

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002192.D
 Acq On : 31 May 2018 22:36
 Operator : JC/MD
 Sample : J3212-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-1

Quant Time: Jun 01 03:59:12 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	50549	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	284681	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	248128	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	124773	31.37	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.57%
60) 4-Bromofluorobenzene	11.14	95	114190	26.88	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.60%
63) Toluene-d8	8.72	98	338789	30.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.10%

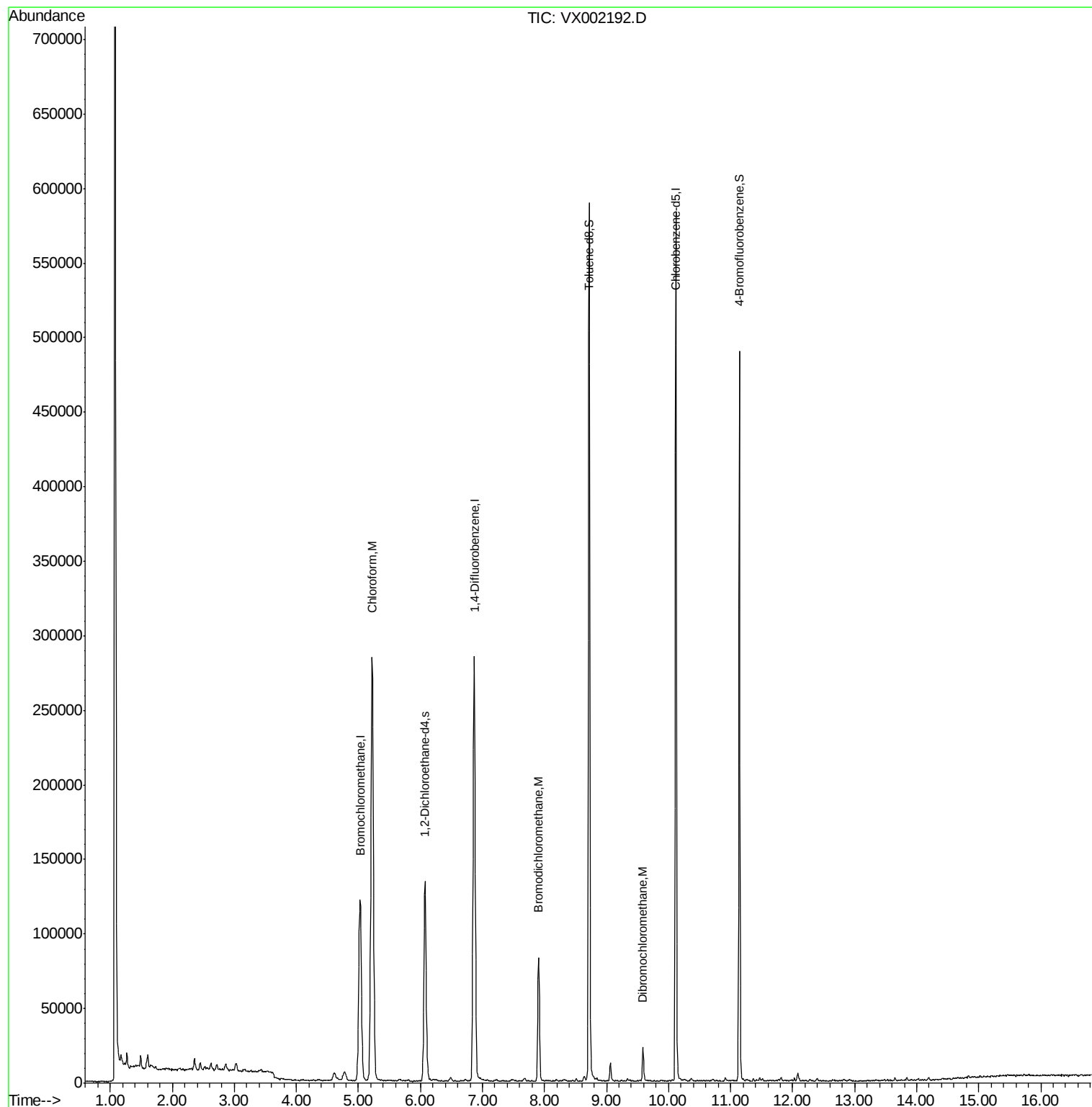
Target Compounds					Ovalue
25) Chloroform	5.22	83	324626	58.524 ug/l	97
41) Bromodichloromethane	7.90	83	48997	10.825 ug/l	98
53) Dibromochloromethane	9.59	129	3878	1.013 ug/l	97

