

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003774.D
 Acq On : 01 Aug 2018 03:04
 Operator : JC/SP
 Sample : J4136-03
 Misc : 14.93G/5.0mL/MSVOA X/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CON-SB-03-11-13

Quant Time: Aug 01 07:20:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

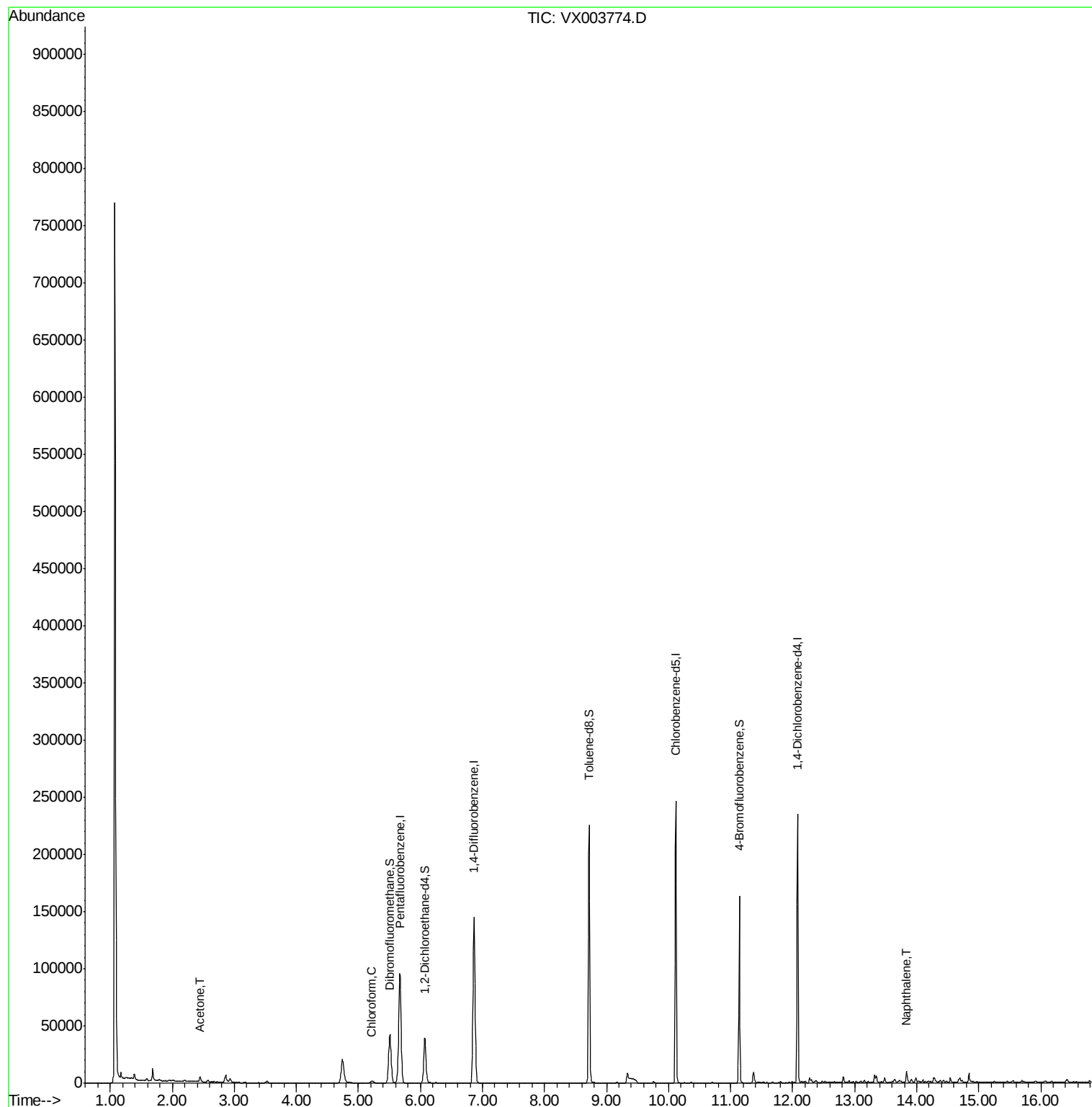
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	98634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	145601	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	111154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	49245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	36201	36.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.58%	
35) Dibromofluoromethane	5.51	113	35538	41.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.90%	
50) Toluene-d8	8.72	98	130313	36.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.92%	
62) 4-Bromofluorobenzene	11.14	95	41173	31.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.48%	
Target Compounds						
16) Acetone	2.45	43	4237	11.12	ug/l	# 87
30) Chloroform	5.21	83	2088	1.29	ug/l	94
95) Naphthalene	13.83	128	6342	2.47	ug/l	99

