

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002153.D
 Acq On : 30 May 2018 22:38
 Operator : JC/MD
 Sample : J3192-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-2

Quant Time: May 31 05:55:05 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	45196	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	242694	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	212213	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	112218	31.55	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.17%
60) 4-Bromofluorobenzene	11.14	95	96689	26.62	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.73%
63) Toluene-d8	8.72	98	289888	30.65	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.17%

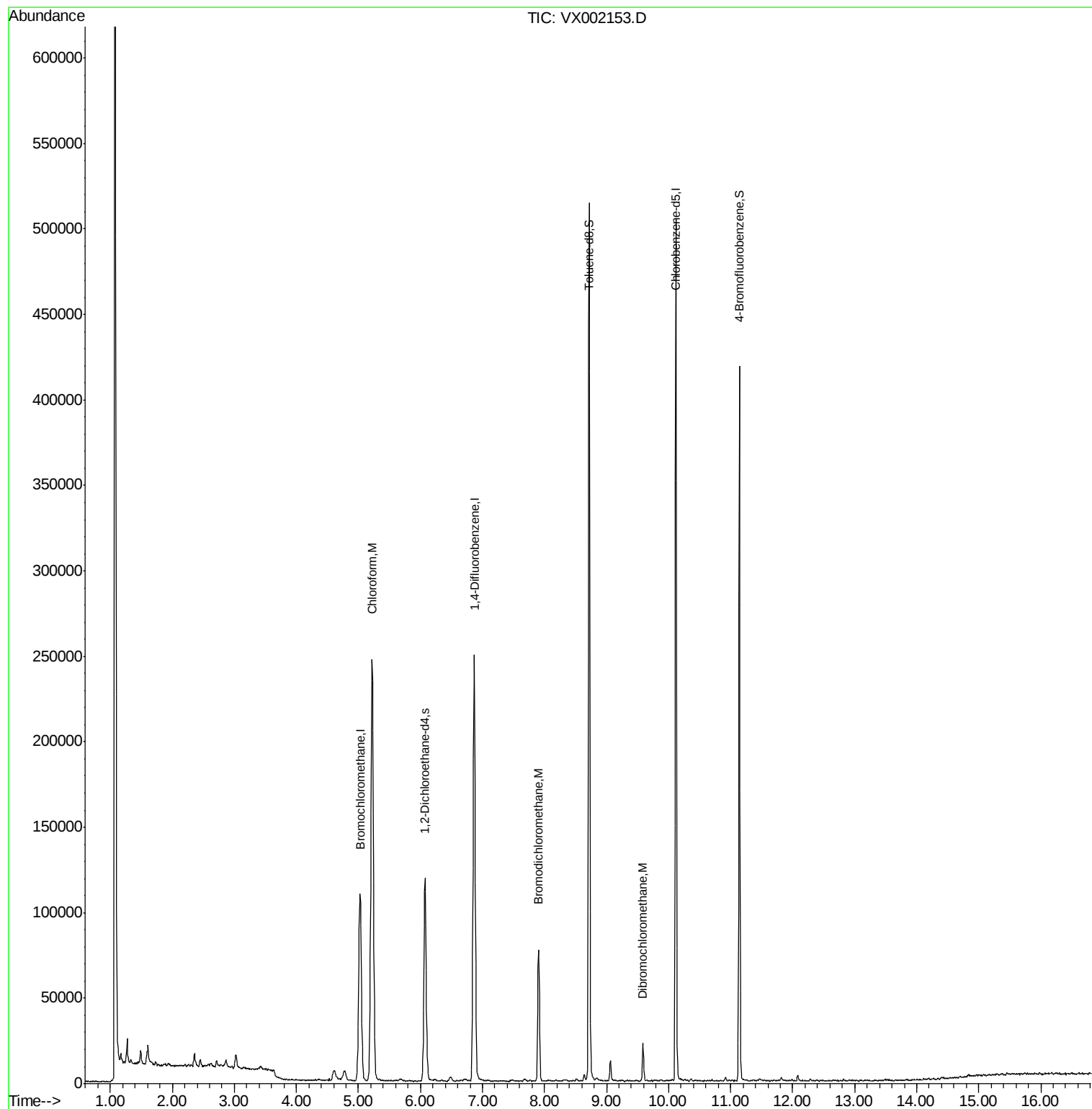
Target Compounds					Ovalue
25) Chloroform	5.22	83	282358	56.93	ug/l 100
41) Bromodichloromethane	7.90	83	46536	12.06	ug/l 99
53) Dibromochloromethane	9.59	129	3995	1.22	ug/l 98

