

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002154.D
 Acq On : 30 May 2018 23:04
 Operator : JC/MD
 Sample : J3192-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-3

Quant Time: May 31 05:56:21 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	33640	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	186065	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	157106	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	85874	32.44	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	108.13%
60) 4-Bromofluorobenzene	11.14	95	70172	26.09	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.97%
63) Toluene-d8	8.72	98	221738	31.67	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.57%

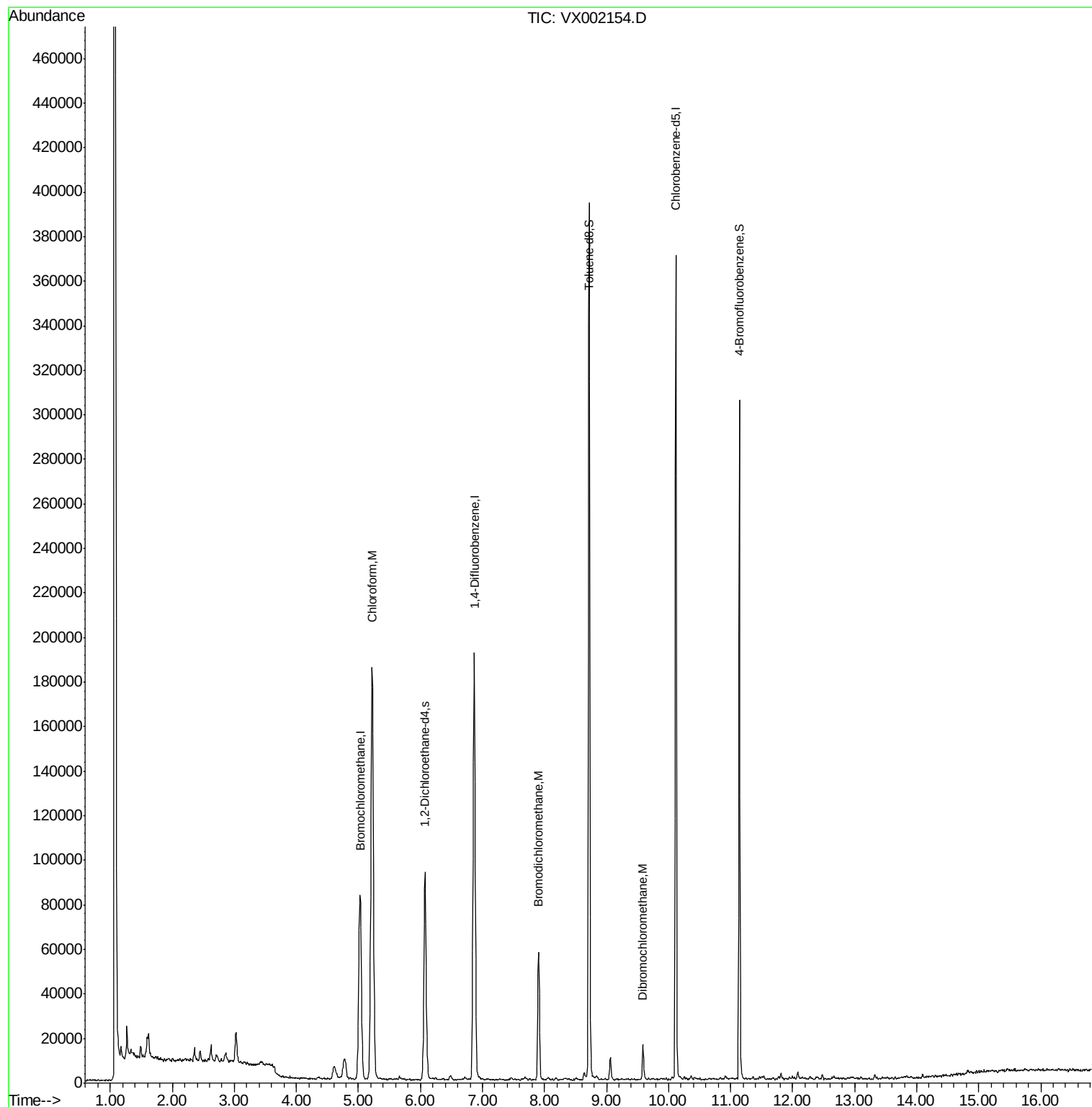
Target Compounds					Ovalue
25) Chloroform	5.22	83	214208	58.03 ug/l	99
41) Bromodichloromethane	7.90	83	34258	11.58 ug/l	99
53) Dibromochloromethane	9.59	129	2781	1.11 ug/l	99

