

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002137.D
 Acq On : 30 May 2018 13:29
 Operator : JC/MD
 Sample : J3070-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-2

Quant Time: May 31 05:23:21 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	51306	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	289864	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	253199	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	125657	31.12	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.73%
60) 4-Bromofluorobenzene	11.14	95	117780	27.17	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.57%
63) Toluene-d8	8.72	98	346715	30.72	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.40%

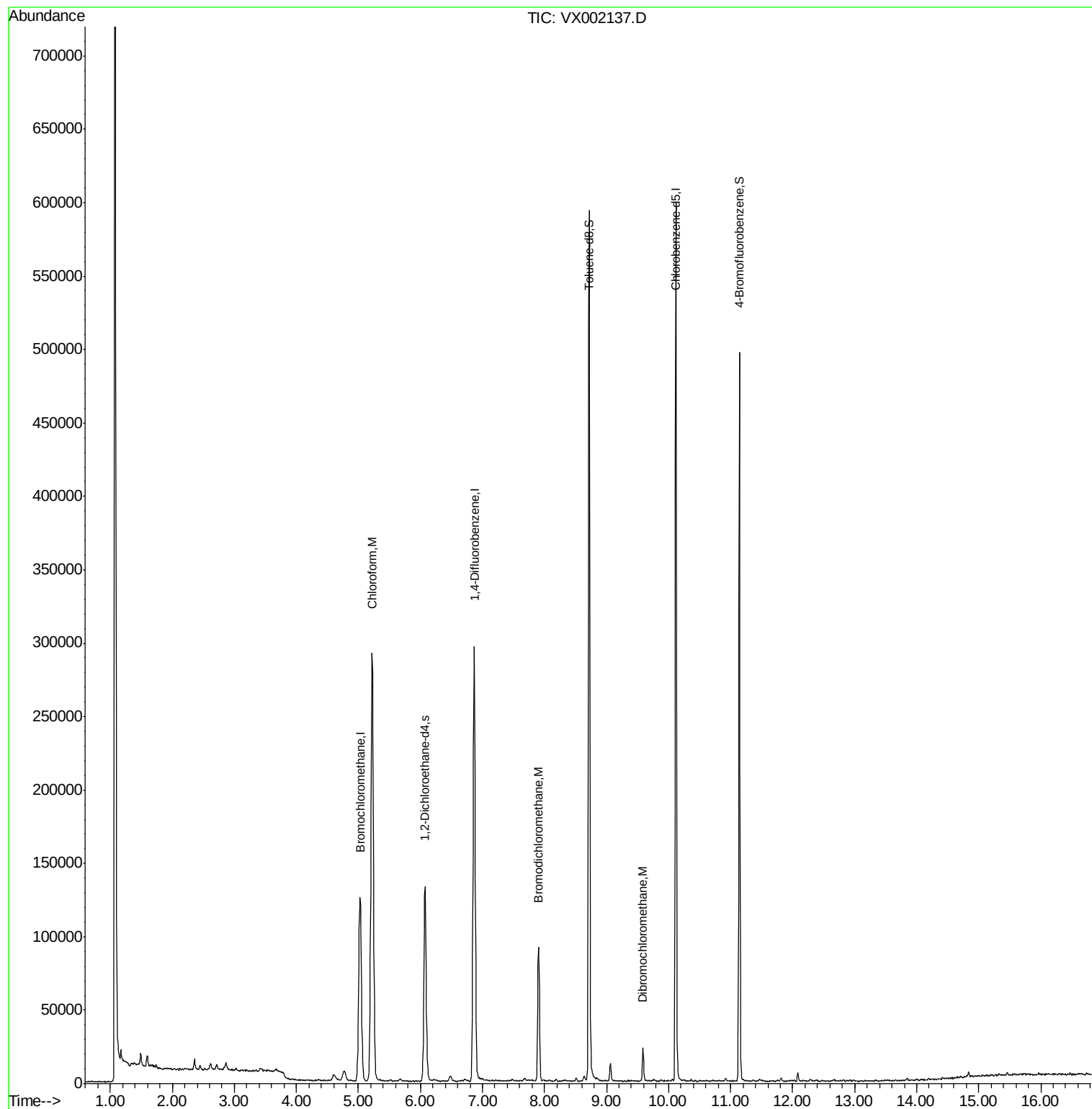
Target Compounds					Ovalue
25) Chloroform	5.22	83	334464	59.41	ug/l 99
41) Bromodichloromethane	7.90	83	55025	11.94	ug/l 95
53) Dibromochloromethane	9.59	129	4665	1.20	ug/l 95

