

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002175.D
 Acq On : 31 May 2018 14:05
 Operator : JC/MD
 Sample : J3192-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-3

Quant Time: May 31 16:16:03 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	52326	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	304788	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	270544	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	129201	31.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.60%
60) 4-Bromofluorobenzene	11.14	95	130386	28.15	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.83%
63) Toluene-d8	8.72	98	364354	30.22	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.73%

Target Compounds

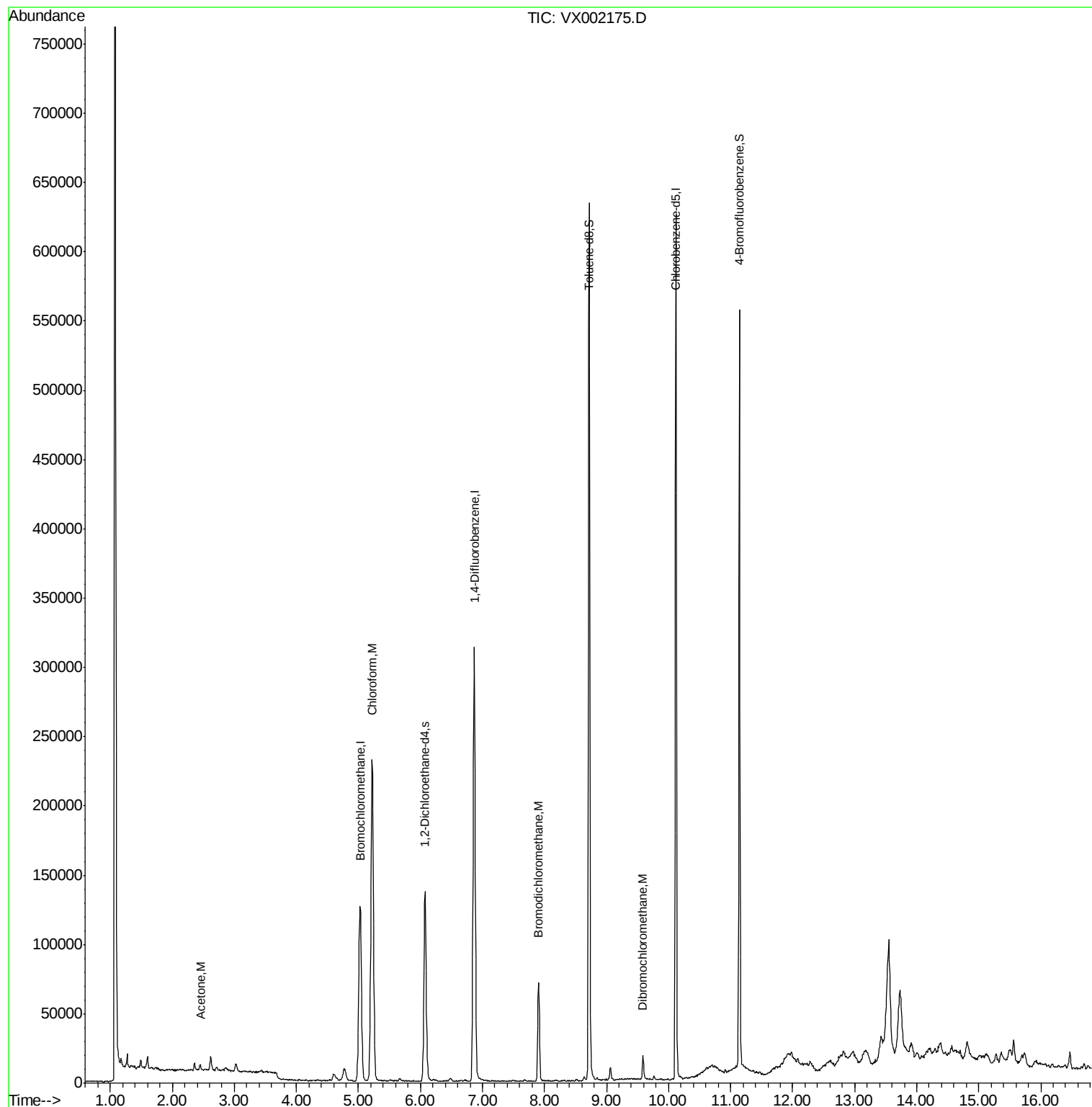
					Ovalue
15) Acetone	2.45	58	1678	3.626	ug/l 81
25) Chloroform	5.22	83	264691	46.098	ug/l 99
41) Bromodichloromethane	7.90	83	42656	8.802	ug/l 98
53) Dibromochloromethane	9.59	129	3393	0.828	ug/l 89

