

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002140.D
 Acq On : 30 May 2018 14:49
 Operator : JC/MD
 Sample : J3093-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-1

Quant Time: May 31 05:29:17 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	50197	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	284930	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	253024	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	126341	31.98	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.60%
60) 4-Bromofluorobenzene	11.14	95	116535	26.91	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.70%
63) Toluene-d8	8.72	98	341617	30.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.97%

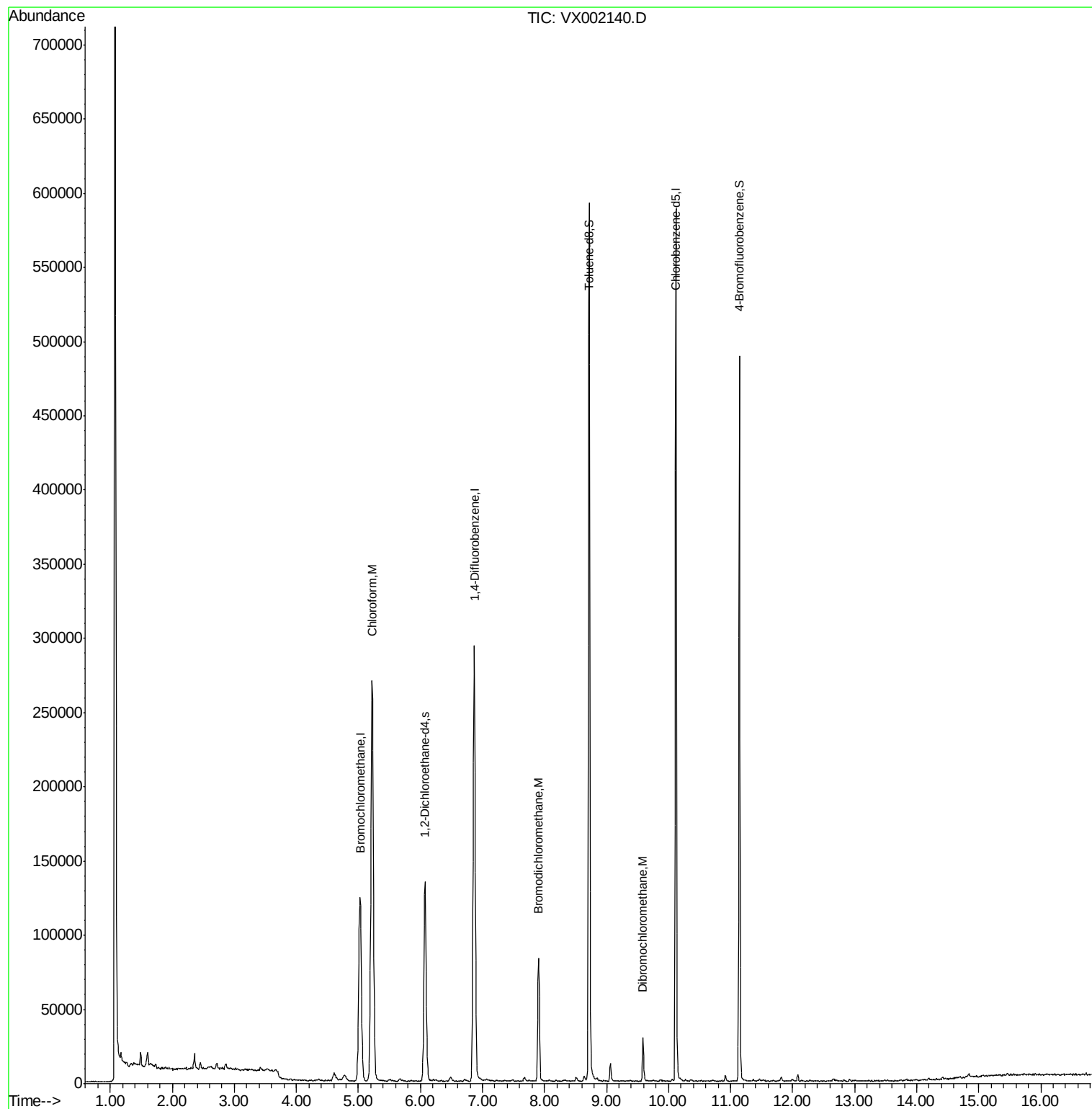
Target Compounds					Ovalue
25) Chloroform	5.22	83	307486	55.82	ug/l 99
41) Bromodichloromethane	7.90	83	48821	10.78	ug/l 99
53) Dibromochloromethane	9.59	129	4250	1.11	ug/l 99

