

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002193.D
 Acq On : 31 May 2018 23:03
 Operator : JC/MD
 Sample : J3212-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-2

Quant Time: Jun 01 04:01:03 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	49113	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	274072	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	234533	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	121839	31.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.10%
60) 4-Bromofluorobenzene	11.14	95	106962	26.64	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.80%
63) Toluene-d8	8.72	98	321304	30.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.47%

Target Compounds

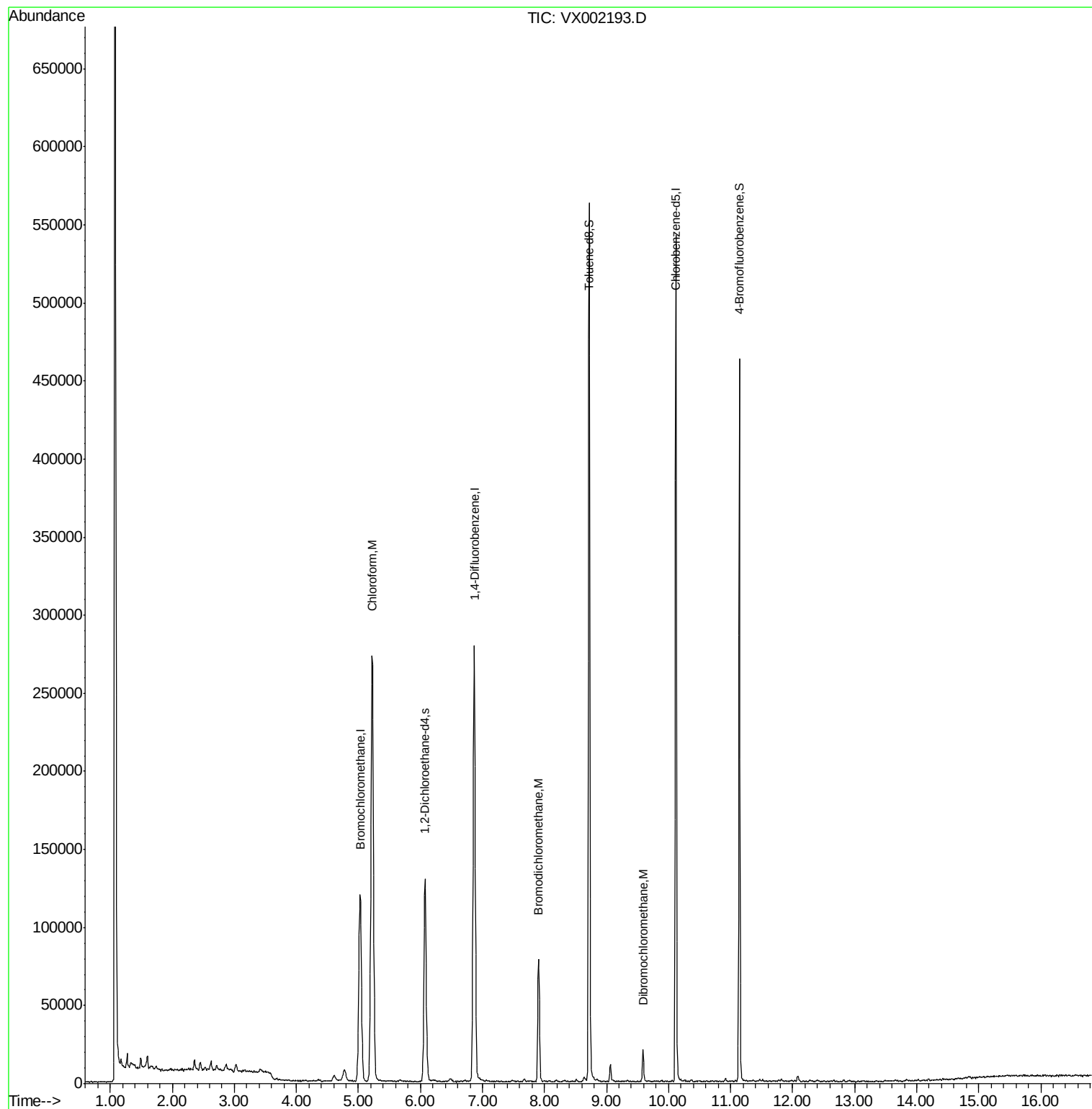
					Ovalue
25) Chloroform	5.22	83	312238	57.936 ug/l	99
41) Bromodichloromethane	7.90	83	46517	10.675 ug/l	98
53) Dibromochloromethane	9.59	129	3808	1.034 ug/l	97