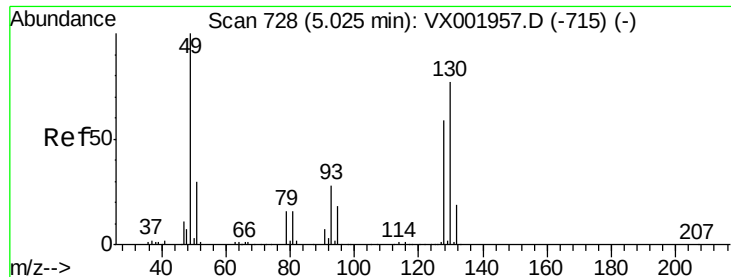
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002137.D

Acq: 30 May 2018 13:29

Instrument :

MSVOA_X

ClientSampled :

14B-2

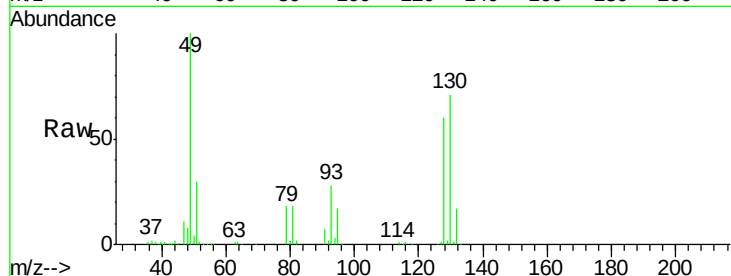
Tot Ion:128 Resp: 51306

Ion Ratio Lower Upper

128 100

49 172.5 0.0 423.0

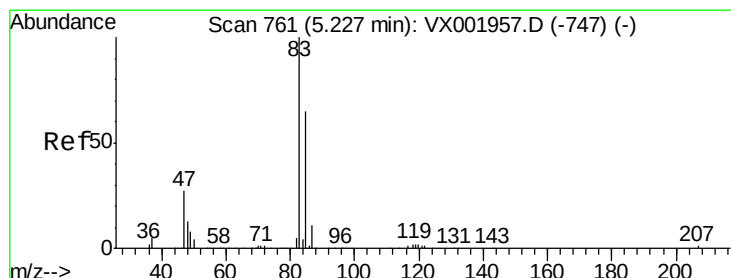
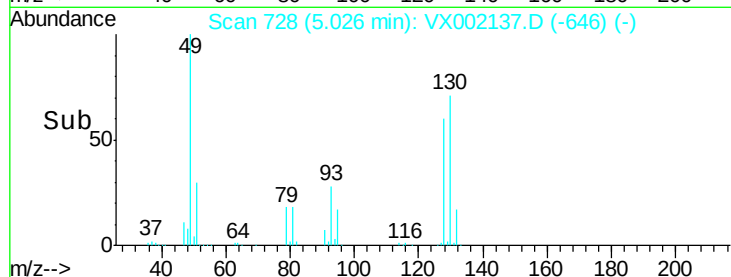
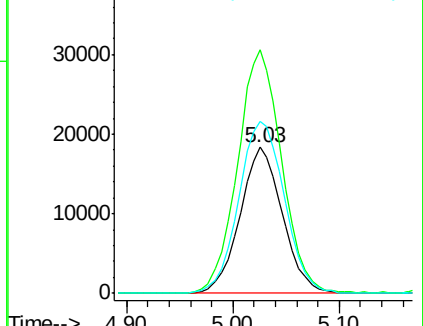
130 127.0 0.0 324.3



