

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002151.D
 Acq On : 30 May 2018 21:45
 Operator : JC/MD
 Sample : J3093-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-4

Quant Time: May 31 05:52:43 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	35429	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	190322	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	160663	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	86824	31.14	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	103.80%	
60) 4-Bromofluorobenzene	11.14	95	72220	26.26	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	87.53%	
63) Toluene-d8	8.72	98	227209	31.73	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	105.77%	

Target Compounds

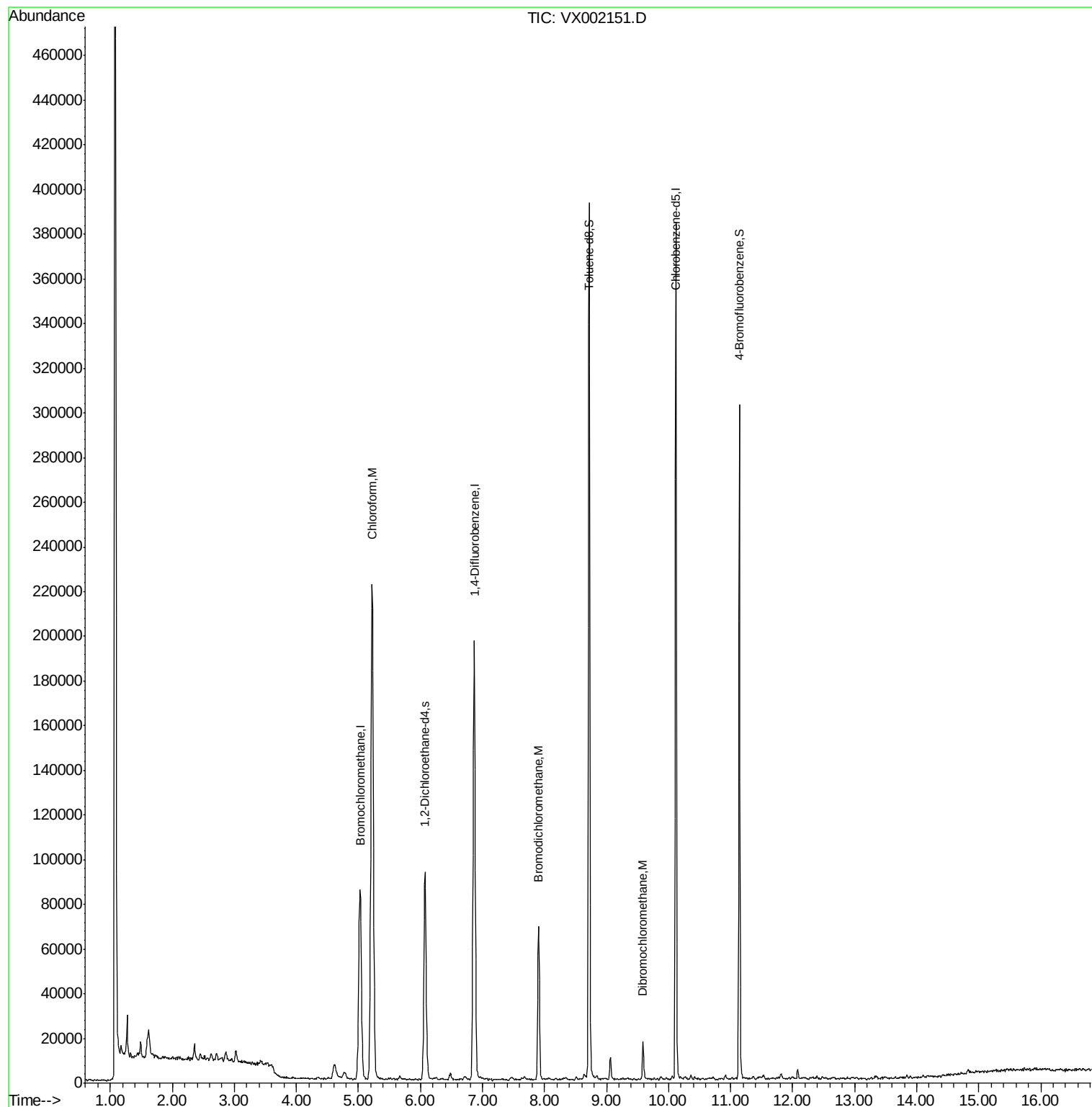
					Ovalue
25) Chloroform	5.22	83	253413	65.18 ug/l	97
41) Bromodichloromethane	7.90	83	39984	13.21 ug/l	100
53) Dibromochloromethane	9.59	129	3267	1.28 ug/l	97

