

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002728.D
 Acq On : 19 Jun 2018 22:04
 Operator : JC/MD
 Sample : J3502-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20180367-SITE-WATER

Quant Time: Jun 20 18:17:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161490	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	149857	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
35) Dibromofluoromethane	5.51	113	116766	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
50) Toluene-d8	8.72	98	439169	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
62) 4-Bromofluorobenzene	11.14	95	152589	43.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.34%	

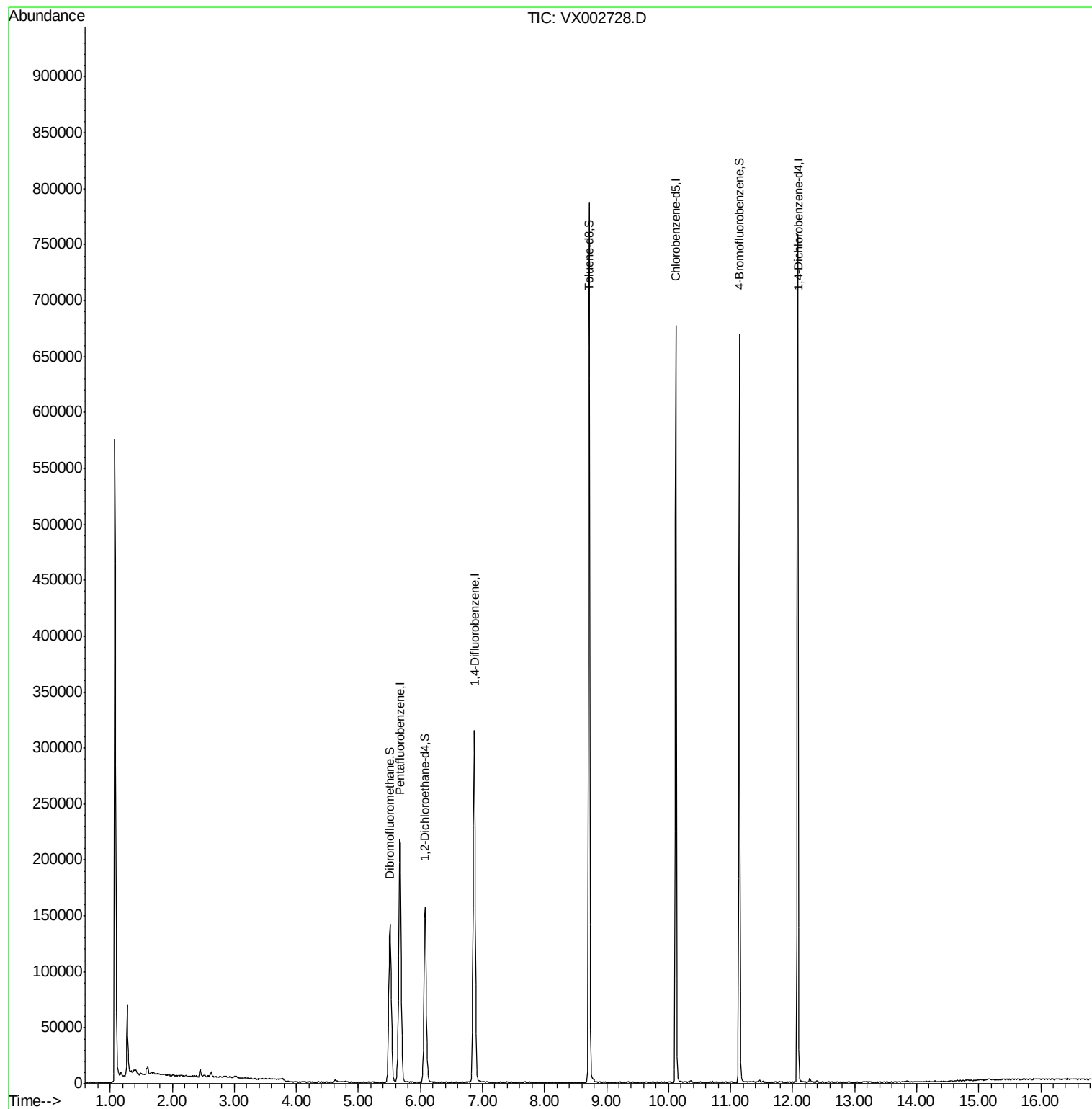
Target Compounds	Qvalue
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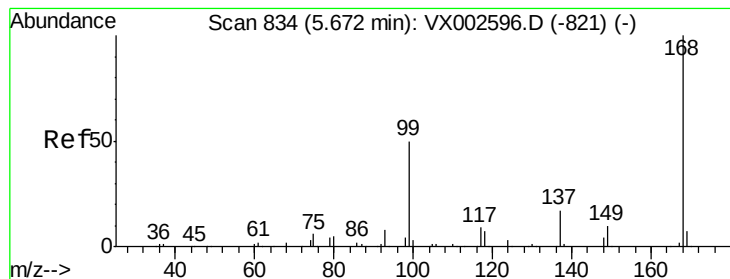
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002728.D