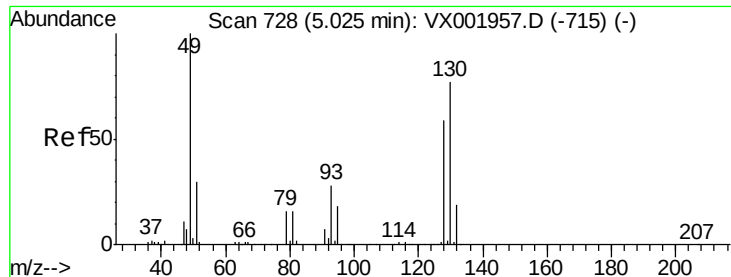
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX002154.D

Acq: 30 May 2018 23:04

Instrument :

MSVOA_X

ClientSampled :

14B-3

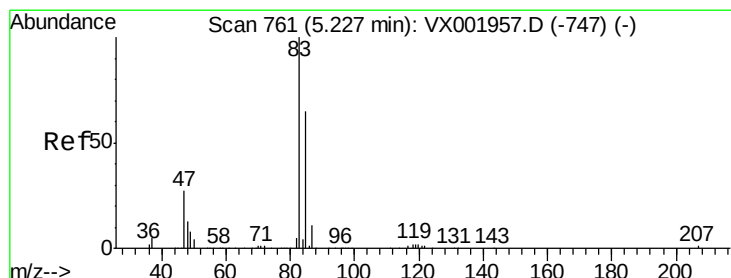
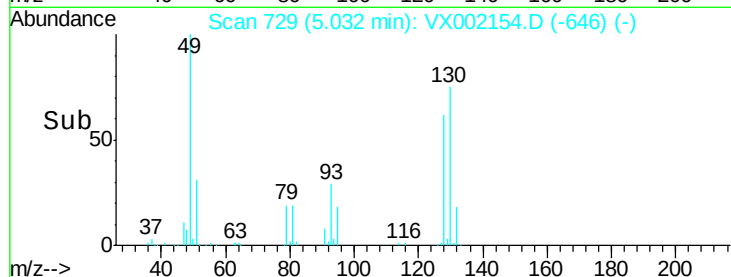
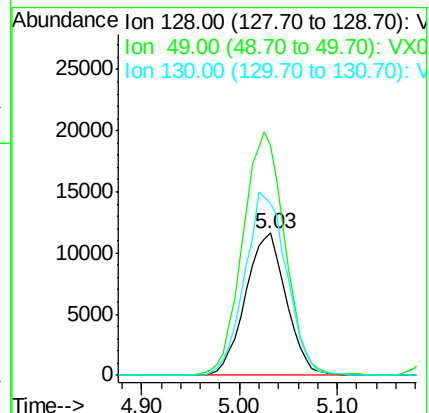
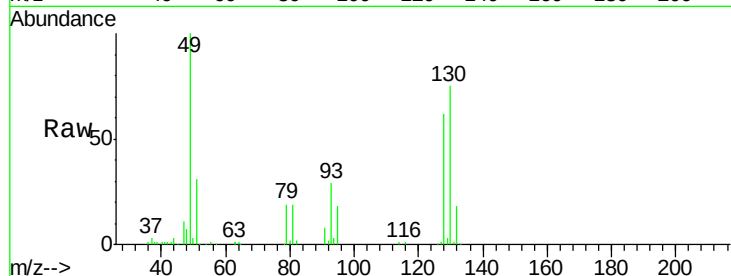
Tot Ion:128 Resp: 33640