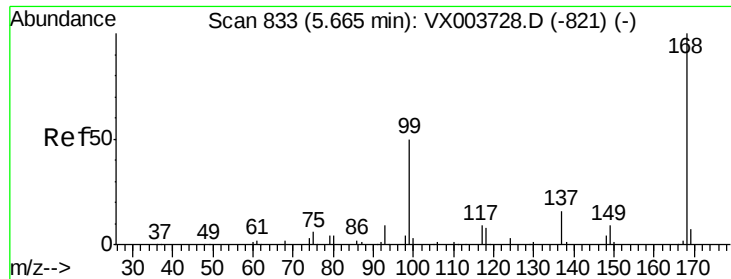
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003774.D

Acq: 01 Aug 2018 03:04

Instrument :

MSVOA_X

ClientSampleId :

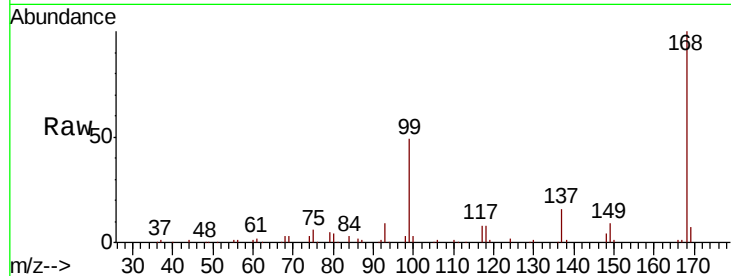
CON-SB-03-11-13

Tot Ion:168 Resp: 98634

Ion Ratio Lower Upper

168 100

99 48.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

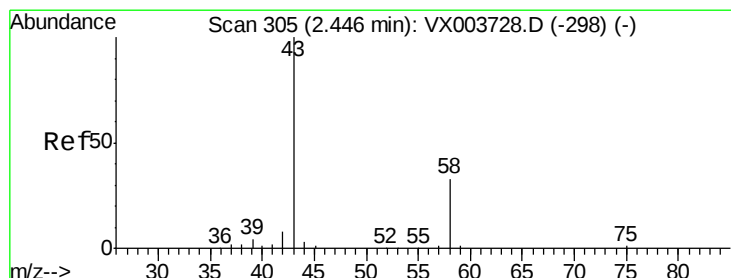
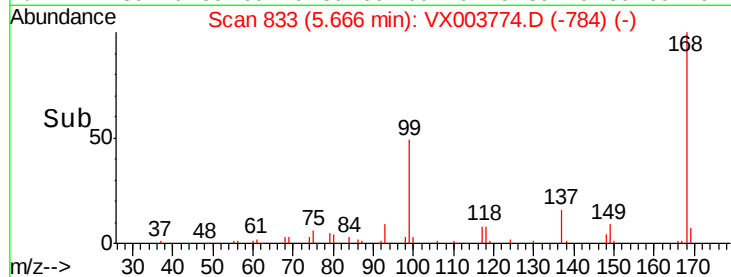
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 11.12 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003774.D