Acq: 19 Jun 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

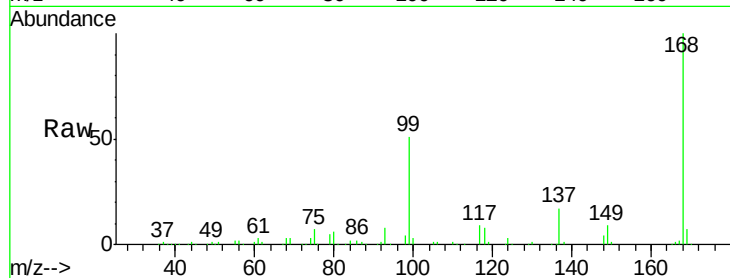
20180367-SITE-WATER

Tot Ion:168 Resp: 216025

Ion Ratio Lower Upper

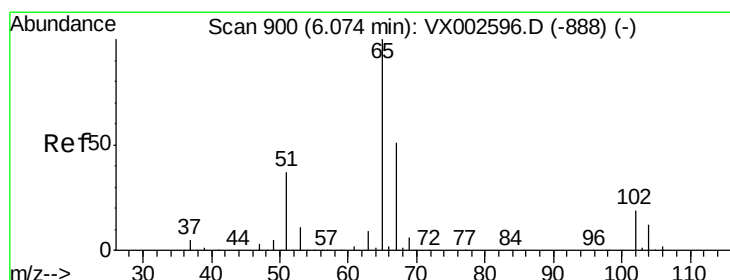
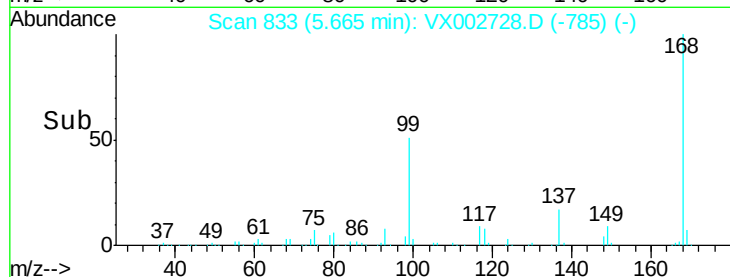
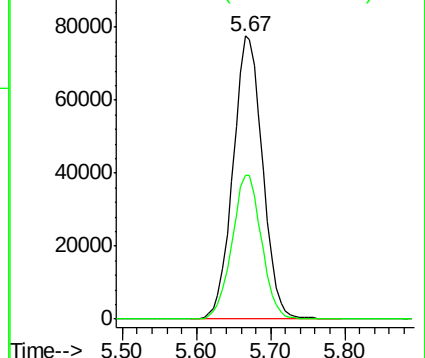
168 100

99 51.0 39.3 58.9



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: 45.65 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002728.D

