

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002136.D
 Acq On : 30 May 2018 13:03
 Operator : JC/MD
 Sample : J3070-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-1

Quant Time: May 31 05:20:37 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	53143	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	314905	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	276184	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	133440	31.91	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.37%
60) 4-Bromofluorobenzene	11.14	95	130741	27.65	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.17%
63) Toluene-d8	8.72	98	378878	30.78	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.60%

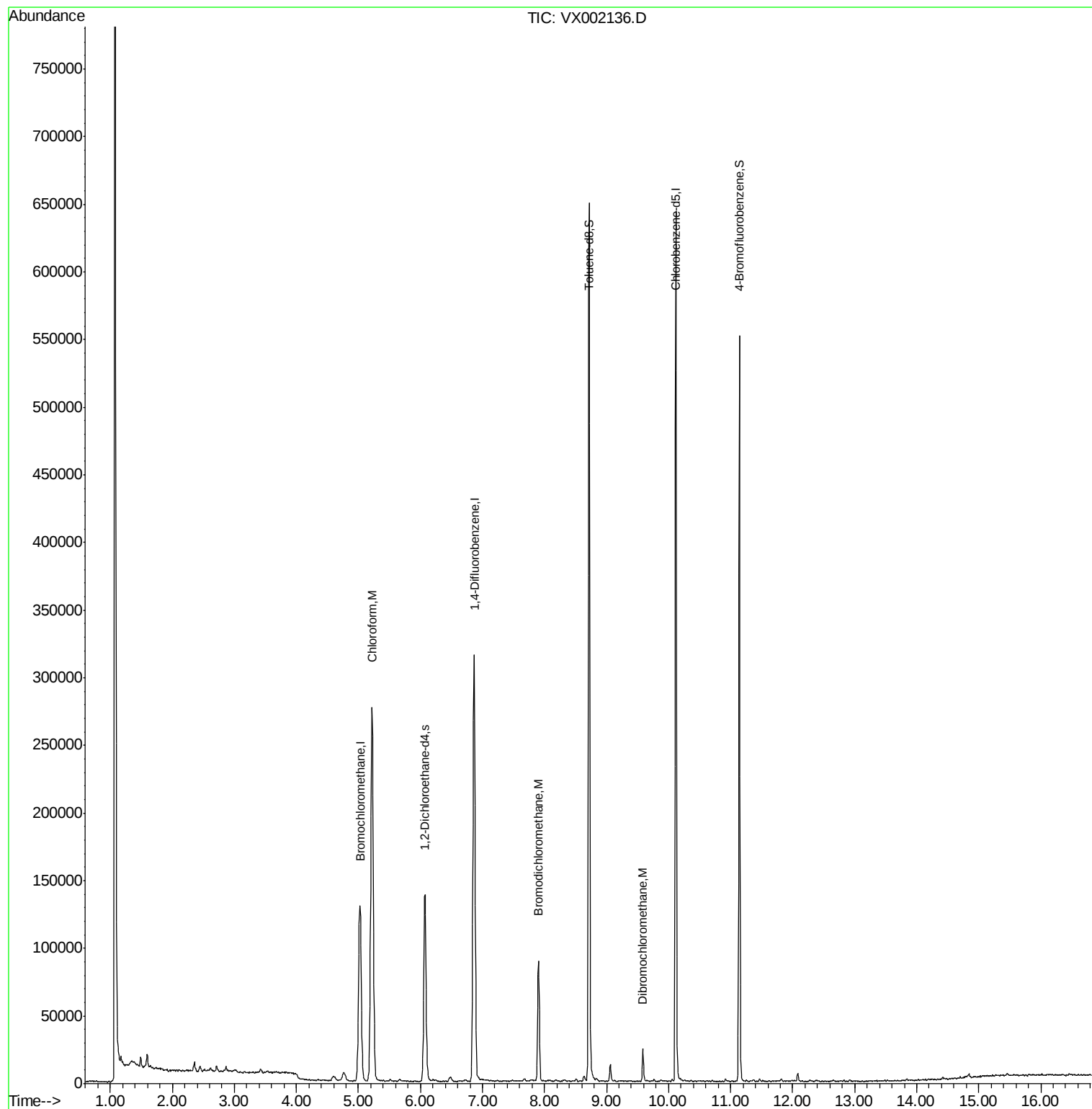
Target Compounds					Ovalue
25) Chloroform	5.22	83	317768	54.49	ug/l 98
41) Bromodichloromethane	7.90	83	52611	10.51	ug/l 97
53) Dibromochloromethane	9.59	129	4445	1.05	ug/l 97