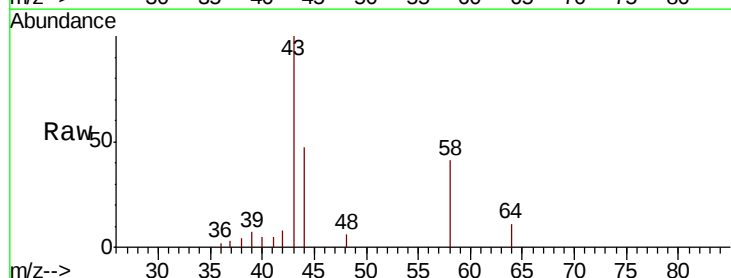
Acq: 01 Aug 2018 03:04

Tgt Ion: 43 Resp: 4237

Ion Ratio Lower Upper

43 100

58 41.0 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

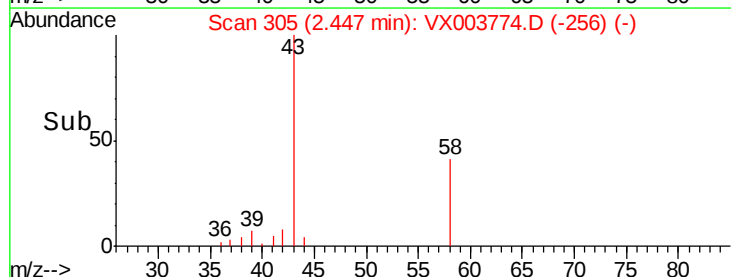
1500

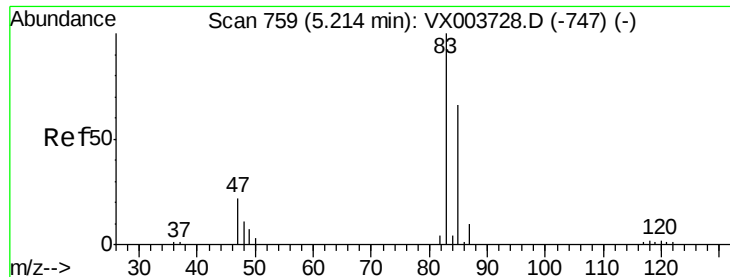
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55

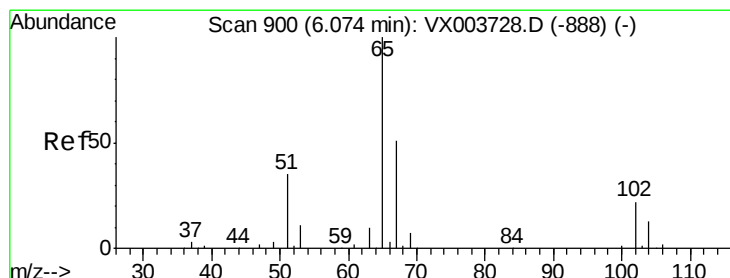
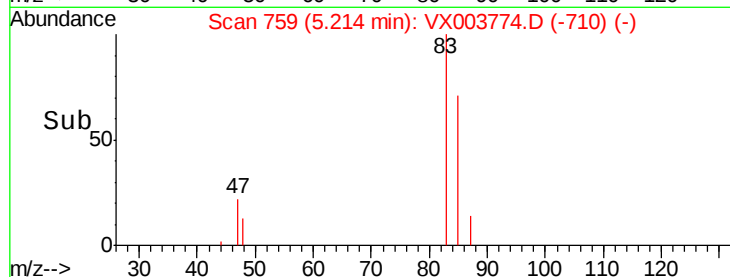
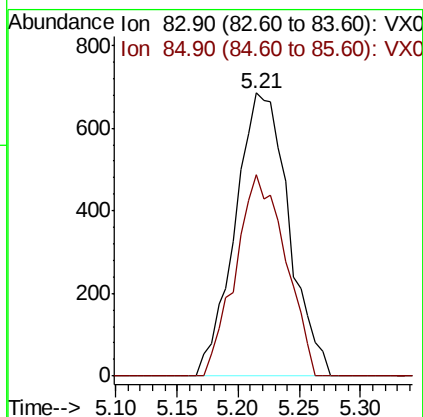
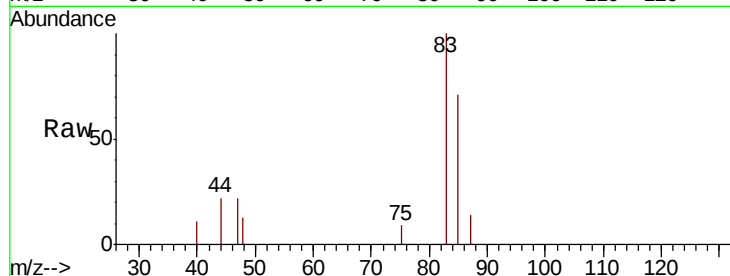