Ion Ratio Lower Upper

128 100

49 176.5 0.0 423.0

130 132.2 0.0 324.3



#25

Chloroform

Concen: 58.03 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX002154.D

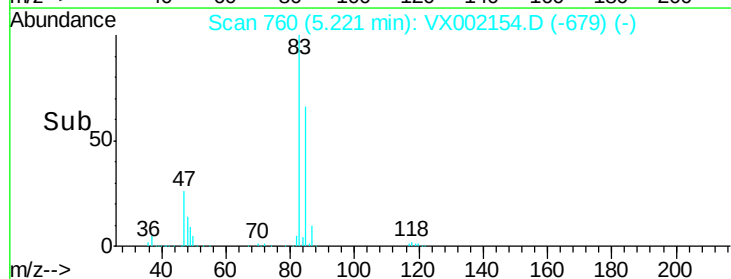
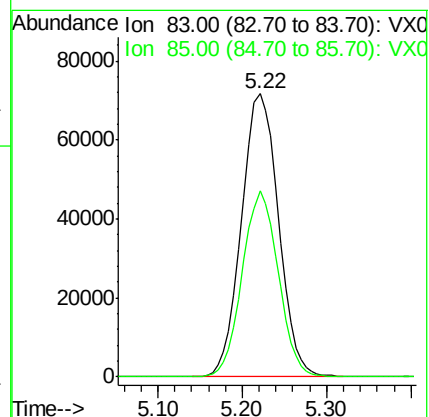
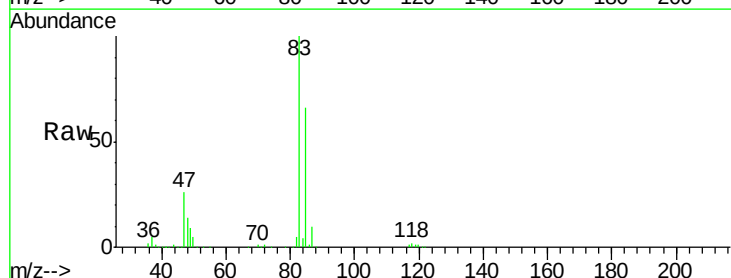
Acq: 30 May 2018 23:04

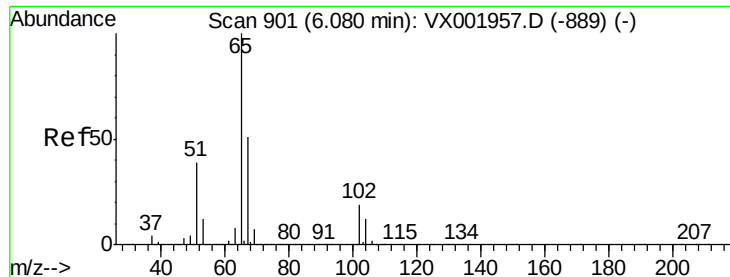
Tgt Ion: 83 Resp: 214208

Ion Ratio Lower Upper

83 100

85 65.9 51.9 77.9





#27

1,2-Dichloroethane-d4

Concen: 32.44 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX002154.D

Acq: 30 May 2018 23:04

Instrument :

MSVOA_X

ClientSampled :

