

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002195.D
 Acq On : 31 May 2018 23:56
 Operator : JC/MD
 Sample : J3212-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-4

Quant Time: Jun 01 04:04:30 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	47994	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	268193	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	234549	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	121617	32.20	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.33%
60) 4-Bromofluorobenzene	11.14	95	106269	26.47	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.23%
63) Toluene-d8	8.72	98	322100	30.81	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.70%

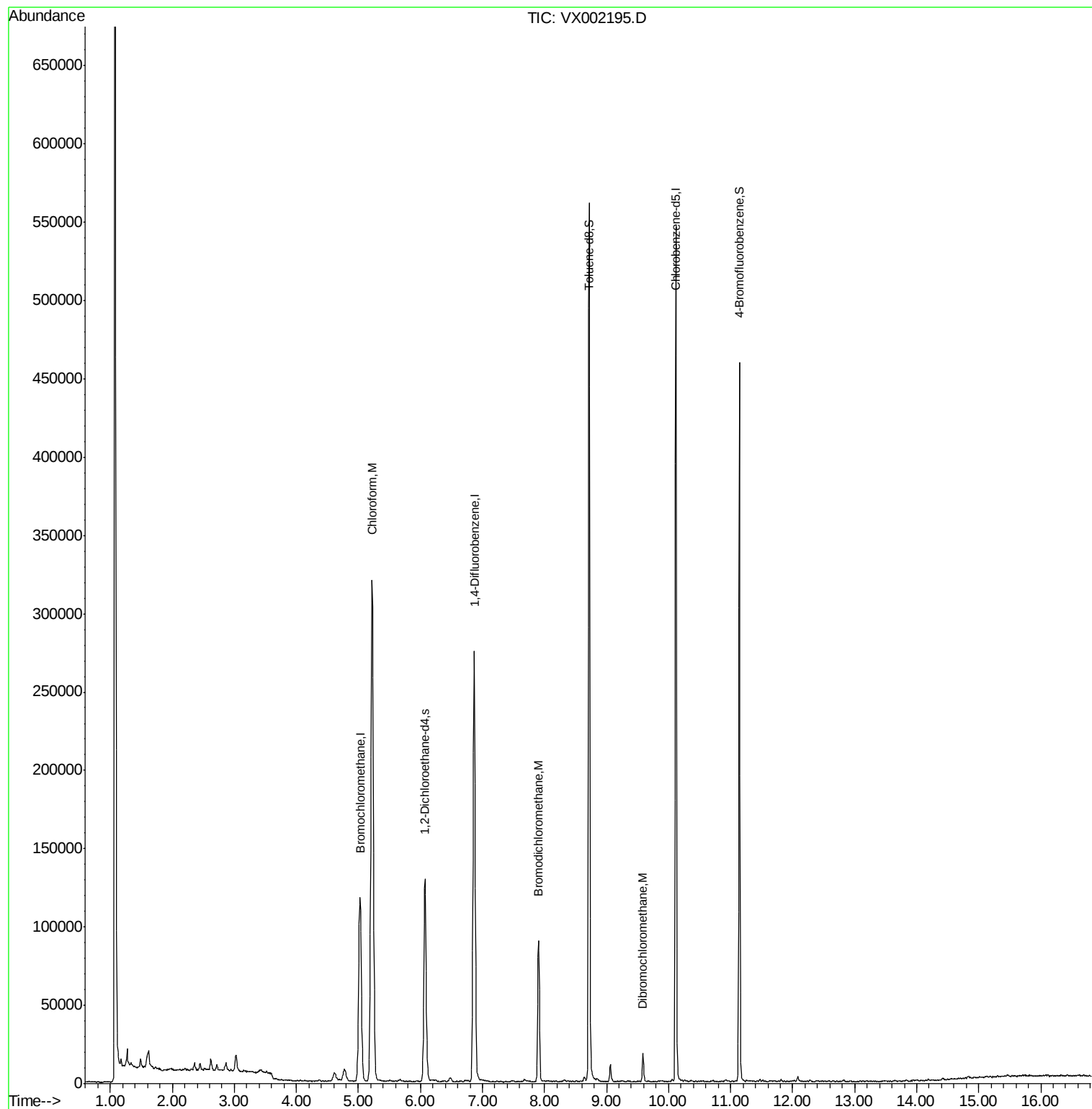
Target Compounds					Ovalue
25) Chloroform	5.22	83	365503	69.401 ug/l	99
41) Bromodichloromethane	7.90	83	54428	12.764 ug/l	97
53) Dibromochloromethane	9.59	129	4372	1.213 ug/l	99