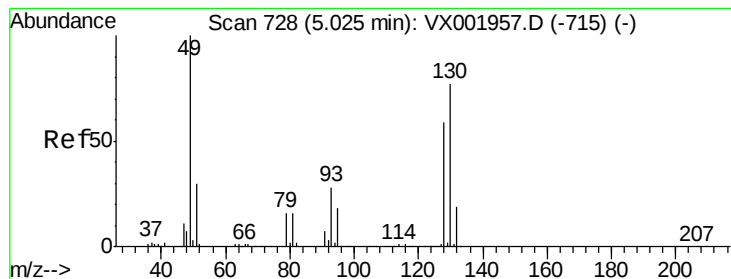
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
Data File : VX002136.D
Acq On : 30 May 2018 13:03
Operator : JC/MD
Sample : J3070-01 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
14B-1

Quant Time: May 31 05:20:37 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





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002136.D

Acq: 30 May 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

14B-1

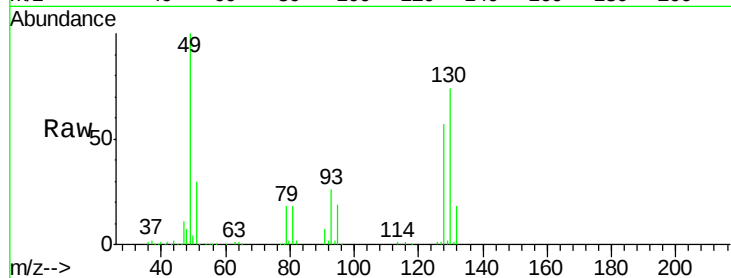
Tot Ion:128 Resp: 53143

Ion Ratio Lower Upper

128 100

49 175.0 0.0 423.0

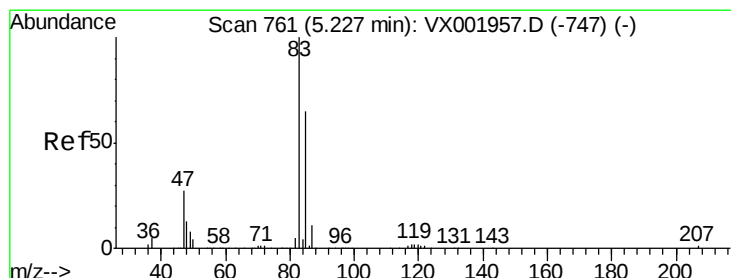
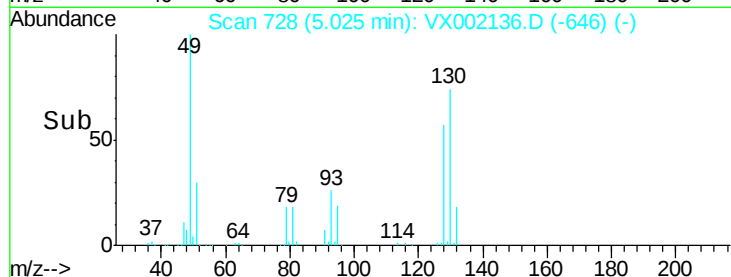
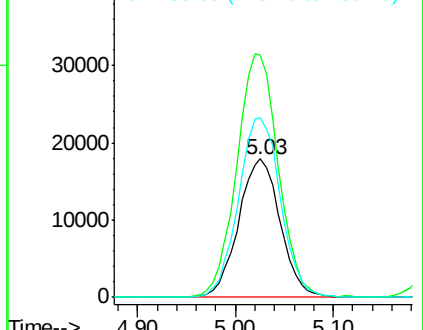
130 131.5 0.0 324.3