#30
Chloroform
Concen: 1.29 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003774.D
Acq: 01 Aug 2018 03:04

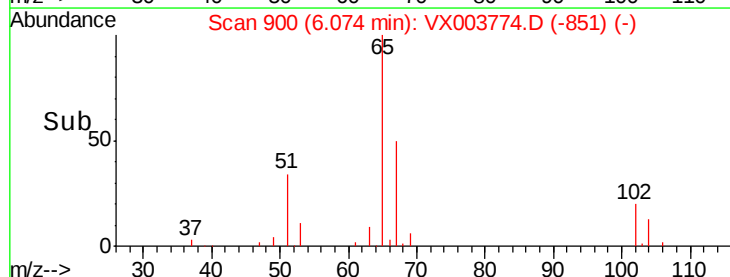
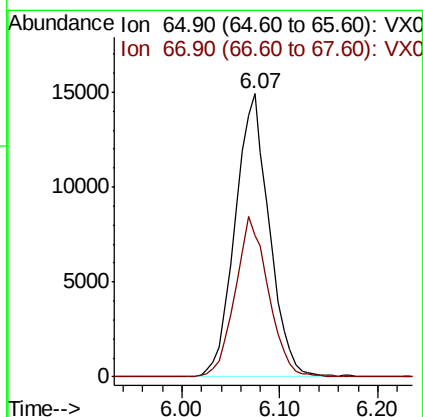
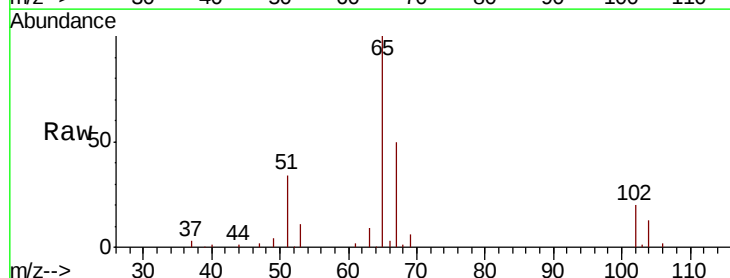
Instrument :
MSVOA_X
ClientSampleId :
CON-SB-03-11-13

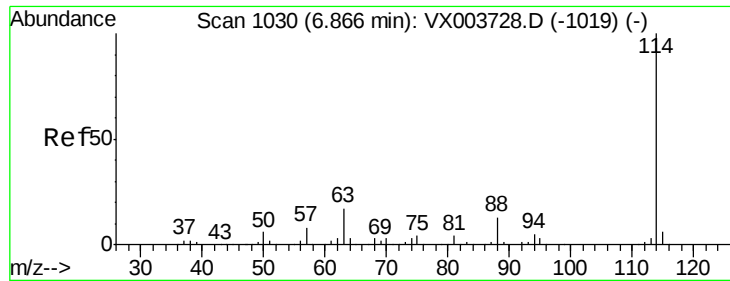
Tot Ion: 83 Resp: 2088
Ion Ratio Lower Upper
83 100
85 71.1 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 36.29 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003774.D
Acq: 01 Aug 2018 03:04