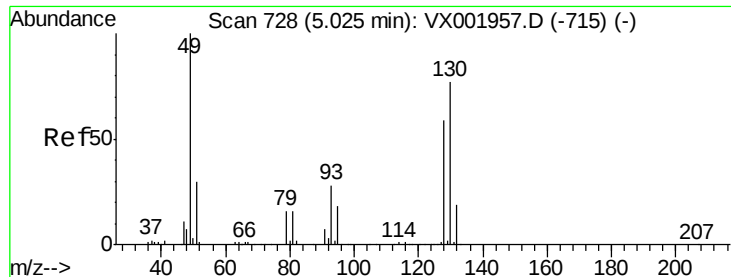
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002195.D

Acq: 31 May 2018 23:56

Instrument :

MSVOA_X

ClientSampled :

14B-4

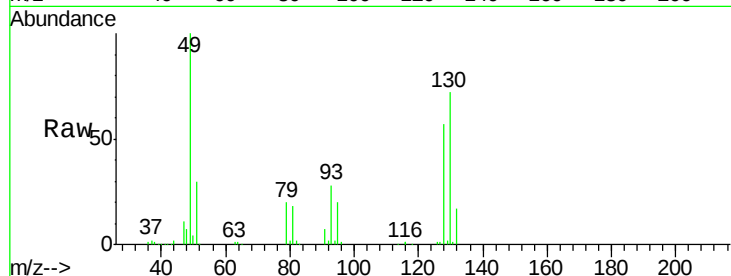
Tot Ion:128 Resp: 47994

Ion Ratio Lower Upper

128 100

49 173.5 0.0 423.0

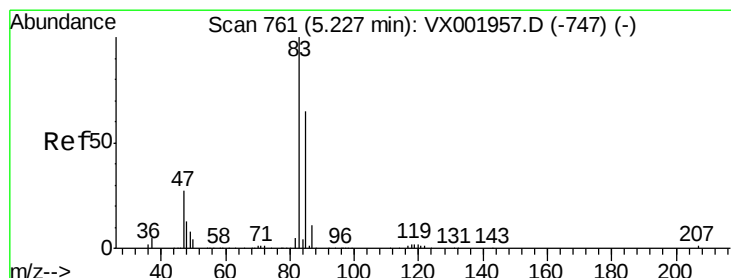
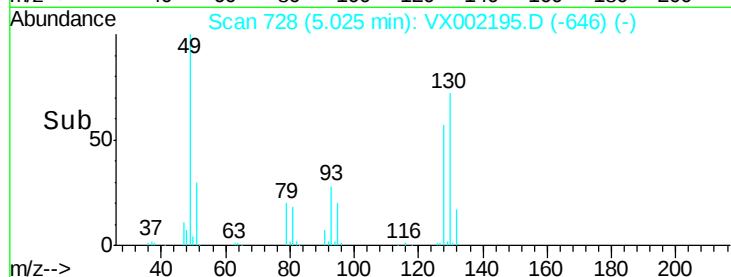
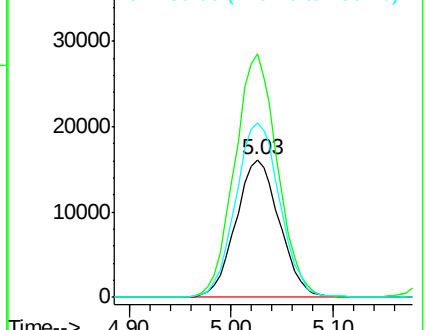
130 128.7 0.0 324.3



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: 69.401 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX002195.D

