

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010378.D
 Acq On : 21 Jun 2019 12:41
 Operator : JC/SP
 Sample : K3473-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 21 23:59:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	472575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	418818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193842	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	142884	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	5.50	113	142644	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	8.71	98	551499	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.13	95	182254	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	

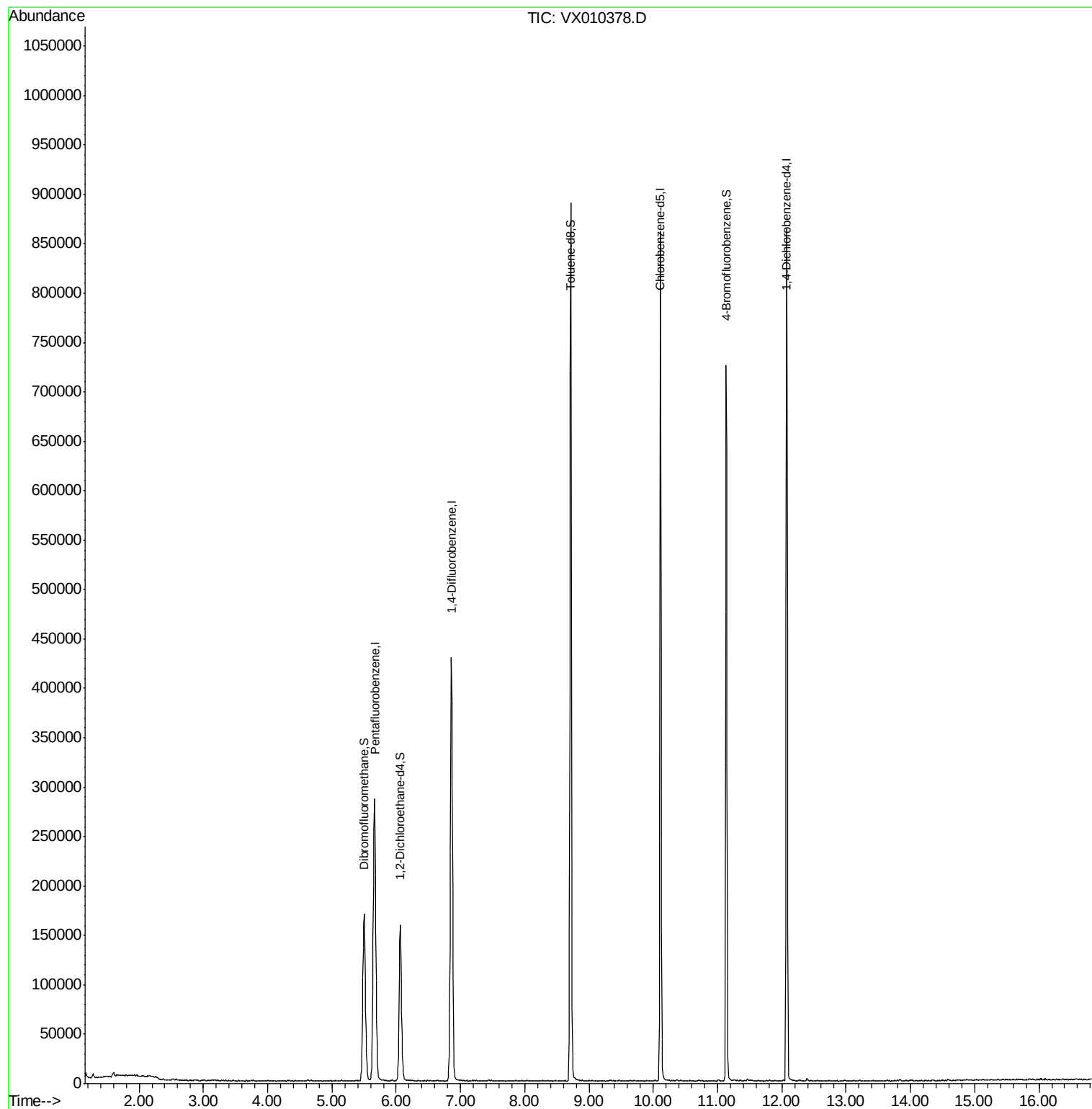
Target Compounds	Qvalue

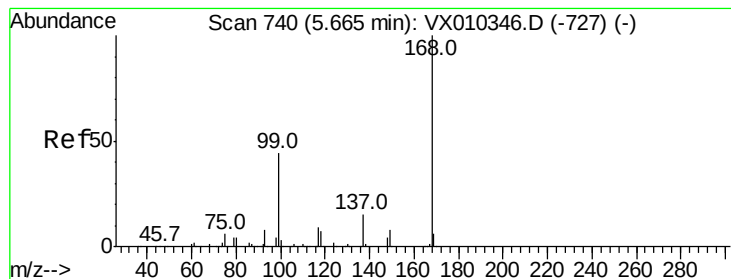
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010378.D

Acq: 21 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

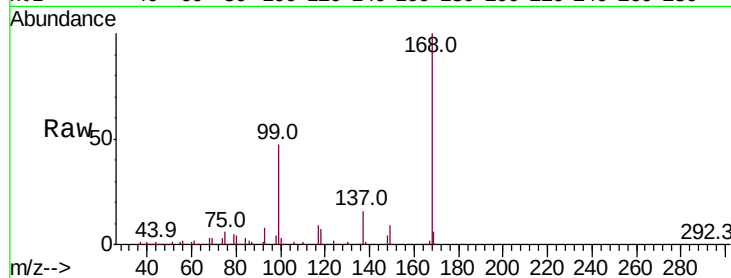
TRIP-BLANK

Tot Ion:168 Resp: 305333

Ion Ratio Lower Upper

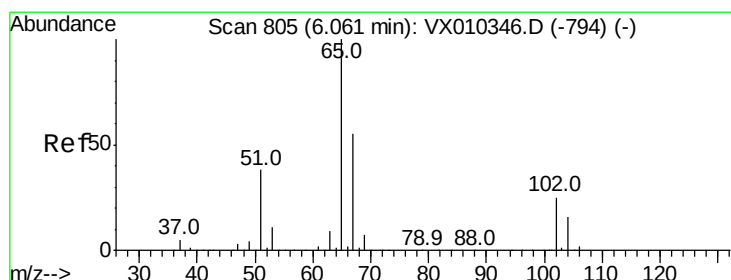
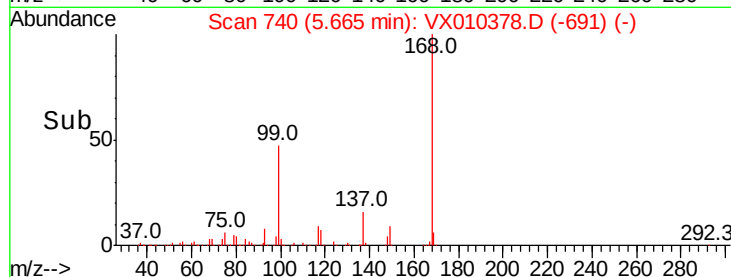
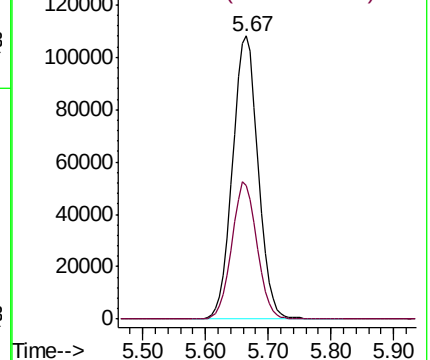
168 100

99 47.2 35.5 53.3



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: 49.911 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010378.D

