

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032718\
 Data File : VX000477.D
 Acq On : 27 Mar 2018 23:18
 Operator : JC/MD
 Sample : J2083-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DD-20180326

Quant Time: Mar 28 08:19:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	108916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	195587	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	188577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	97748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	81577	57.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.76%	
35) Dibromofluoromethane	5.51	113	62743	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
50) Toluene-d8	8.73	98	246503	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.15	95	84181	40.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.78%	

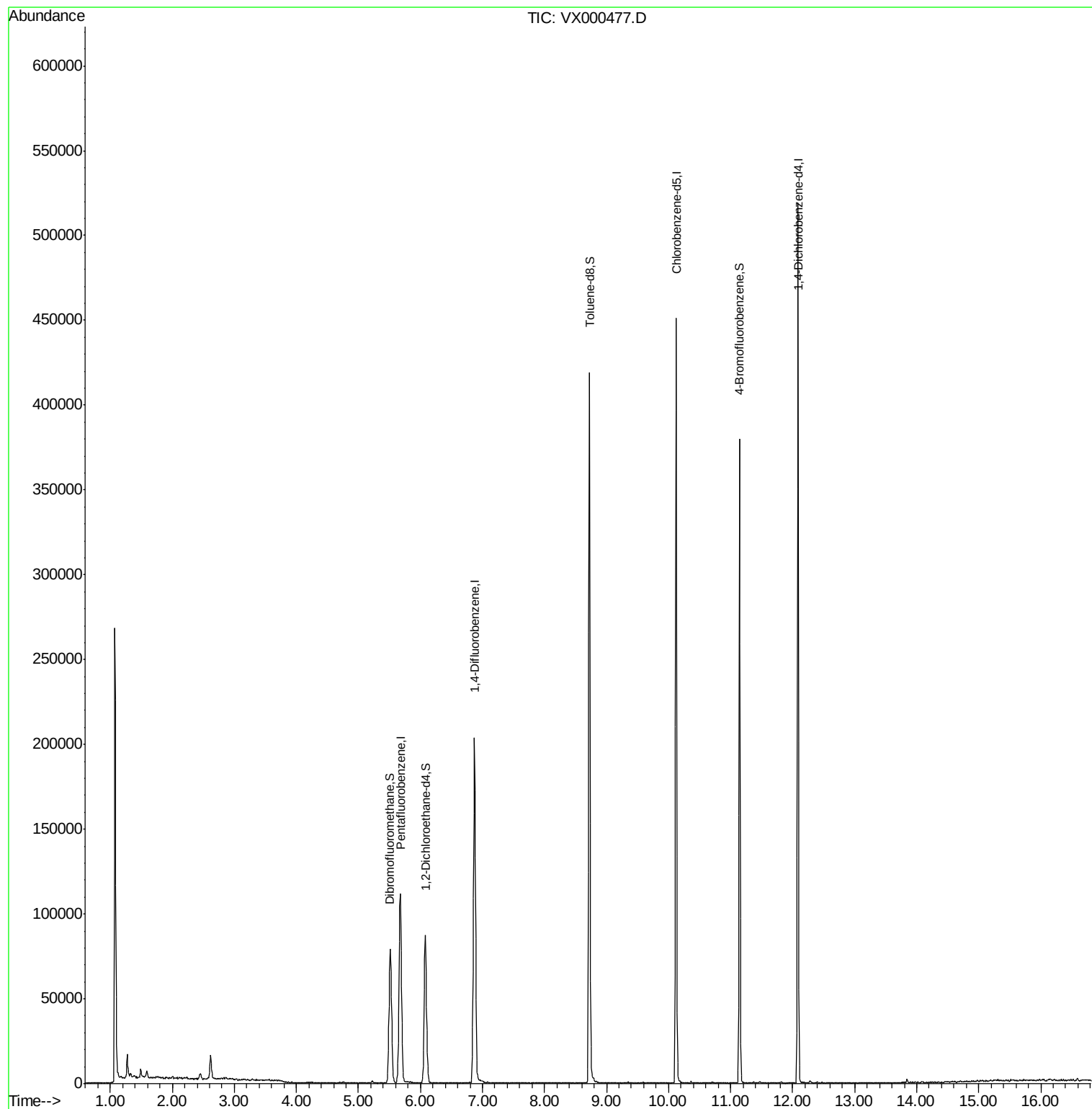
Target Compounds	Qvalue
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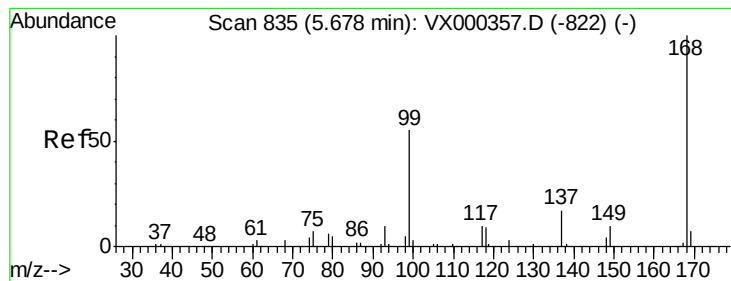
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000477.D

