

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032319\
 Data File : VX008373.D
 Acq On : 24 Mar 2019 00:22
 Operator : JC/SP
 Sample : K1900-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313

Quant Time: Mar 25 09:22:43 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

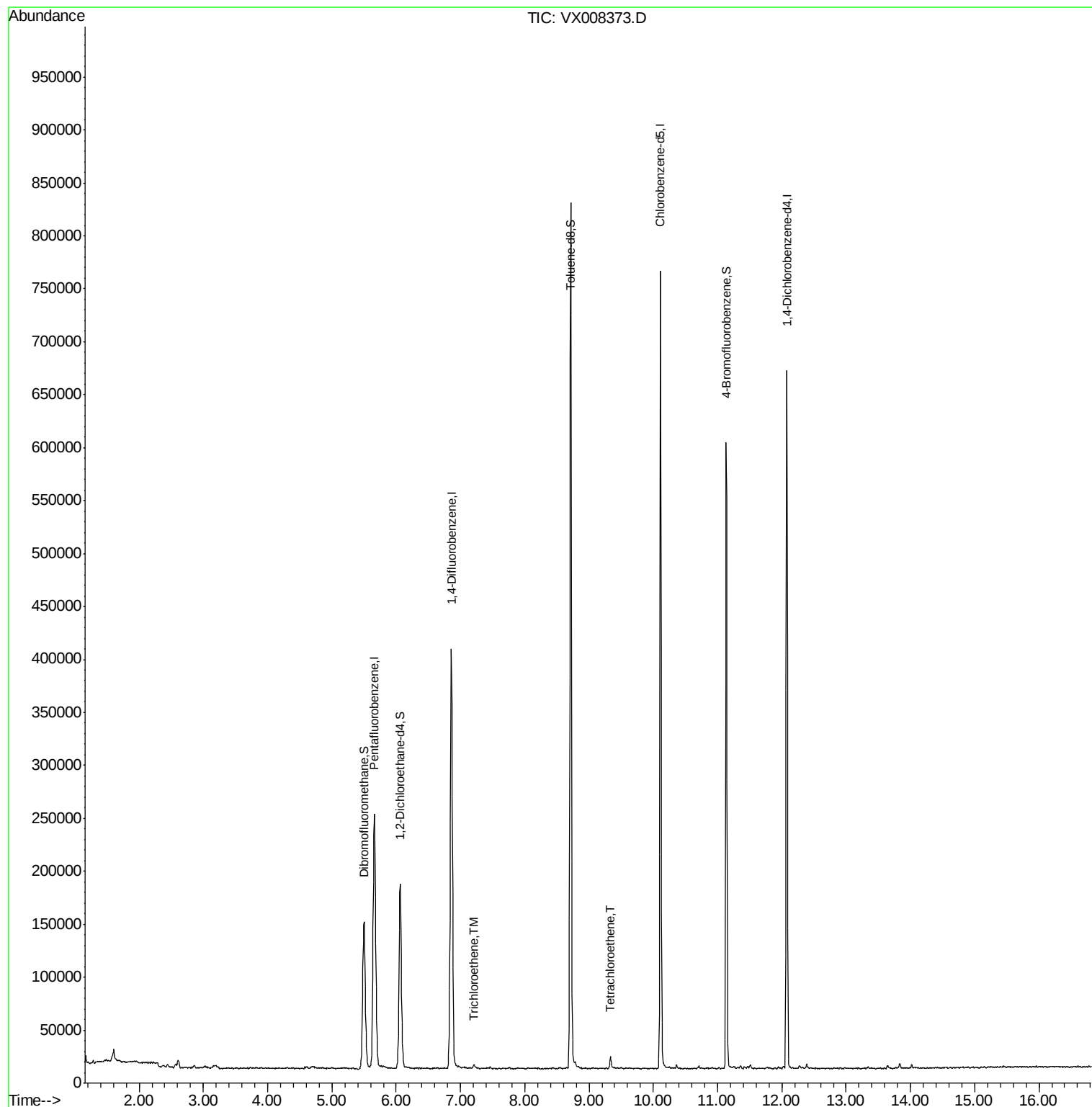
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	223008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	163946	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
35) Dibromofluoromethane	5.50	113	119393	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
50) Toluene-d8	8.71	98	480116	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.13	95	156535	43.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.76%	
Target Compounds						
44) Trichloroethene	7.21	130	1401	0.506	ug/l	86
64) Tetrachloroethene	9.33	164	1956	0.919	ug/l	89