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



#25

Chloroform

Concen: 59.41 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX002137.D

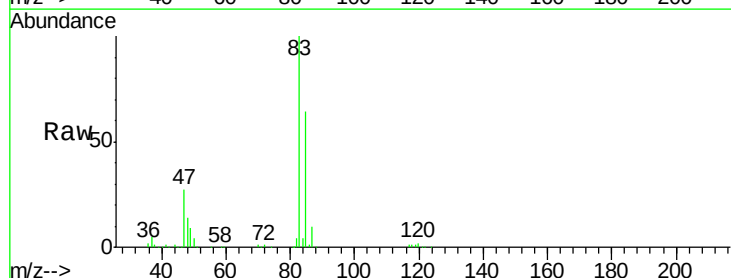
Acq: 30 May 2018 13:29

Tgt Ion: 83 Resp: 334464

Ion Ratio Lower Upper

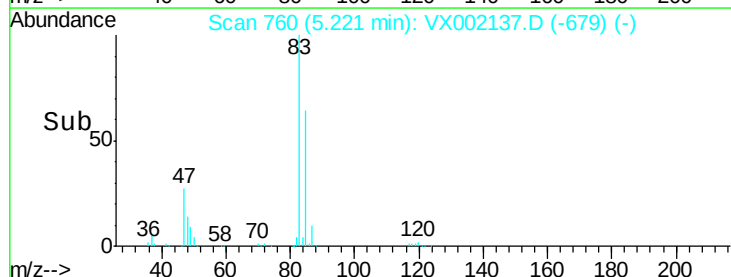
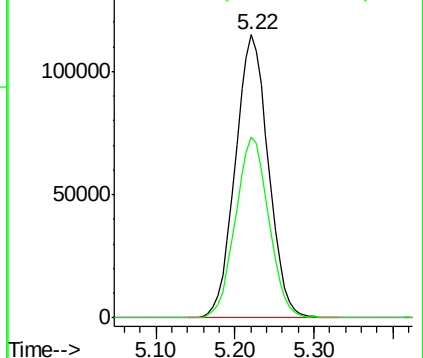
83 100

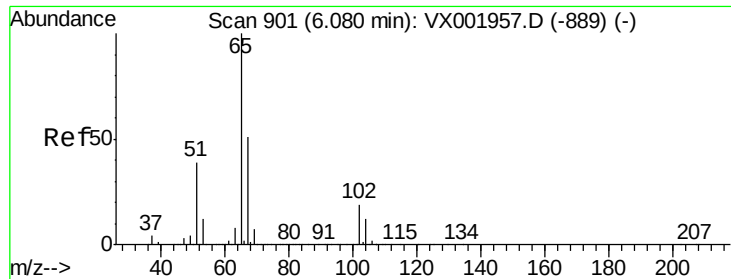
85 63.9 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

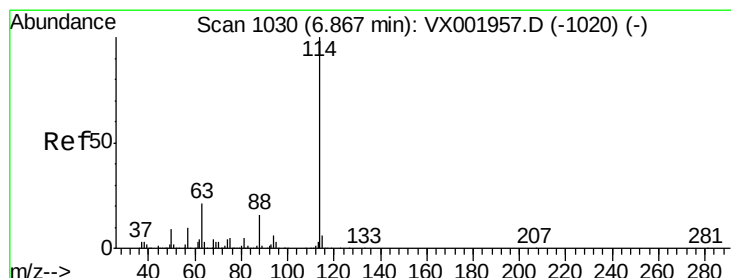
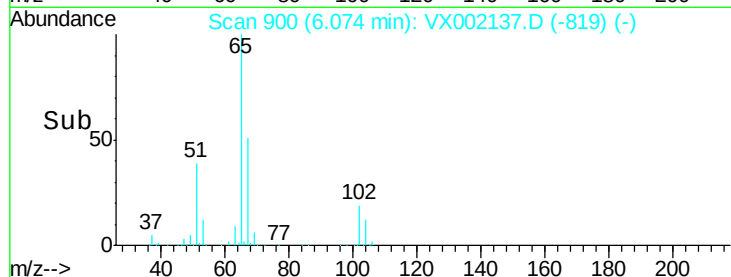
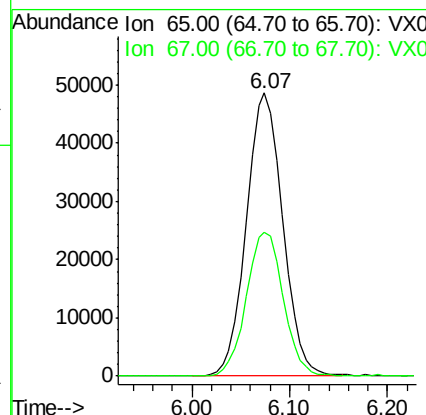
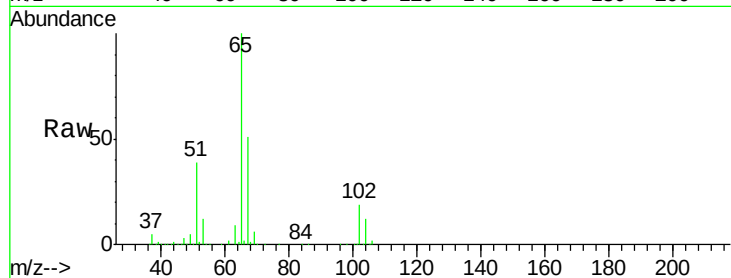