Tgt Ion: 65 Resp: 36201
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.0

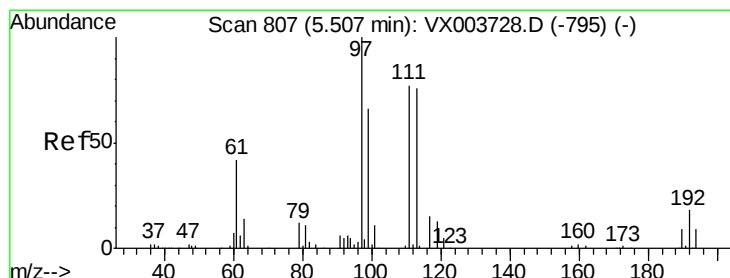
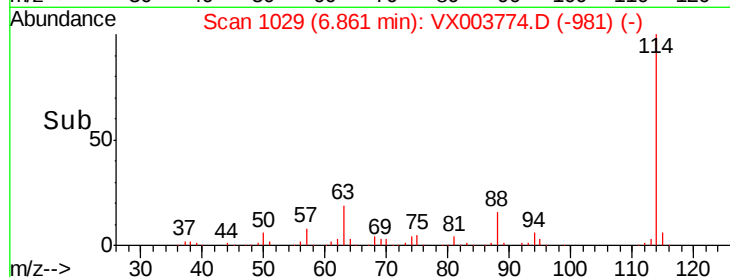
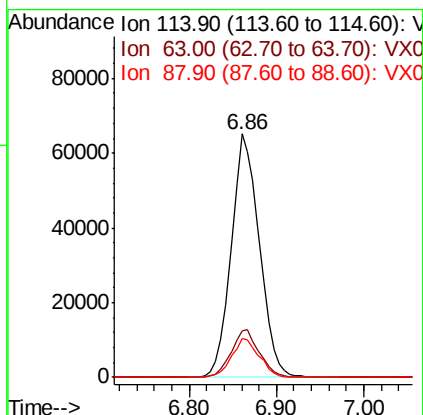
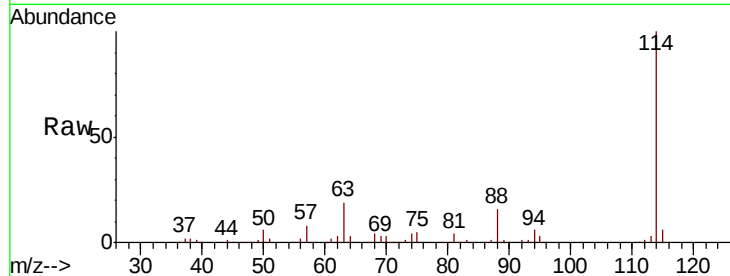




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003774.D
 Acq: 01 Aug 2018 03:04

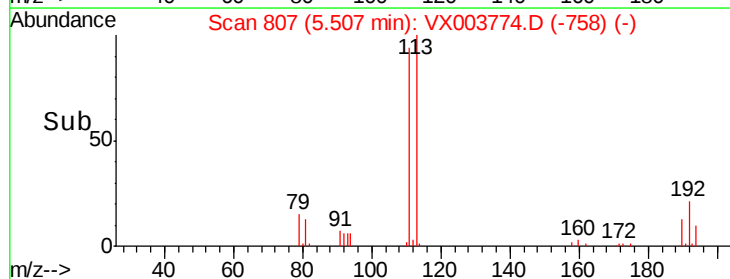
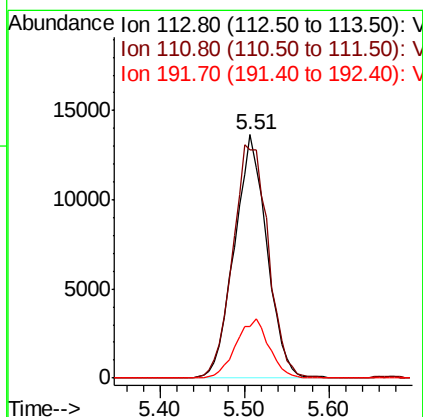
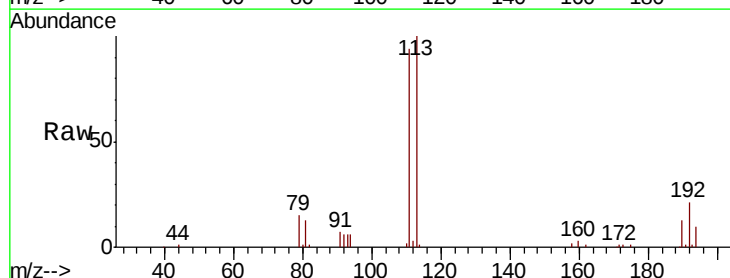
Instrument :
 MSVOA_X
 ClientSampleId :
 CON-SB-03-11-13

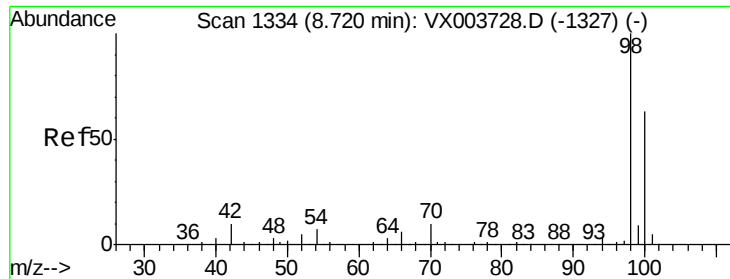
Tot Ion:114 Resp: 145601
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 34.0
 88 16.0 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 41.45 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003774.D
 Acq: 01 Aug 2018 03:04