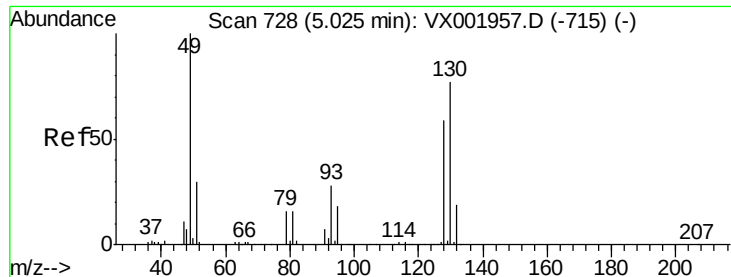
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002140.D

Acq: 30 May 2018 14:49

Instrument :

MSVOA_X

ClientSampled :

14B-1

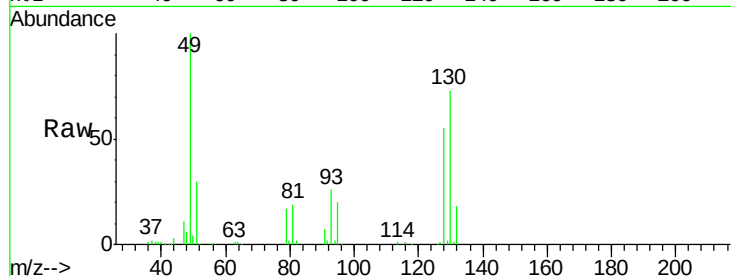
Tot Ion:128 Resp: 50197

Ion Ratio Lower Upper

128 100

49 176.4 0.0 423.0

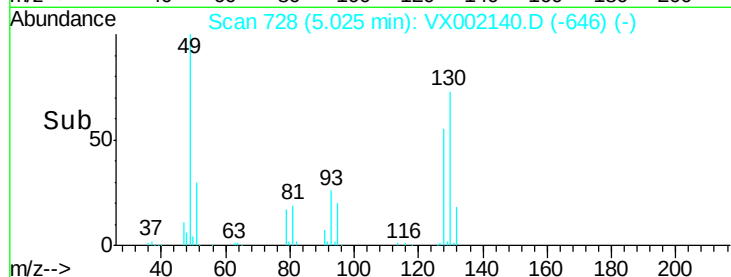
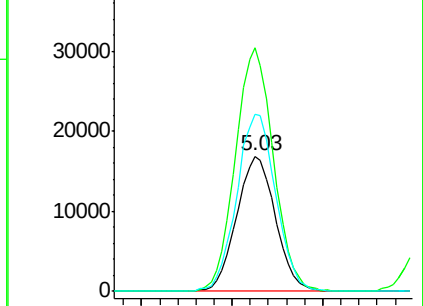
130 131.8 0.0 324.3



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: 55.82 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX002140.D

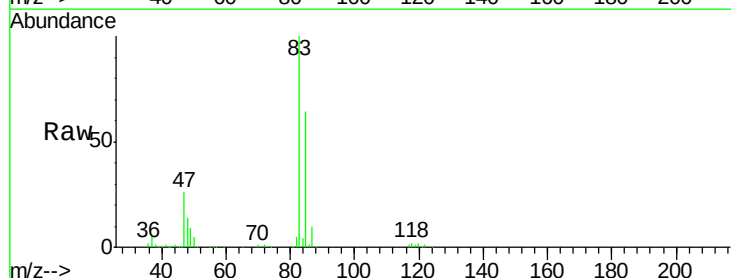
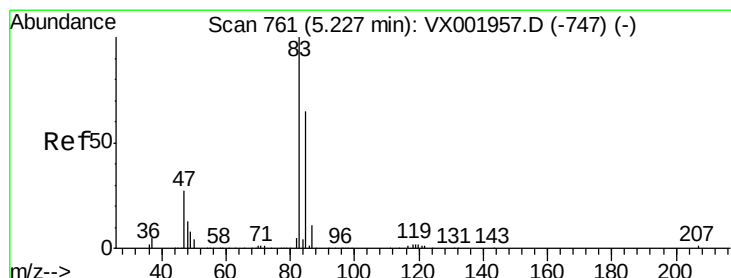
Acq: 30 May 2018 14:49