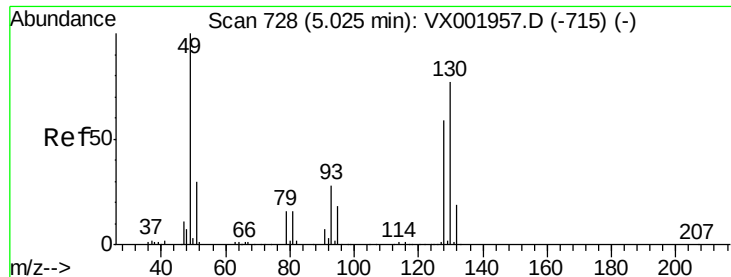
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002193.D

Acq: 31 May 2018 23:03

Instrument :

MSVOA_X

ClientSampled :

14B-2

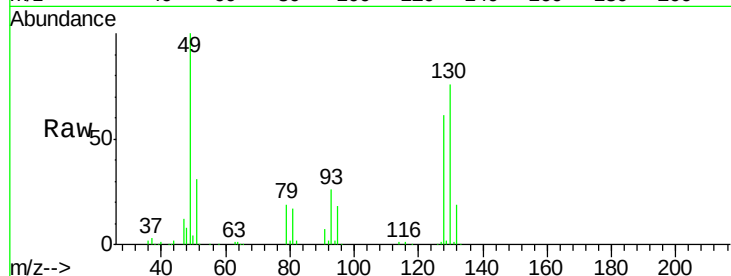
Tot Ion:128 Resp: 49113

Ion Ratio Lower Upper

128 100

49 170.9 0.0 423.0

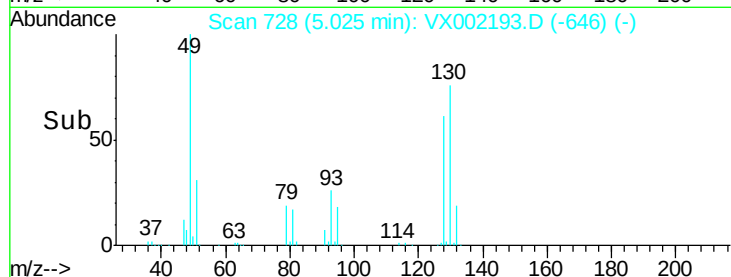
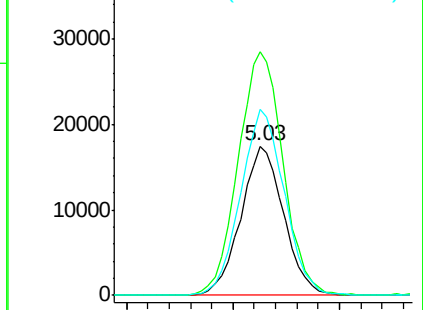
130 127.3 0.0 324.3



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: 57.936 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX002193.D

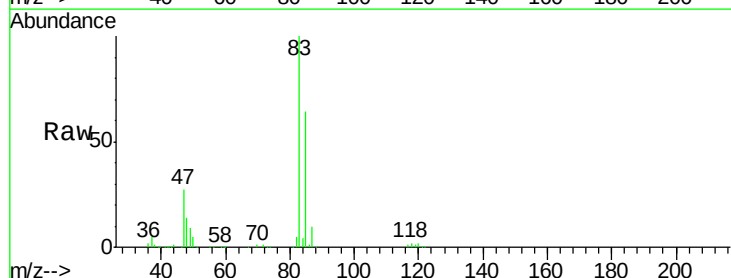
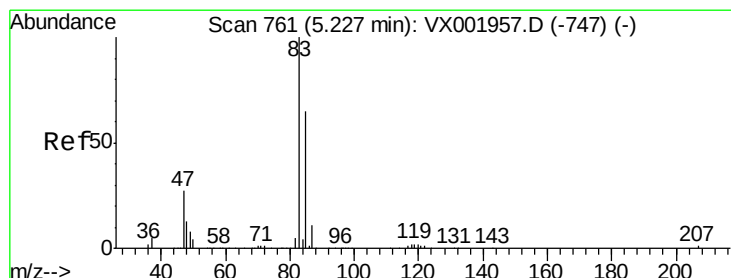
Acq: 31 May 2018 23:03