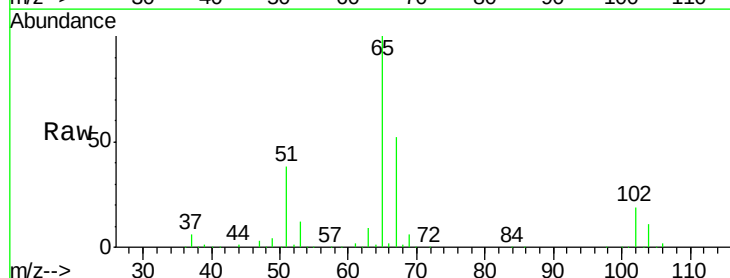
Acq: 19 Jun 2018 22:04

Tgt Ion: 65 Resp: 149857

Ion Ratio Lower Upper

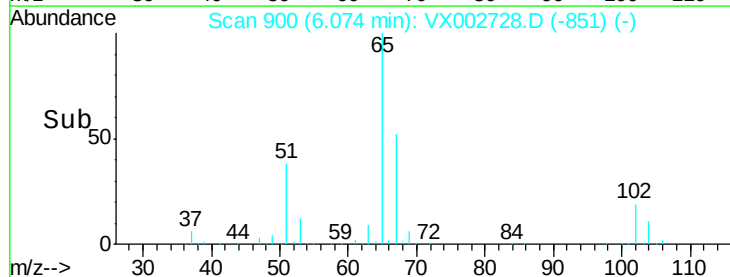
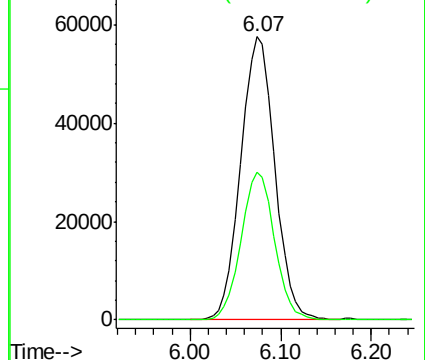
65 100

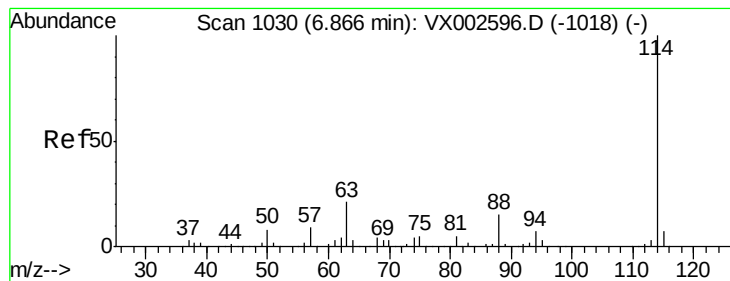
67 51.5 0.0 102.6



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: VX002728.D

Acq: 19 Jun 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

20180367-SITE-WATER

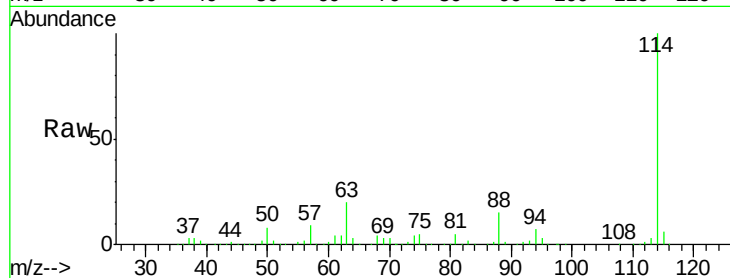
Tot Ion:114 Resp: 307792

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

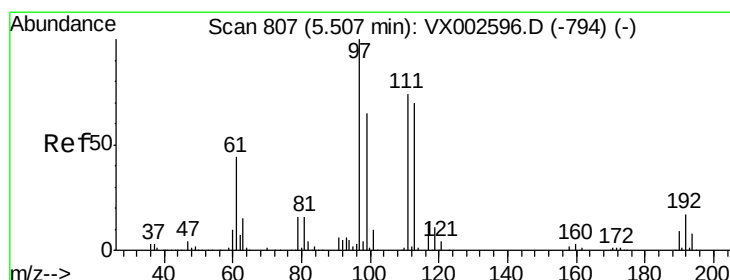
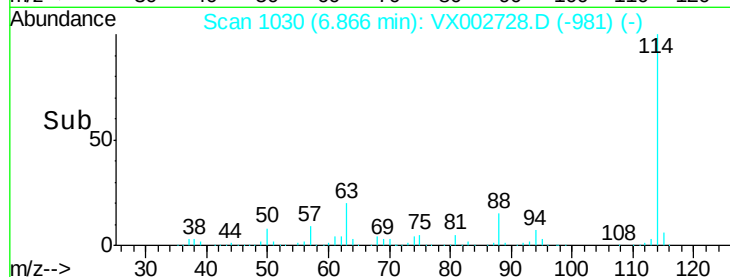
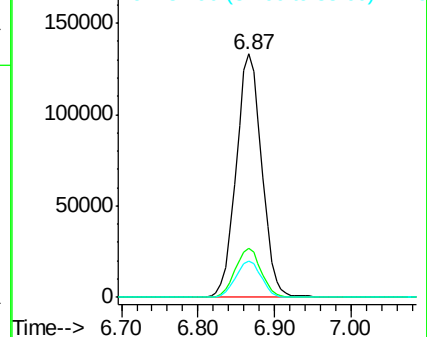
88 14.8 0.0 30.0