Tgt Ion: 83 Resp: 307486

Ion Ratio Lower Upper

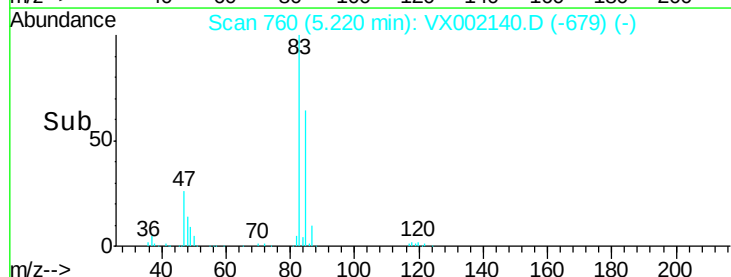
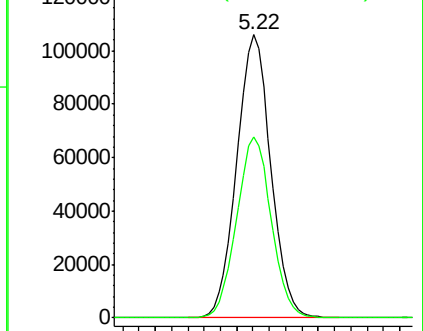
83 100

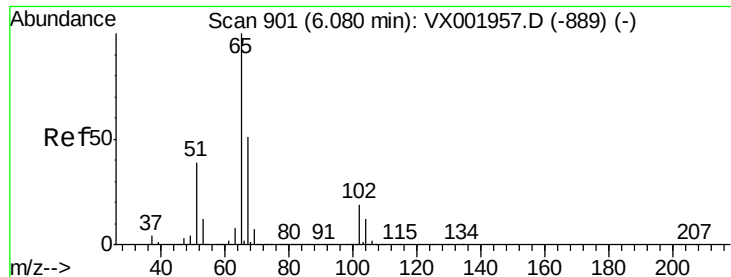
85 63.8 51.9 77.9



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: 31.98 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX002140.D

Acq: 30 May 2018 14:49

Instrument :

MSVOA_X

ClientSampled :

