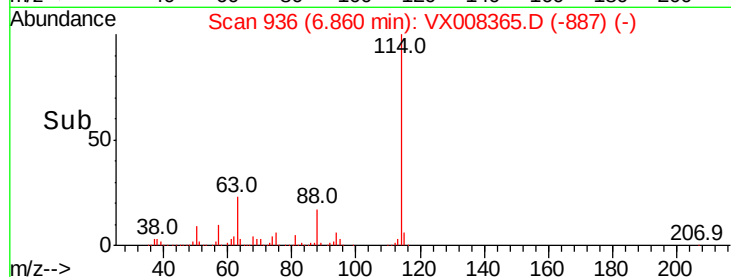
88 17.4 0.0 31.4



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: 47.830 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008365.D

Acq: 23 Mar 2019 21:16

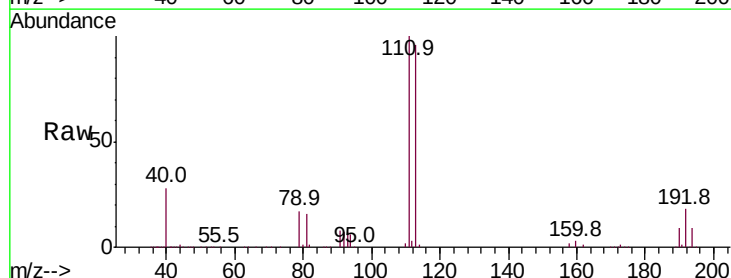
Tgt Ion:113 Resp: 120205

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

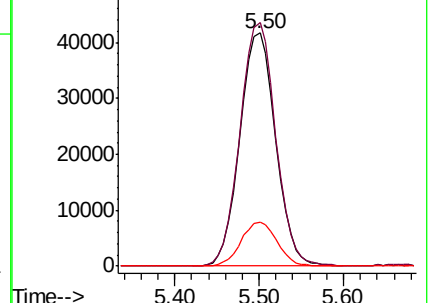
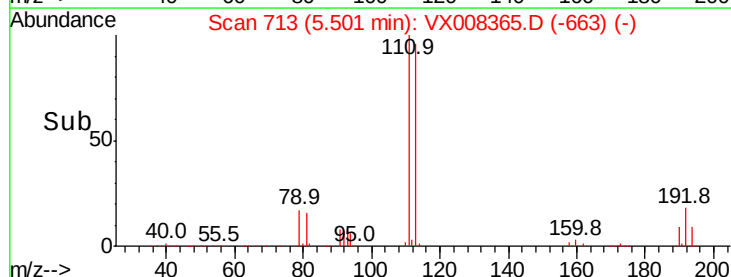
192 18.9 19.4 29.0#

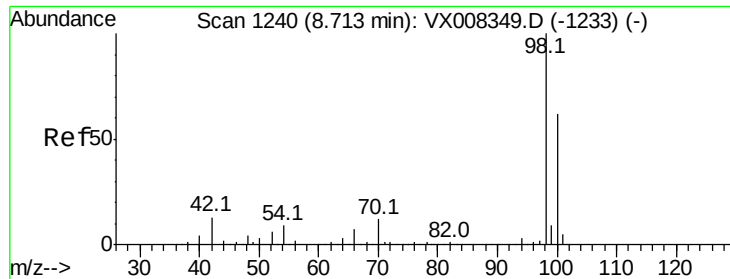


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.887 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008365.D