#27
 1,2-Dichloroethane-d4
 Concen: 31.12 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX002137.D
 Acq: 30 May 2018 13:29

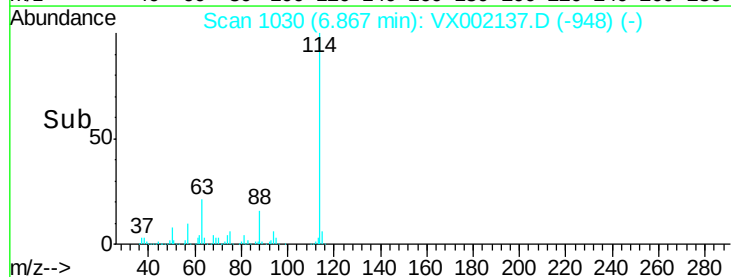
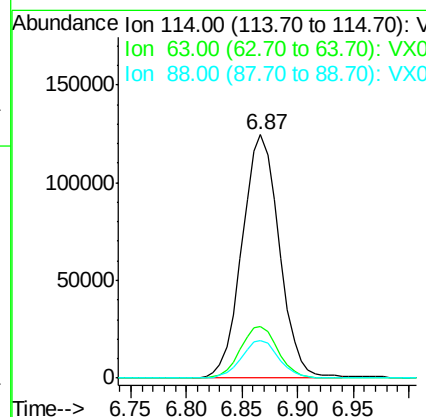
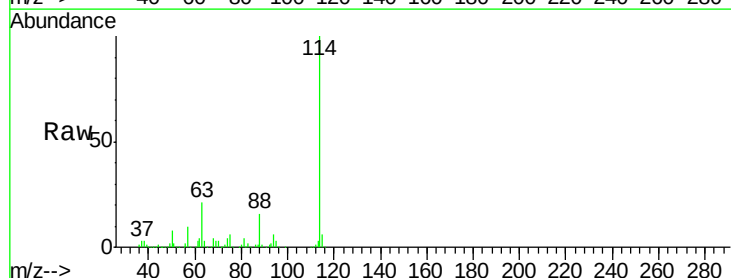
Instrument :
 MSVOA_X
 ClientSampled :
 14B-2

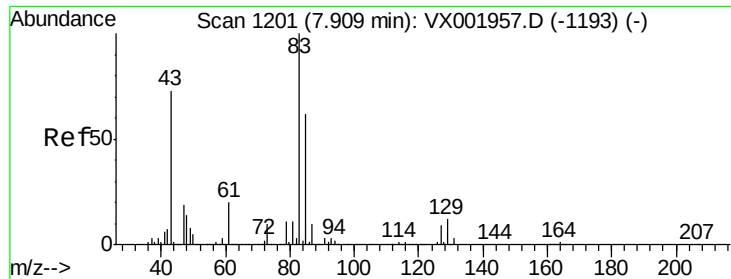
Tot Ion: 65 Resp: 125657
 Ion Ratio Lower Upper
 65 100
 67 51.7 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002137.D
 Acq: 30 May 2018 13:29