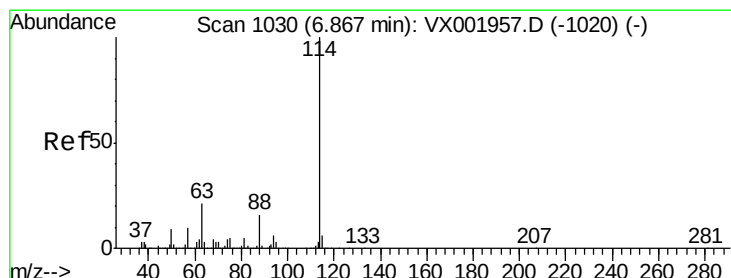
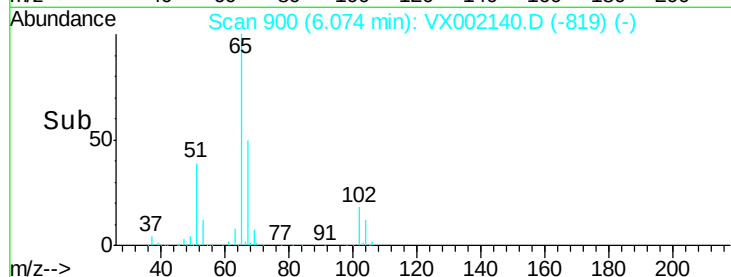
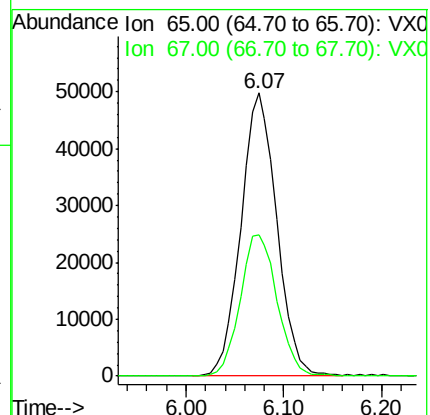
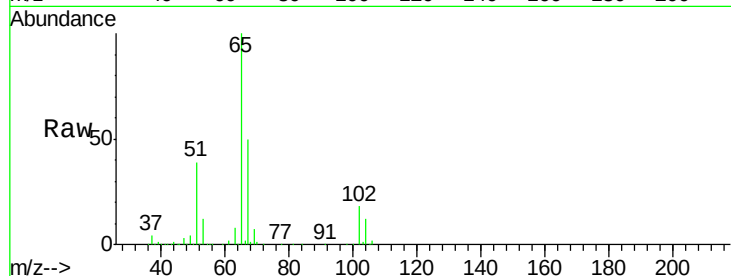
14B-1

Tot Ion: 65 Resp: 126341

Ion Ratio Lower Upper

65 100

67 51.5 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: VX002140.D

Acq: 30 May 2018 14:49

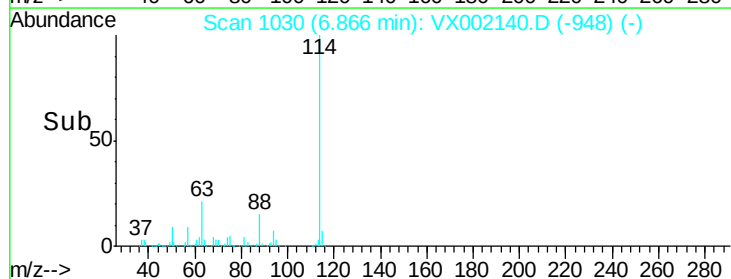
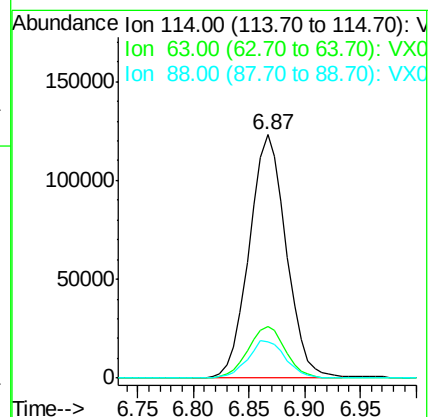
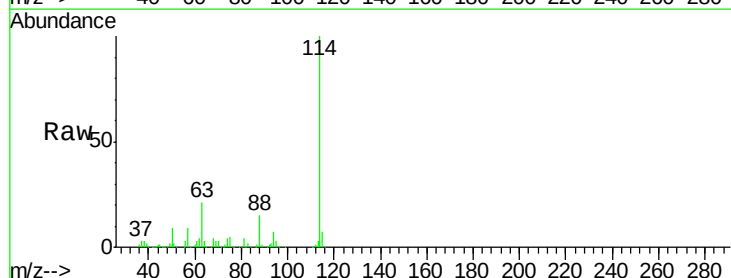
Tgt Ion: 114 Resp: 284930

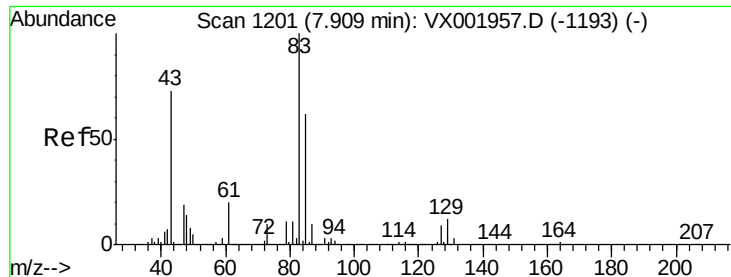
Ion Ratio Lower Upper

114 100

63 21.7 17.1 25.7

88 15.7 12.6 19.0





#41

Bromodichloromethane

Concen: 10.78 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX002140.D

Acq: 30 May 2018 14:49

Instrument :