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Instrument :

MSVOA_X

ClientSampleId :

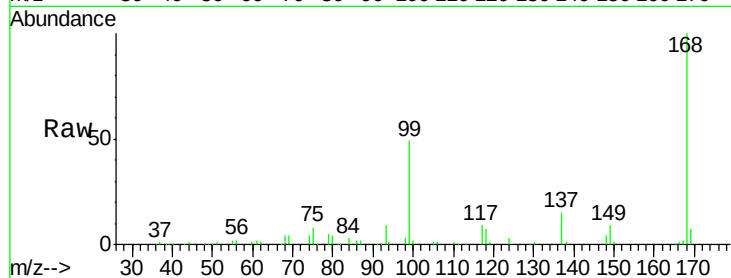
SY-3DD-20180326

Tot Ion:168 Resp: 108916

Ion Ratio Lower Upper

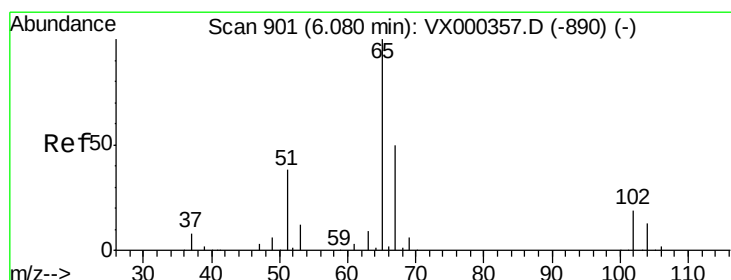
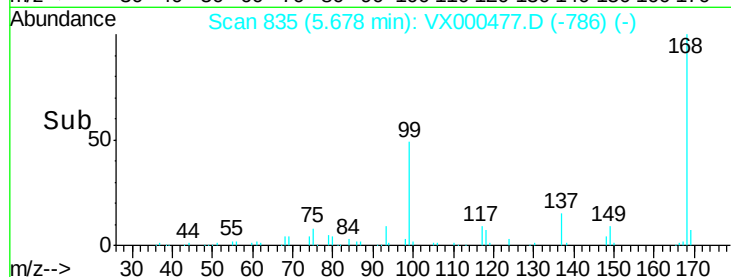
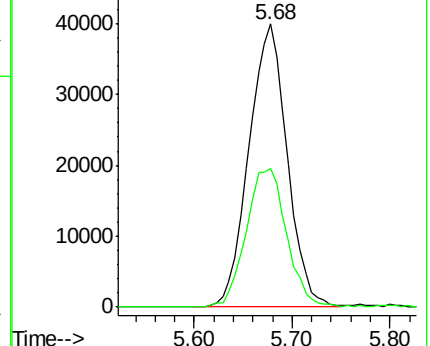
168 100

99 49.1 45.8 68.6



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: 57.38 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000477.D