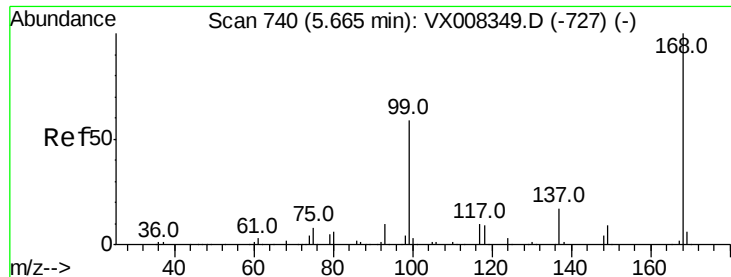
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008373.D

Acq: 24 Mar 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

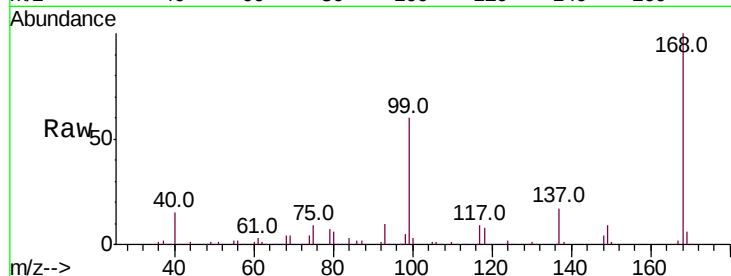
BPS1-TT-MW309D-20190313

Tot Ion:168 Resp: 223008

Ion Ratio Lower Upper

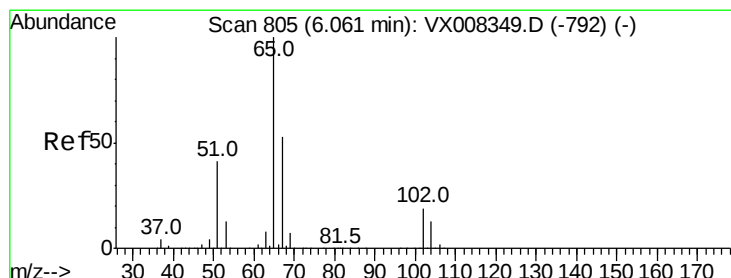
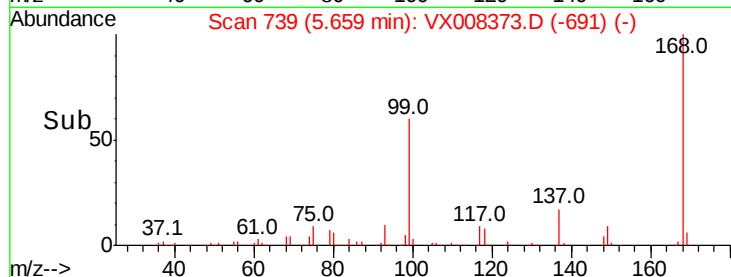
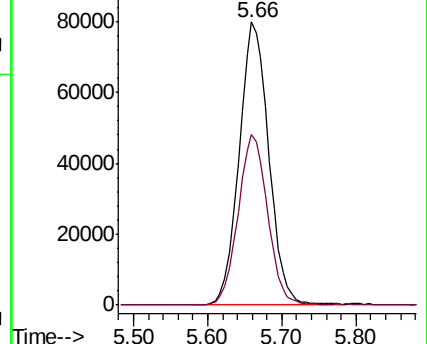
168 100

99 60.1 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: 48.201 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008373.D