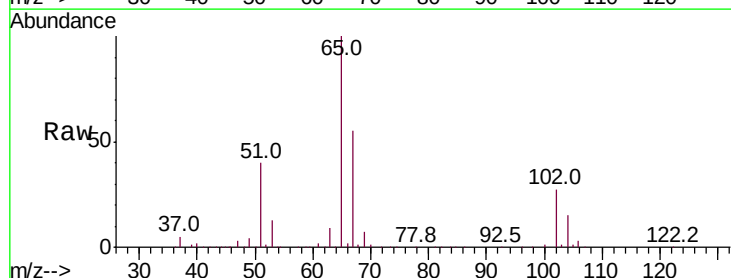
Acq: 21 Jun 2019 12:41

Tgt Ion: 65 Resp: 142884

Ion Ratio Lower Upper

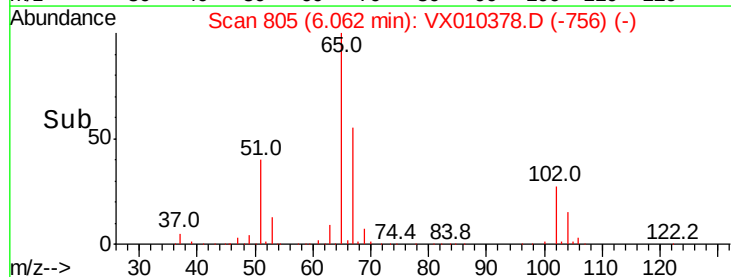
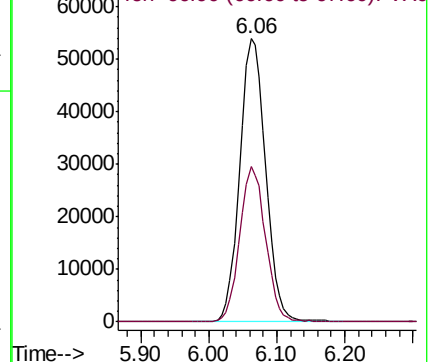
65 100

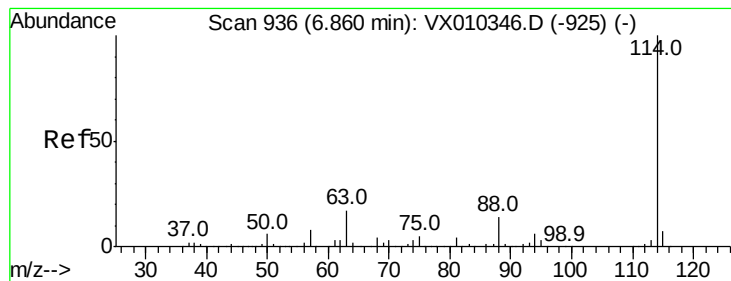
67 54.7 0.0 110.2



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: VX010378.D

Acq: 21 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

TRIP-BLANK

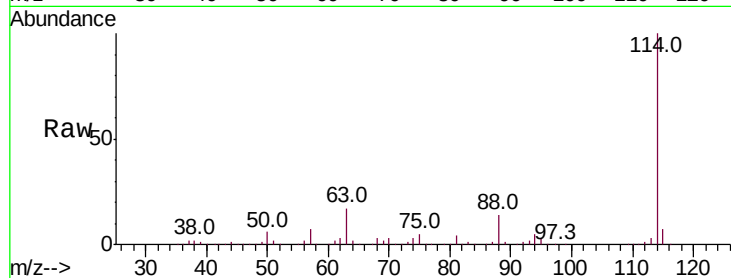
Tot Ion:114 Resp: 472575

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

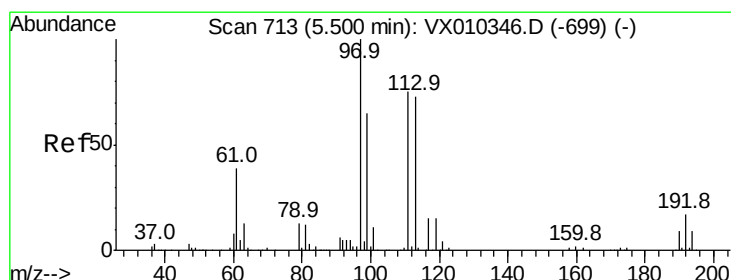
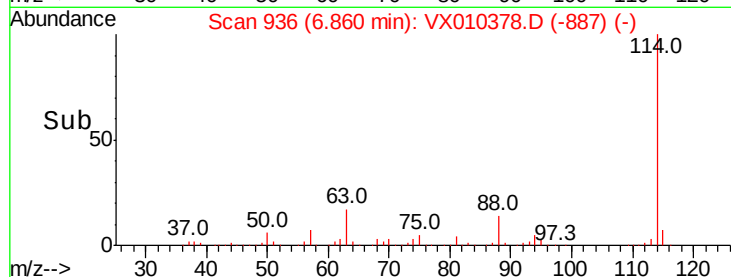
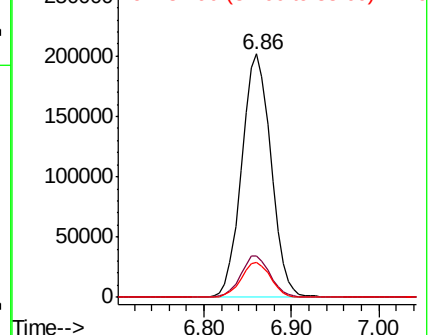
88 14.5 0.0 27.6