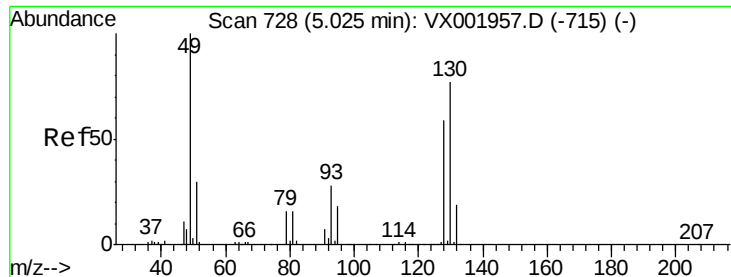
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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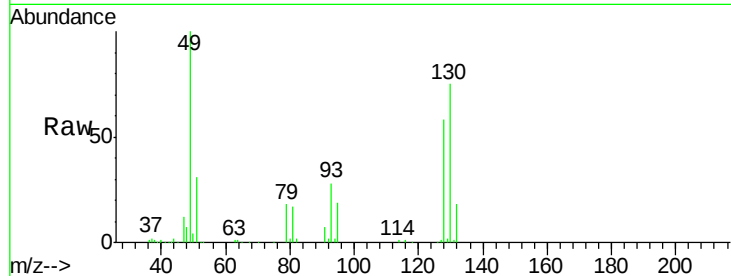


#1

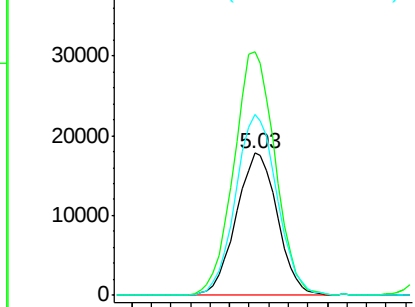
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002175.D
Acq: 31 May 2018 14:05

Instrument :
MSVOA_X
ClientSampled :
14B-3

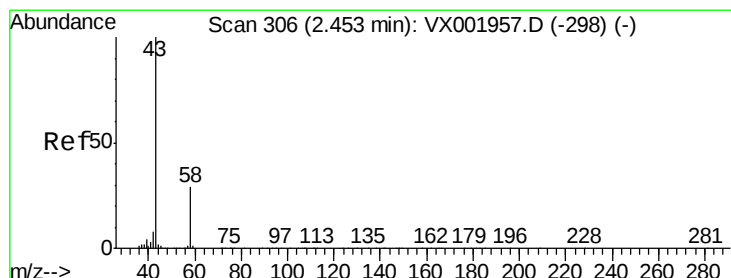
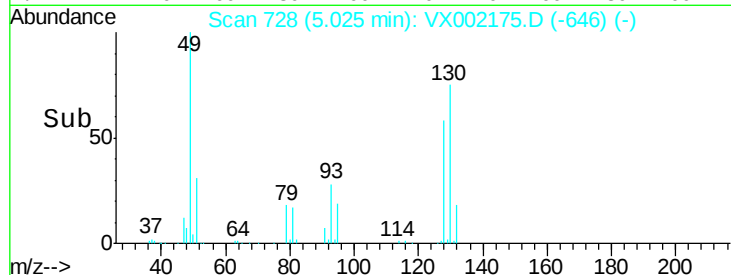
Tot Ion:128 Resp: 52326
Ion Ratio Lower Upper
128 100
49 170.8 0.0 423.0
130 128.0 0.0 324.3



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



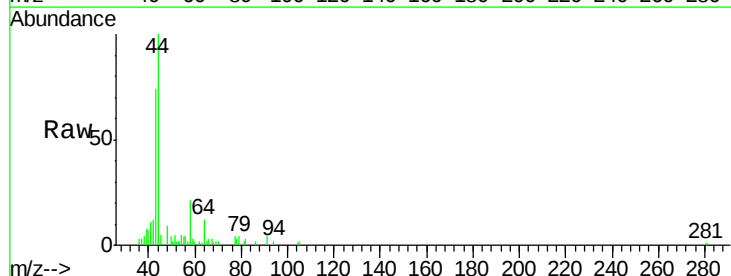
Time-->



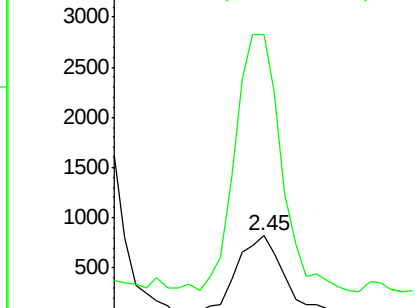
#15

Acetone
Concen: 3.626 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002175.D
Acq: 31 May 2018 14:05