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: 54.49 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX002136.D

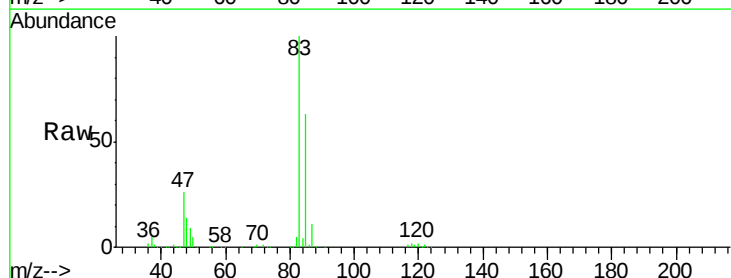
Acq: 30 May 2018 13:03

Tgt Ion: 83 Resp: 317768

Ion Ratio Lower Upper

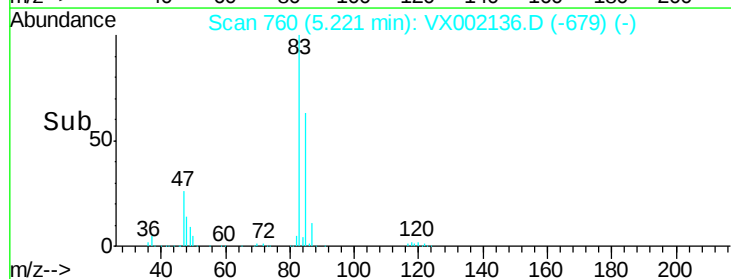
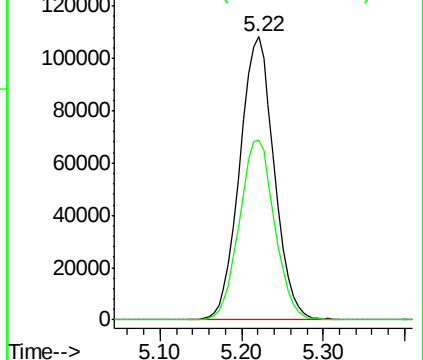
83 100

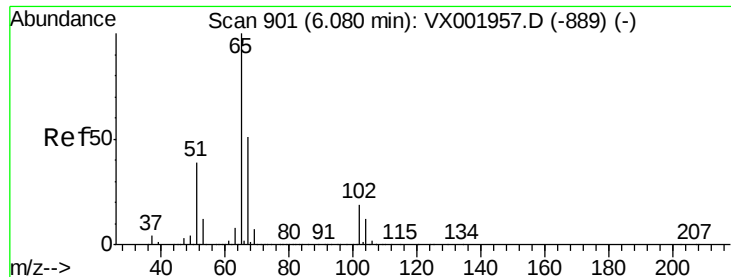
85 63.5 51.9 77.9



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: 31.91 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX002136.D

Acq: 30 May 2018 13:03

Instrument :

MSVOA_X

ClientSampled :