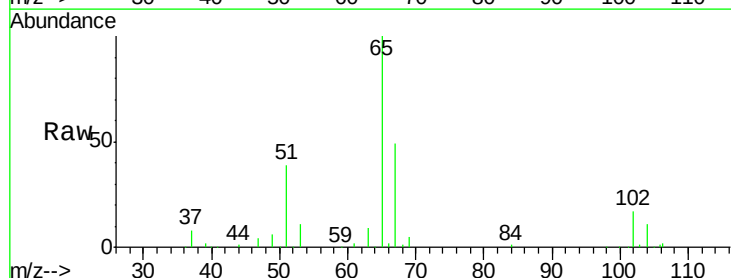
Acq: 27 Mar 2018 23:18

Tgt Ion: 65 Resp: 81577

Ion Ratio Lower Upper

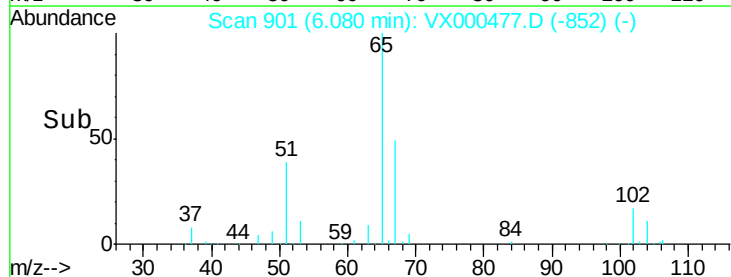
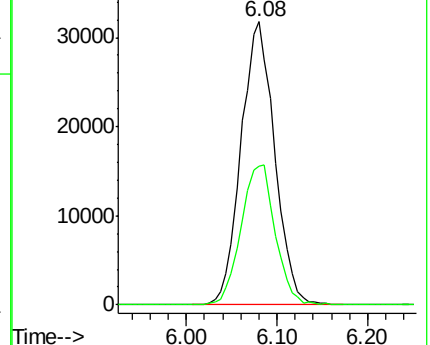
65 100

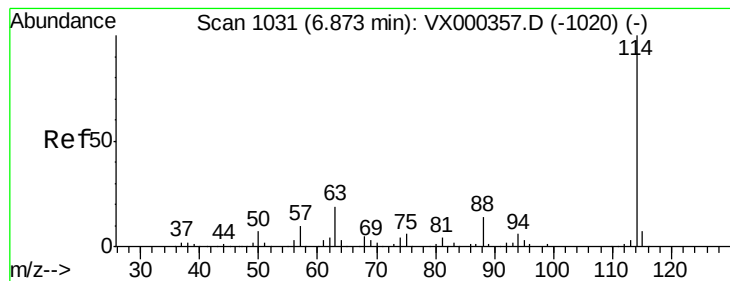
67 50.2 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000477.D

Acq: 27 Mar 2018 23:18

Instrument :

MSVOA_X

ClientSampleId :

SY-3DD-20180326

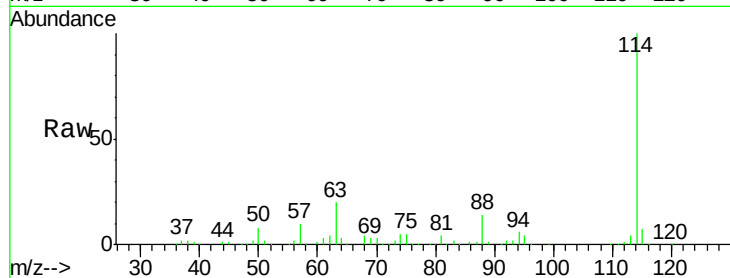
Tot Ion:114 Resp: 195587

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

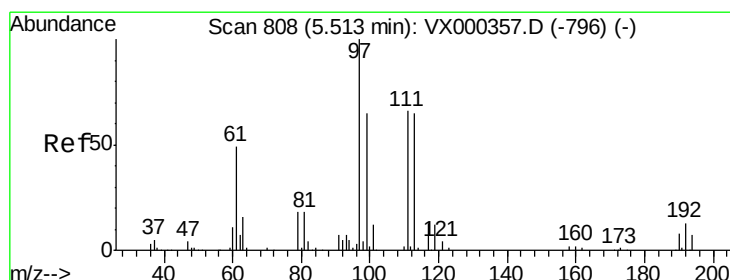
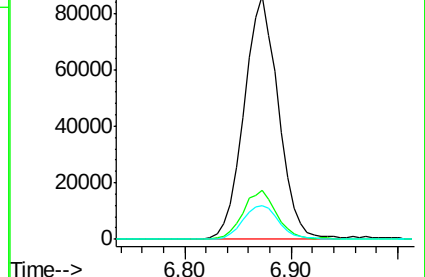
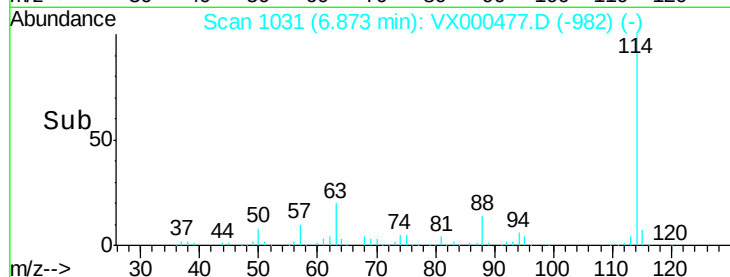
88 13.8 0.0 27.0