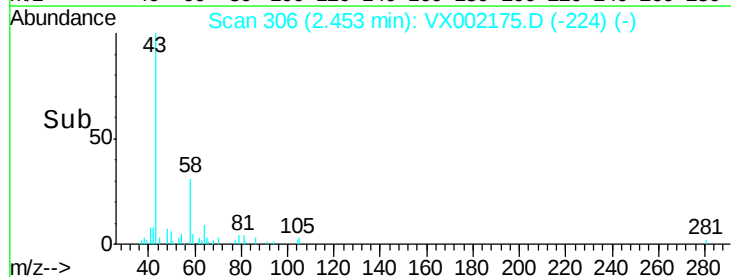
Tgt Ion: 58 Resp: 1678
Ion Ratio Lower Upper
58 100
43 307.2 278.8 418.2

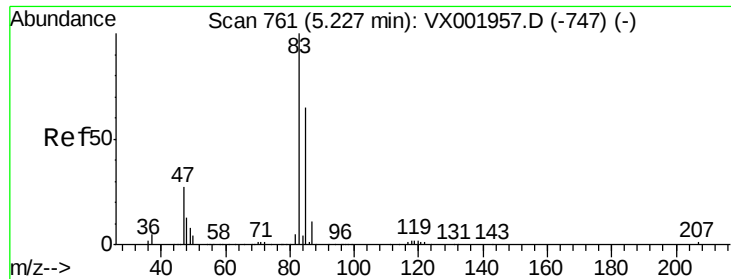


Abundance Ion 58.00 (57.70 to 58.70): VX0
Ion 43.00 (42.70 to 43.70): VX0



Time-->





#25

Chloroform

Concen: 46.098 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX002175.D

Acq: 31 May 2018 14:05

Instrument :

MSVOA_X

ClientSampled :

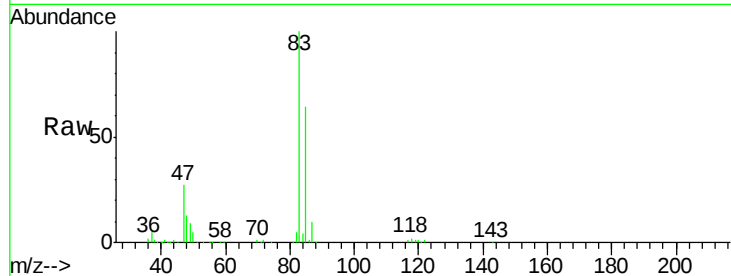
14B-3

Tot Ion: 83 Resp: 264691

Ion Ratio Lower Upper

83 100

85 64.0 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.22

100000

80000

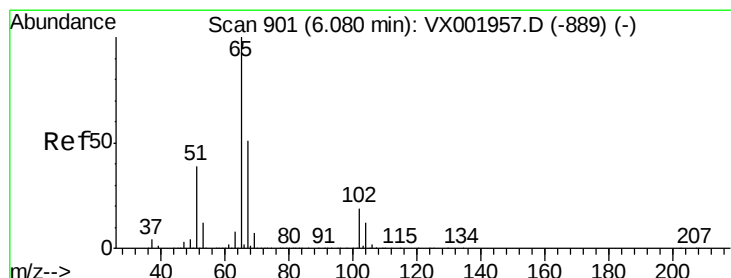
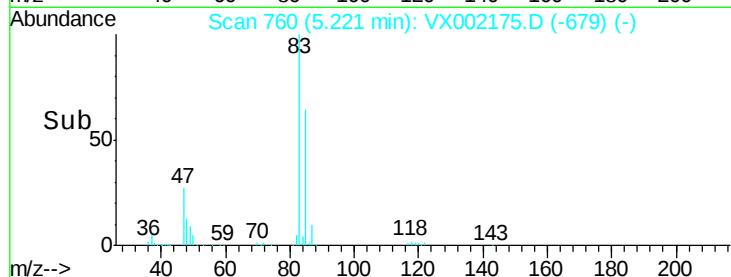
60000