Tgt Ion:113 Resp: 35538
 Ion Ratio Lower Upper
 113 100
 111 104.9 81.8 122.6
 192 24.8 18.8 28.2





#50

Toluene-d8

Concen: 36.46 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003774.D

Acq: 01 Aug 2018 03:04

Instrument :

MSVOA_X

ClientSampleId :

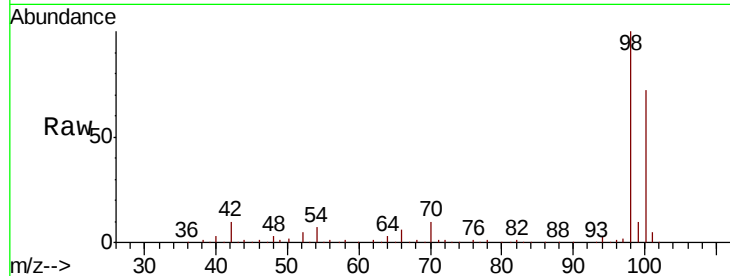
CON-SB-03-11-13

Tot Ion: 98 Resp: 130313

Ion Ratio Lower Upper

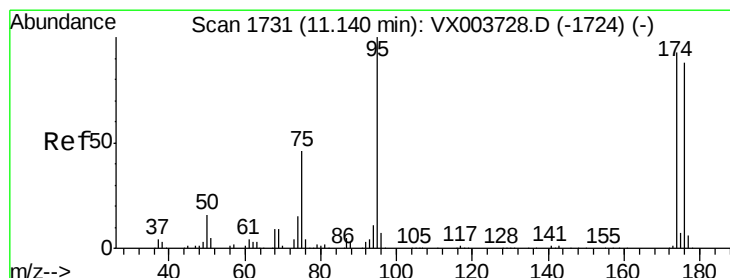
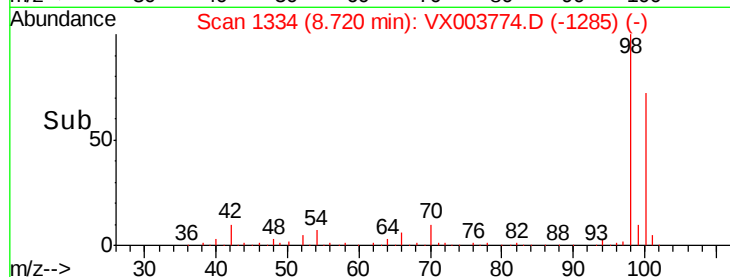
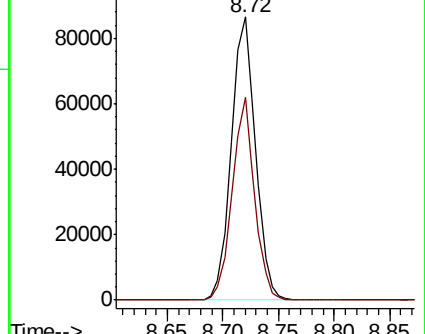
98 100

100 65.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 31.24 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003774.D