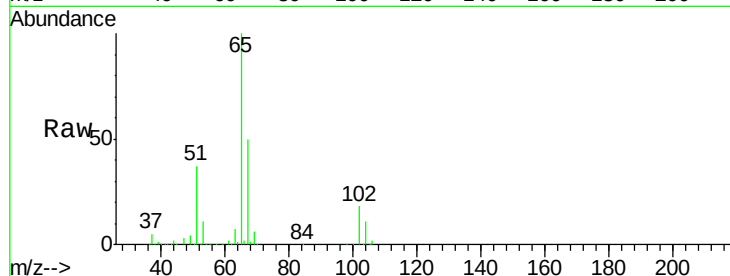
14B-3

Tot Ion: 65 Resp: 85874

Ion Ratio Lower Upper

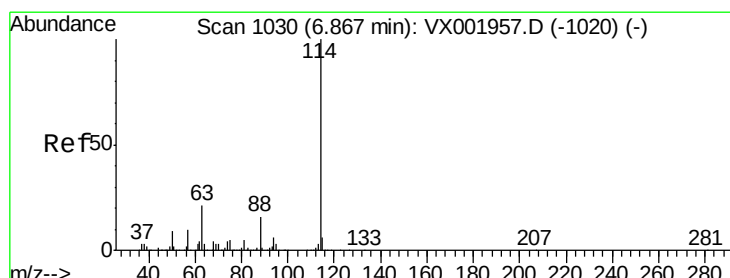
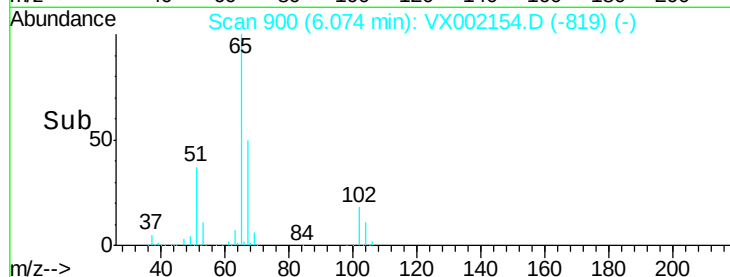
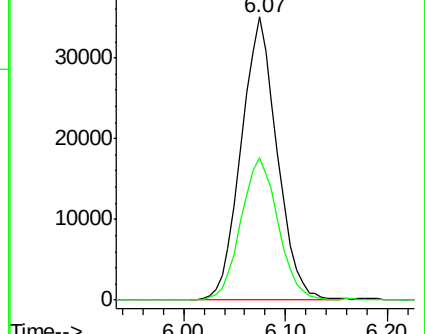
65 100

67 51.9 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002154.D

Acq: 30 May 2018 23:04

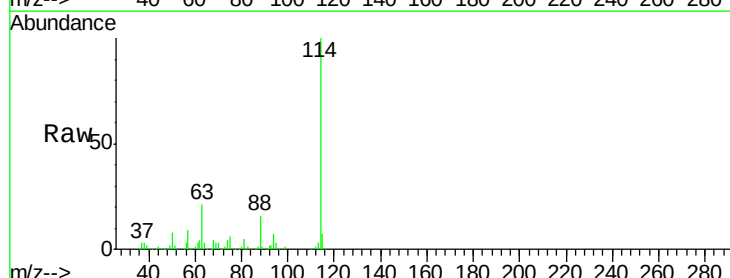
Tgt Ion: 114 Resp: 186065

Ion Ratio Lower Upper

114 100

63 21.8 17.1 25.7

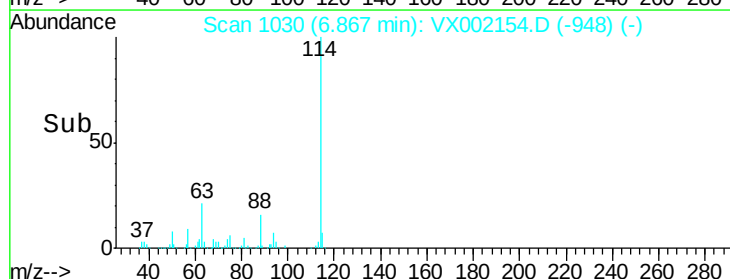
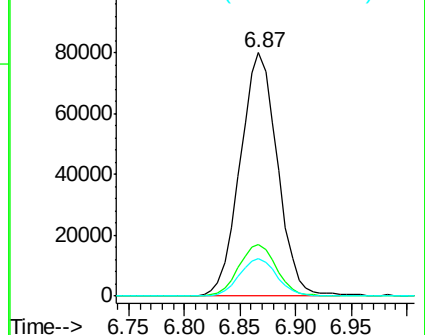
88 15.5 12.6 19.0