40000

20000

0

Time-->



#27

1,2-Dichloroethane-d4

Concen: 31.378 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX002175.D

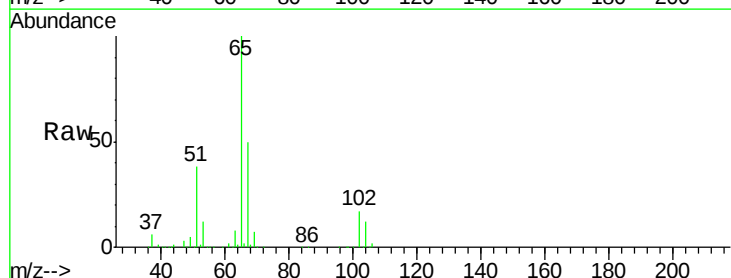
Acq: 31 May 2018 14:05

Tgt Ion: 65 Resp: 129201

Ion Ratio Lower Upper

65 100

67 51.5 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.07

60000

50000

40000

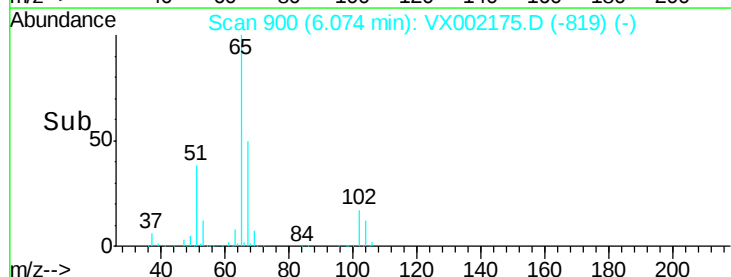
30000

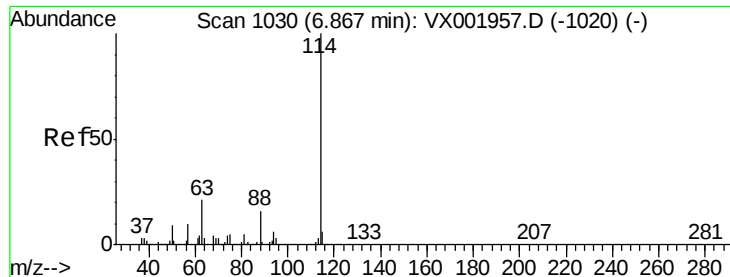
20000

10000

0

Time-->

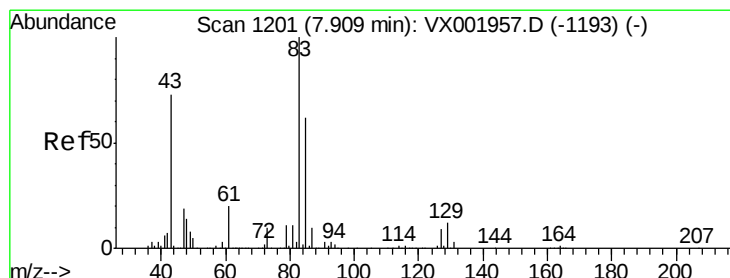
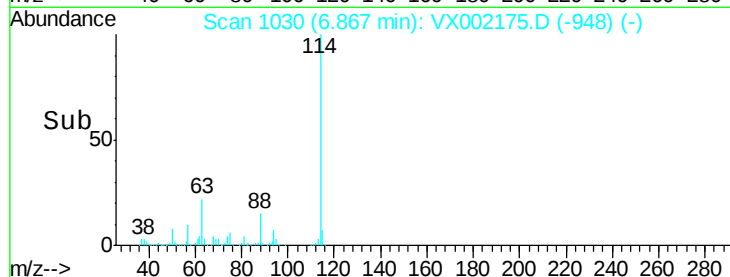
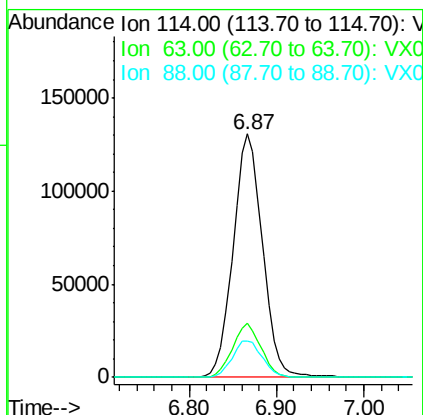
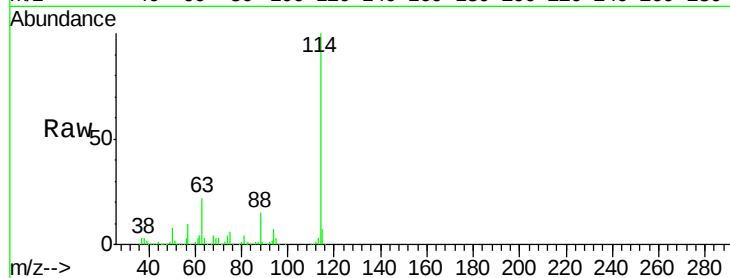




