

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002138.D
 Acq On : 30 May 2018 13:56
 Operator : JC/MD
 Sample : J3070-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-3

Quant Time: May 31 05:25:41 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X052518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 25 02:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	52089	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	298083	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	256659	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	127654	31.14	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.80%
60) 4-Bromofluorobenzene	11.14	95	120127	27.34	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.13%
63) Toluene-d8	8.72	98	356500	31.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.87%

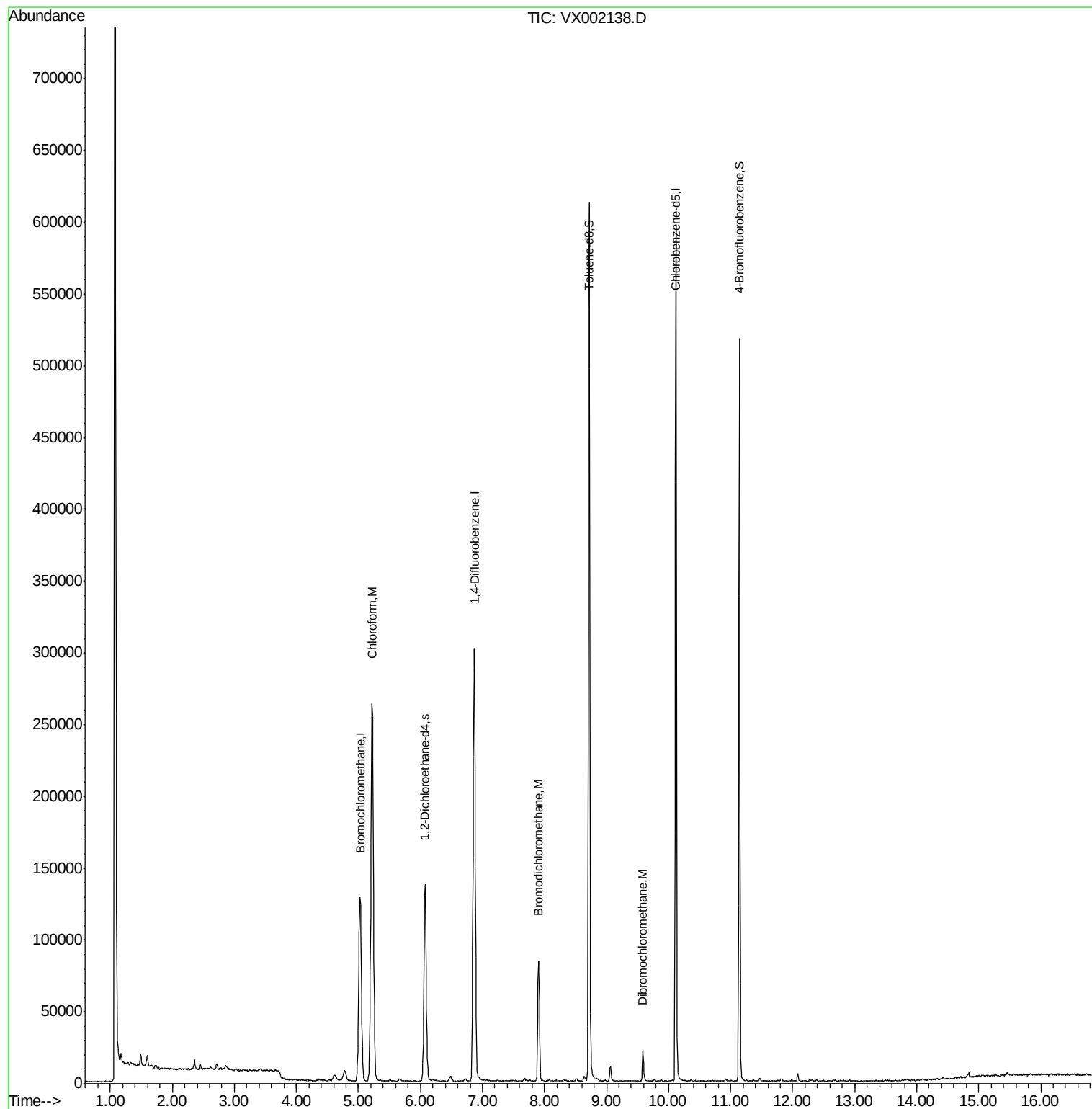
Target Compounds					Ovalue
25) Chloroform	5.22	83	303180	53.04	ug/l 100
41) Bromodichloromethane	7.90	83	49406	10.42	ug/l 98
53) Dibromochloromethane	9.59	129	4347	1.08	ug/l 92