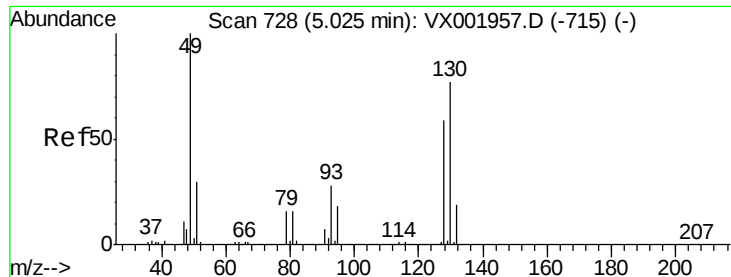
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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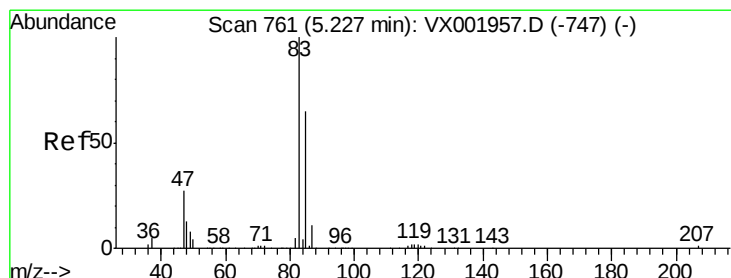
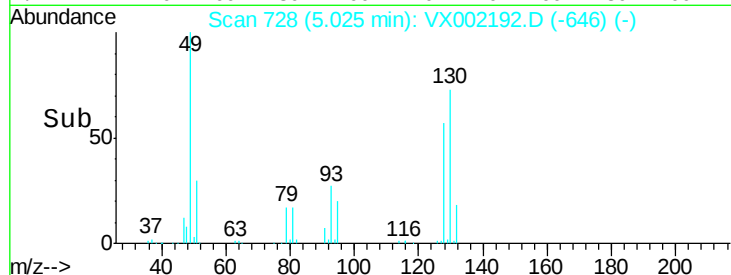
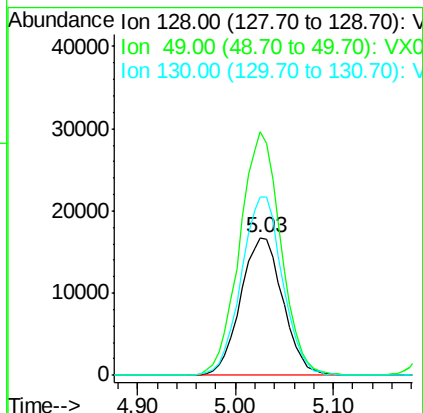
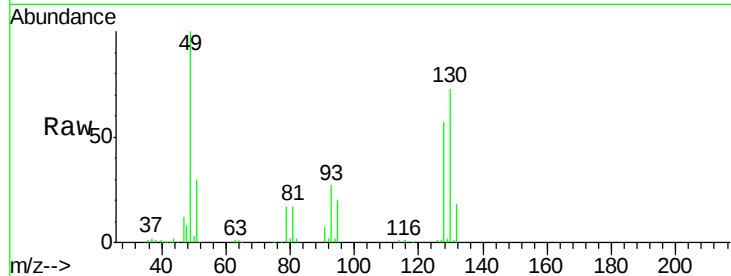


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002192.D
 Acq: 31 May 2018 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-1