Tgt Ion: 83 Resp: 312238

Ion Ratio Lower Upper

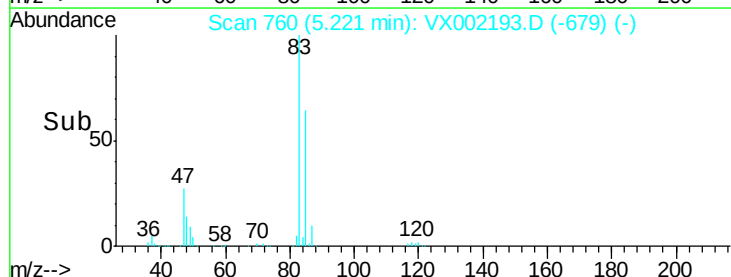
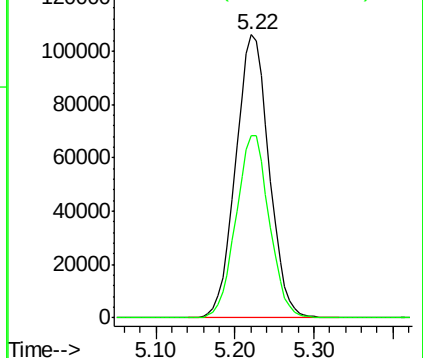
83 100

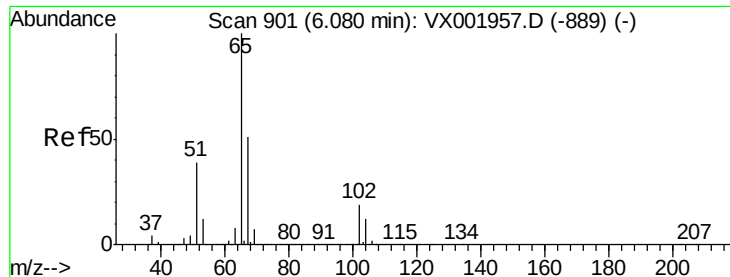
85 64.2 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

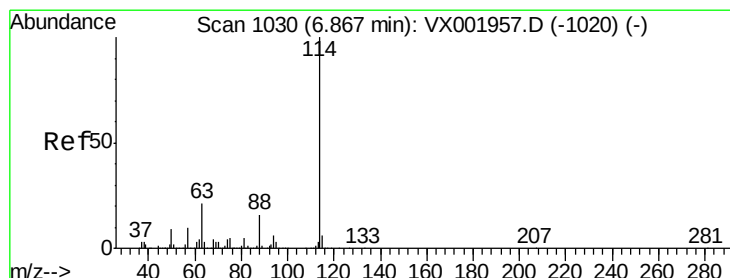
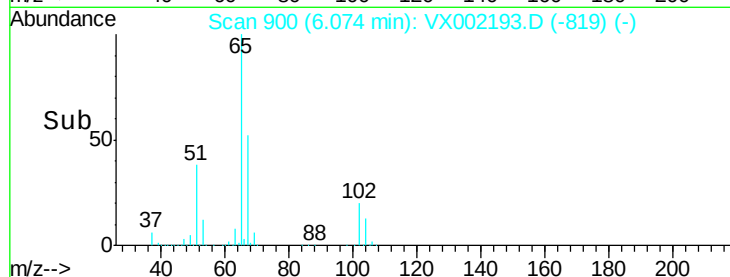
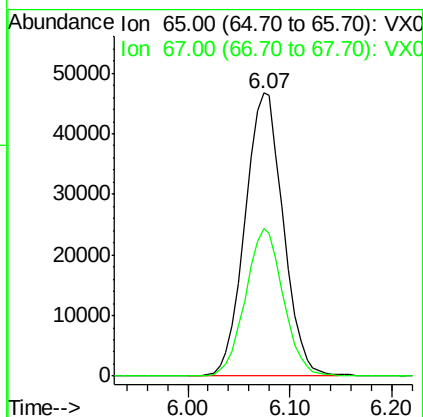
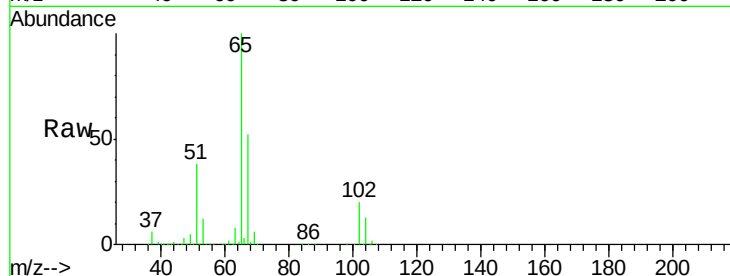