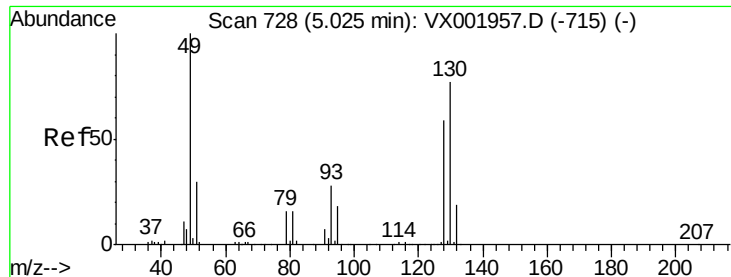
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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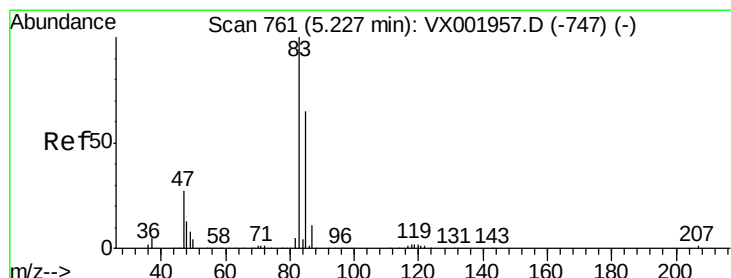
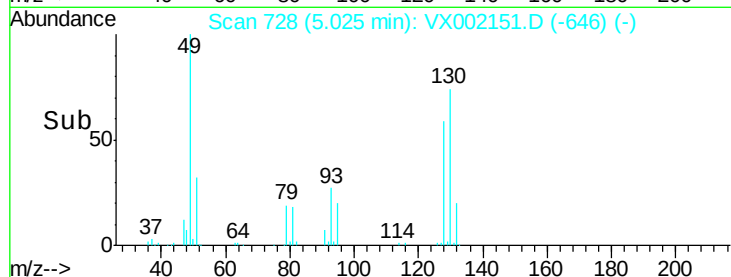
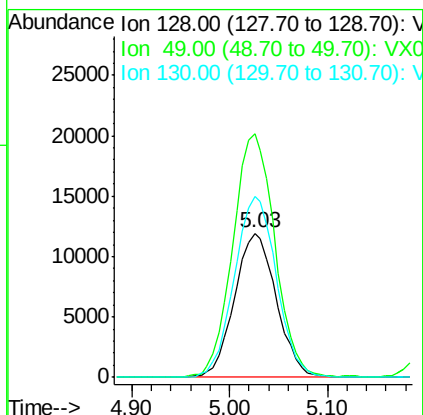
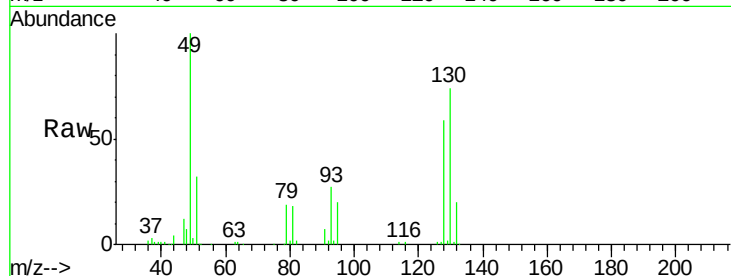




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX002151.D
Acq: 30 May 2018 21:45