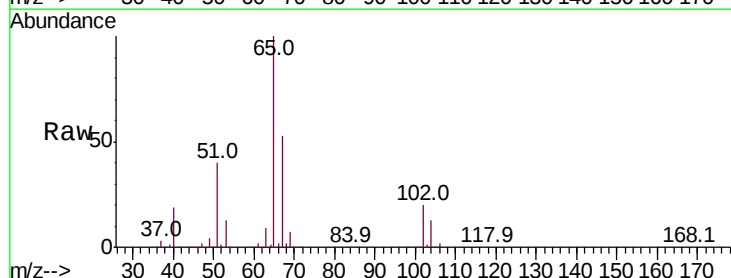
Acq: 24 Mar 2019 00:22

Tgt Ion: 65 Resp: 163946

Ion Ratio Lower Upper

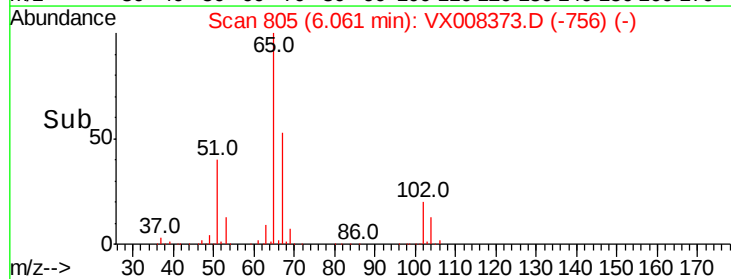
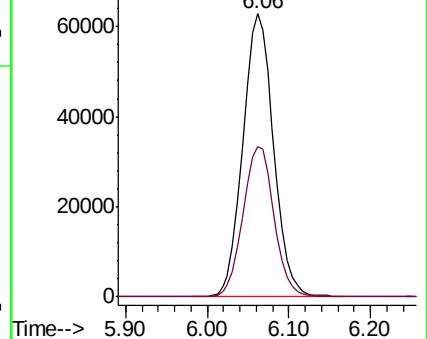
65 100

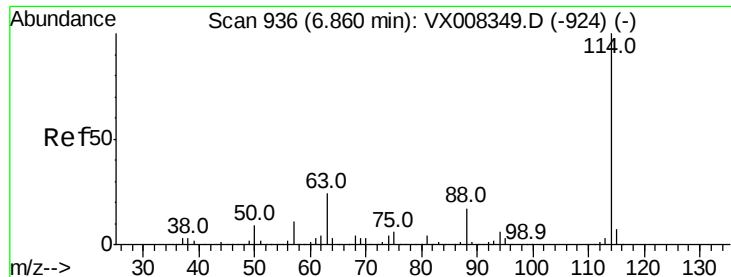
67 53.9 0.0 110.0



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: VX008373.D

Acq: 24 Mar 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313

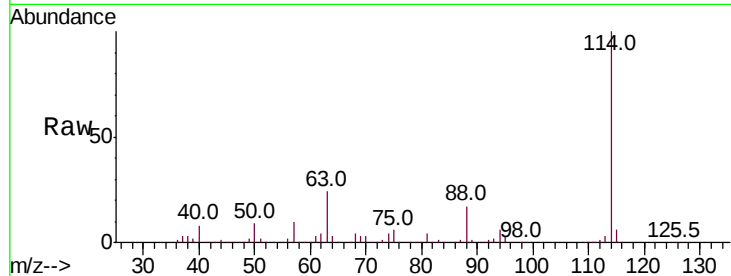
Tot Ion:114 Resp: 383482

Ion Ratio Lower Upper

114 100

63 24.1 0.0 39.8

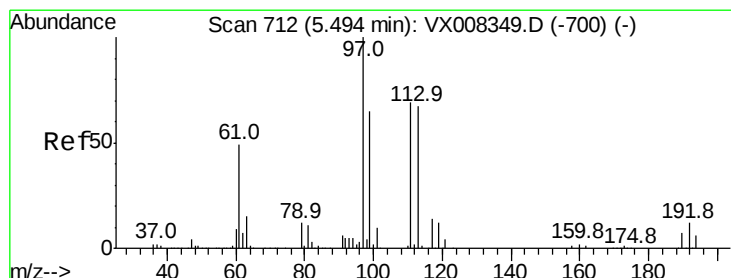
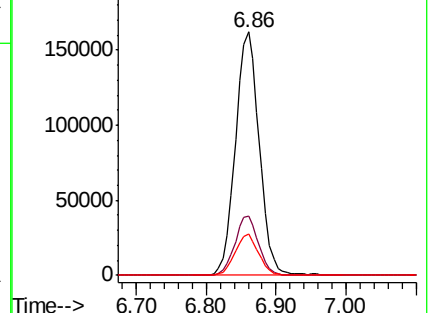
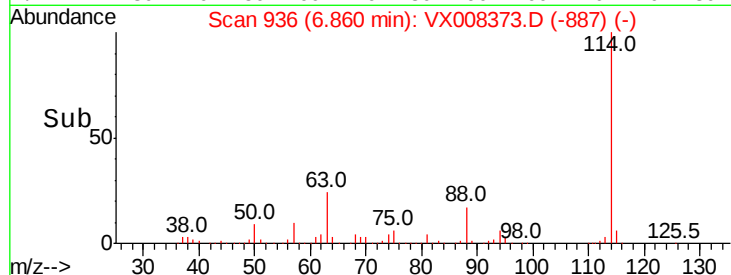
88 17.0 0.0 31.4