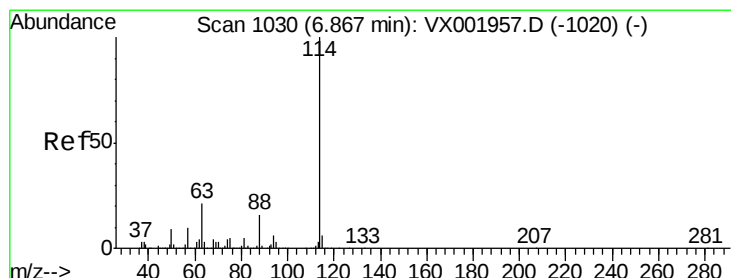
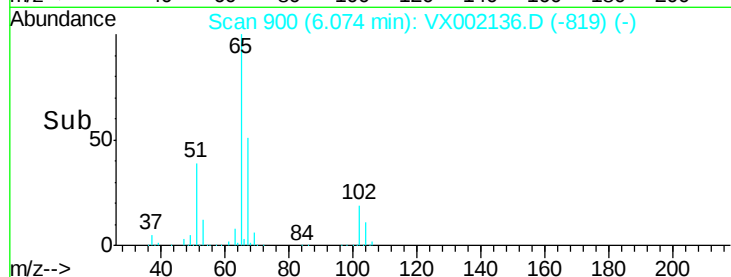
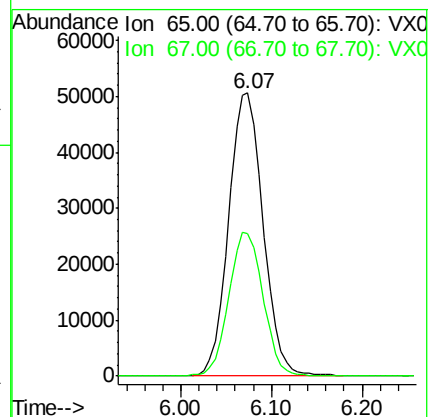
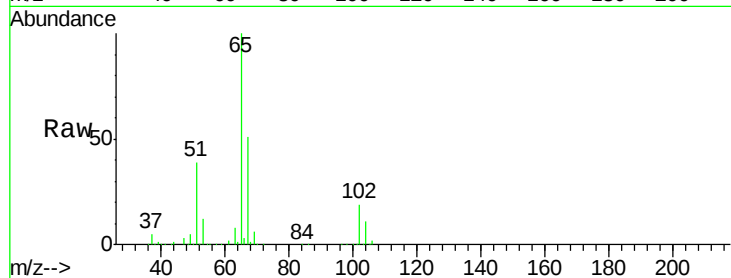
14B-1

Tot Ion: 65 Resp: 133440

Ion Ratio Lower Upper

65 100

67 50.4 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: VX002136.D

Acq: 30 May 2018 13:03

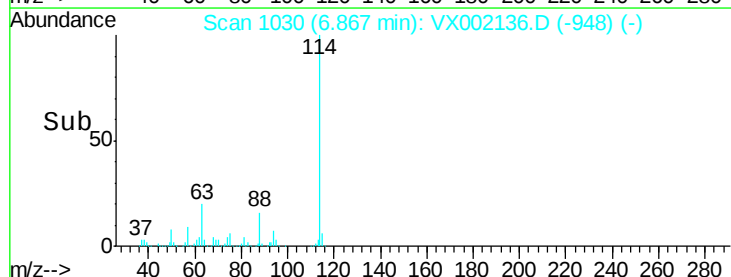
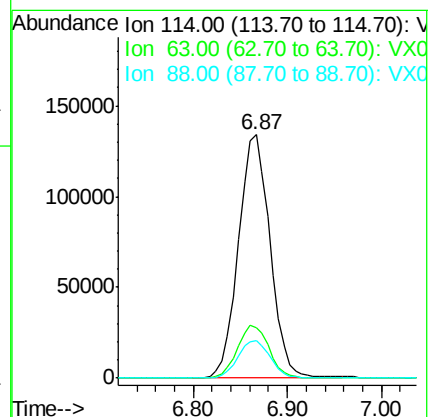
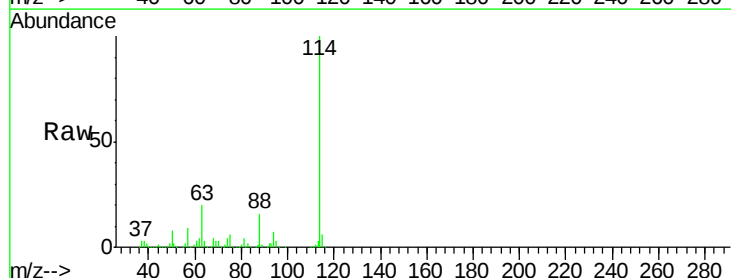
Tgt Ion: 114 Resp: 314905