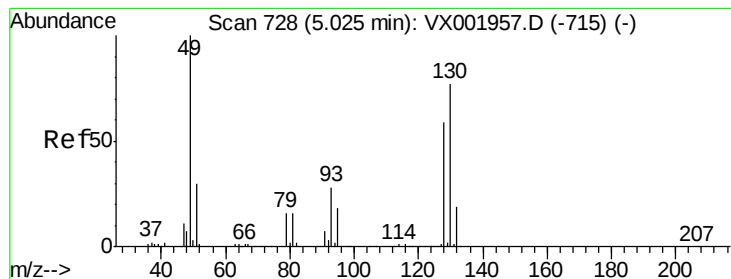
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 25 02:17:15 2018
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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: VX002153.D

Acq: 30 May 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

14B-2

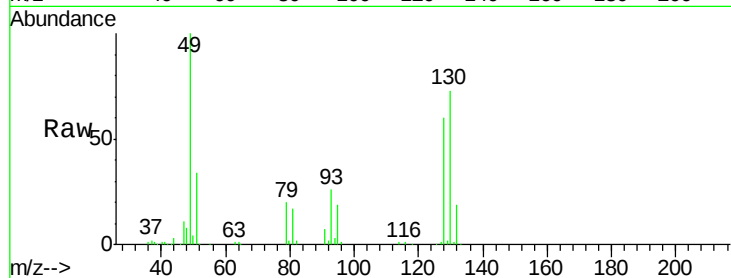
Tot Ion:128 Resp: 45196

Ion Ratio Lower Upper

128 100

49 169.8 0.0 423.0

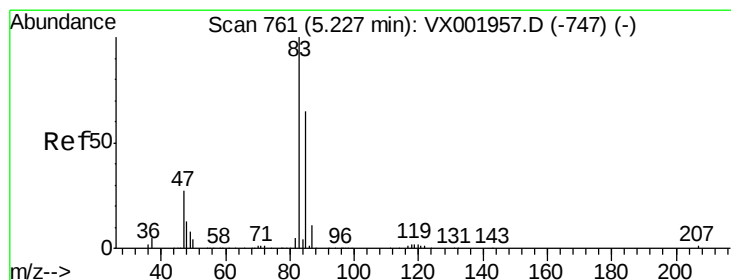
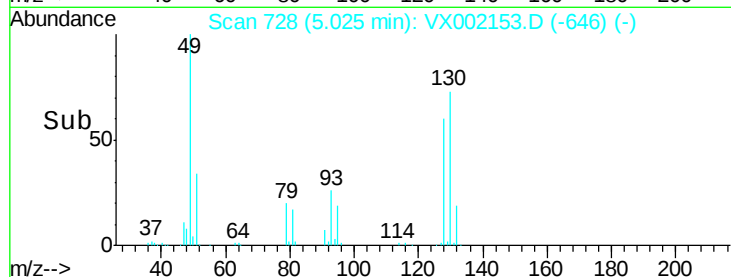
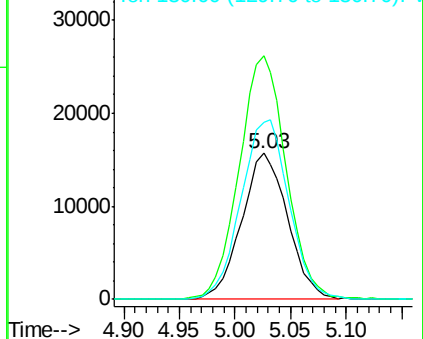
130 128.2 0.0 324.3