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: 48.054 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008373.D

Acq: 24 Mar 2019 00:22

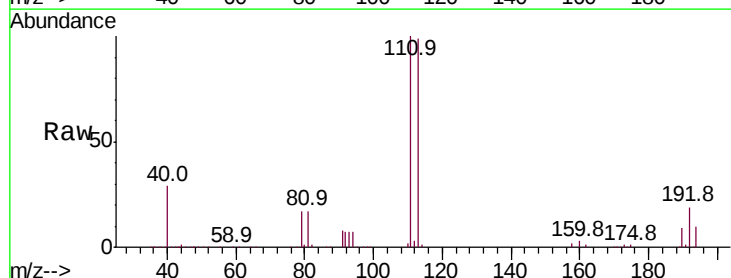
Tgt Ion:113 Resp: 119393

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

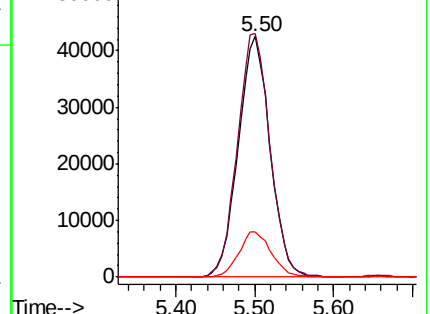
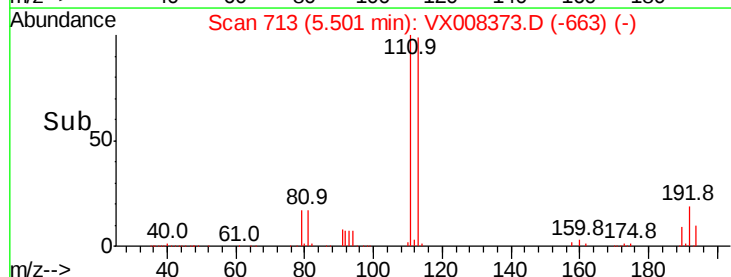
192 19.4 19.4 29.0

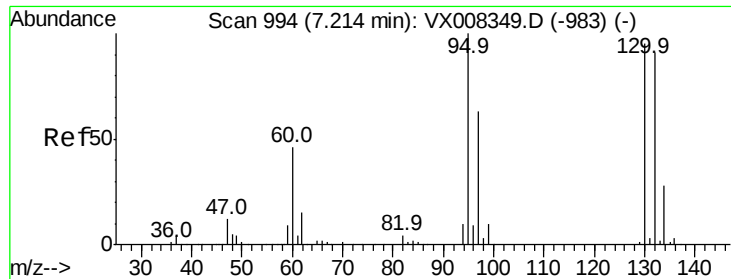


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.506 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008373.D