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: 49.334 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010378.D

Acq: 21 Jun 2019 12:41

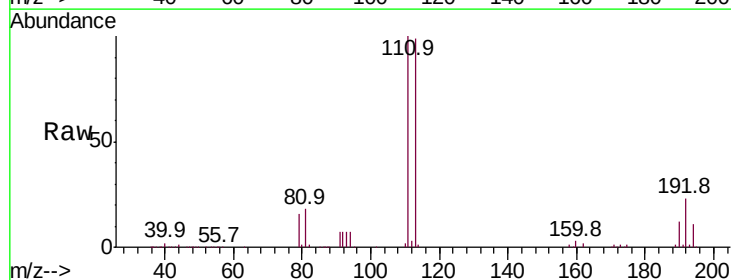
Tgt Ion:113 Resp: 142644

Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

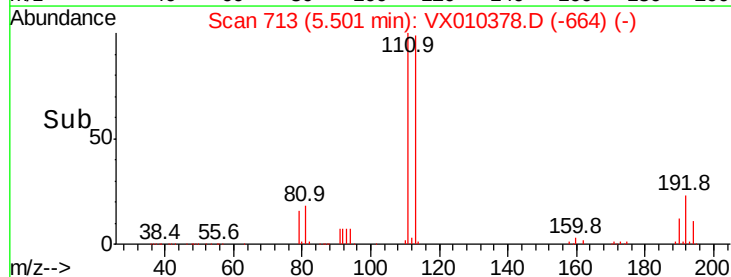
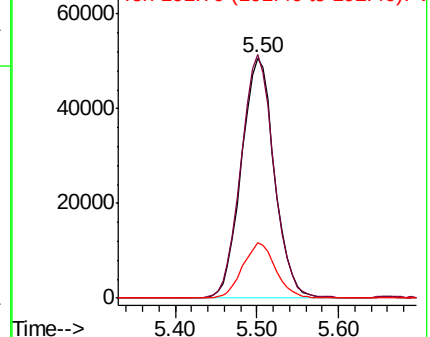
192 23.0 18.6 27.8