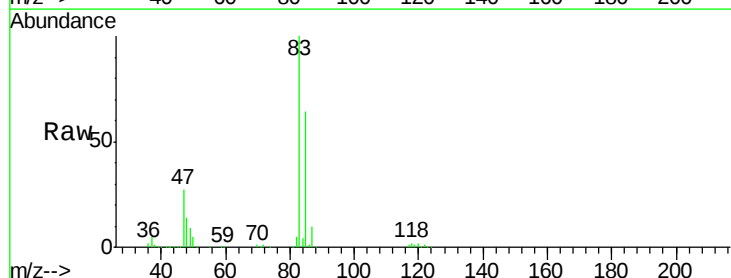
Acq: 31 May 2018 23:56

Tgt Ion: 83 Resp: 365503

Ion Ratio Lower Upper

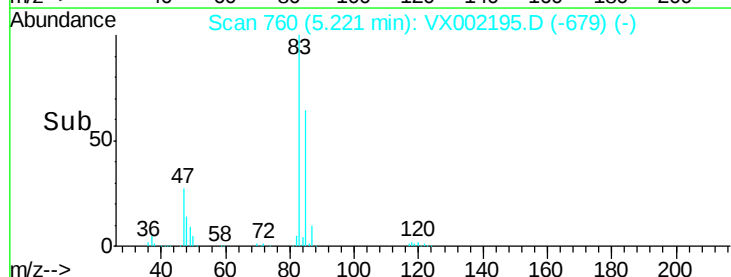
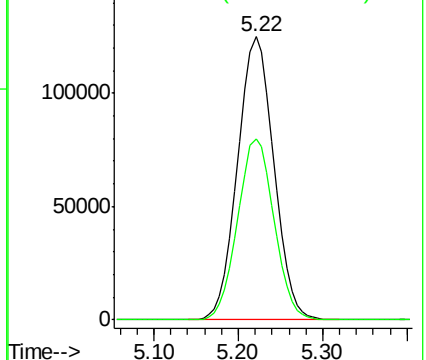
83 100

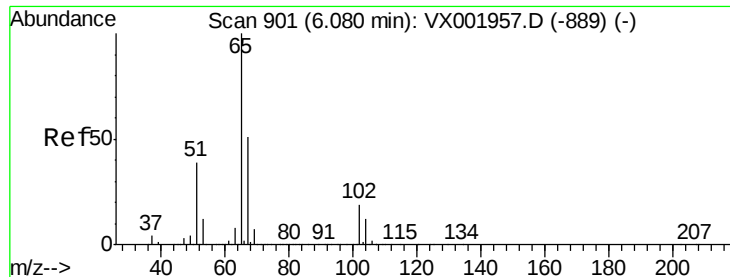
85 64.0 51.9 77.9



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: 32.202 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX002195.D

Acq: 31 May 2018 23:56

Instrument :

MSVOA_X

ClientSampled :

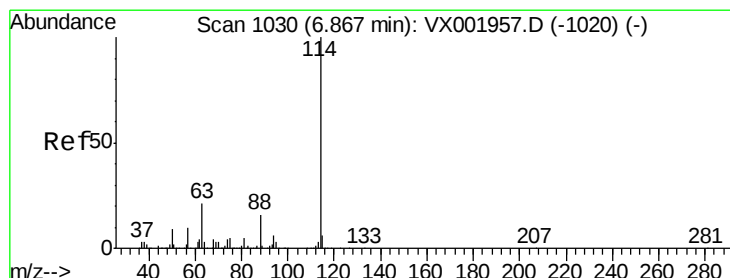
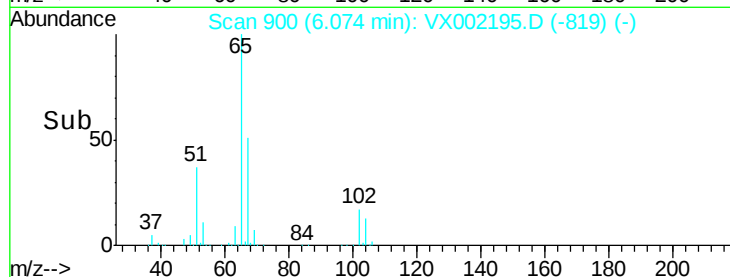
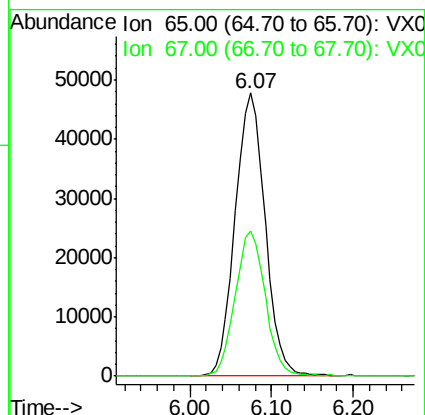
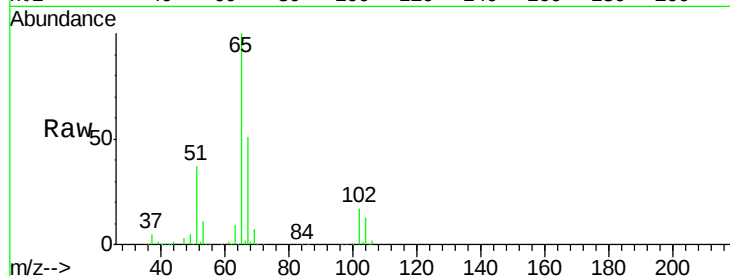
14B-4