Acq: 23 Mar 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

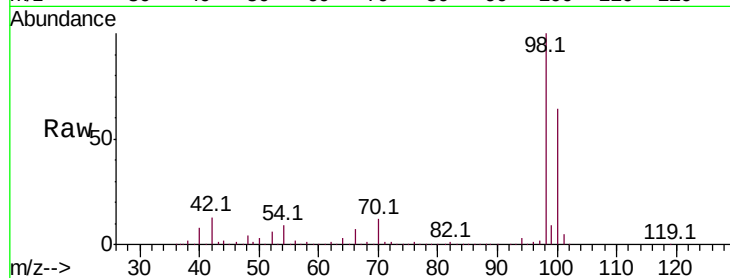
BPS1-TT-MW307S-20190314

Tot Ion: 98 Resp: 485955

Ion Ratio Lower Upper

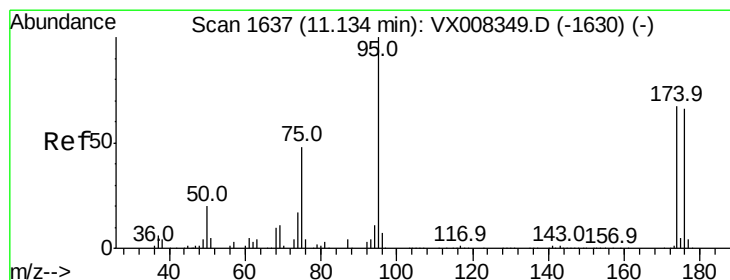
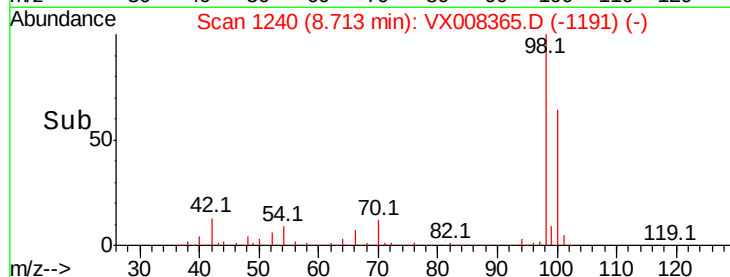
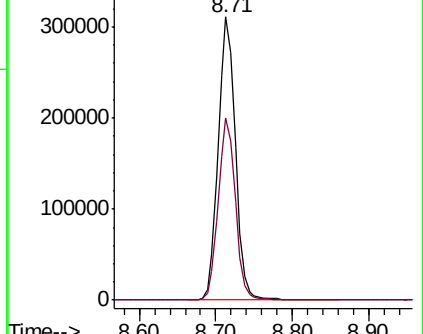
98 100

100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.283 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008365.D

Acq: 23 Mar 2019 21:16

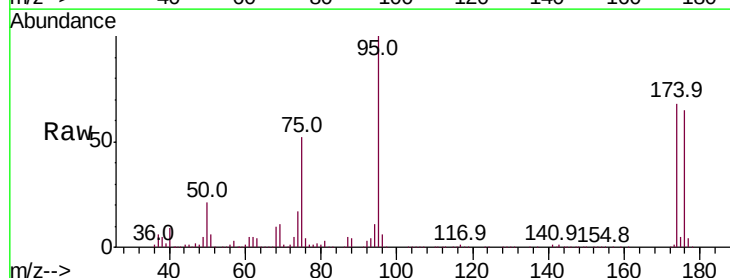
Tgt Ion: 95 Resp: 161621

Ion Ratio Lower Upper

95 100

174 73.0 0.0 182.8

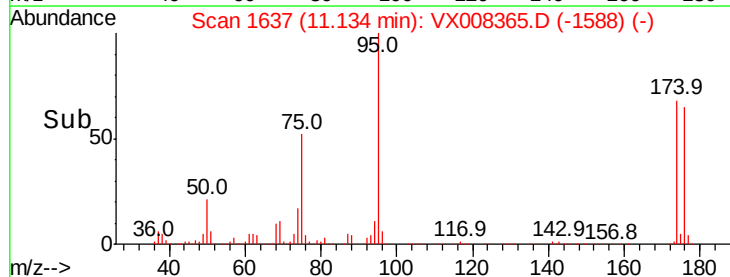
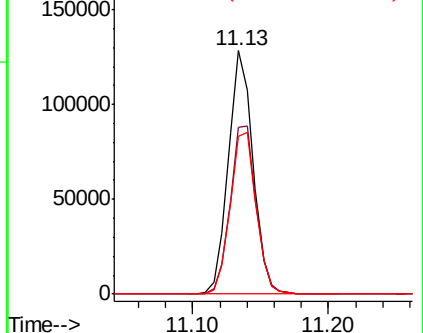
176 70.2 0.0 178.0