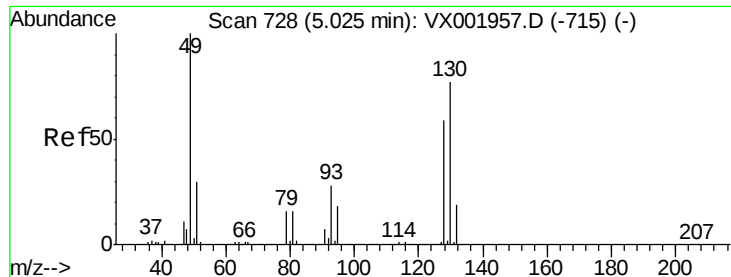
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
Data File : VX002138.D
Acq On : 30 May 2018 13:56
Operator : JC/MD
Sample : J3070-03 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
14B-3

Quant Time: May 31 05:25:41 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002138.D

Acq: 30 May 2018 13:56

Instrument :

MSVOA_X

ClientSampleId :

14B-3

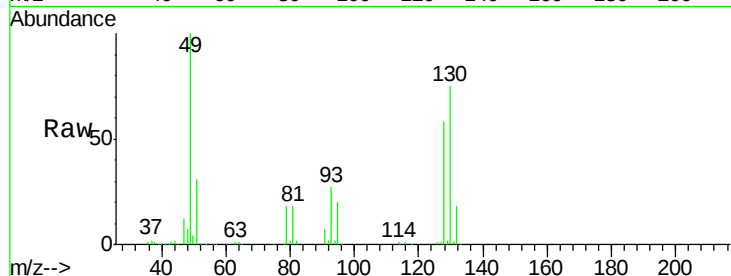
Tot Ion:128 Resp: 52089

Ion Ratio Lower Upper

128 100

49 173.7 0.0 423.0

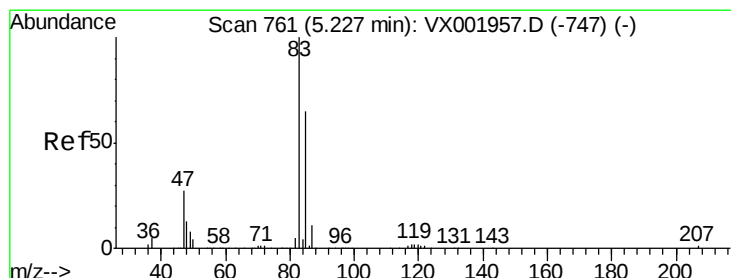
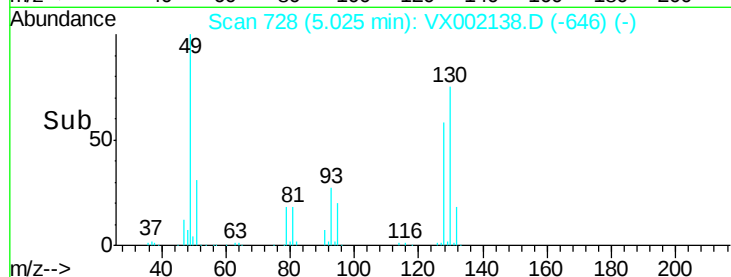
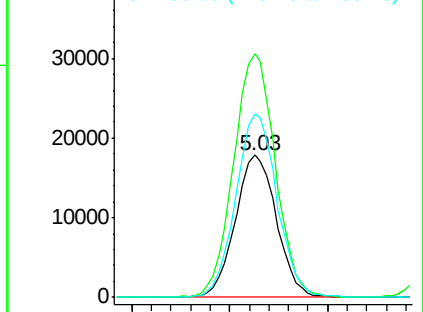
130 129.5 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#25