MSVOA_X

ClientSampleId :

14B-1

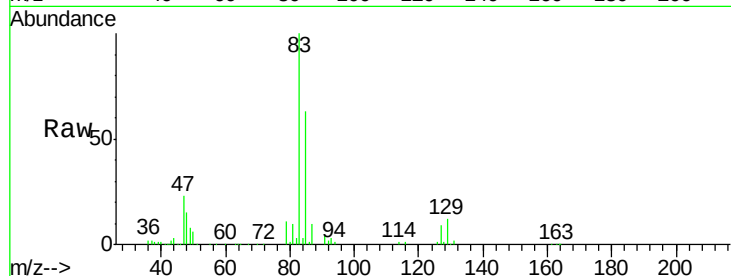
Tot Ion: 83 Resp: 48821

Ion Ratio Lower Upper

83 100

85 62.9 49.8 74.8

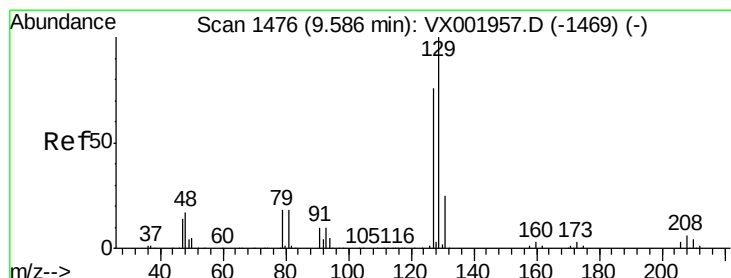
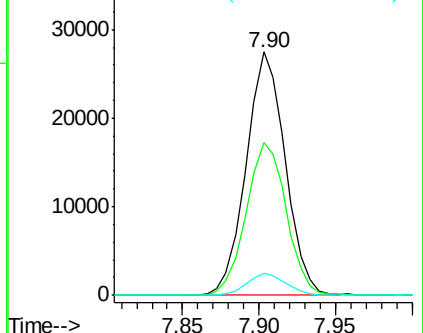
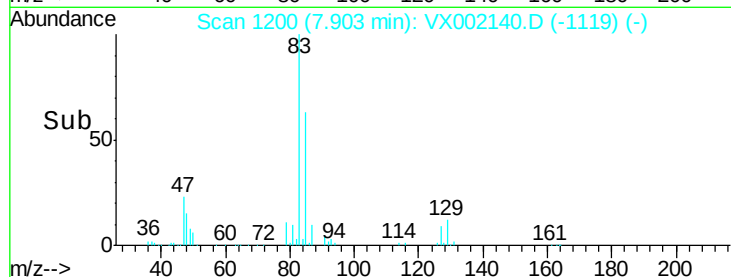
127 9.2 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX002140.D (-1119) (-)

Ion 85.00 (84.70 to 85.70): VX002140.D (-1119) (-)

Ion 127.00 (126.70 to 127.70): VX002140.D (-1119) (-)