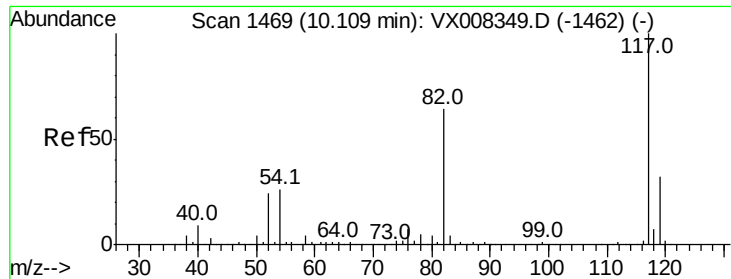


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

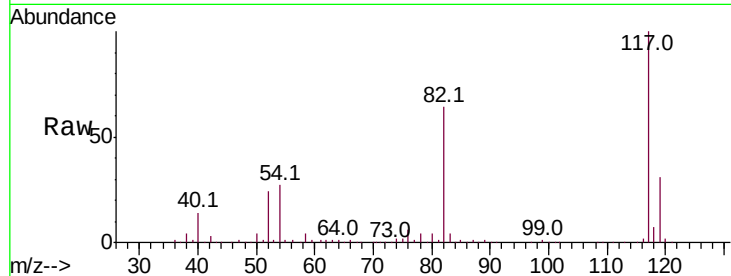




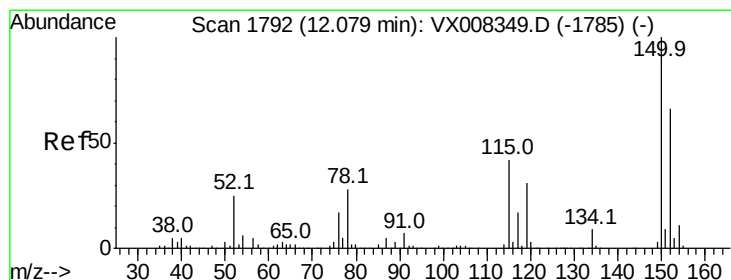
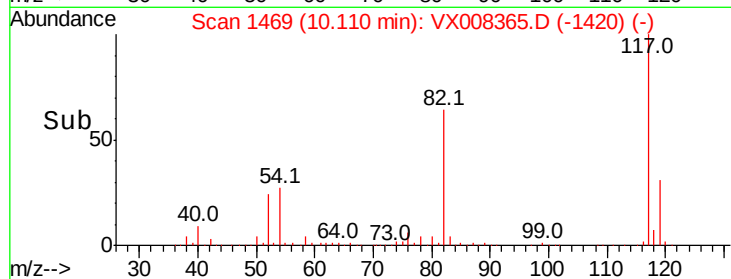
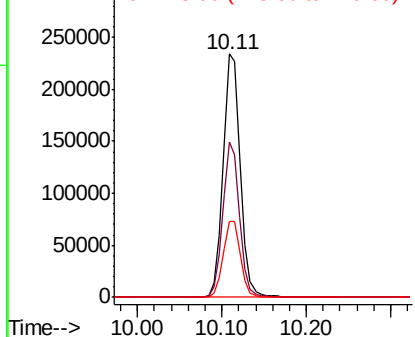
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008365.D
Acq: 23 Mar 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW307S-20190314

Tot Ion:117 Resp: 330684
Ion Ratio Lower Upper
117 100
82 63.7 44.3 66.5
119 31.4 25.3 37.9

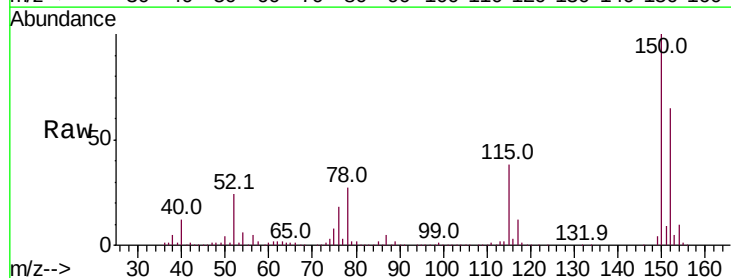


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008365.D
Acq: 23 Mar 2019 21:16

Tgt Ion:152 Resp: 135011
Ion Ratio Lower Upper
152 100
115 61.7 38.6 115.7
150 155.8 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