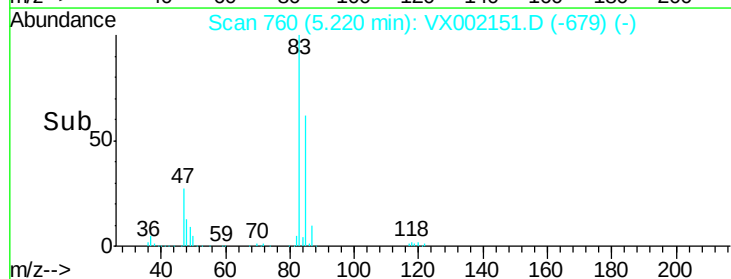
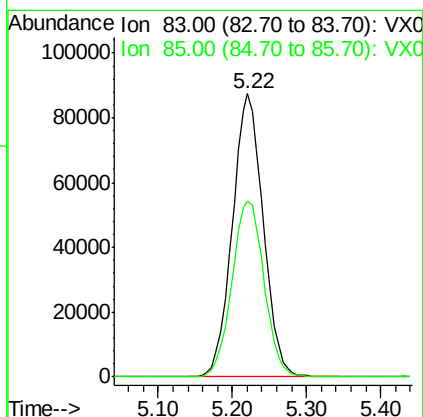
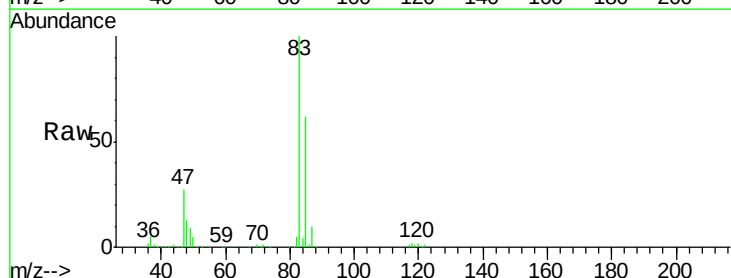
Instrument :
MSVOA_X
ClientSampled :
14B-4

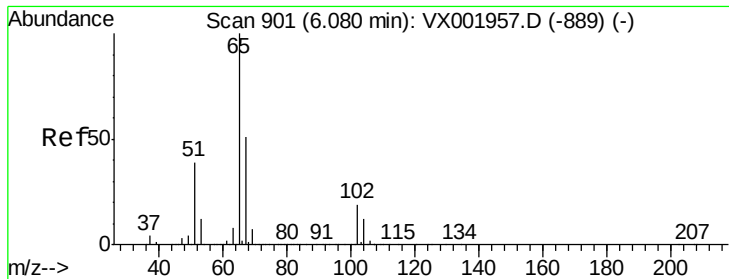
Tot Ion:128 Resp: 35429
Ion Ratio Lower Upper
128 100
49 169.8 0.0 423.0
130 126.2 0.0 324.3



#25
Chloroform
Concen: 65.18 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX002151.D
Acq: 30 May 2018 21:45

Tgt Ion: 83 Resp: 253413
Ion Ratio Lower Upper
83 100
85 62.3 51.9 77.9





#27

1,2-Dichloroethane-d4

Concen: 31.14 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX002151.D

Acq: 30 May 2018 21:45

Instrument :

MSVOA_X

ClientSampleId :