Tot Ion: 65 Resp: 121617

Ion Ratio Lower Upper

65 100

67 51.2 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002195.D

Acq: 31 May 2018 23:56

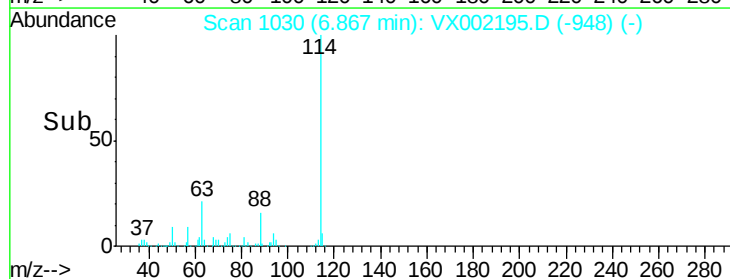
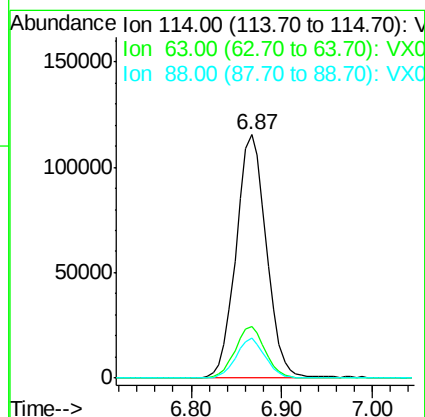
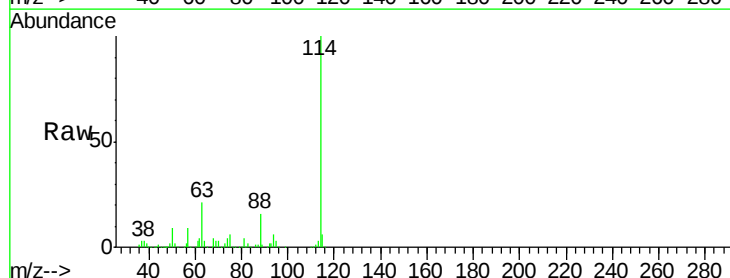
Tgt Ion: 114 Resp: 268193