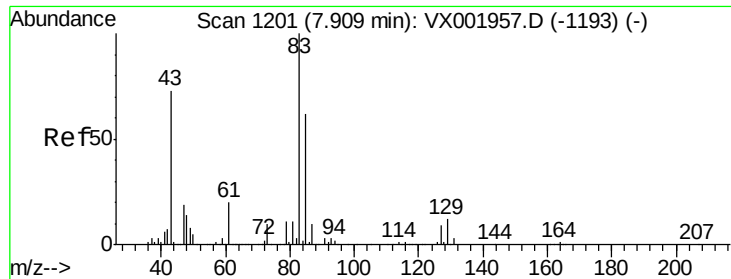


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#41

Bromodichloromethane

Concen: 11.58 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX002154.D

Acq: 30 May 2018 23:04

Instrument :

MSVOA_X

ClientSampleId :

14B-3

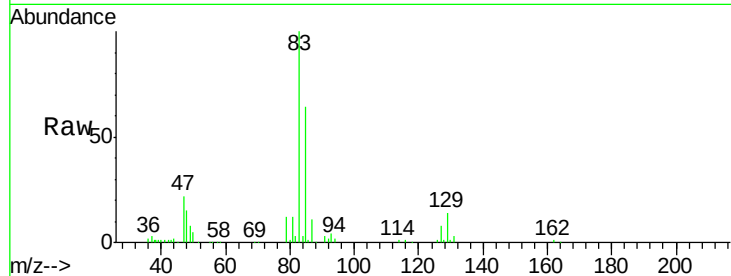
Tot Ion: 83 Resp: 34258

Ion Ratio Lower Upper

83 100

85 63.2 49.8 74.8

127 9.0 7.3 10.9

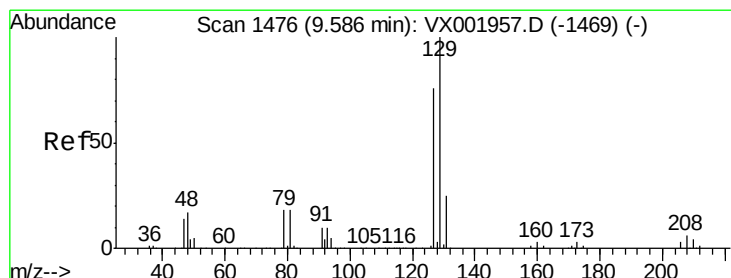
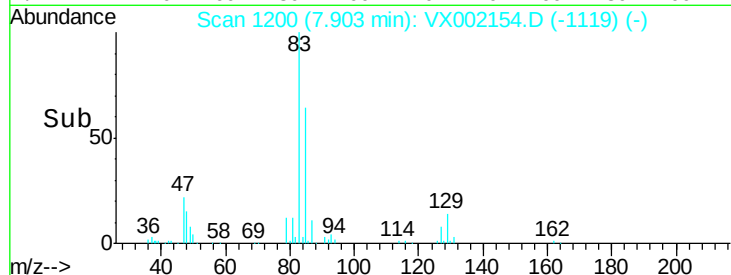


Abundance Ion 83.00 (82.70 to 83.70): VX001957.D (-1193) (-)

Ion 85.00 (84.70 to 85.70): VX001957.D (-1193) (-)

Ion 127.00 (126.70 to 127.70): VX001957.D (-1193) (-)