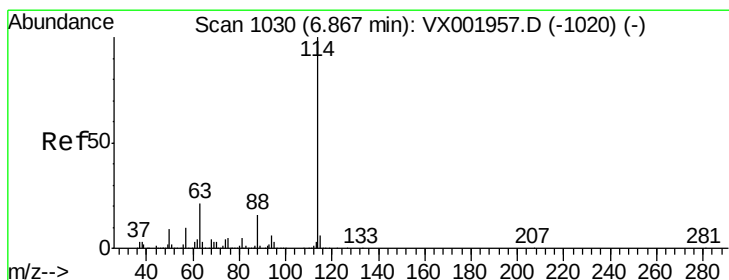
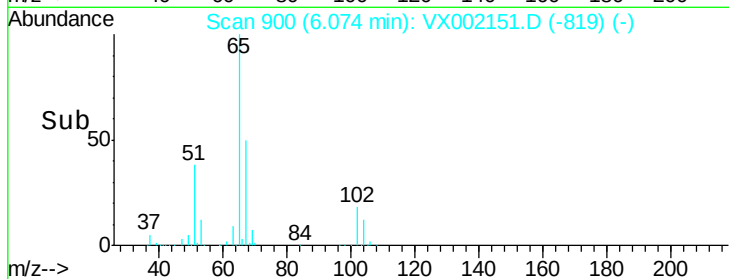
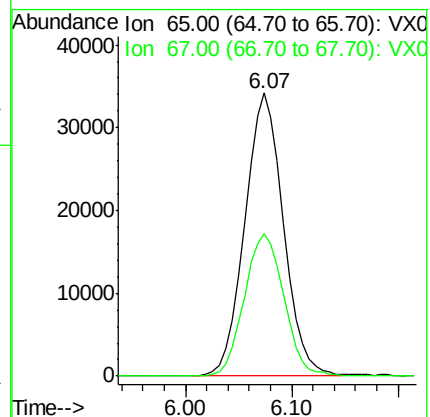
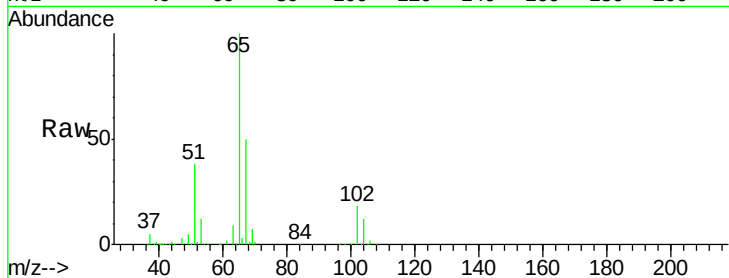
14B-4

Tot Ion: 65 Resp: 86824

Ion Ratio Lower Upper

65 100

67 51.7 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002151.D

Acq: 30 May 2018 21:45

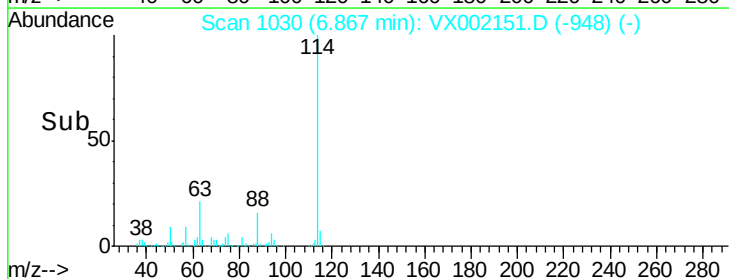
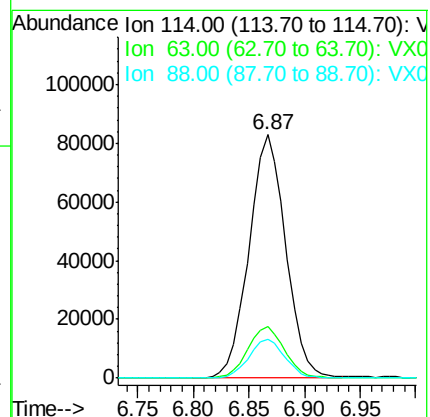
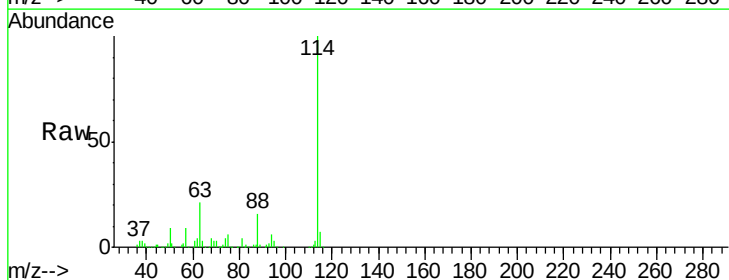
Tgt Ion: 114 Resp: 190322