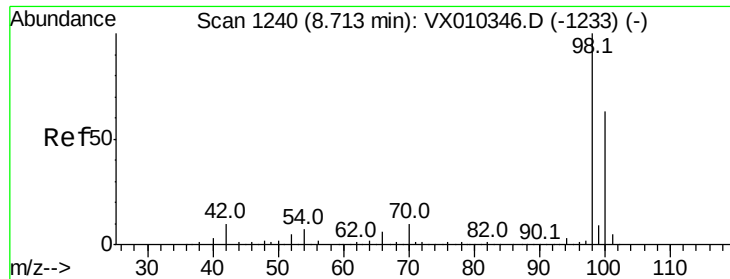


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

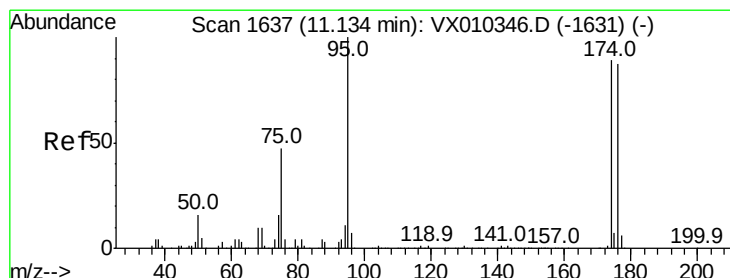
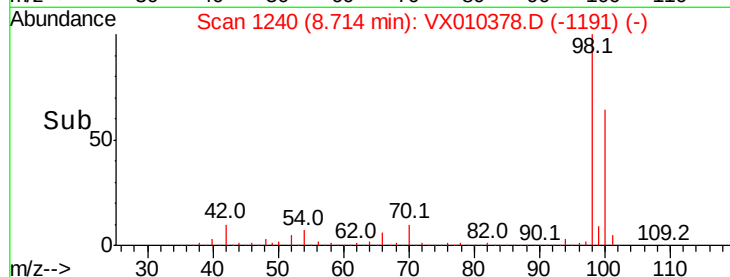
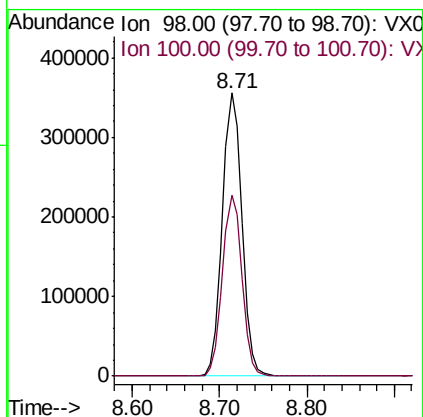
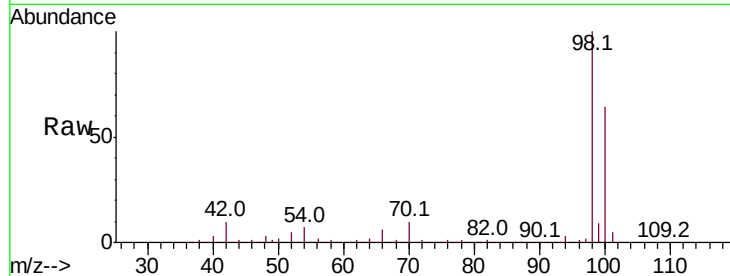




#50
Toluene-d8
Concen: 49.856 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010378.D
Acq: 21 Jun 2019 12:41

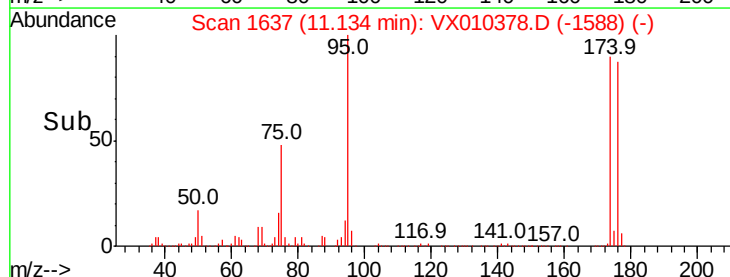
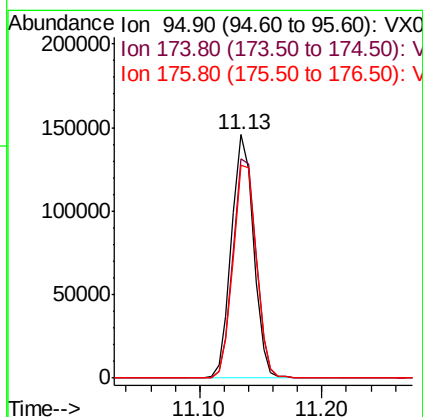
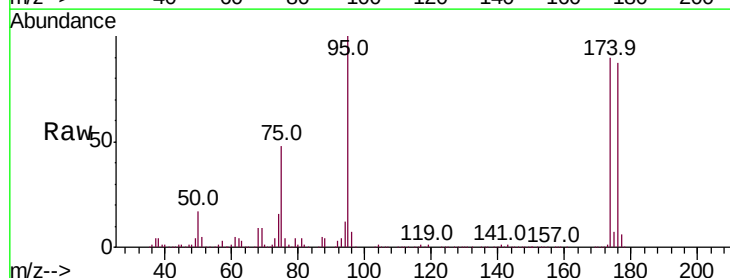
Instrument :
MSVOA_X
ClientSampleId :
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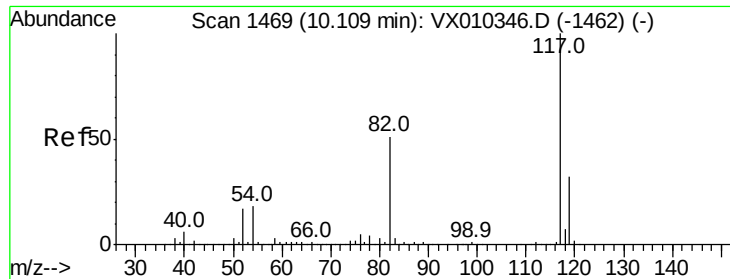
Tot Ion: 98 Resp: 551499
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.636 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010378.D
Acq: 21 Jun 2019 12:41