Chloroform

Concen: 53.04 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX002138.D

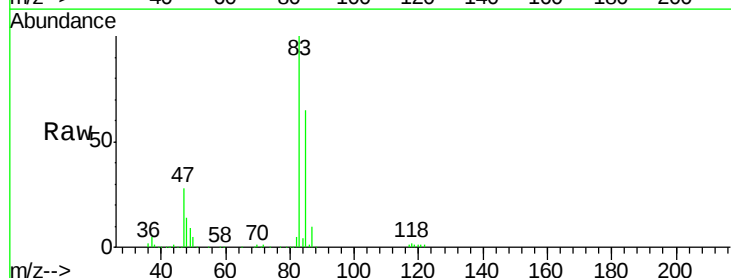
Acq: 30 May 2018 13:56

Tgt Ion: 83 Resp: 303180

Ion Ratio Lower Upper

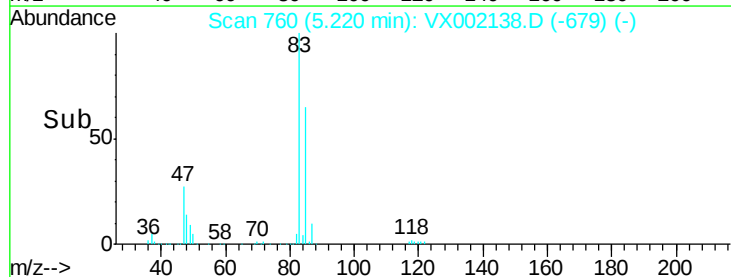
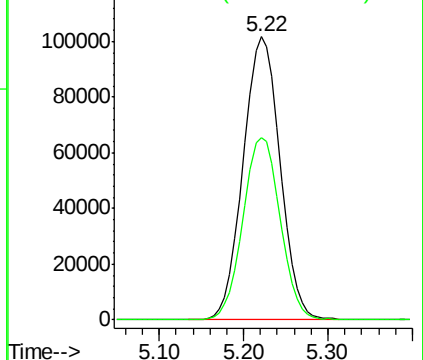
83 100

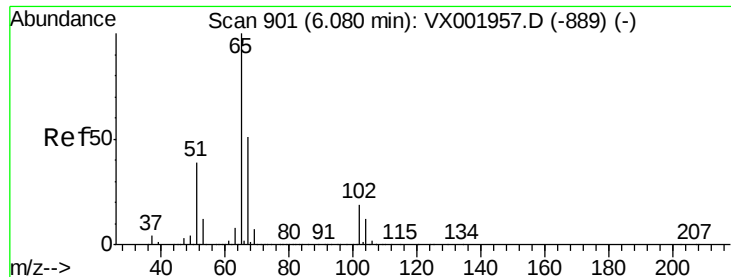
85 64.6 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 31.14 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX002138.D

Acq: 30 May 2018 13:56

Instrument :

MSVOA_X

ClientSampleId :