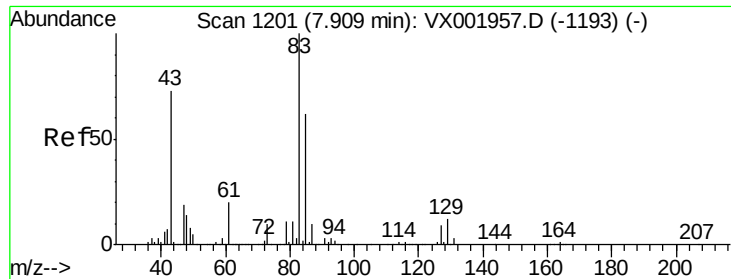
Ion Ratio Lower Upper

114 100

63 21.4 17.1 25.7

88 15.8 12.6 19.0





#41

Bromodichloromethane

Concen: 13.21 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX002151.D

Acq: 30 May 2018 21:45

Instrument :

MSVOA_X

ClientSampleId :

14B-4

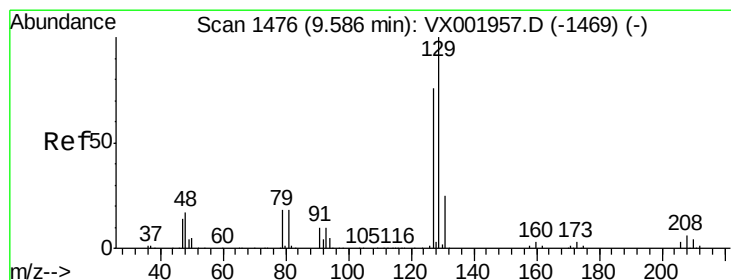
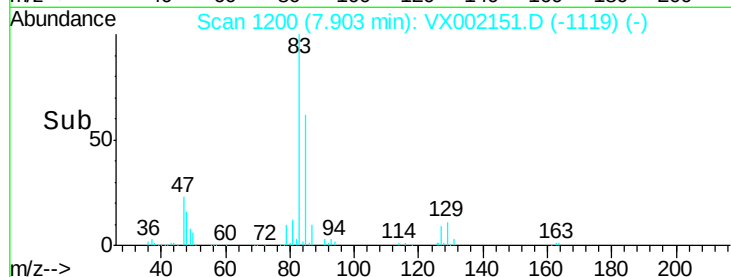
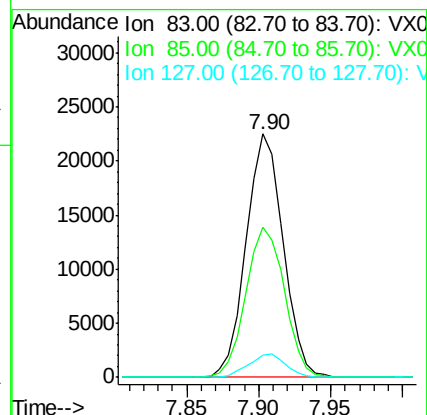
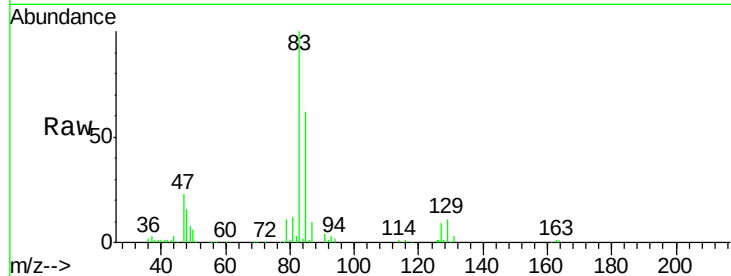
Tot Ion: 83 Resp: 39984