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002175.D
 Acq: 31 May 2018 14:05

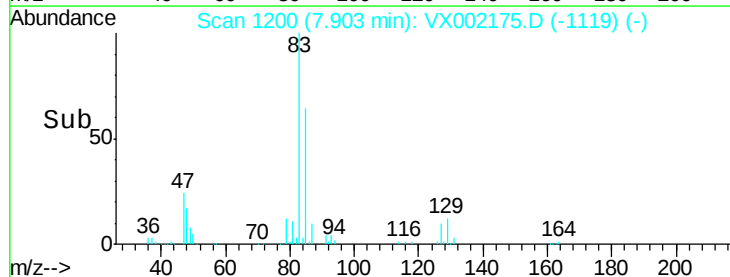
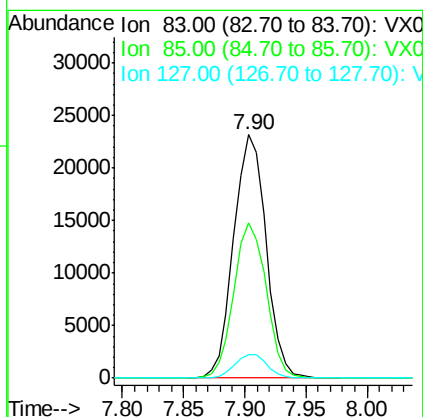
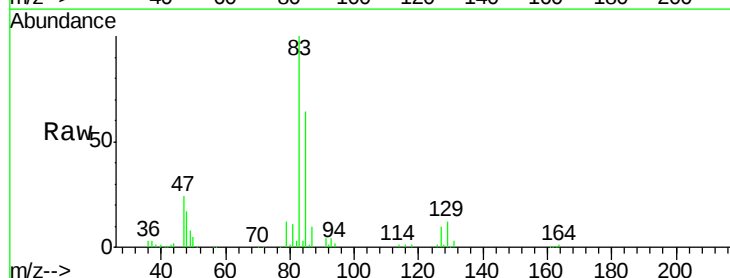
Instrument :
 MSVOA_X
 ClientSampleId :
 14B-3

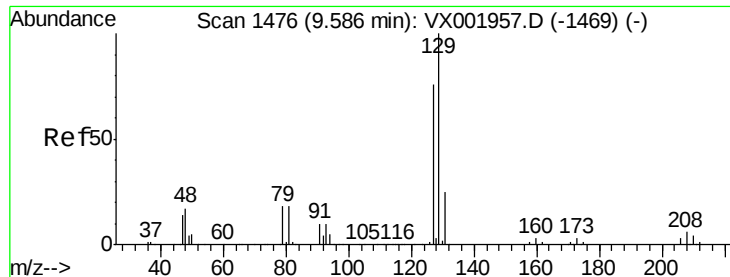
Tot Ion:114 Resp: 304788
 Ion Ratio Lower Upper
 114 100
 63 21.7 17.1 25.7
 88 15.5 12.6 19.0



#41
 Bromodichloromethane
 Concen: 8.802 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VX002175.D
 Acq: 31 May 2018 14:05

Tgt Ion: 83 Resp: 42656
 Ion Ratio Lower Upper
 83 100
 85 63.5 49.8 74.8
 127 9.5 7.3 10.9