Acq: 24 Mar 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

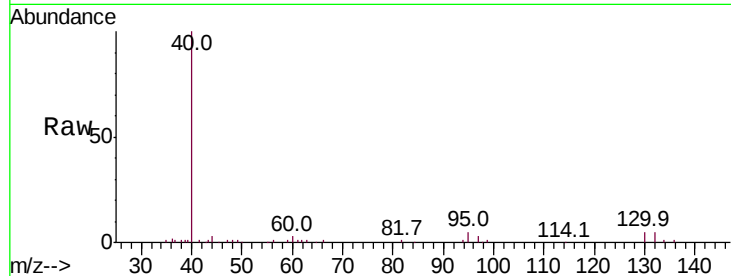
BPS1-TT-MW309D-20190313

Tot Ion:130 Resp: 1401

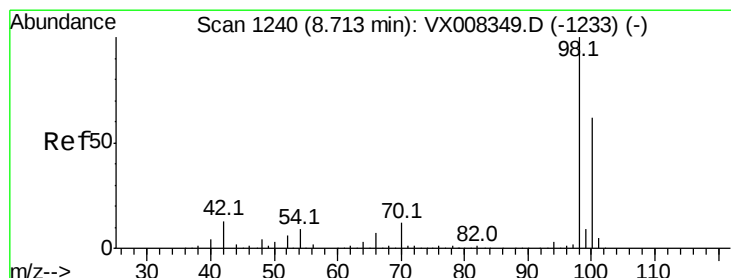
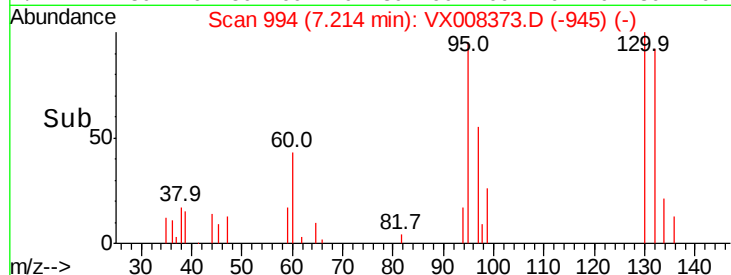
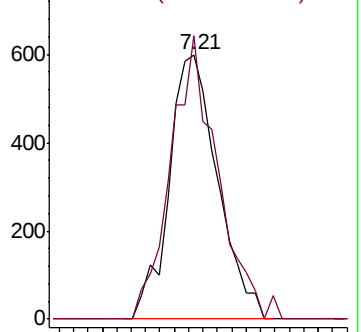
Ion Ratio Lower Upper

130 100

95 107.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VX008349.D (-983) (-)



#50

Toluene-d8

Concen: 48.856 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008373.D

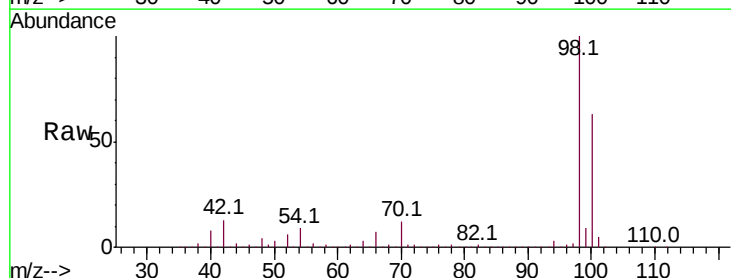
Acq: 24 Mar 2019 00:22

Tgt Ion: 98 Resp: 480116

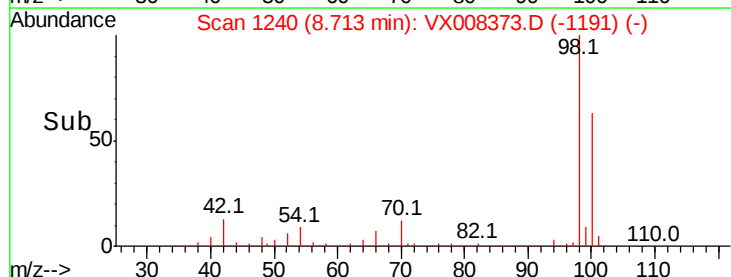
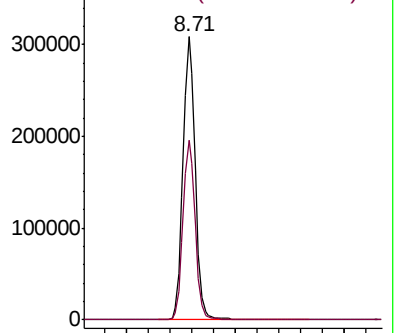
Ion Ratio Lower Upper

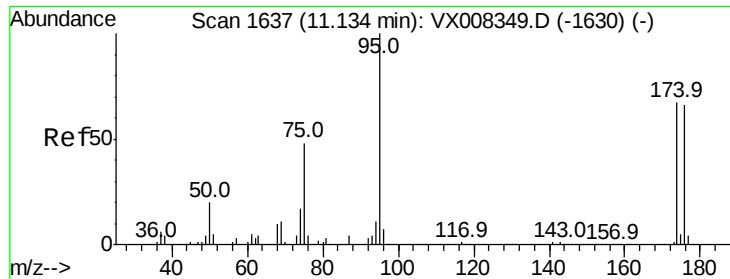
98 100

100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX008349.D (-1233) (-)