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: 56.93 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX002153.D

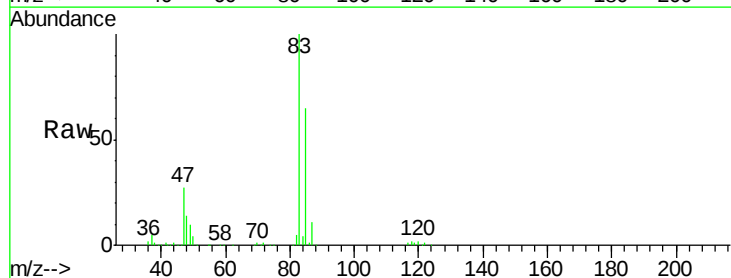
Acq: 30 May 2018 22:38

Tgt Ion: 83 Resp: 282358

Ion Ratio Lower Upper

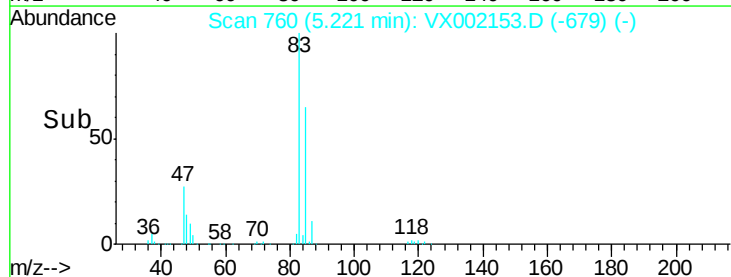
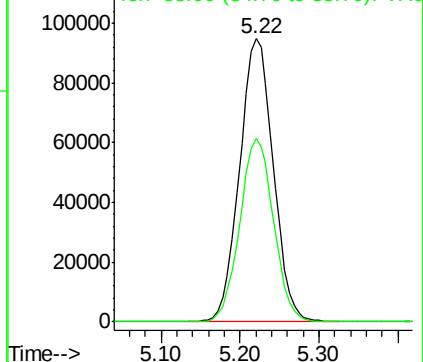
83 100

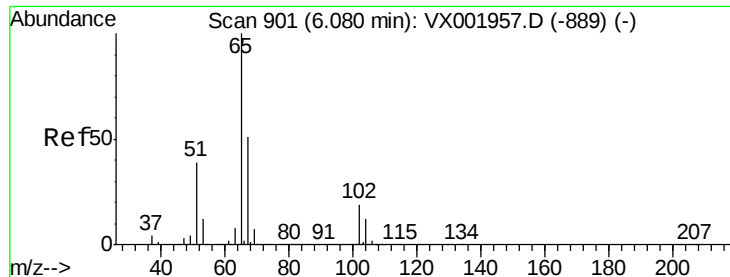
85 65.0 51.9 77.9



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: 31.55 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX002153.D