#27
 1,2-Dichloroethane-d4
 Concen: 31.526 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX002193.D
 Acq: 31 May 2018 23:03

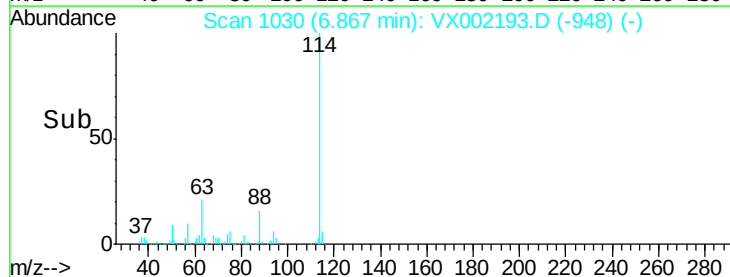
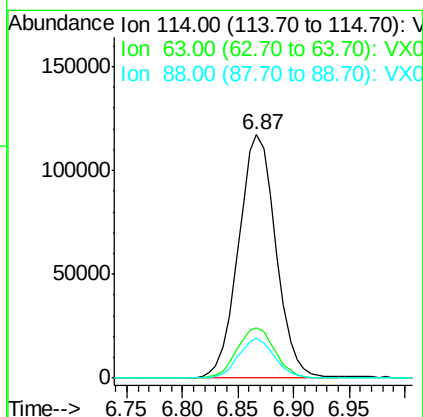
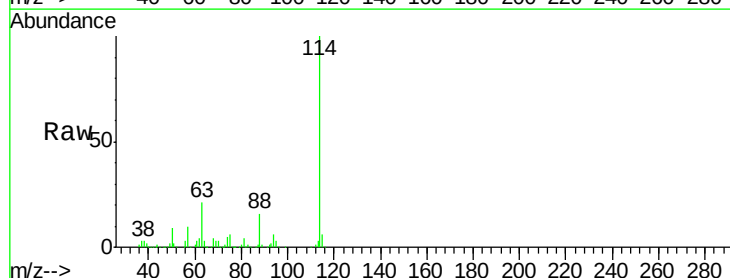
Instrument :
 MSVOA_X
 ClientSampled :
 14B-2

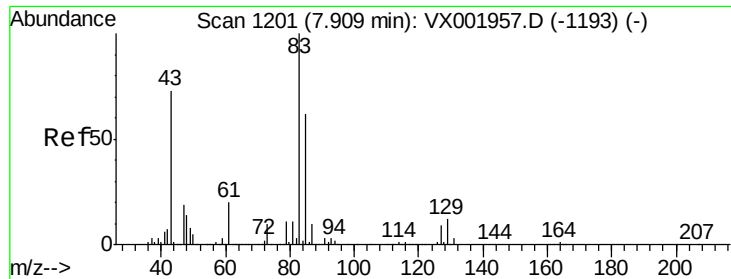
Tot Ion: 65 Resp: 121839
 Ion Ratio Lower Upper
 65 100
 67 51.5 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002193.D
 Acq: 31 May 2018 23:03