Tgt Ion: 95 Resp: 182254
Ion Ratio Lower Upper
95 100
174 94.6 0.0 187.6
176 91.9 0.0 184.0

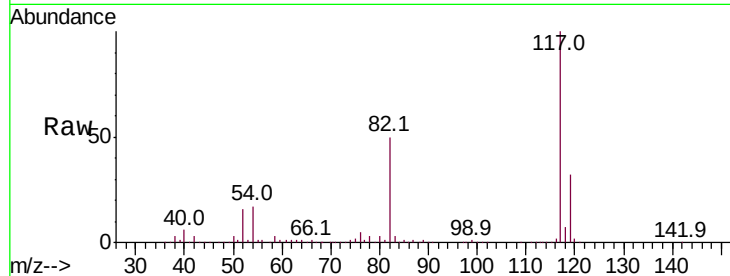




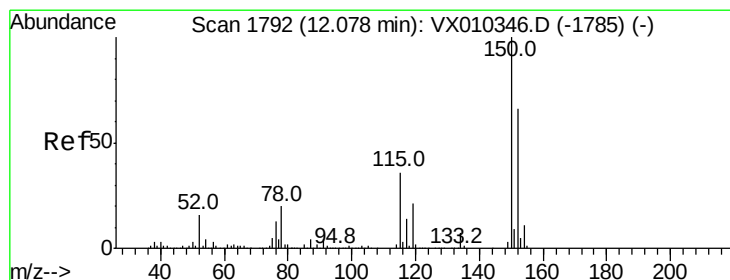
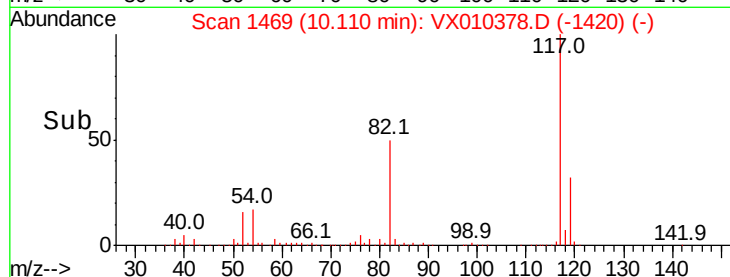
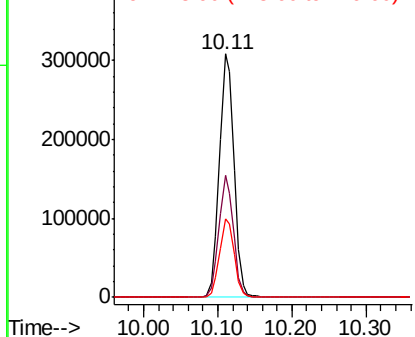
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010378.D
Acq: 21 Jun 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	41.2	61.8
119	32.3	25.5	38.3

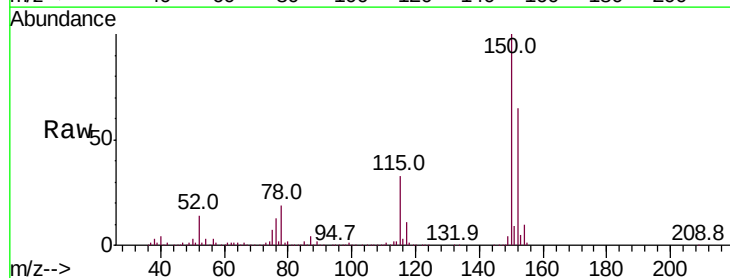


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010378.D
Acq: 21 Jun 2019 12:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	38.6	115.7
150	156.4	0.0	347.4



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