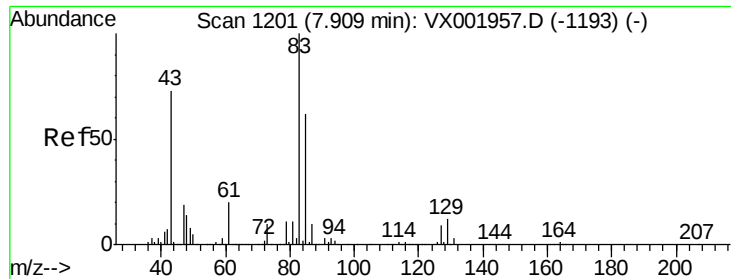
Ion Ratio Lower Upper

114 100

63 21.8 17.1 25.7

88 15.6 12.6 19.0





#41

Bromodichloromethane

Concen: 10.51 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX002136.D

Acq: 30 May 2018 13:03

Instrument :

MSVOA_X

ClientSampled :

14B-1

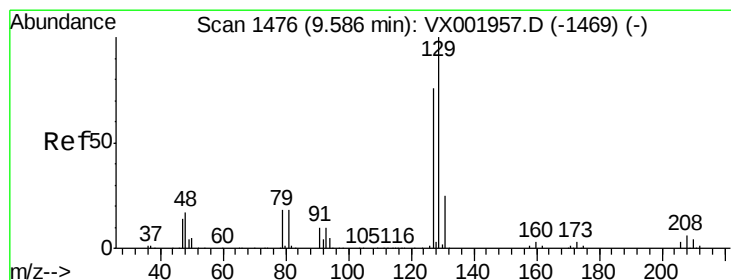
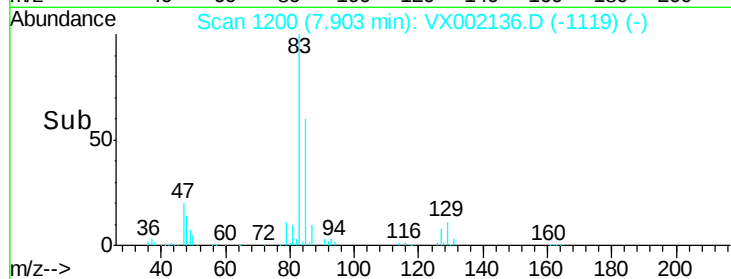
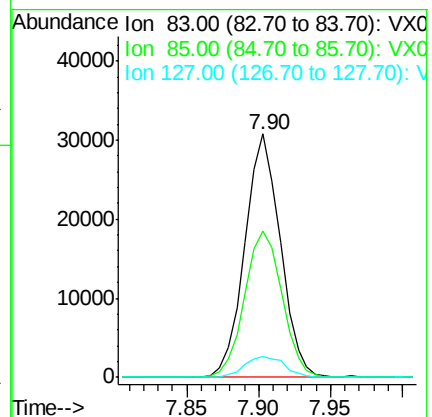
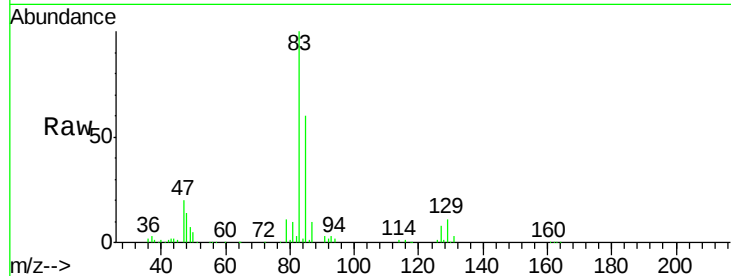
Tot Ion: 83 Resp: 52611