Acq: 30 May 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

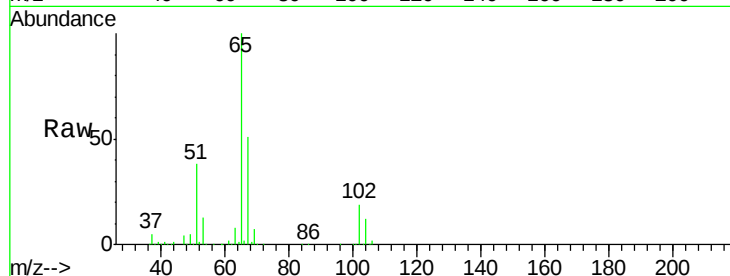
14B-2

Tot Ion: 65 Resp: 112218

Ion Ratio Lower Upper

65 100

67 51.0 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.07

40000

30000

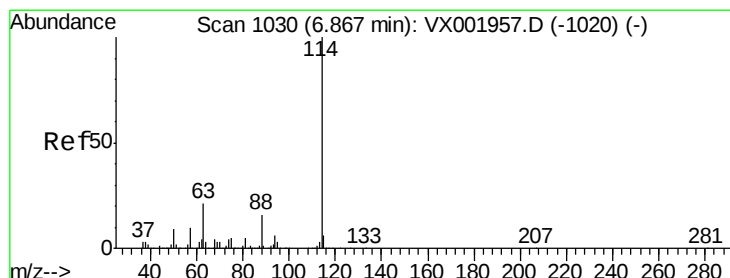
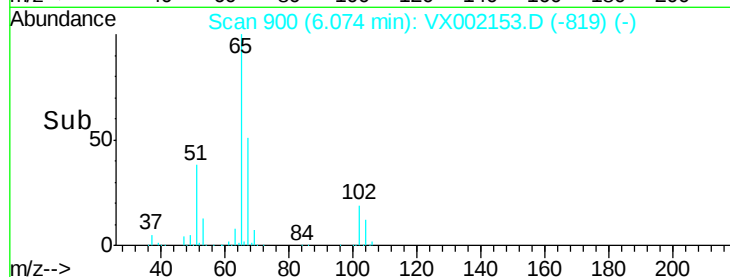
20000