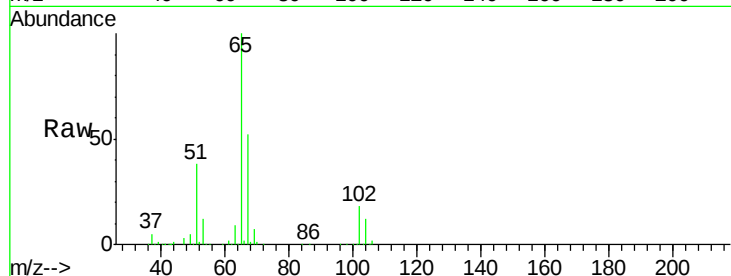
14B-3

Tot Ion: 65 Resp: 127654

Ion Ratio Lower Upper

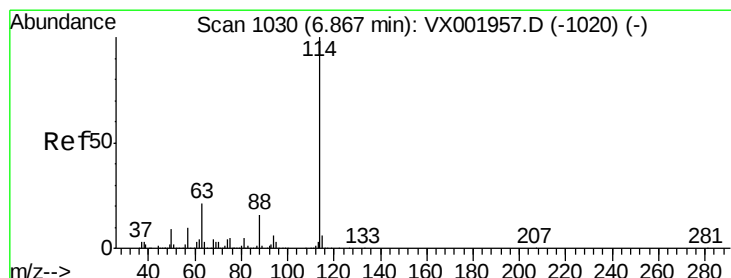
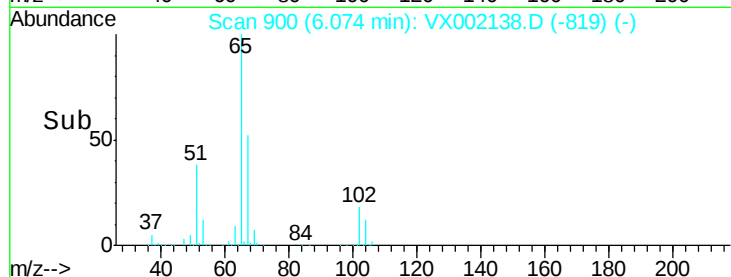
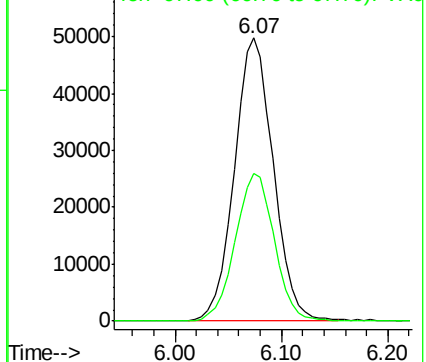
65 100

67 52.6 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002138.D

Acq: 30 May 2018 13:56

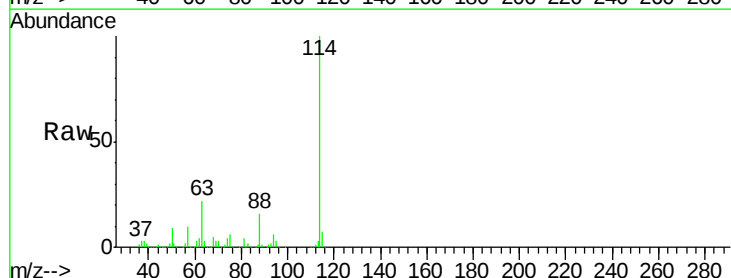
Tgt Ion: 114 Resp: 298083

Ion Ratio Lower Upper

114 100

63 21.5 17.1 25.7

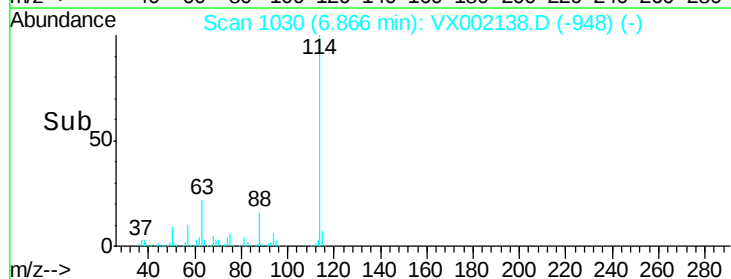
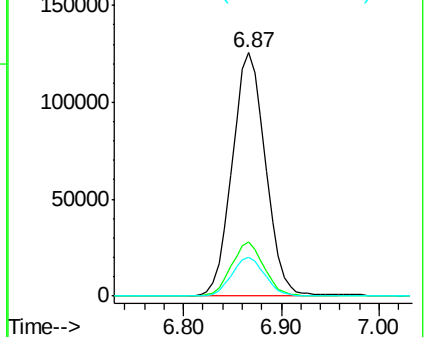
88 15.8 12.6 19.0