Acq: 01 Aug 2018 03:04

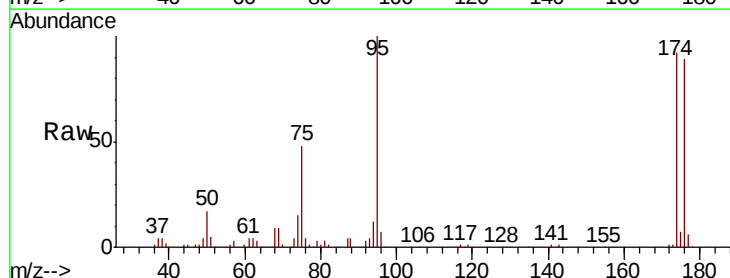
Tgt Ion: 95 Resp: 41173

Ion Ratio Lower Upper

95 100

174 92.0 0.0 186.2

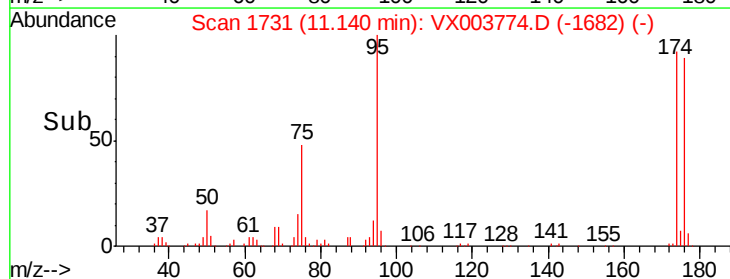
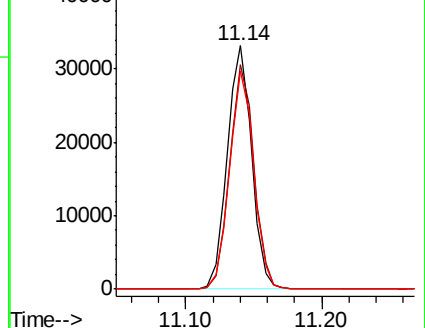
176 89.1 0.0 179.2

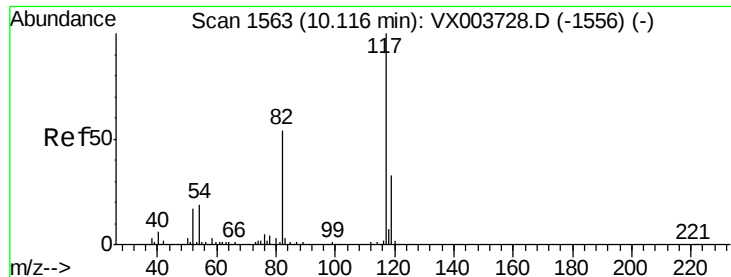


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003774.D

Acq: 01 Aug 2018 03:04

Instrument :

MSVOA_X

ClientSampleId :

CON-SB-03-11-13

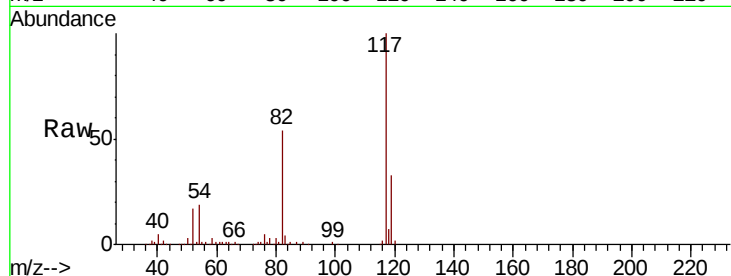
Tot Ion:117 Resp: 111154

Ion Ratio Lower Upper

117 100

82 54.1 43.2 64.8

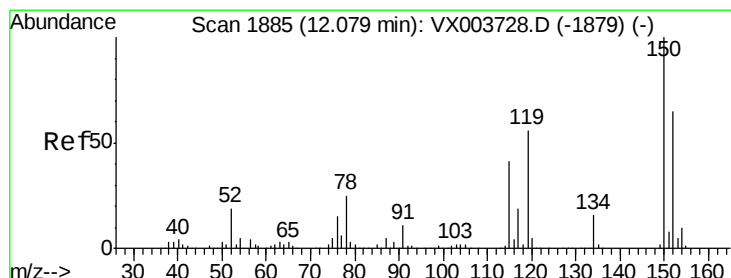
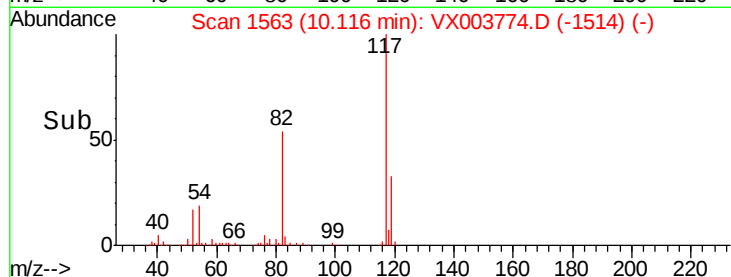
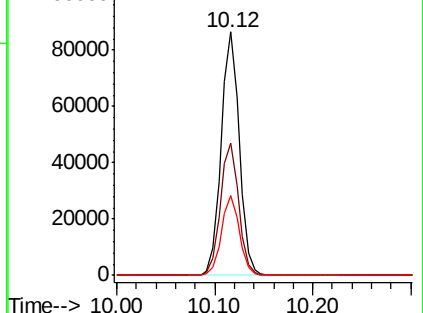
119 33.0 26.3 39.5