Tgt Ion: 114 Resp: 289864
 Ion Ratio Lower Upper
 114 100
 63 21.7 17.1 25.7
 88 15.5 12.6 19.0





#41

Bromodichloromethane

Concen: 11.94 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX002137.D

Acq: 30 May 2018 13:29

Instrument :

MSVOA_X

ClientSampleId :

14B-2

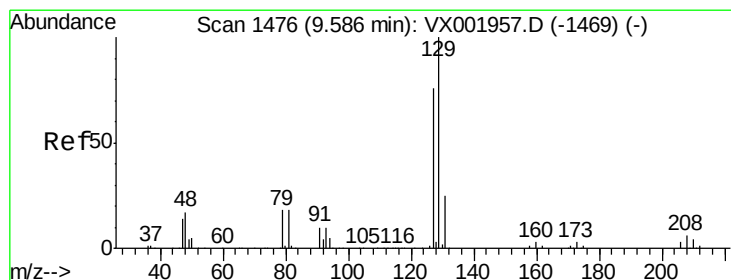
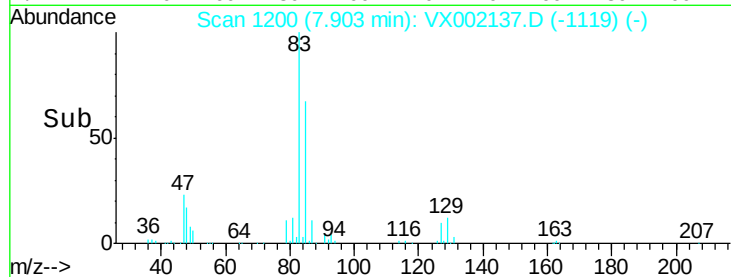
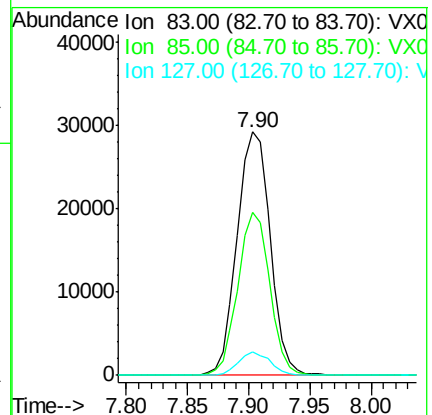
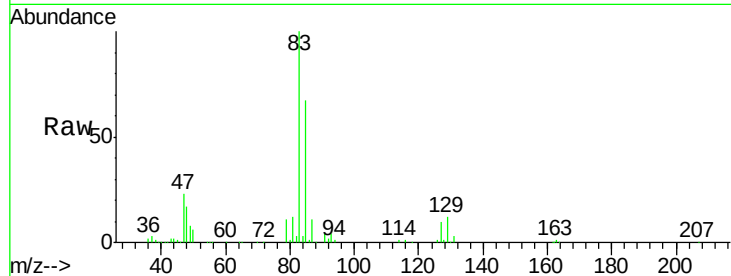
Tot Ion: 83 Resp: 55025