Tgt Ion: 114 Resp: 274072
 Ion Ratio Lower Upper
 114 100
 63 21.1 17.1 25.7
 88 15.9 12.6 19.0





#41

Bromodichloromethane

Concen: 10.675 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX002193.D

Acq: 31 May 2018 23:03

Instrument :

MSVOA_X

ClientSampleId :

14B-2

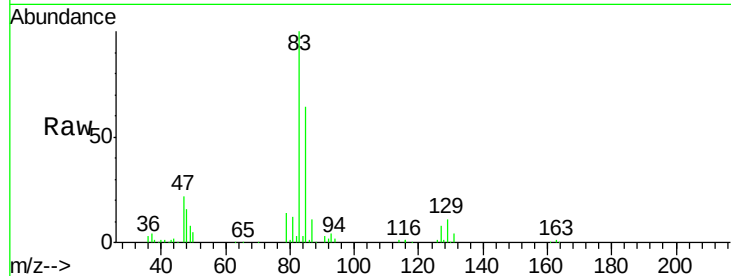
Tot Ion: 83 Resp: 46517

Ion Ratio Lower Upper

83 100

85 64.2 49.8 74.8

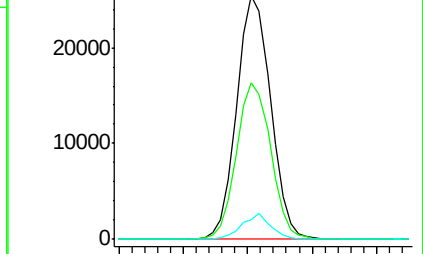
127 8.3 7.3 10.9



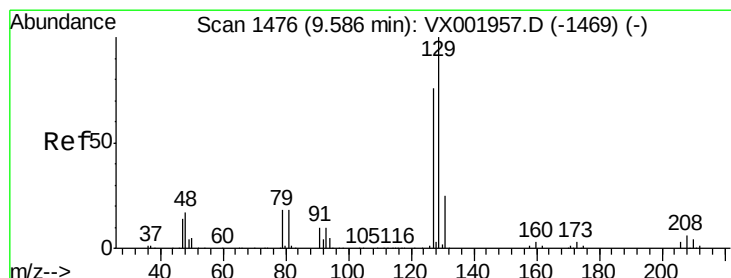
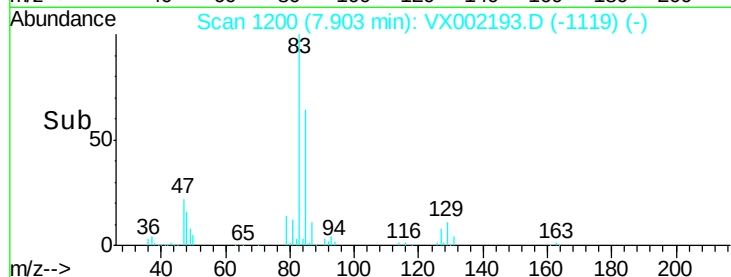
Abundance Ion 83.00 (82.70 to 83.70): VX001957.D (-1193) (-)

Ion 85.00 (84.70 to 85.70): VX001957.D (-1193) (-)

Ion 127.00 (126.70 to 127.70): VX001957.D (-1193) (-)