Ion Ratio Lower Upper

83 100

85 61.9 49.8 74.8

127 9.1 7.3 10.9



#53

Dibromochloromethane

Concen: 1.28 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.01 min

Lab File: VX002151.D

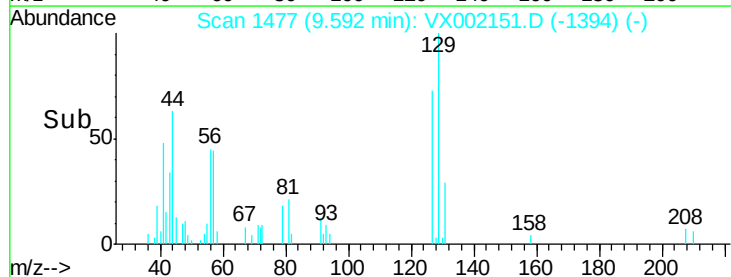
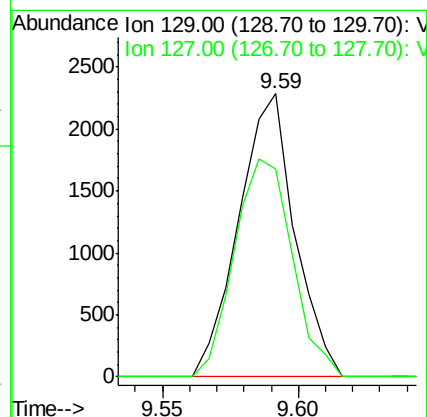
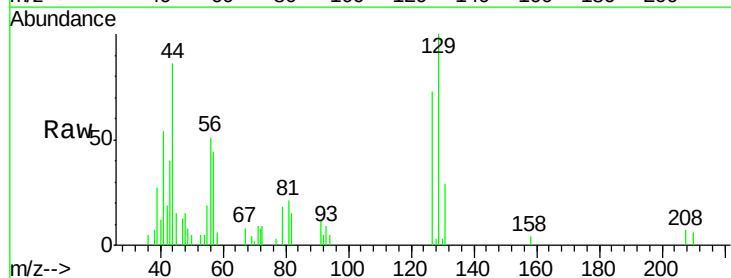
Acq: 30 May 2018 21:45

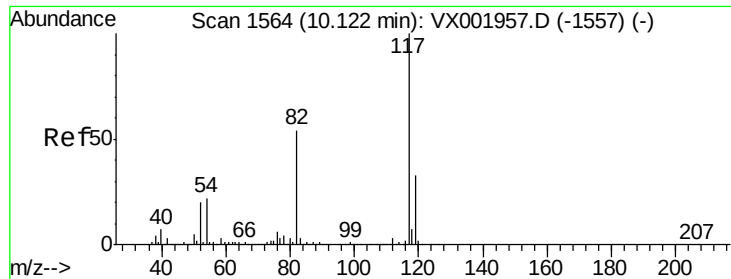
Tgt Ion: 129 Resp: 3267

Ion Ratio Lower Upper

129 100

127 79.5 38.5 115.3

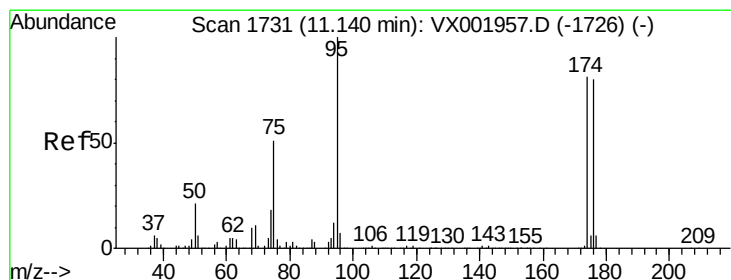
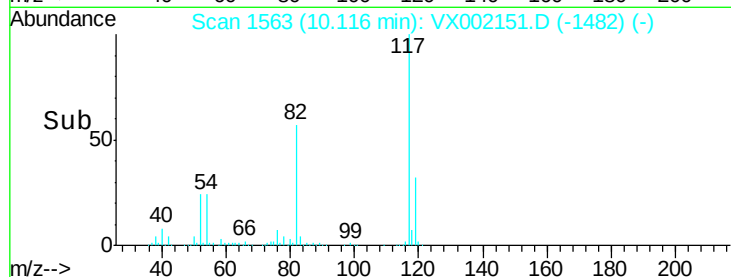
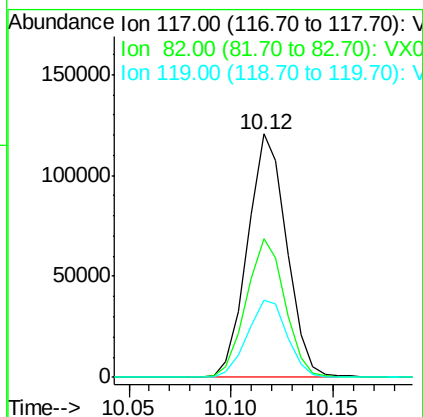
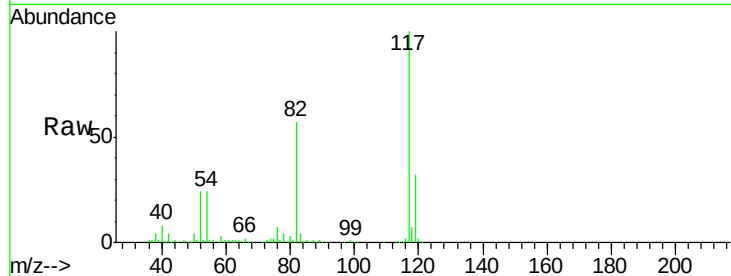