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: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003774.D

Acq: 01 Aug 2018 03:04

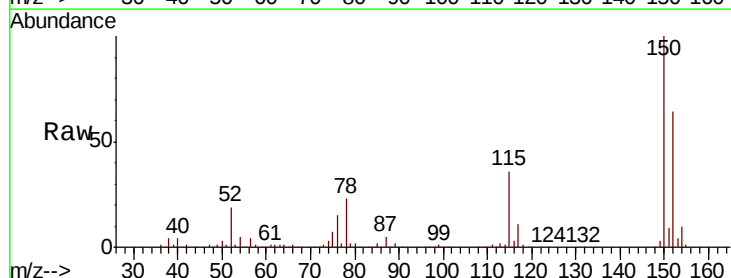
Tgt Ion:152 Resp: 49245

Ion Ratio Lower Upper

152 100

115 55.8 38.5 115.3

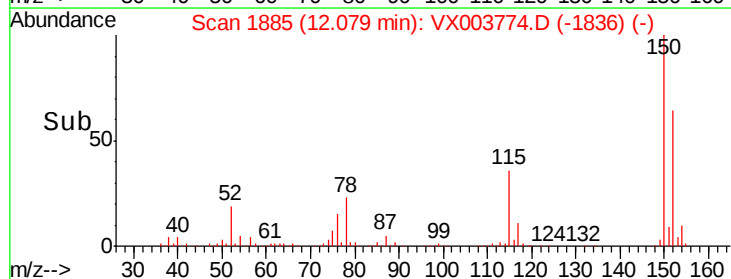
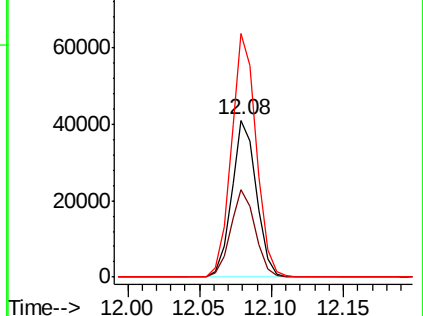
150 156.4 0.0 346.2

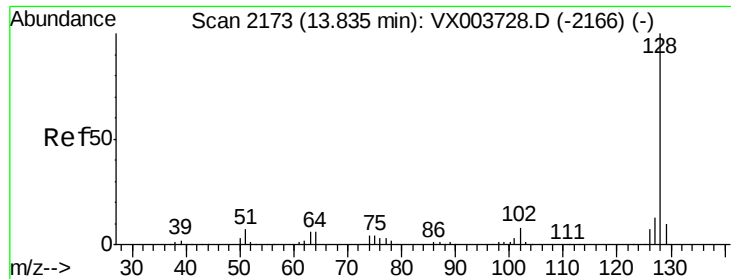


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

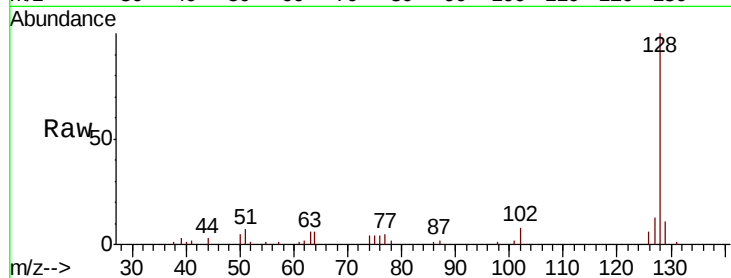




#95
Naphthalene
Concen: 2.47 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003774.D
Acq: 01 Aug 2018 03:04

Instrument :
MSVOA_X
ClientSampleId :
CON-SB-03-11-13

Tot Ion:128 Resp: 6342
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