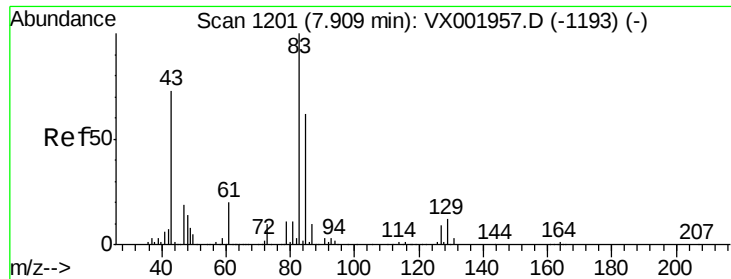


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

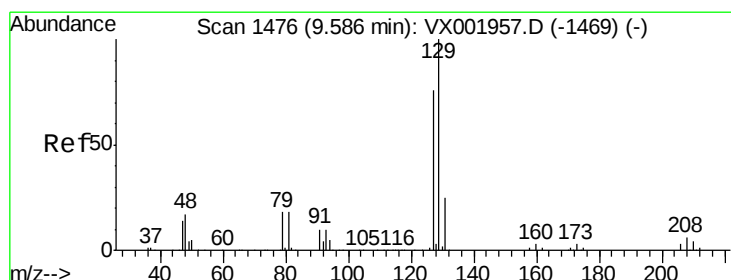
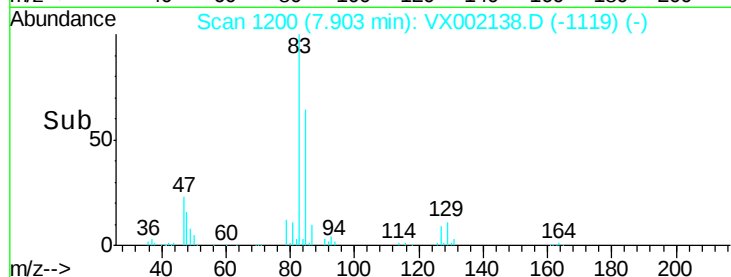
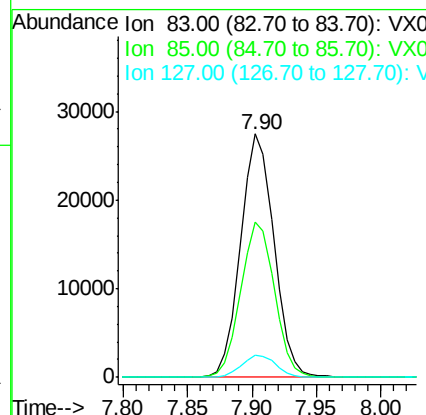
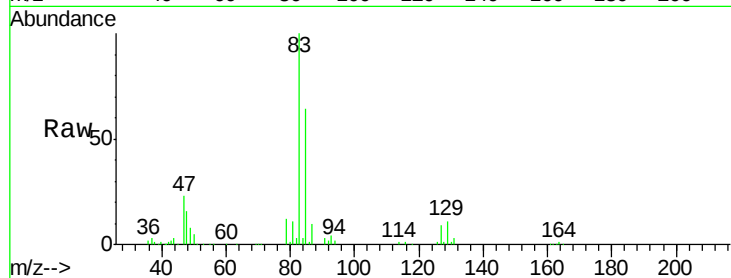




#41
 Bromodichloromethane
 Concen: 10.42 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VX002138.D
 Acq: 30 May 2018 13:56