10000

0

6.00 6.10 6.20

Time-->



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002153.D

Acq: 30 May 2018 22:38

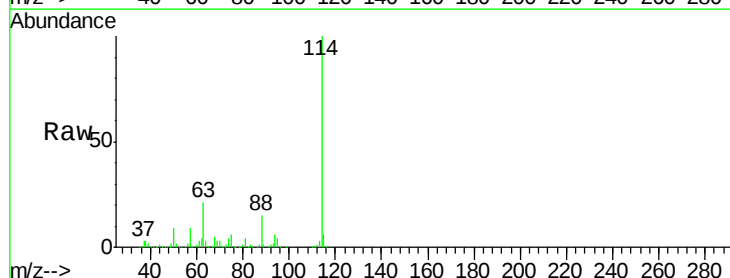
Tgt Ion: 114 Resp: 242694

Ion Ratio Lower Upper

114 100

63 21.5 17.1 25.7

88 15.7 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

6.87

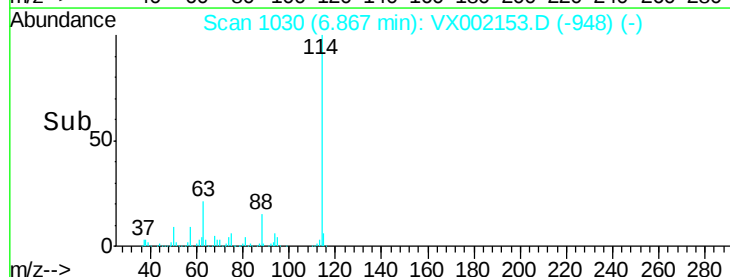
100000

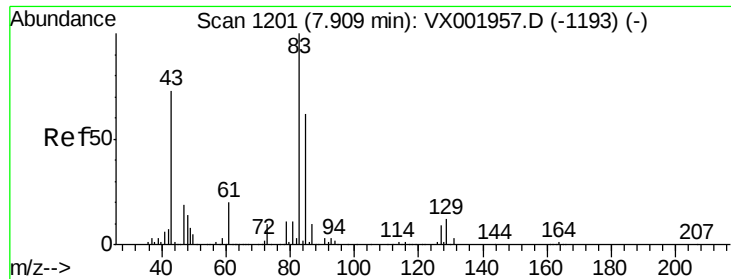
50000

0

6.80 6.90 7.00

Time-->





#41

Bromodichloromethane

Concen: 12.06 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX002153.D

Acq: 30 May 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

14B-2

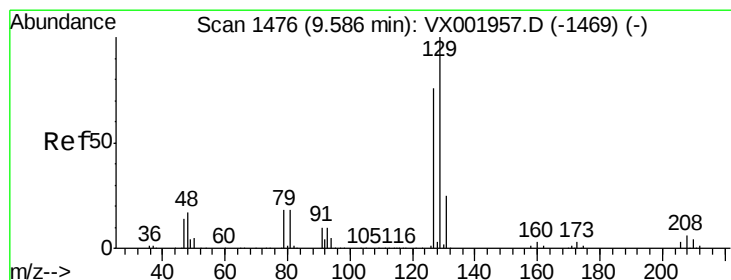
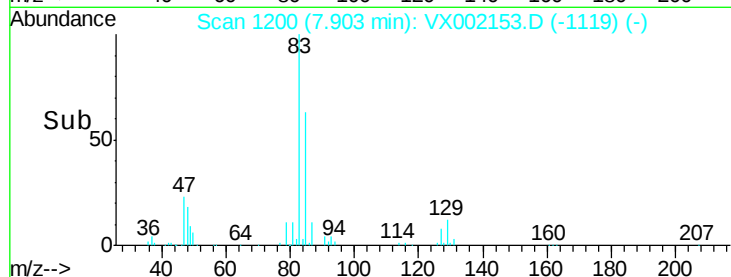
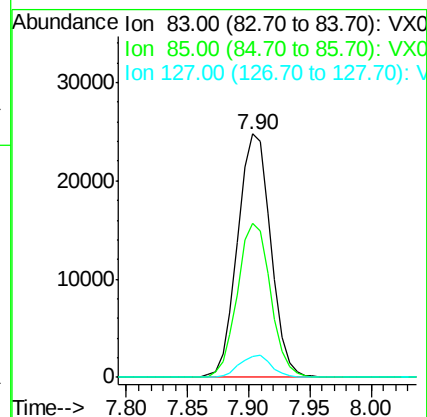
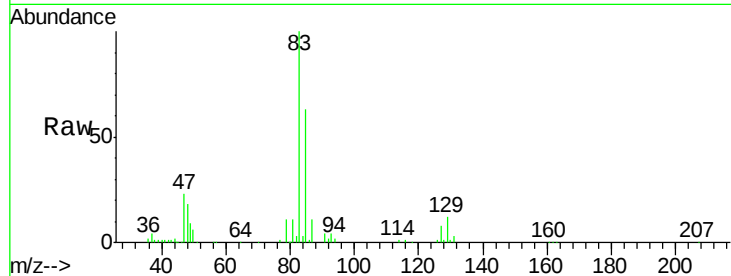
Tot Ion: 83 Resp: 46536