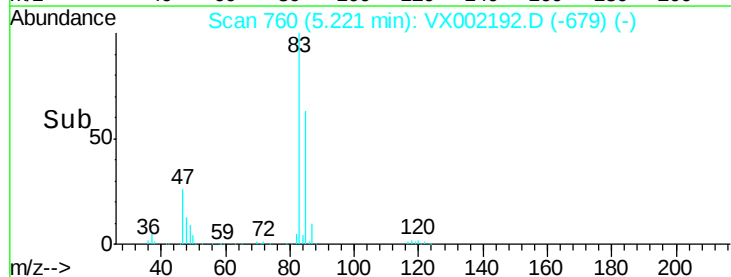
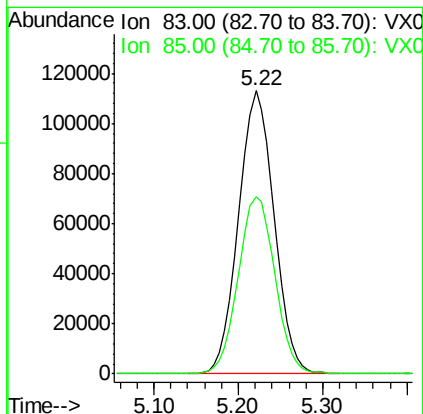
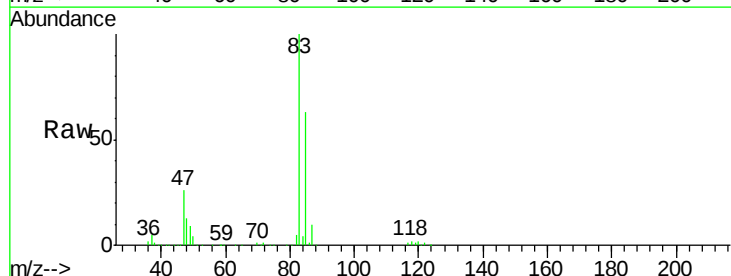
Tot Ion:128 Resp: 50549
 Ion Ratio Lower Upper
 128 100
 49 171.5 0.0 423.0
 130 126.4 0.0 324.3

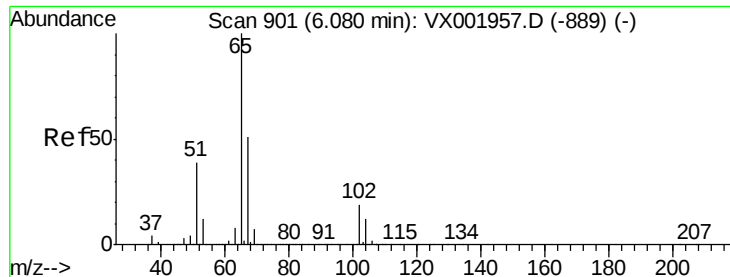


#25

Chloroform
 Concen: 58.524 ug/l
 RT: 5.22 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VX002192.D
 Acq: 31 May 2018 22:36

Tgt Ion: 83 Resp: 324626
 Ion Ratio Lower Upper
 83 100
 85 62.5 51.9 77.9





#27

1,2-Dichloroethane-d4

Concen: 31.368 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX002192.D

Acq: 31 May 2018 22:36

Instrument :

MSVOA_X

ClientSampled :