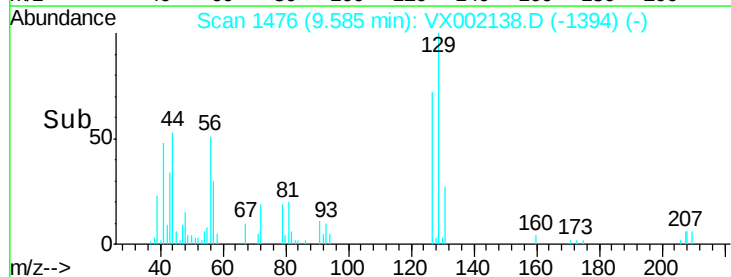
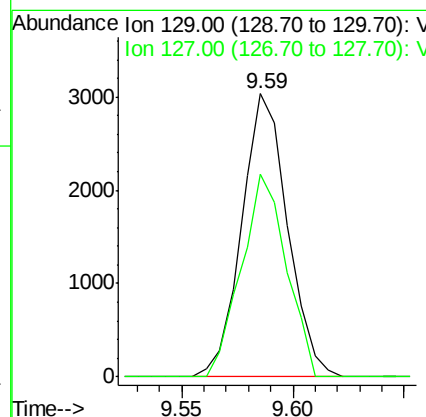
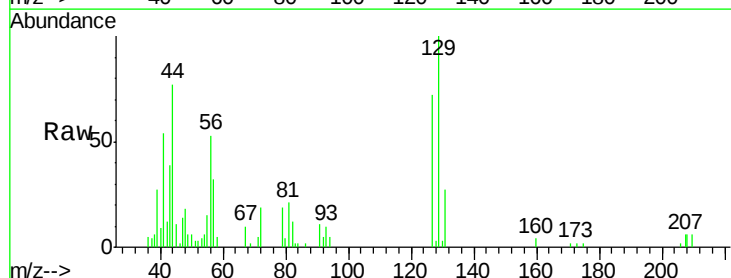
Instrument :
 MSVOA_X
 ClientSampleId :
 14B-3

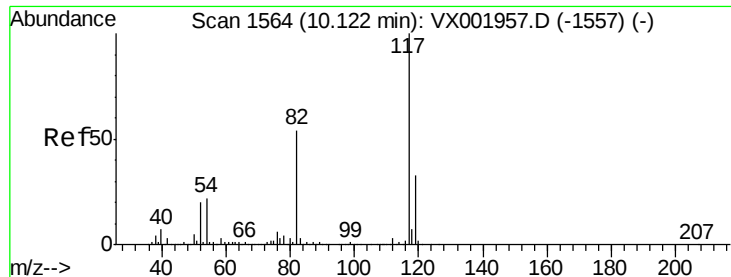
Tot Ion	83	Resp	49406
Ion Ratio	Lower	Upper	
83	100		
85	63.9	49.8	74.8
127	9.2	7.3	10.9



#53
 Dibromochloromethane
 Concen: 1.08 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX002138.D
 Acq: 30 May 2018 13:56

Tgt Ion	129	Resp	4347
Ion Ratio	Lower	Upper	
129	100		
127	70.2	38.5	115.3

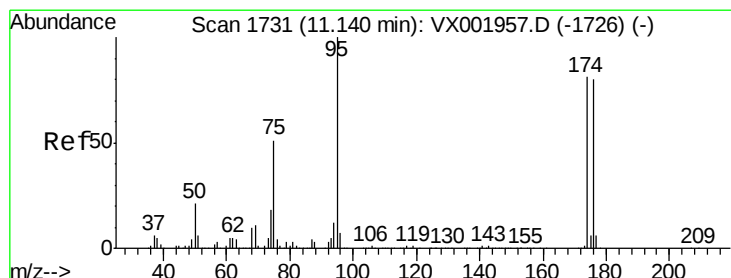
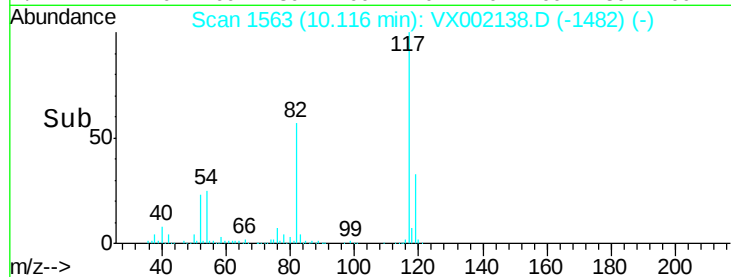
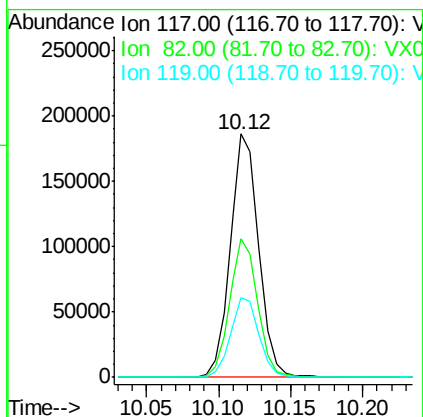
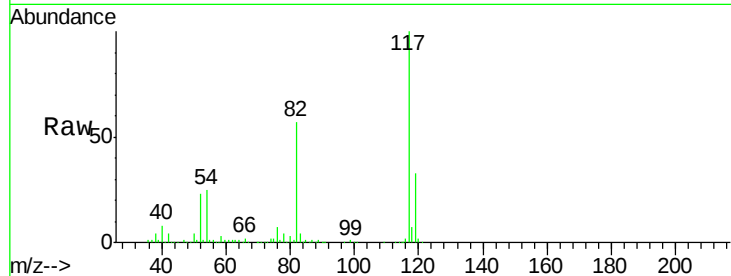