Ion Ratio Lower Upper

83 100

85 63.1 49.8 74.8

127 8.4 7.3 10.9



#53

Dibromochloromethane

Concen: 1.22 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002153.D

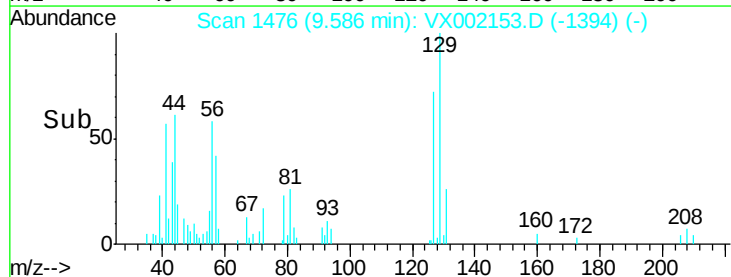
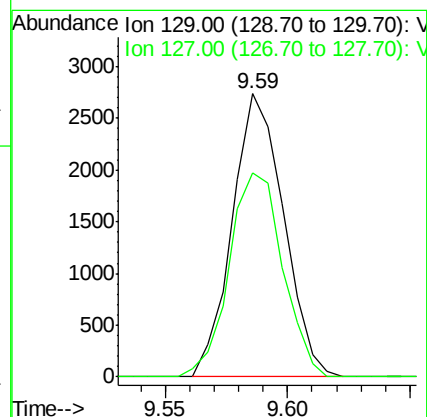
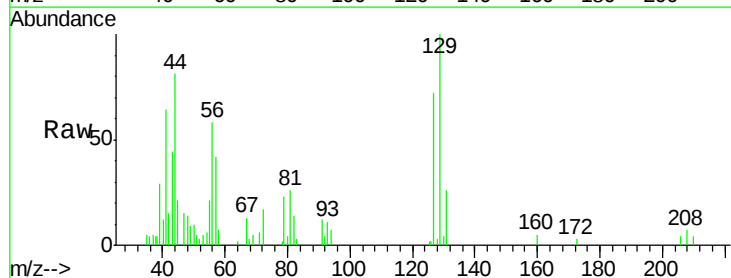
Acq: 30 May 2018 22:38

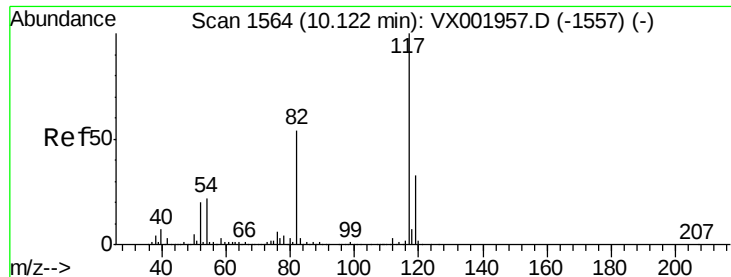
Tgt Ion: 129 Resp: 3995

Ion Ratio Lower Upper

129 100

127 74.8 38.5 115.3

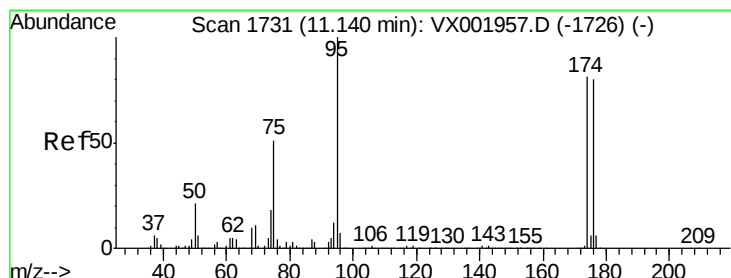
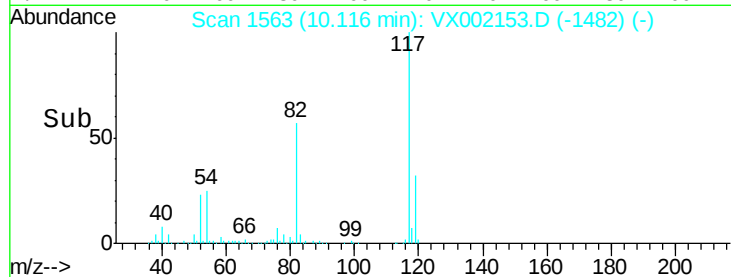
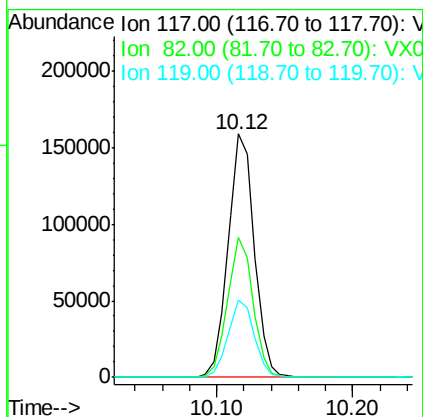
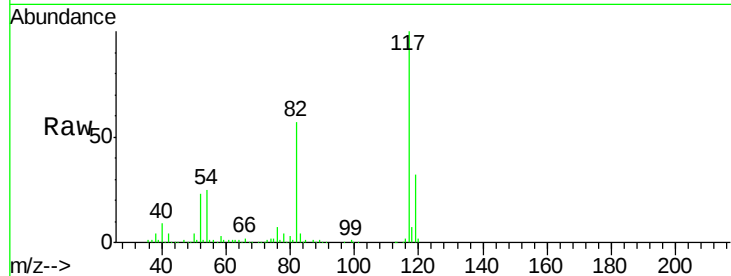