Ion Ratio Lower Upper

83 100

85 66.8 49.8 74.8

127 9.5 7.3 10.9



#53

Dibromochloromethane

Concen: 1.20 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002137.D

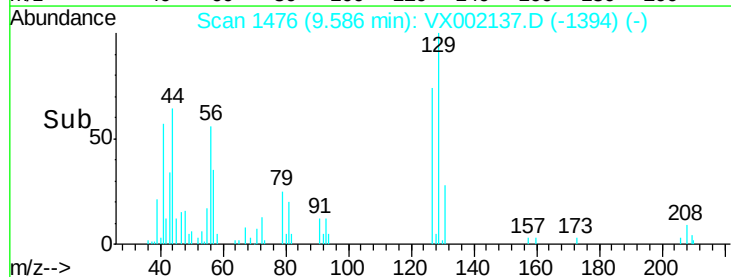
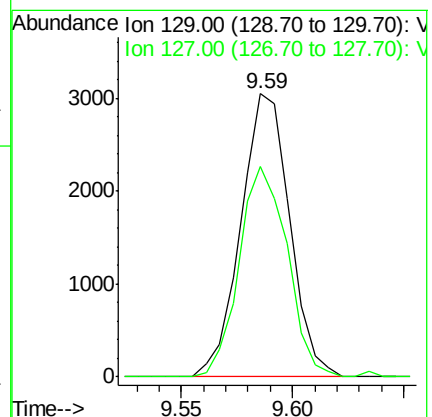
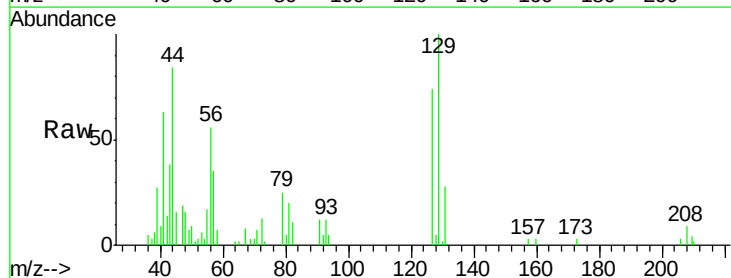
Acq: 30 May 2018 13:29

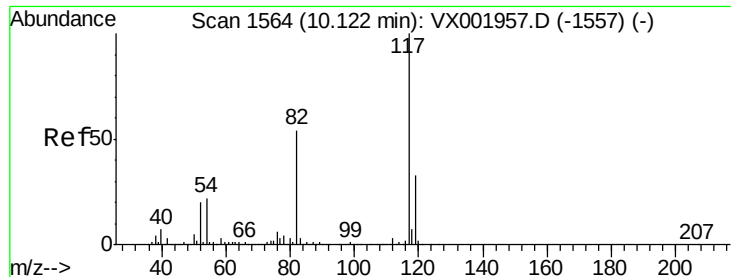
Tgt Ion: 129 Resp: 4665

Ion Ratio Lower Upper

129 100

127 72.9 38.5 115.3

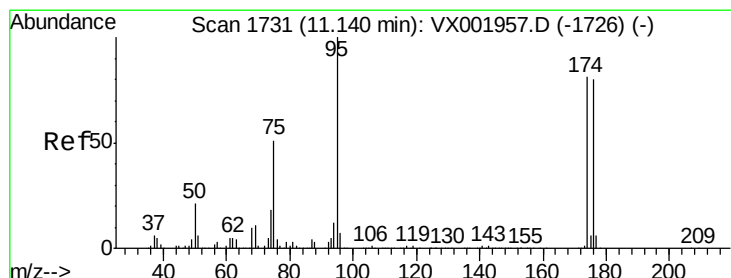
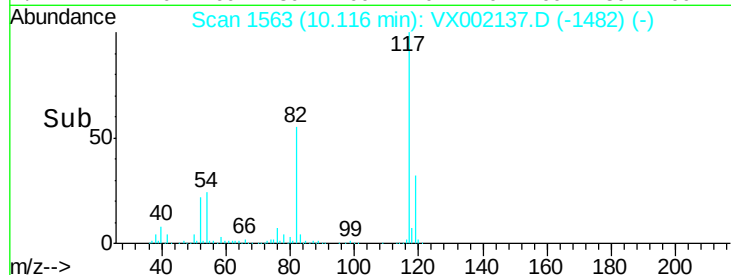
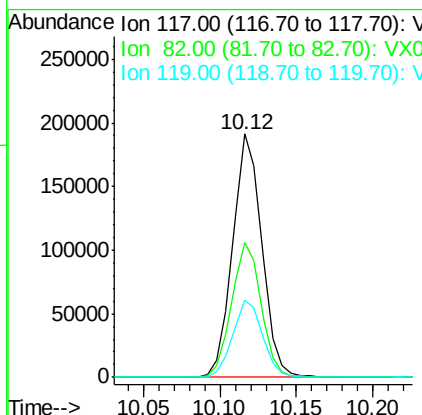
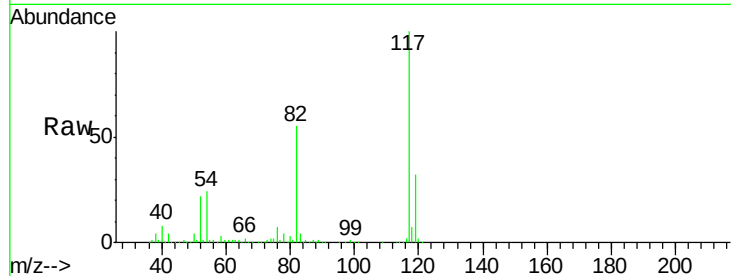