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: 50.91 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000477.D

Acq: 27 Mar 2018 23:18

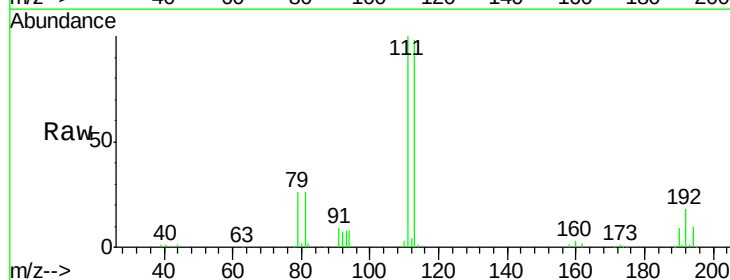
Tgt Ion:113 Resp: 62743

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

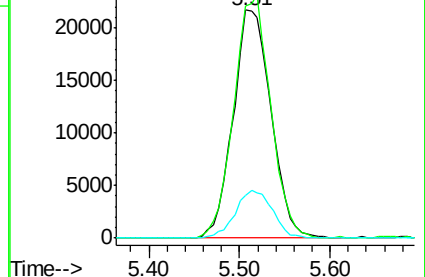
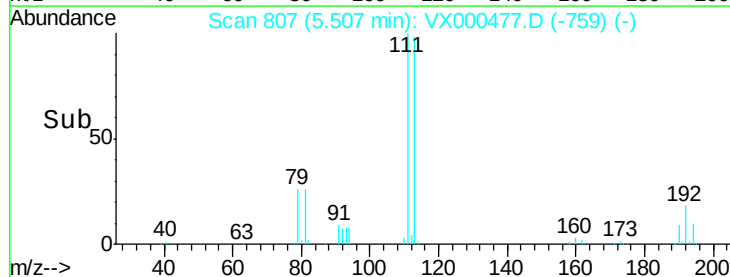
192 20.5 15.8 23.6