Ion Ratio Lower Upper

83 100

85 60.1 49.8 74.8

127 8.4 7.3 10.9



#53

Dibromochloromethane

Concen: 1.05 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002136.D

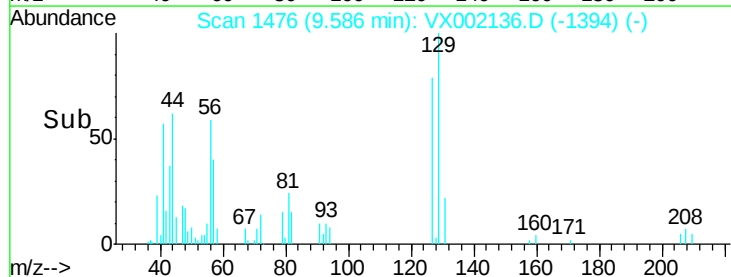
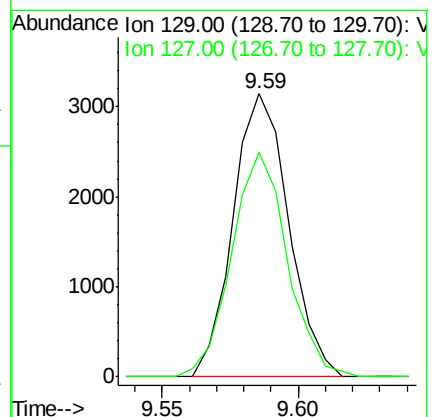
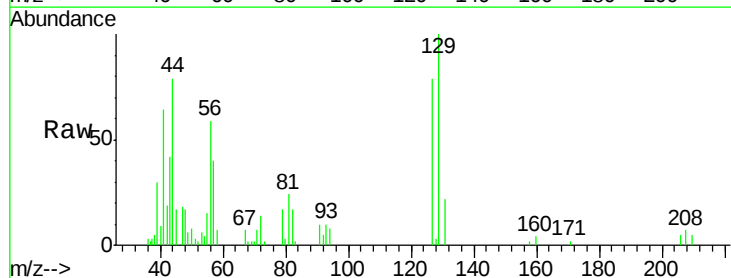
Acq: 30 May 2018 13:03

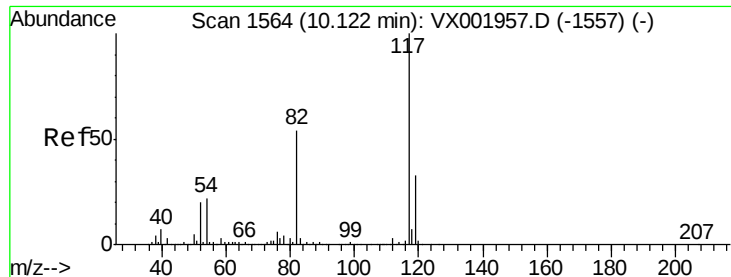
Tgt Ion: 129 Resp: 4445

Ion Ratio Lower Upper

129 100

127 79.5 38.5 115.3

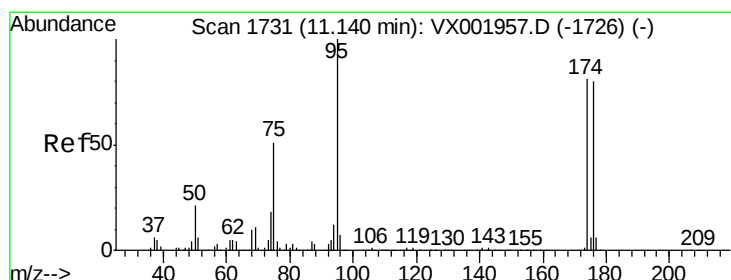
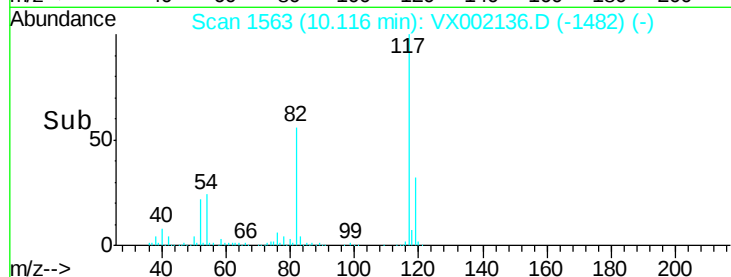
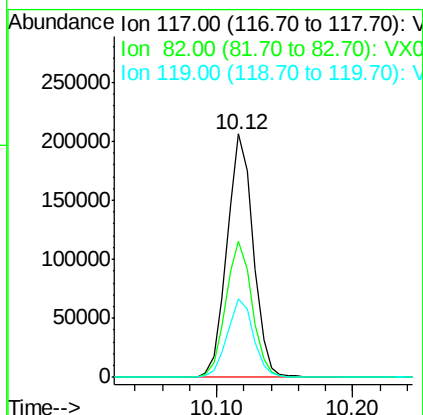
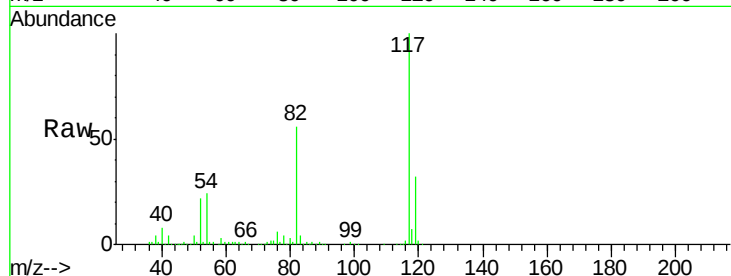