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002137.D
Acq: 30 May 2018 13:29

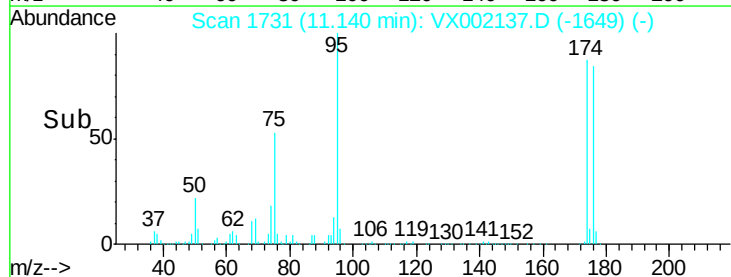
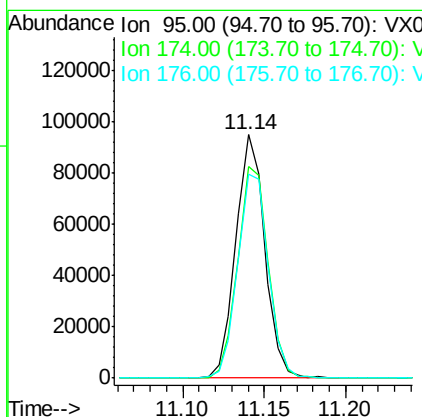
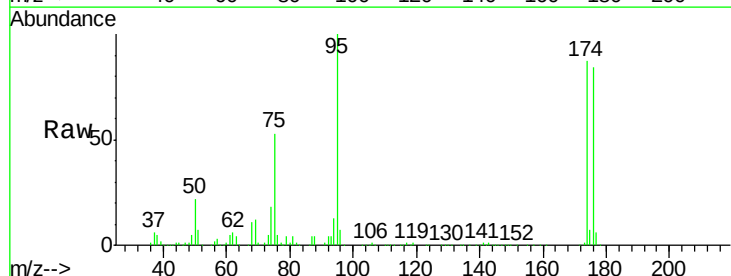
Instrument :
MSVOA_X
ClientSampled :
14B-2

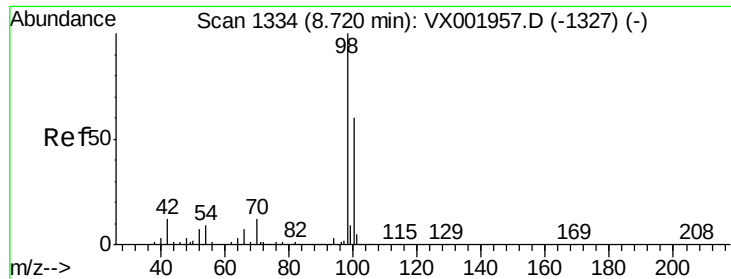
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.3	66.5
119	32.4	25.7	38.5



#60
4-Bromofluorobenzene
Concen: 27.17 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002137.D
Acq: 30 May 2018 13:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.2	71.8	107.6
176	89.2	70.1	105.1





#63
 Toluene-d8
 Concen: 30.72 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002137.D
 Acq: 30 May 2018 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-2

Tot Ion: 98 Resp: 346715
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.8 76.2