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: 47.53 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002728.D

Acq: 19 Jun 2018 22:04

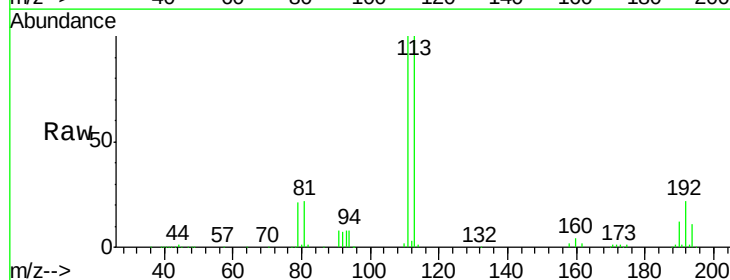
Tgt Ion:113 Resp: 116766

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

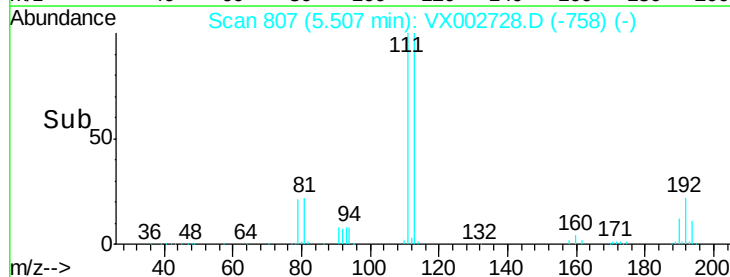
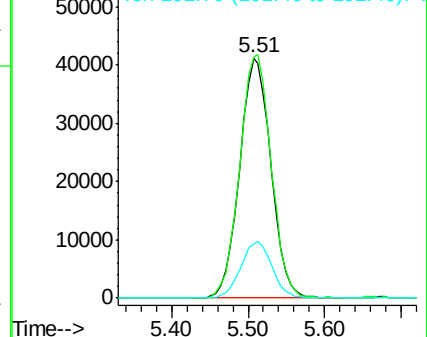
192 23.7 19.1 28.7