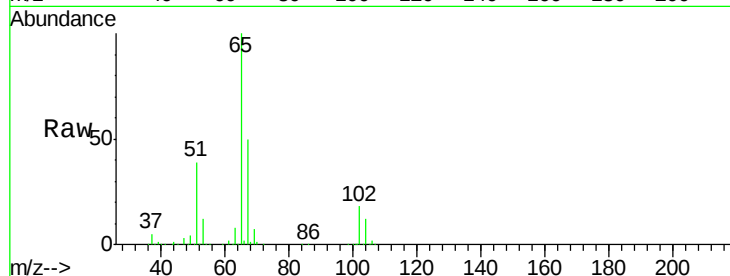
14B-1

Tot Ion: 65 Resp: 124773

Ion Ratio Lower Upper

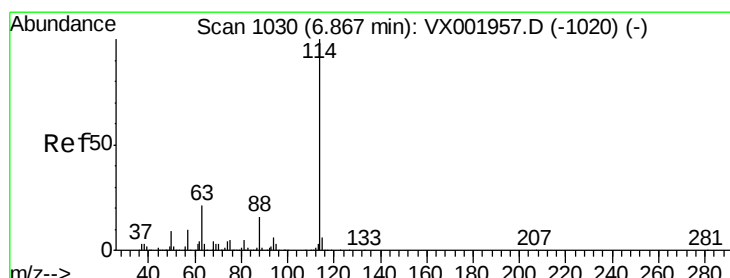
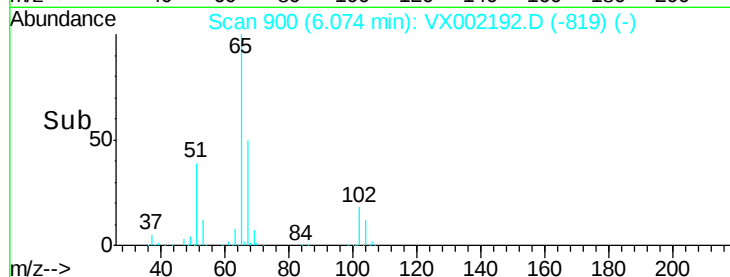
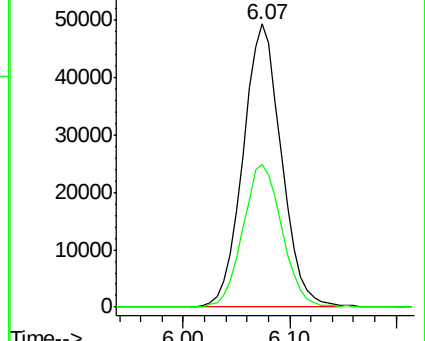
65 100

67 51.4 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: 30.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002192.D

Acq: 31 May 2018 22:36

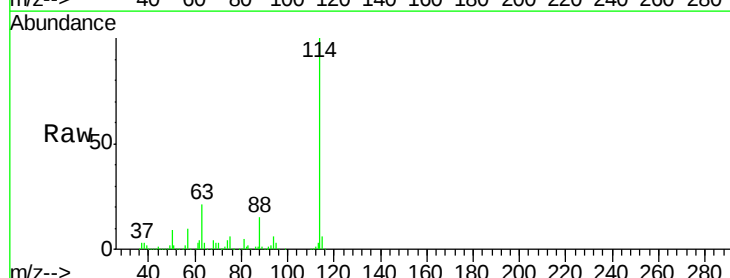
Tgt Ion: 114 Resp: 284681

Ion Ratio Lower Upper

114 100

63 21.5 17.1 25.7

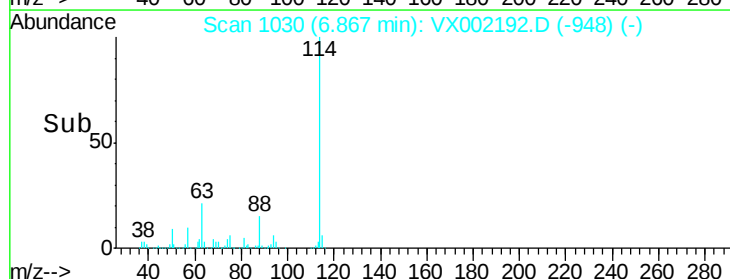
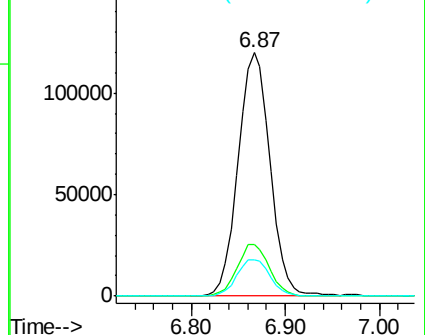
88 15.6 12.6 19.0