Time-->



#53

Dibromochloromethane

Concen: 1.034 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.01 min

Lab File: VX002193.D

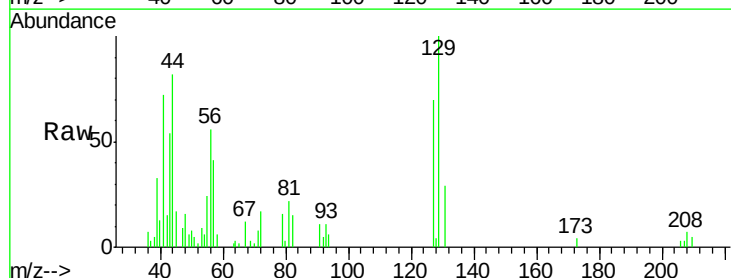
Acq: 31 May 2018 23:03

Tgt Ion: 129 Resp: 3808

Ion Ratio Lower Upper

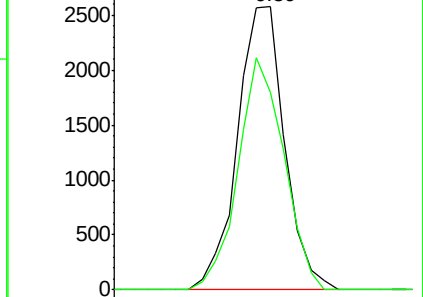
129 100

127 79.4 38.5 115.3

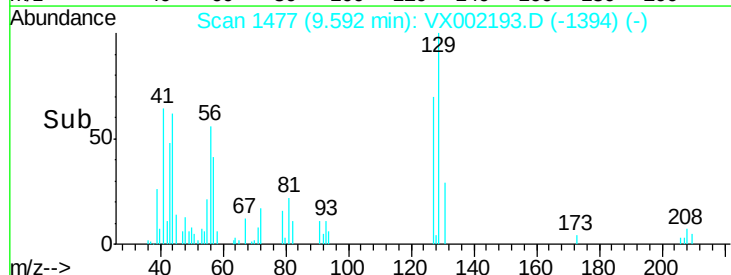


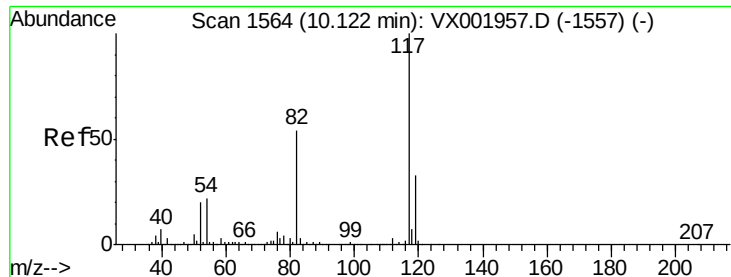
Abundance Ion 129.00 (128.70 to 129.70): VX001957.D (-1469) (-)

Ion 127.00 (126.70 to 127.70): VX001957.D (-1469) (-)



Time-->

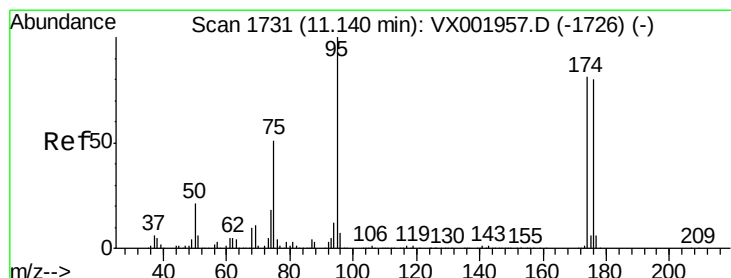
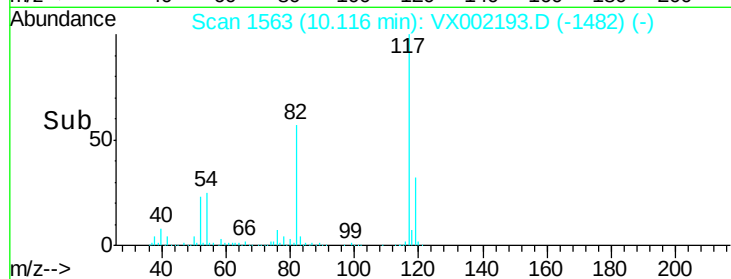
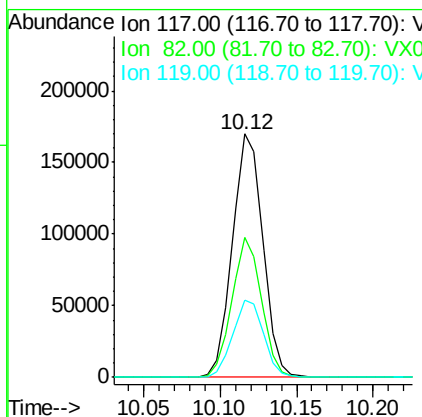
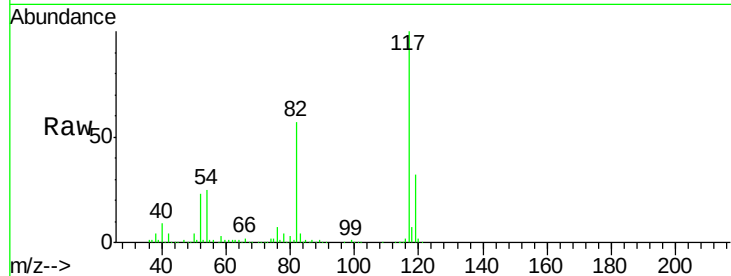