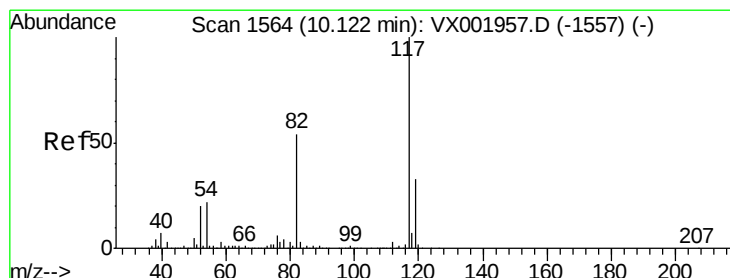
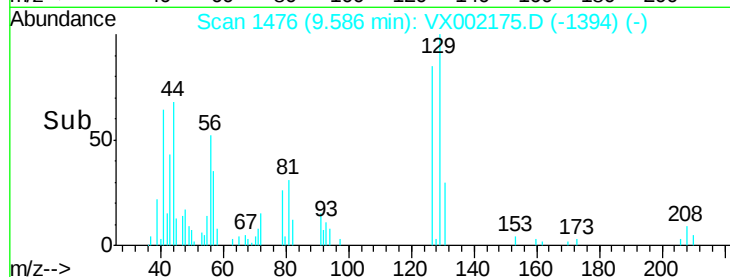
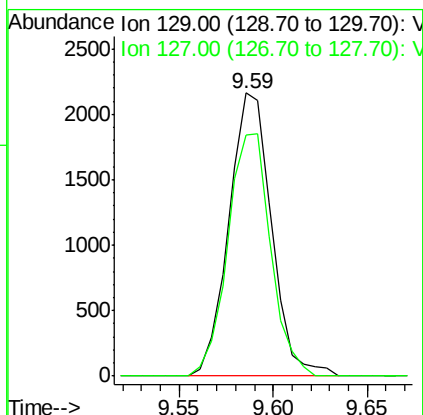
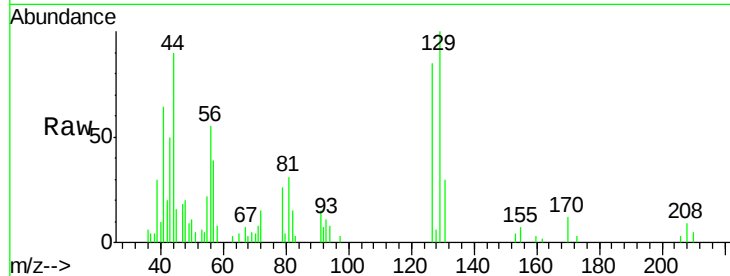




#53
Dibromochloromethane
Concen: 0.828 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002175.D
Acq: 31 May 2018 14:05

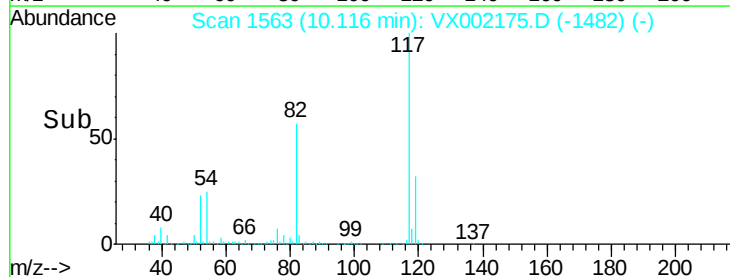
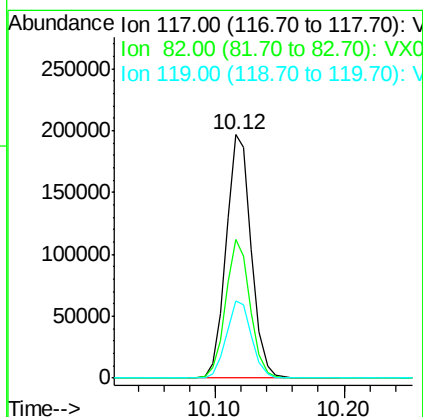
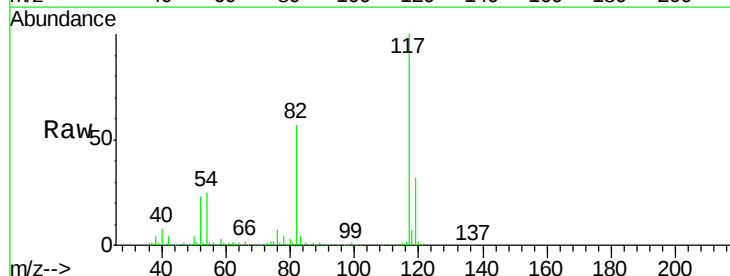
Instrument :
MSVOA_X
ClientSampleId :
14B-3