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002153.D
Acq: 30 May 2018 22:38

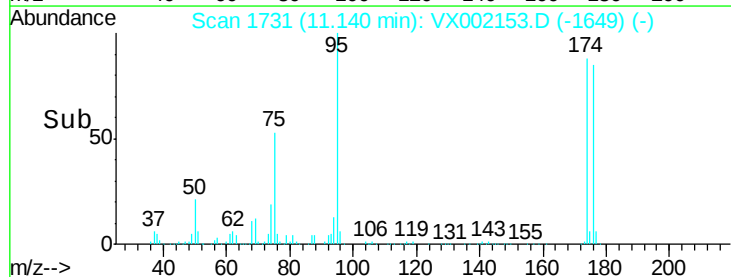
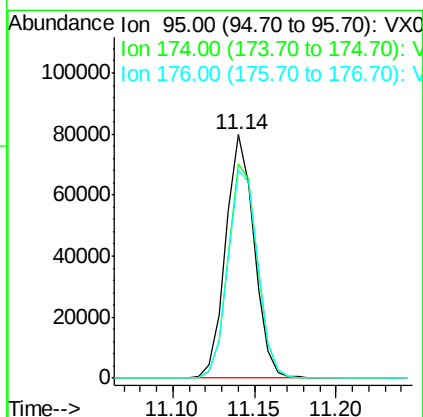
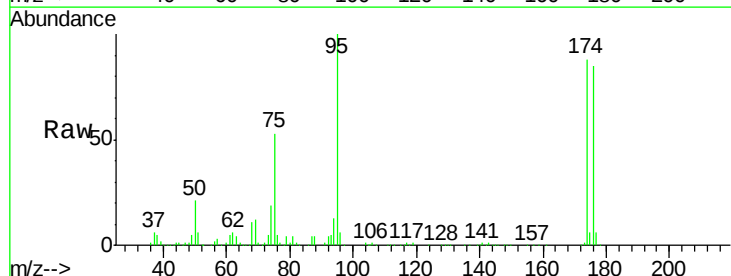
Instrument :
MSVOA_X
ClientSampleId :
14B-2

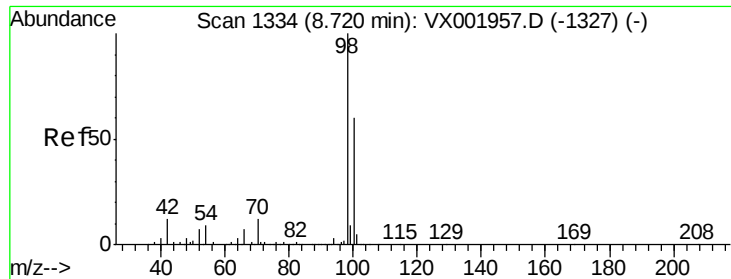
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.3	66.5
119	31.9	25.7	38.5



#60
4-Bromofluorobenzene
Concen: 26.62 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002153.D
Acq: 30 May 2018 22:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.3	71.8	107.6
176	89.2	70.1	105.1





#63

Toluene-d8

Concen: 30.65 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002153.D

Acq: 30 May 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

14B-2

Tot Ion: 98 Resp: 289888

Ion Ratio Lower Upper

98 100

100 62.9 50.8 76.2