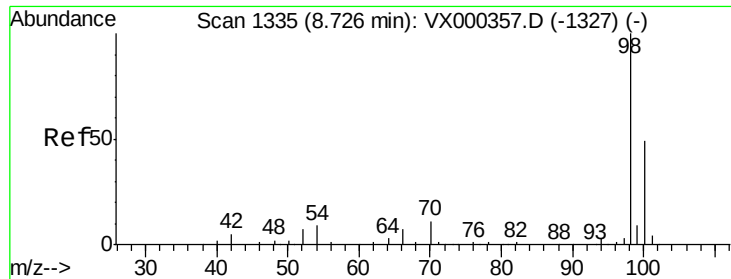


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

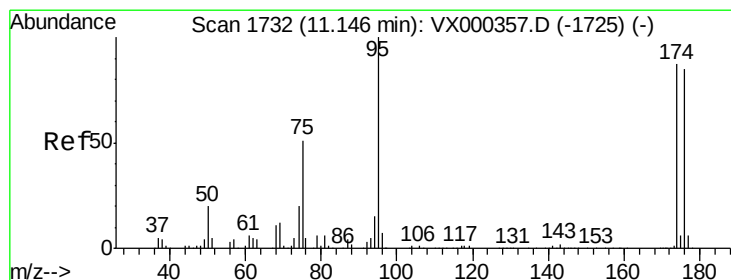
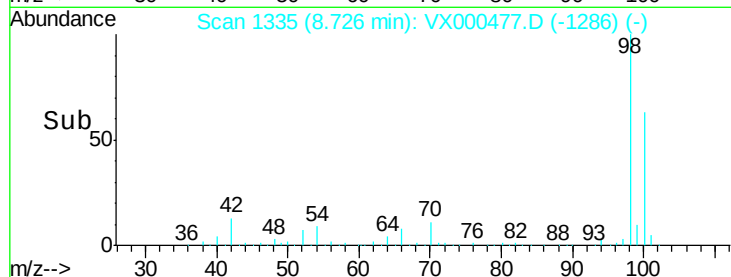
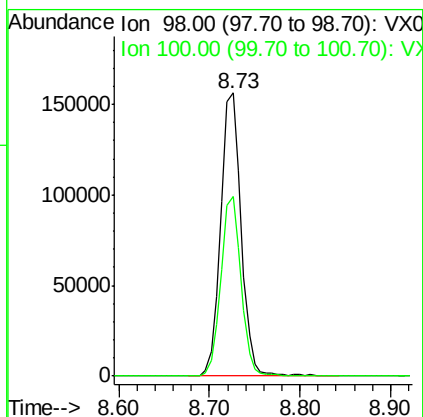
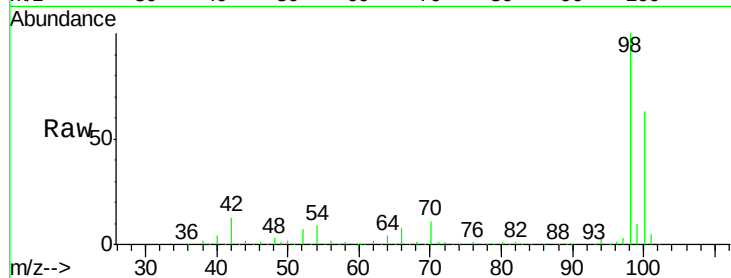




#50
Toluene-d8
Concen: 48.30 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000477.D
Acq: 27 Mar 2018 23:18

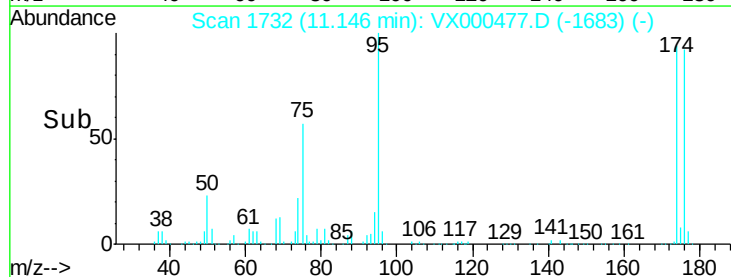
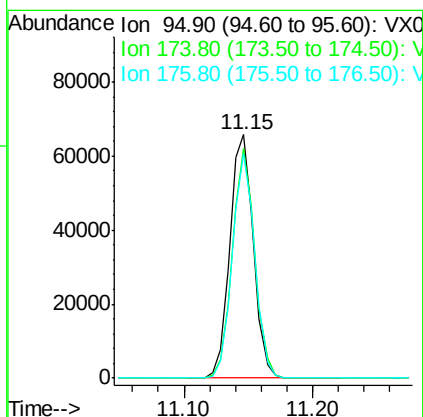
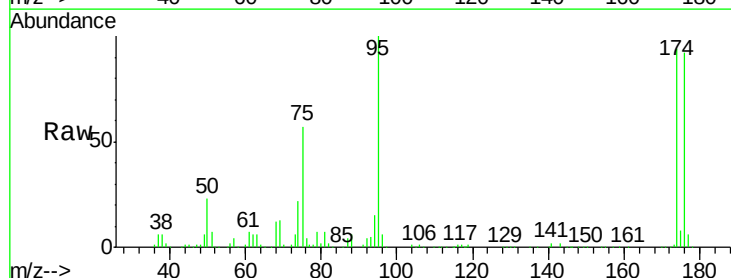
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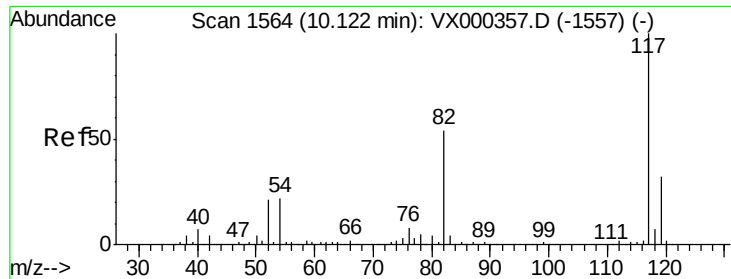
Tot Ion: 98 Resp: 246503
Ion Ratio Lower Upper
98 100
100 62.5 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 40.39 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000477.D
Acq: 27 Mar 2018 23:18