#53

Dibromochloromethane

Concen: 1.11 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002140.D

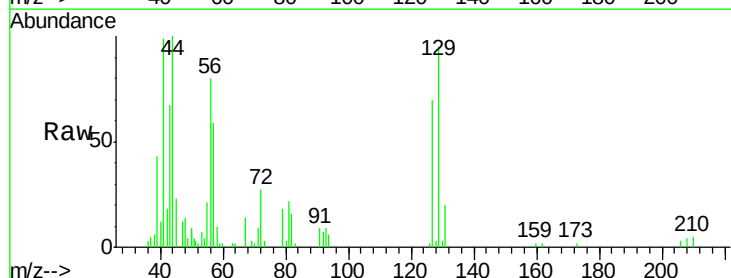
Acq: 30 May 2018 14:49

Tgt Ion: 129 Resp: 4250

Ion Ratio Lower Upper

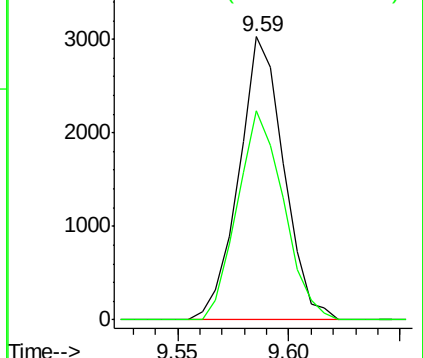
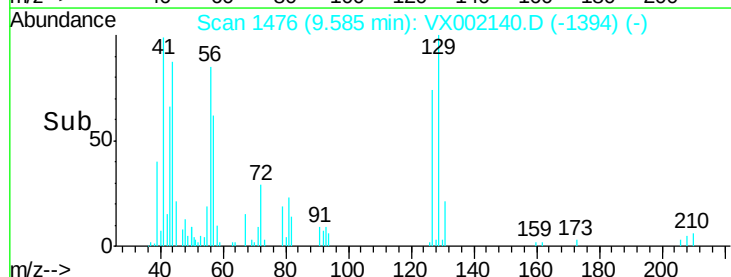
129 100

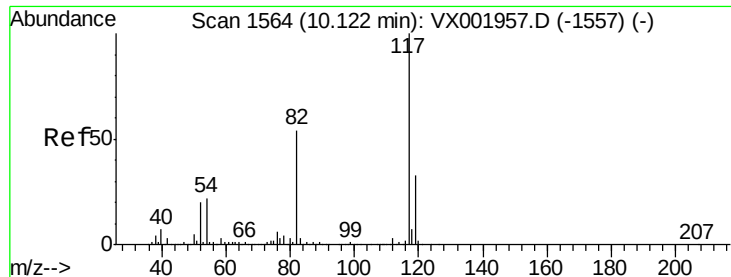
127 75.7 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): VX002140.D (-1394) (-)

Ion 127.00 (126.70 to 127.70): VX002140.D (-1394) (-)

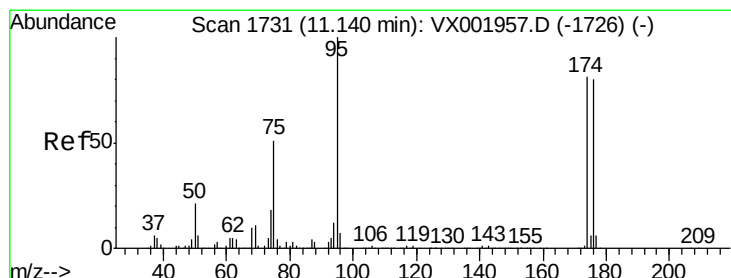
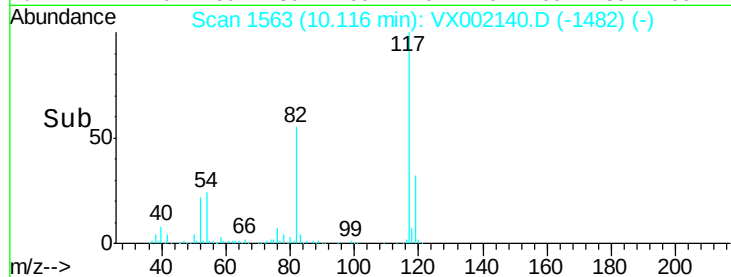
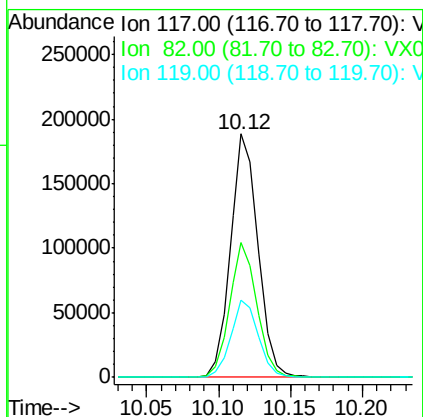
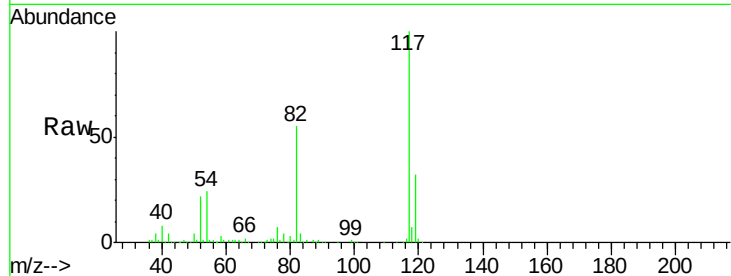