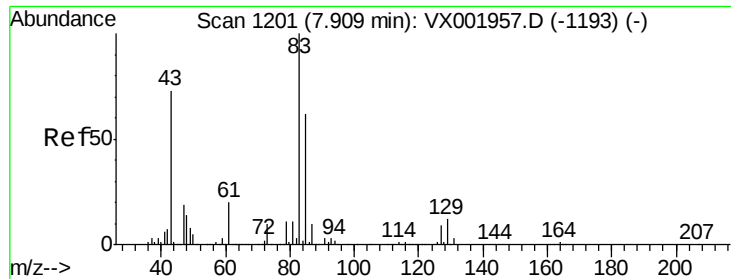


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#41

Bromodichloromethane

Concen: 10.825 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX002192.D

Acq: 31 May 2018 22:36

Instrument :

MSVOA_X

ClientSampleId :

14B-1

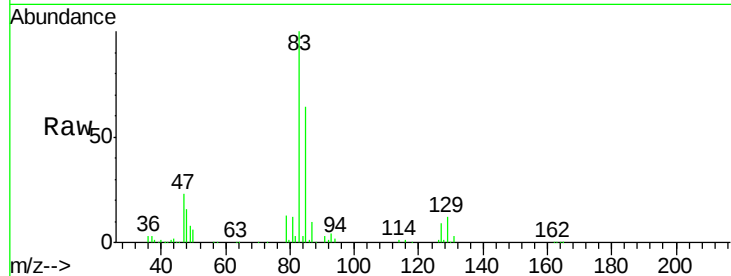
Tot Ion: 83 Resp: 48997

Ion Ratio Lower Upper

83 100

85 63.5 49.8 74.8

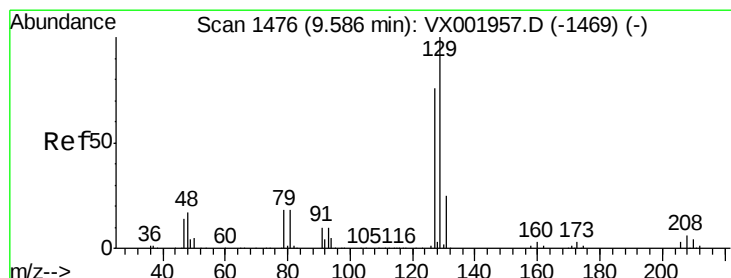
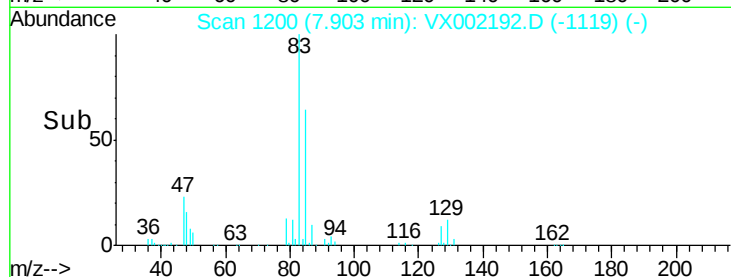
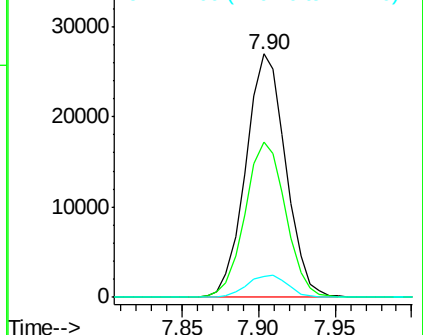
127 8.7 7.3 10.9



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) (-)