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002193.D
Acq: 31 May 2018 23:03

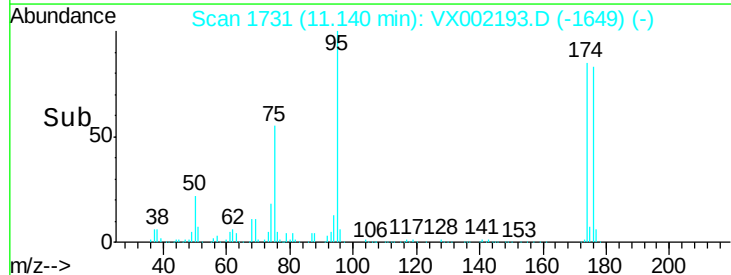
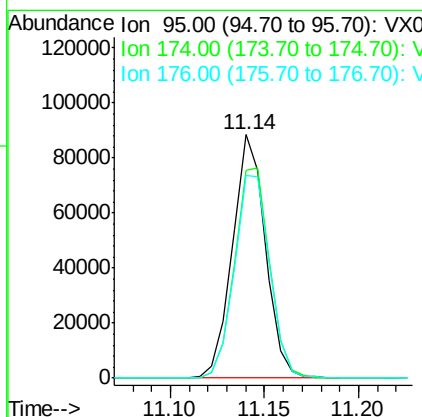
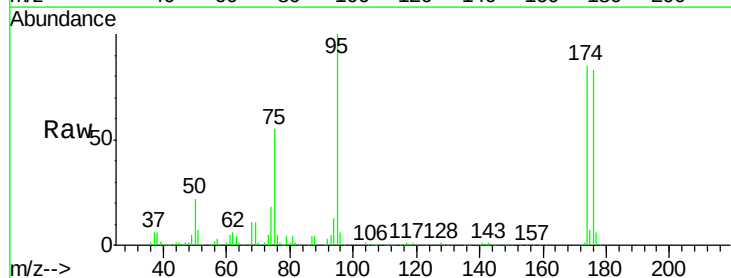
Instrument :
MSVOA_X
ClientSampleId :
14B-2

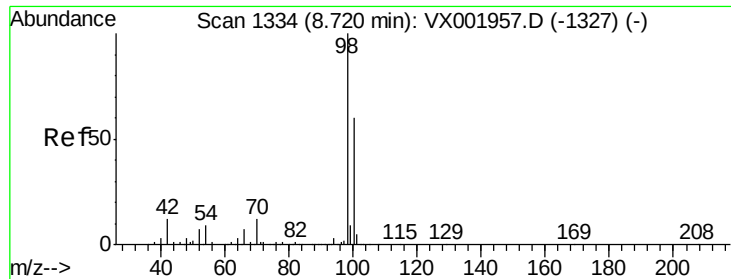
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.3	66.5
119	32.2	25.7	38.5



#60
4-Bromofluorobenzene
Concen: 26.642 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002193.D
Acq: 31 May 2018 23:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.3	71.8	107.6
176	89.6	70.1	105.1





#63
 Toluene-d8
 Concen: 30.738 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002193.D
 Acq: 31 May 2018 23:03

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-2

Tot Ion: 98 Resp: 321304
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.8 76.2