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002140.D
Acq: 30 May 2018 14:49

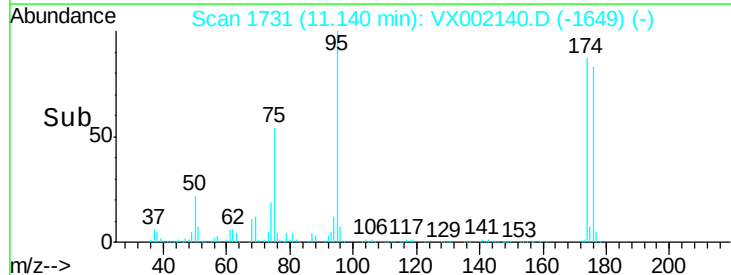
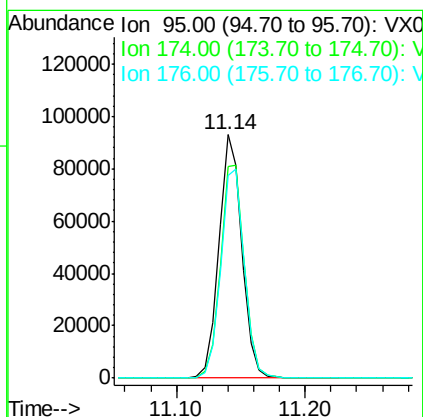
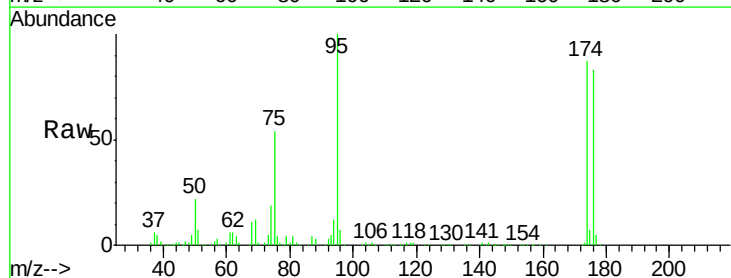
Instrument :
MSVOA_X
ClientSampled :
14B-1

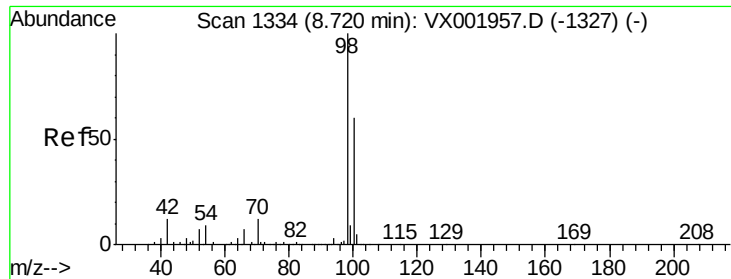
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.3	66.5
119	31.8	25.7	38.5



#60
4-Bromofluorobenzene
Concen: 26.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002140.D
Acq: 30 May 2018 14:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.0	71.8	107.6
176	88.7	70.1	105.1





#63
Toluene-d8
Concen: 30.29 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002140.D
Acq: 30 May 2018 14:49

Instrument :
MSVOA_X
ClientSampleId :
14B-1

Tot Ion: 98 Resp: 341617
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2