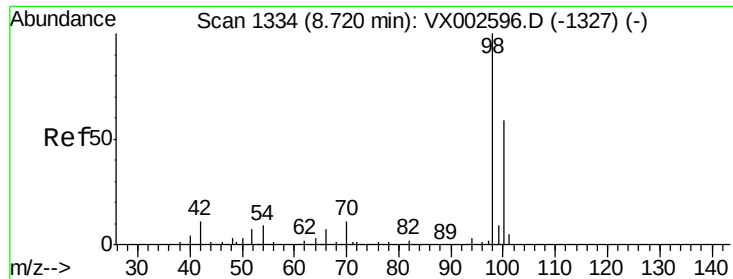


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

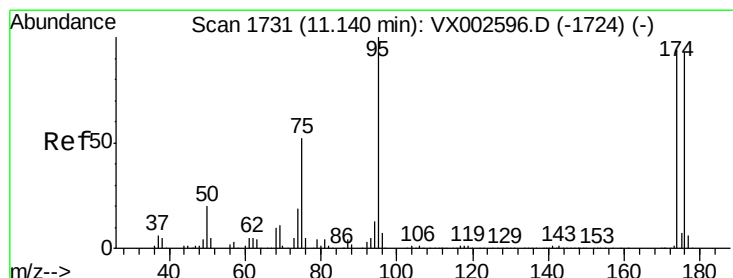
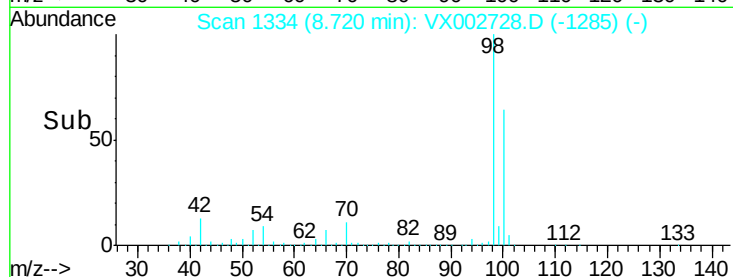
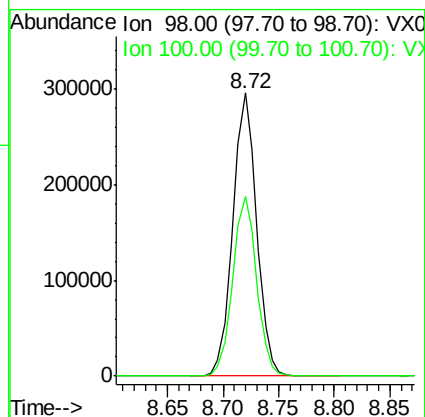
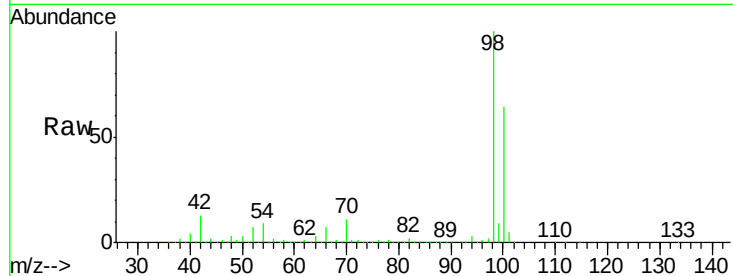




#50
Toluene-d8
Concen: 47.08 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002728.D
Acq: 19 Jun 2018 22:04

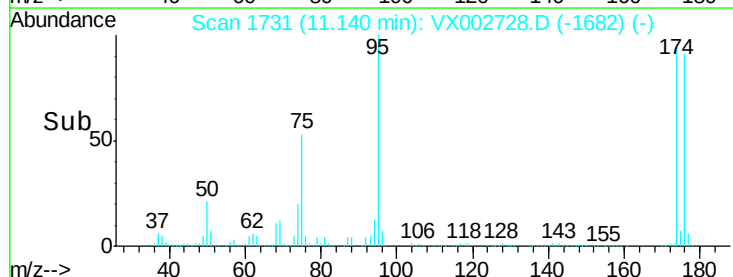
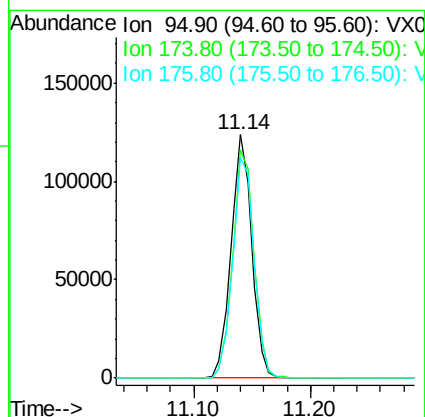
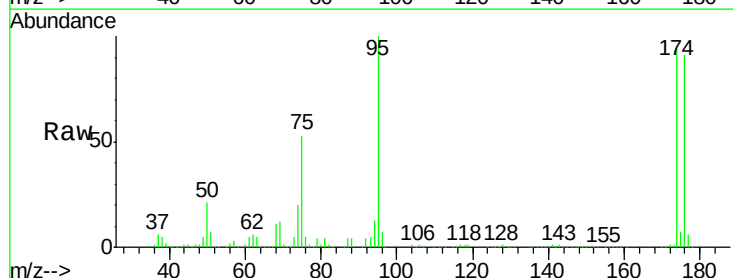
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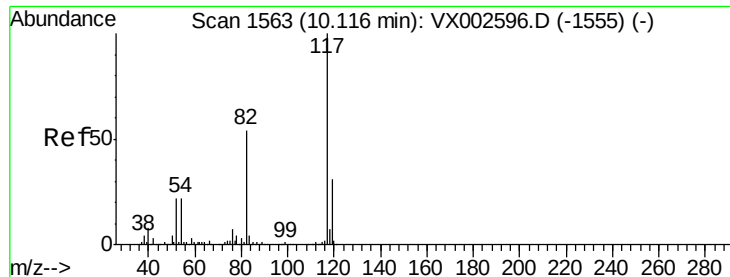
Tot Ion: 98 Resp: 439169
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.17 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002728.D
Acq: 19 Jun 2018 22:04