Tgt Ion: 95 Resp: 84181
Ion Ratio Lower Upper
95 100
174 89.7 0.0 173.6
176 87.7 0.0 164.6

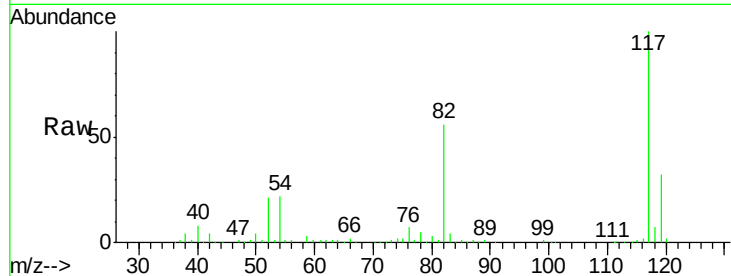




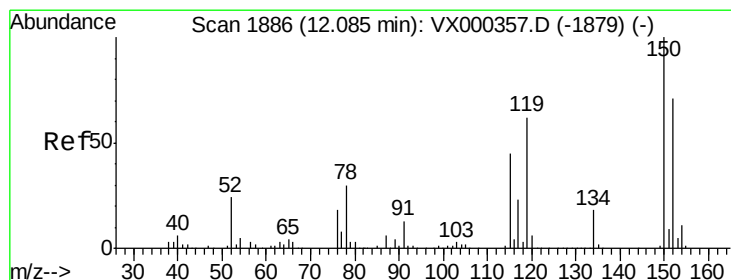
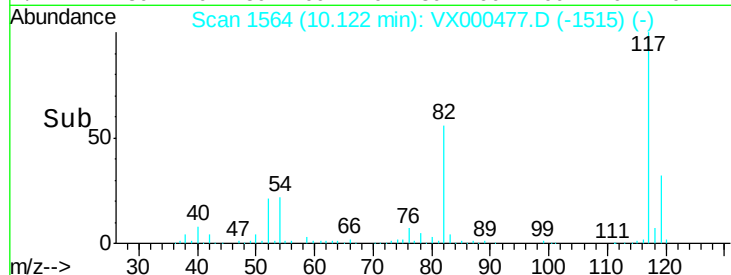
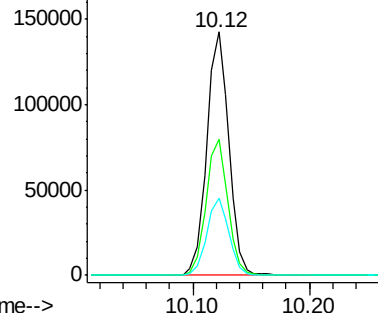
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000477.D
Acq: 27 Mar 2018 23:18

Instrument :
MSVOA_X
ClientSampleId :
SY-3DD-20180326

Tot Ion:117 Resp: 188577
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 31.8 24.9 37.3

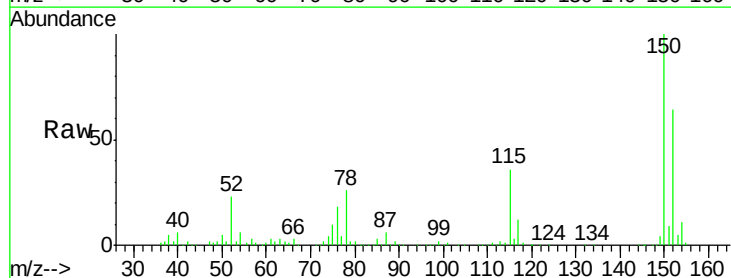


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000477.D
Acq: 27 Mar 2018 23:18

Tgt Ion:152 Resp: 97748
Ion Ratio Lower Upper
152 100
115 55.0 39.8 119.3
150 157.7 0.0 344.4



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