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002138.D
Acq: 30 May 2018 13:56

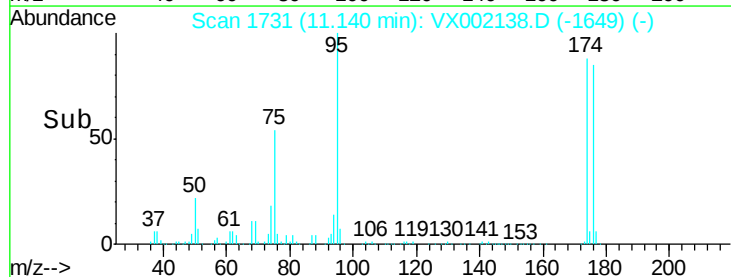
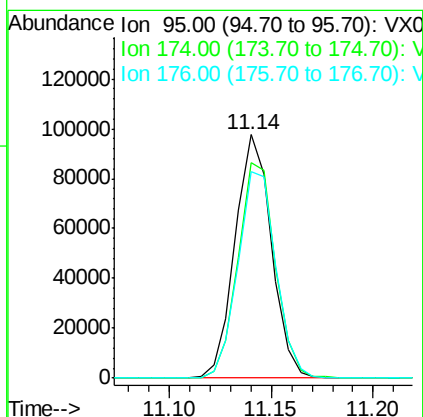
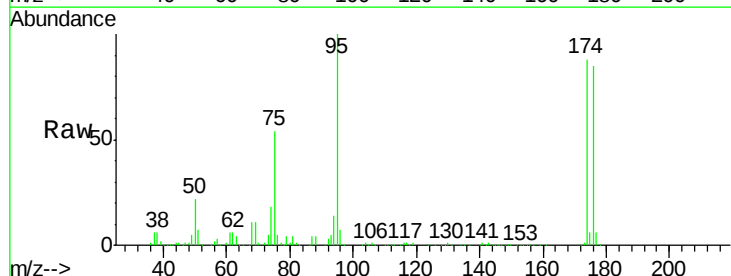
Instrument :
MSVOA_X
ClientSampled :
14B-3

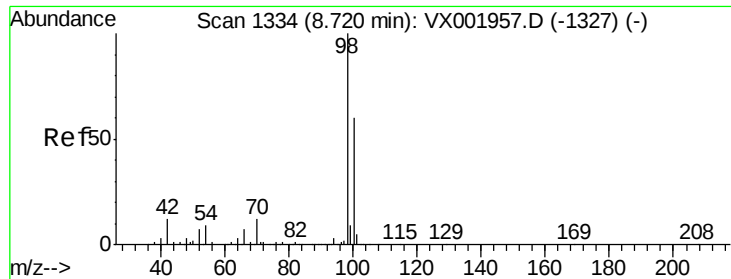
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.3	66.5
119	33.0	25.7	38.5



#60
4-Bromofluorobenzene
Concen: 27.34 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002138.D
Acq: 30 May 2018 13:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.9	71.8	107.6
176	89.5	70.1	105.1





#63

Toluene-d8

Concen: 31.16 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002138.D

Acq: 30 May 2018 13:56

Instrument :

MSVOA_X

ClientSampleId :

14B-3

Tot Ion: 98 Resp: 356500

Ion Ratio Lower Upper

98 100

100 63.9 50.8 76.2