#53

Dibromochloromethane

Concen: 1.013 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002192.D

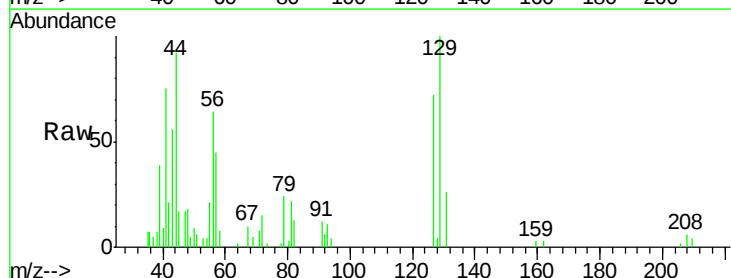
Acq: 31 May 2018 22:36

Tgt Ion: 129 Resp: 3878

Ion Ratio Lower Upper

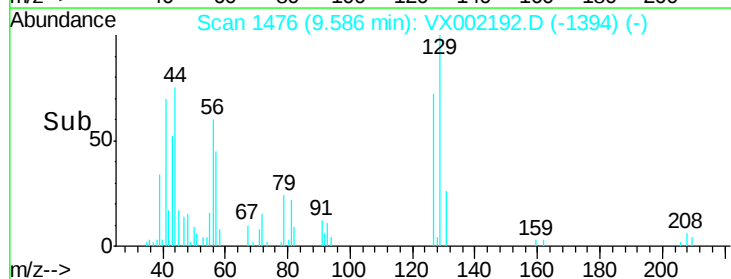
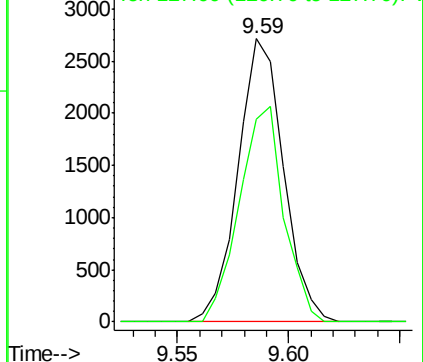
129 100

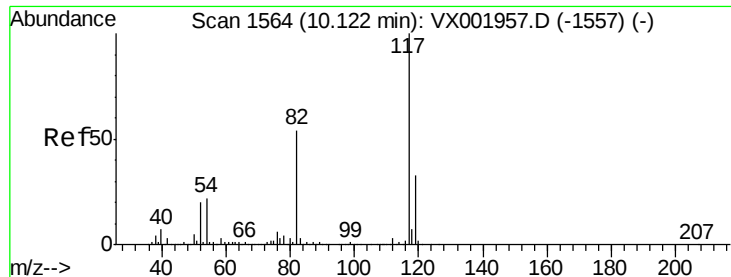
127 74.2 38.5 115.3



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

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

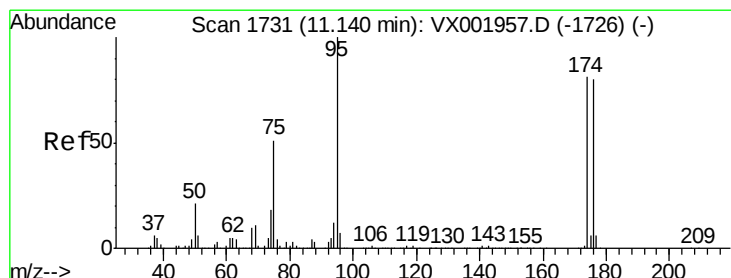
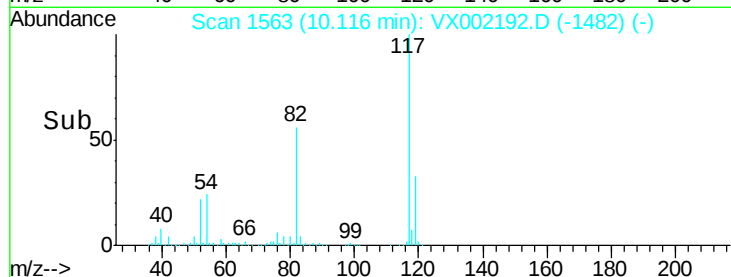
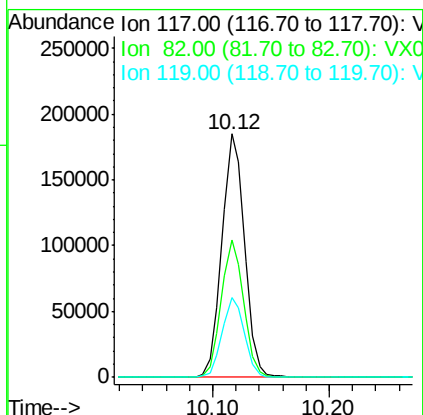
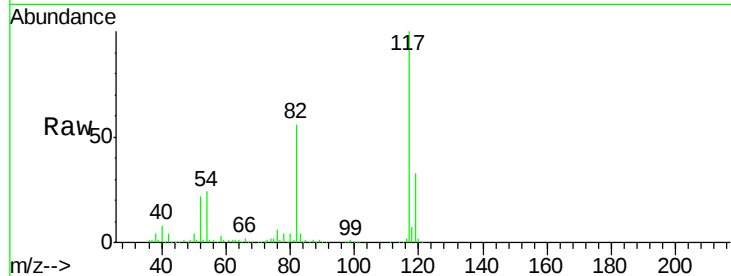