#62

4-Bromofluorobenzene

Concen: 43.384 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008373.D

Acq: 24 Mar 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190313

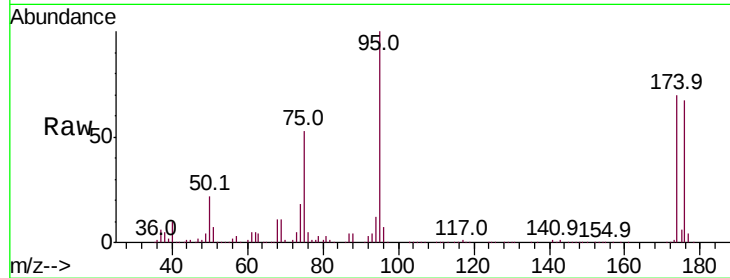
Tot Ion: 95 Resp: 156535

Ion Ratio Lower Upper

95 100

174 74.1 0.0 182.8

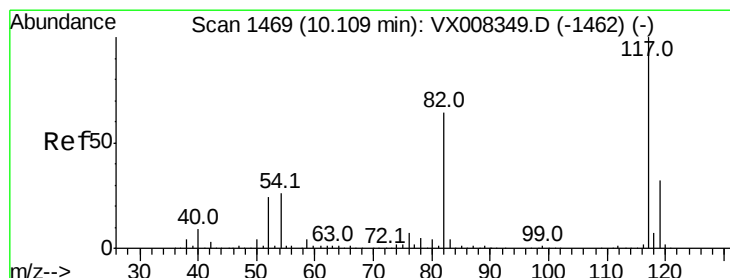
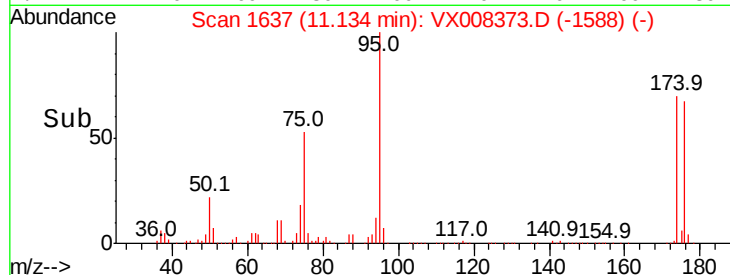
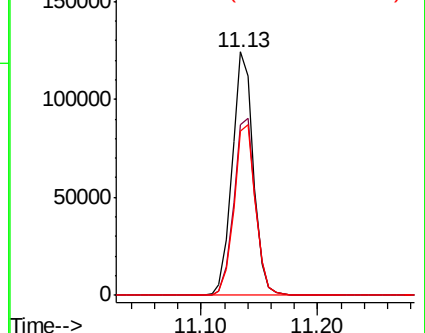
176 71.4 0.0 178.0



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: VX008373.D

Acq: 24 Mar 2019 00:22

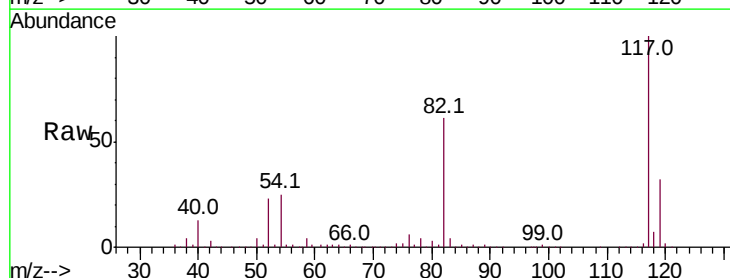
Tgt Ion: 117 Resp: 325578

Ion Ratio Lower Upper

117 100

82 61.4 44.3 66.5

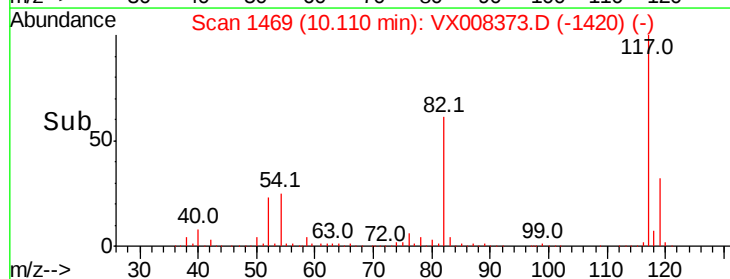
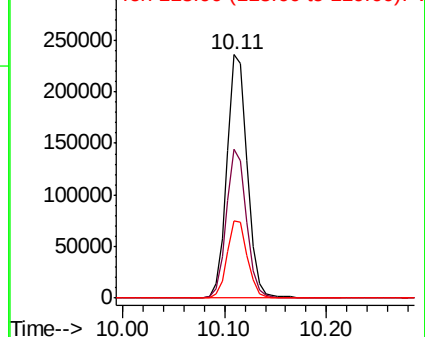
119 31.7 25.3 37.9