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002136.D
Acq: 30 May 2018 13:03

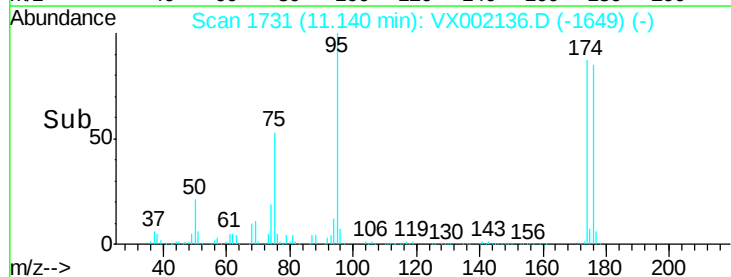
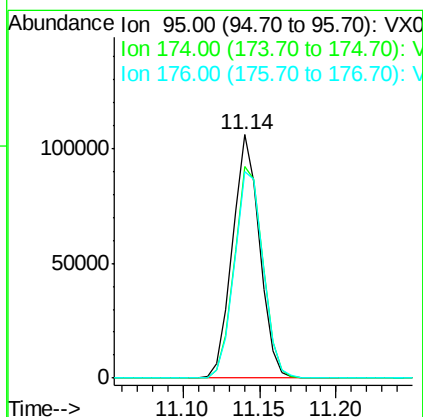
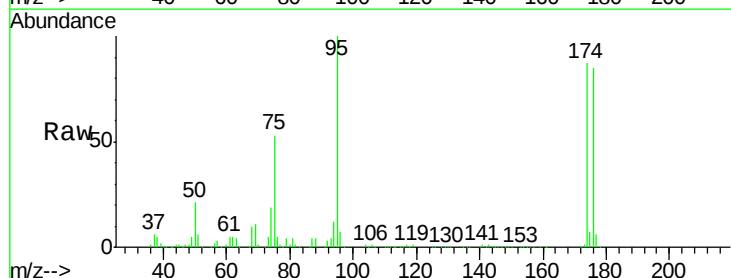
Instrument :
MSVOA_X
ClientSampled :
14B-1

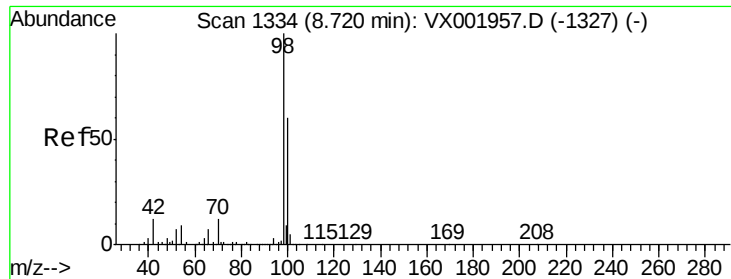
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.3	66.5
119	32.2	25.7	38.5



#60
4-Bromofluorobenzene
Concen: 27.65 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002136.D
Acq: 30 May 2018 13:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.3	71.8	107.6
176	89.6	70.1	105.1





#63

Toluene-d8

Concen: 30.78 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002136.D

Acq: 30 May 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

14B-1

Tot Ion: 98 Resp: 378878

Ion Ratio Lower Upper

98 100

100 63.4 50.8 76.2