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002192.D
Acq: 31 May 2018 22:36

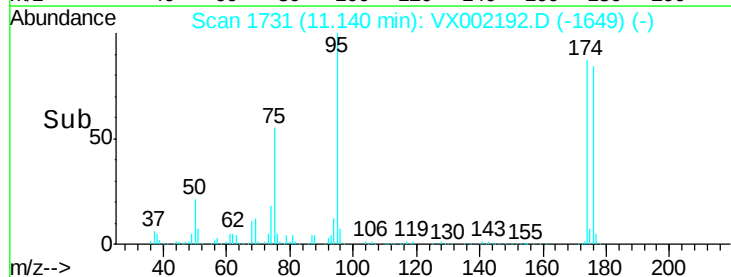
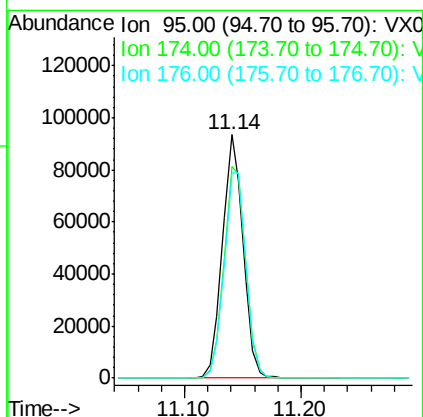
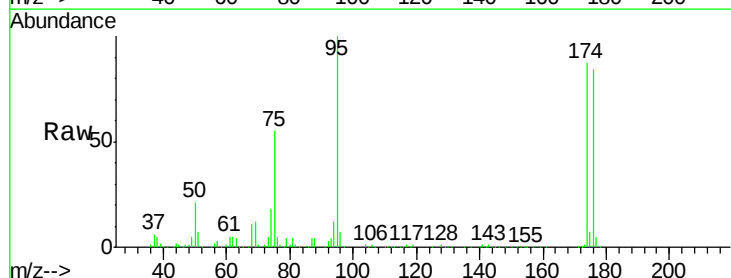
Instrument :
MSVOA_X
ClientSampleId :
14B-1

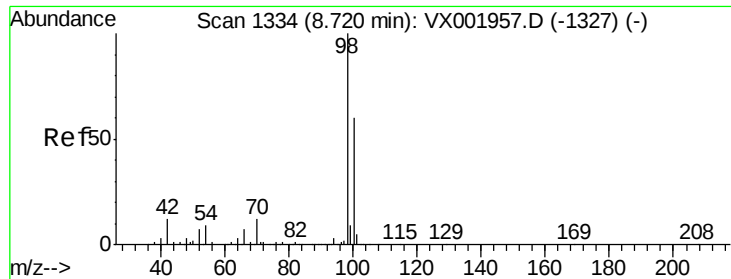
Tot Ion:117 Resp: 248128
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.2 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 26.884 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002192.D
Acq: 31 May 2018 22:36

Tgt Ion: 95 Resp: 114190
Ion Ratio Lower Upper
95 100
174 91.7 71.8 107.6
176 89.3 70.1 105.1





#63
Toluene-d8
Concen: 30.634 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002192.D
Acq: 31 May 2018 22:36

Instrument :
MSVOA_X
ClientSampleId :
14B-1

Tot Ion: 98 Resp: 338789
Ion Ratio Lower Upper
98 100
100 63.4 50.8 76.2