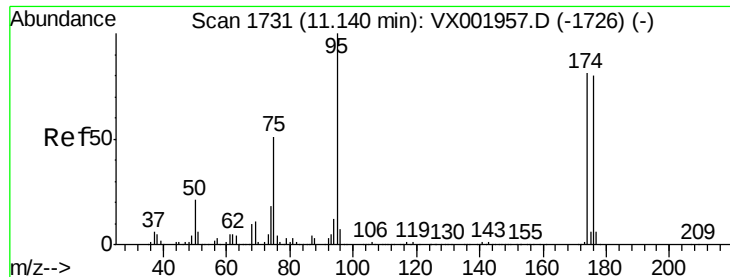
Tot Ion:129 Resp: 3393
Ion Ratio Lower Upper
129 100
127 86.0 38.5 115.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002175.D
Acq: 31 May 2018 14:05

Tgt Ion:117 Resp: 270544
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 31.7 25.7 38.5

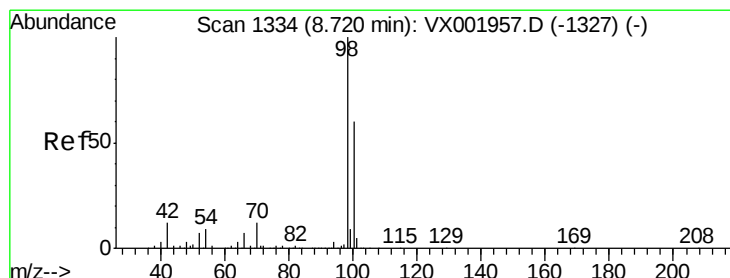
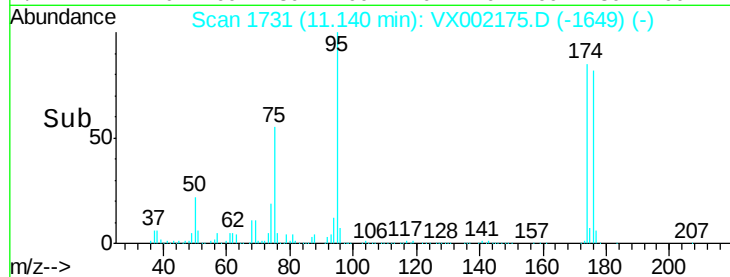
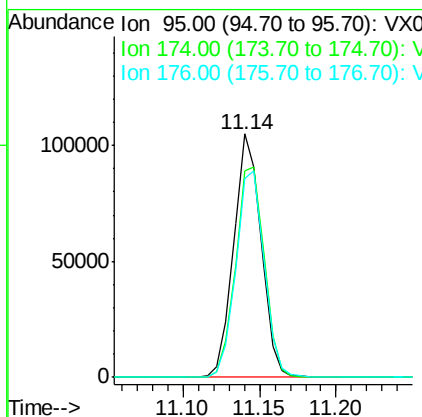
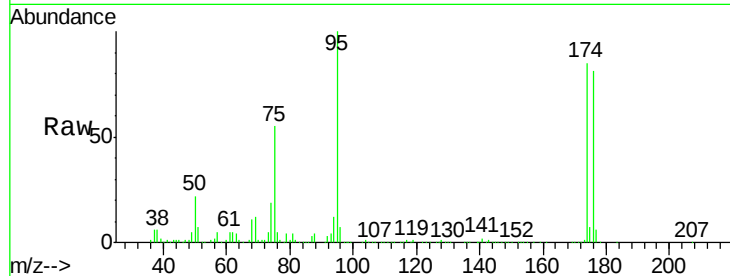




#60
4-Bromofluorobenzene
Concen: 28.154 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002175.D
Acq: 31 May 2018 14:05

Instrument :
MSVOA_X
ClientSampled :
14B-3

Tot Ion	95	Resp	130386
Ion Ratio	Lower	Upper	
95	100		
174	90.6	71.8	107.6
176	87.8	70.1	105.1



#63
Toluene-d8
Concen: 30.216 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002175.D
Acq: 31 May 2018 14:05

Tgt Ion	98	Resp	364354
Ion Ratio	Lower	Upper	
98	100		
100	63.9	50.8	76.2