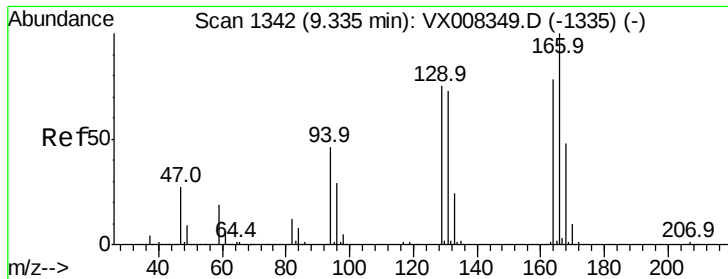


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

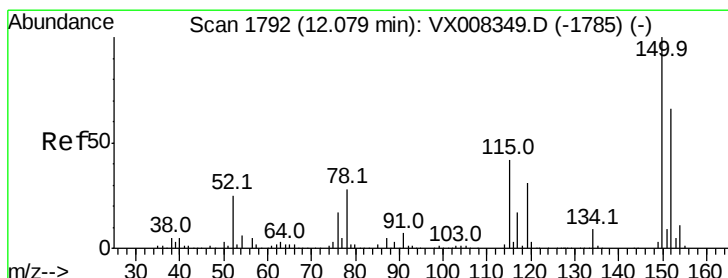
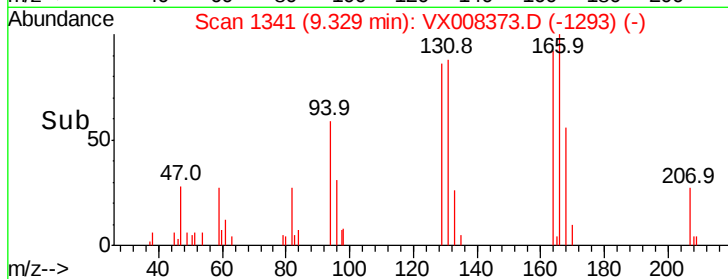
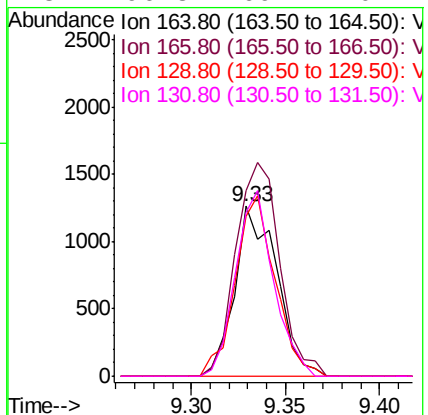
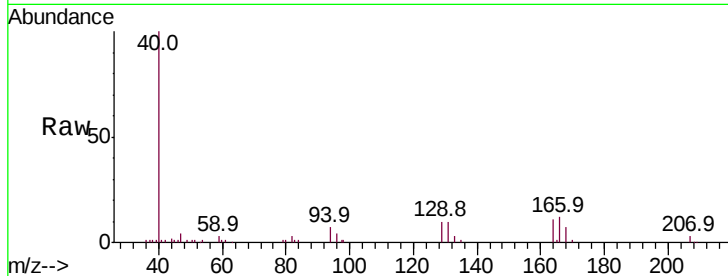




#64
 Tetrachloroethene
 Concen: 0.919 ug/l
 RT: 9.33 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: VX008373.D
 Acq: 24 Mar 2019 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313

Tot Ion:	164	Resp:	1956
Ion	Ratio	Lower	Upper
164	100		
166	109.1	103.4	155.0
129	94.3	72.2	108.4
131	96.3	69.4	104.2



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008373.D
 Acq: 24 Mar 2019 00:22

Tgt Ion:	152	Resp:	132104
Ion	Ratio	Lower	Upper
152	100		
115	61.6	38.6	115.7
150	156.7	0.0	348.4