Time-->



#53

Dibromochloromethane

Concen: 1.11 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002154.D

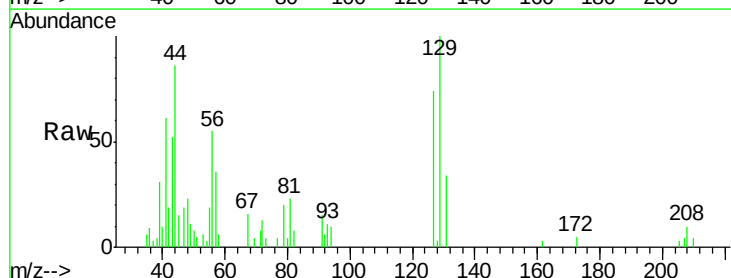
Acq: 30 May 2018 23:04

Tgt Ion: 129 Resp: 2781

Ion Ratio Lower Upper

129 100

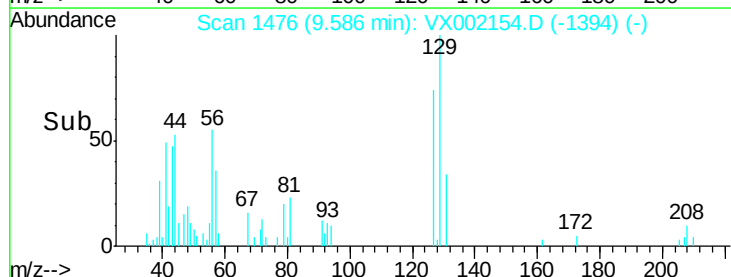
127 77.8 38.5 115.3

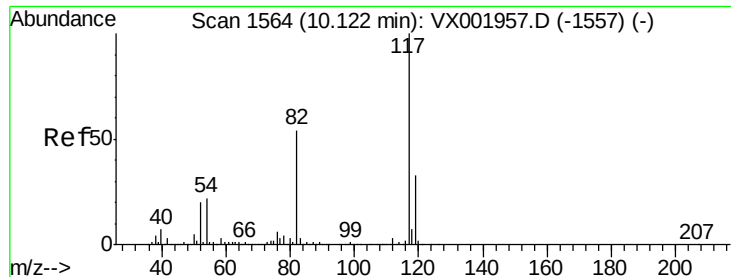


Abundance Ion 129.00 (128.70 to 129.70): VX001957.D (-1469) (-)

Ion 127.00 (126.70 to 127.70): VX001957.D (-1469) (-)

Time-->

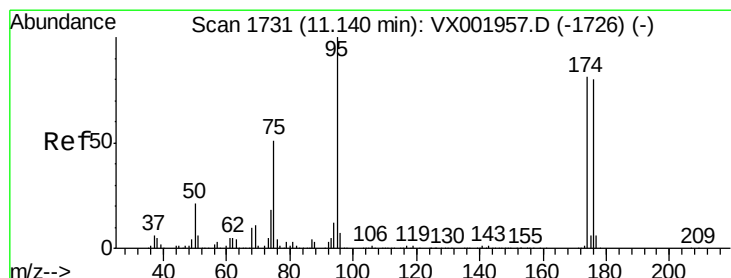
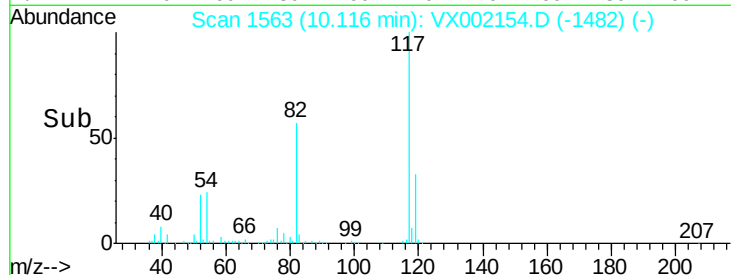
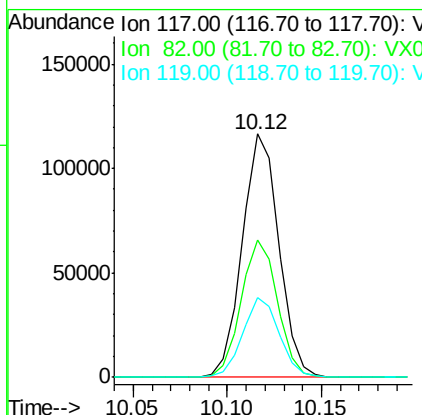
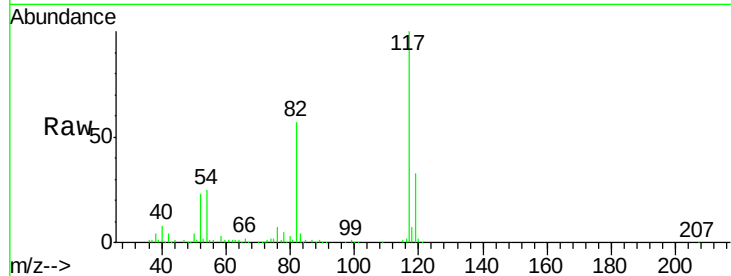