Tgt Ion: 95 Resp: 152589
Ion Ratio Lower Upper
95 100
174 97.2 0.0 187.4
176 93.6 0.0 181.0

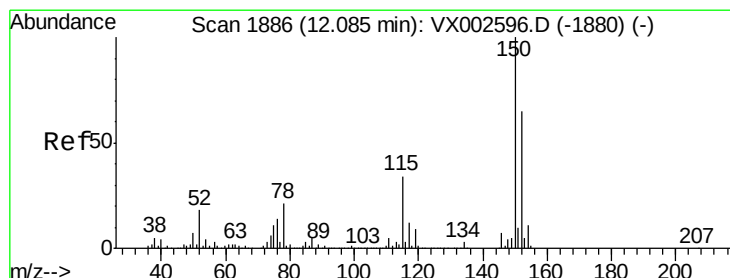
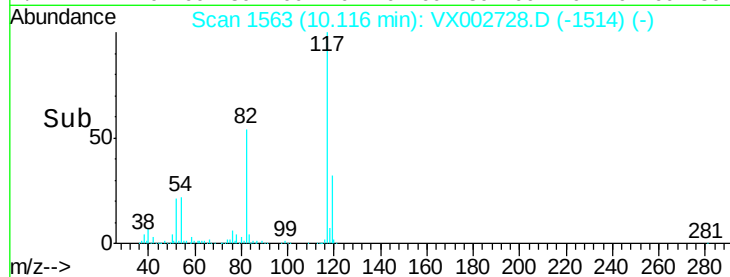
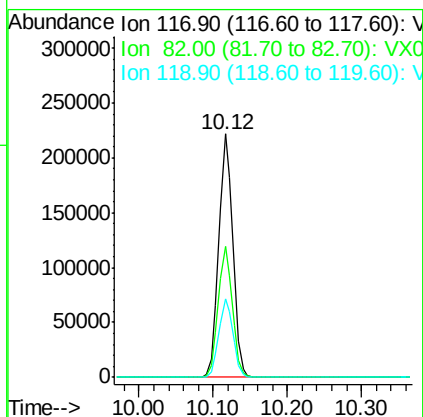
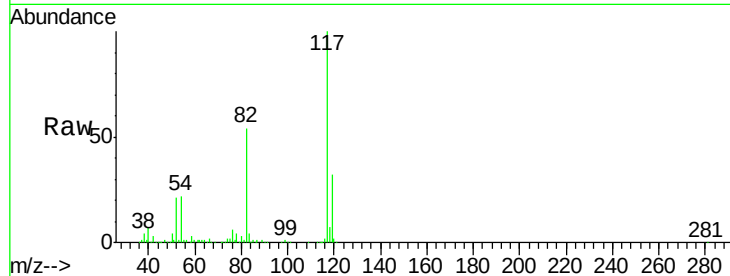




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002728.D
Acq: 19 Jun 2018 22:04

Instrument :
MSVOA_X
ClientSampleId :
20180367-SITE-WATER

Tot Ion:117 Resp: 288066
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002728.D
Acq: 19 Jun 2018 22:04

Tgt Ion:152 Resp: 161490
Ion Ratio Lower Upper
152 100
115 54.5 40.1 120.2
150 156.3 0.0 347.2