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002151.D
Acq: 30 May 2018 21:45

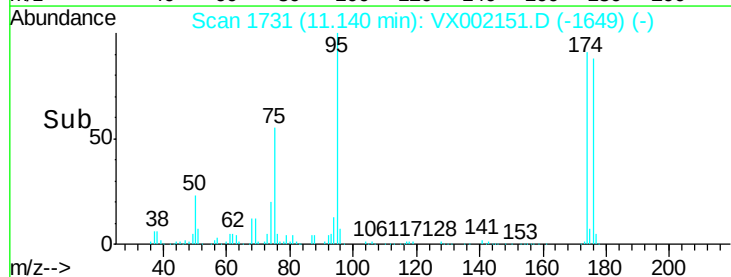
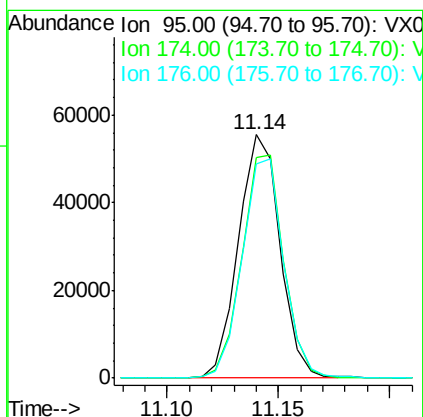
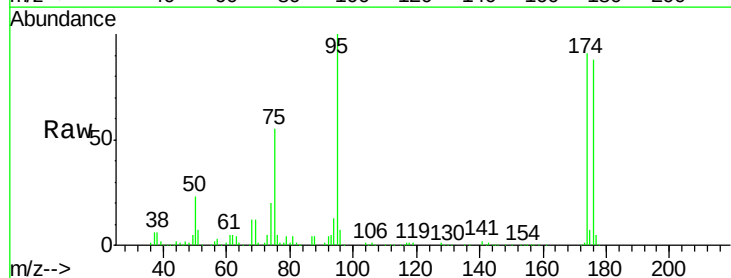
Instrument :
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ClientSampleId :
14B-4

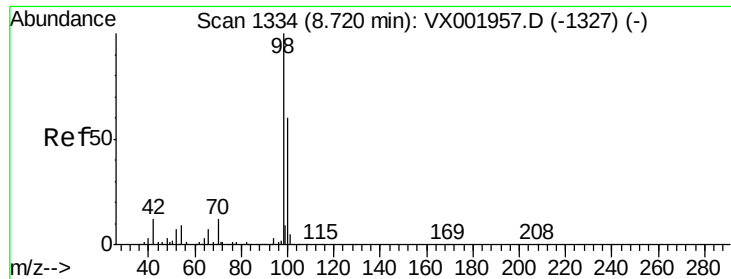
Tot Ion:117 Resp: 160663
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 32.2 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 26.26 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002151.D
Acq: 30 May 2018 21:45

Tgt Ion: 95 Resp: 72220
Ion Ratio Lower Upper
95 100
174 92.4 71.8 107.6
176 90.3 70.1 105.1





#63

Toluene-d8

Concen: 31.73 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002151.D

Acq: 30 May 2018 21:45

Instrument :

MSVOA_X

ClientSampleId :

14B-4

Tot Ion: 98 Resp: 227209

Ion Ratio Lower Upper

98 100

100 63.3 50.8 76.2