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002154.D
Acq: 30 May 2018 23:04

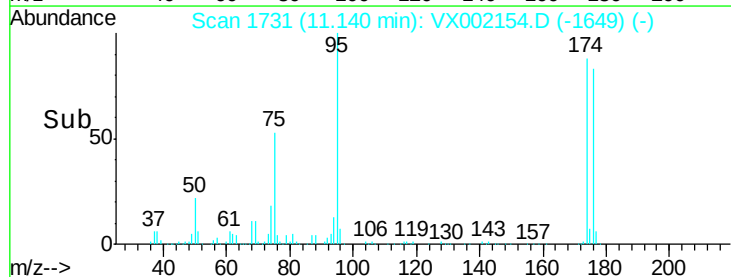
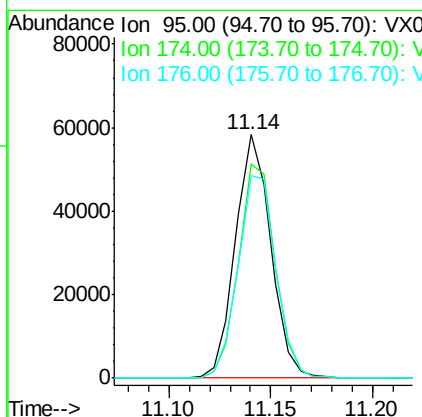
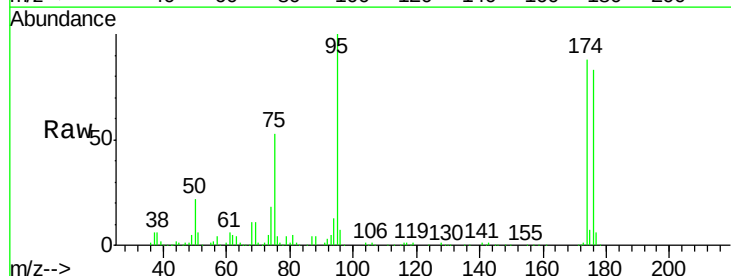
Instrument :
MSVOA_X
ClientSampleId :
14B-3

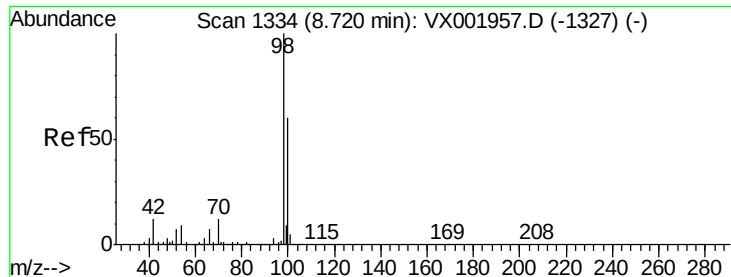
Tot Ion:117 Resp: 157106
Ion Ratio Lower Upper
117 100
82 56.4 44.3 66.5
119 32.6 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 26.09 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002154.D
Acq: 30 May 2018 23:04

Tgt Ion: 95 Resp: 70172
Ion Ratio Lower Upper
95 100
174 91.8 71.8 107.6
176 89.5 70.1 105.1





#63

Toluene-d8

Concen: 31.67 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002154.D

Acq: 30 May 2018 23:04

Instrument :

MSVOA_X

ClientSampleId :

14B-3

Tot Ion: 98 Resp: 221738

Ion Ratio Lower Upper

98 100

100 63.8 50.8 76.2