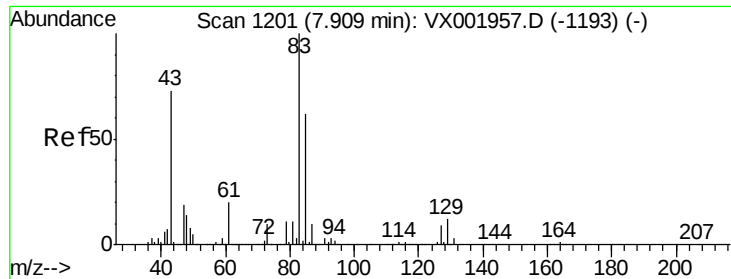
Ion Ratio Lower Upper

114 100

63 21.1 17.1 25.7

88 15.6 12.6 19.0

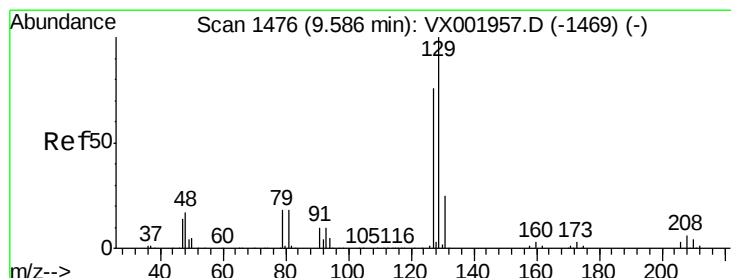
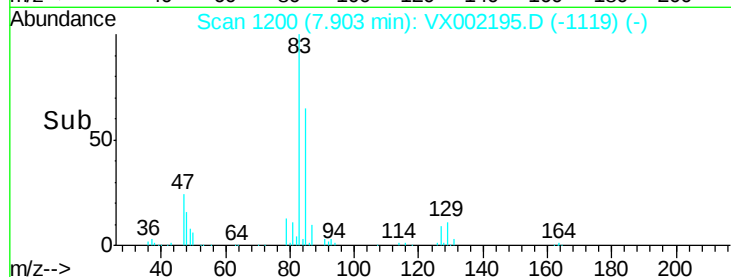
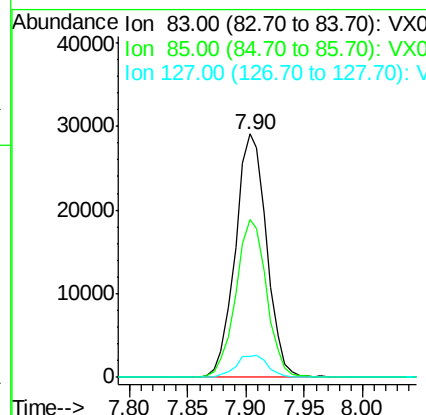
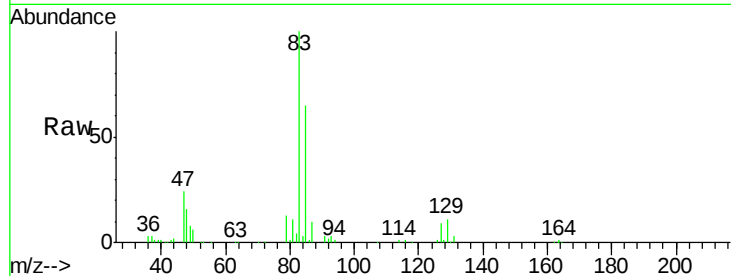




#41
 Bromodichloromethane
 Concen: 12.764 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VX002195.D
 Acq: 31 May 2018 23:56

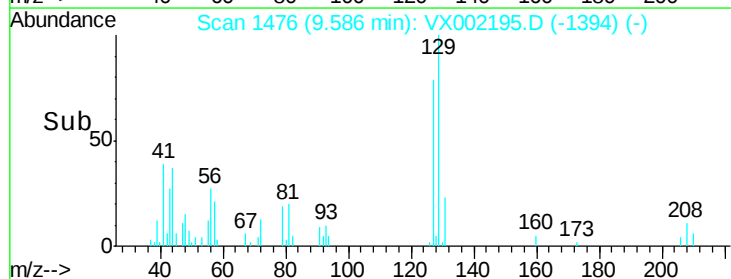
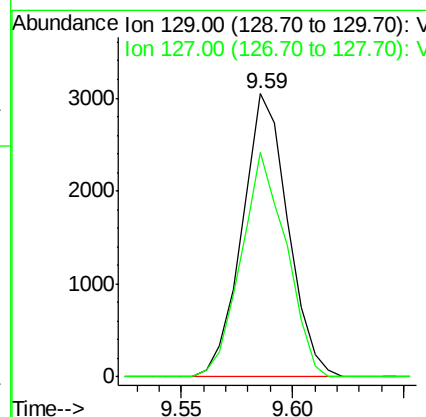
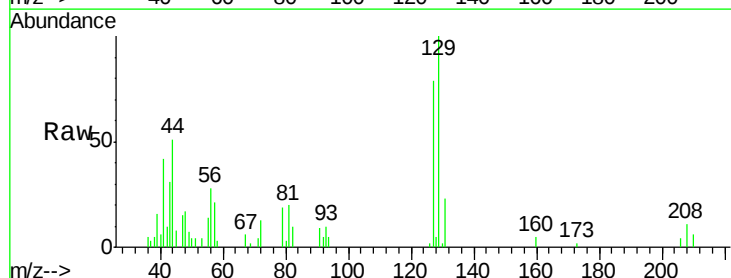
Instrument :
 MSVOA_X
 ClientSampleId :
 14B-4

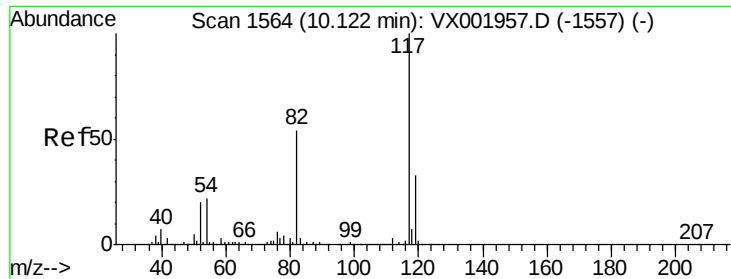
Tot Ion: 83 Resp: 54428
 Ion Ratio Lower Upper
 83 100
 85 65.0 49.8 74.8
 127 8.8 7.3 10.9



#53
 Dibromochloromethane
 Concen: 1.213 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX002195.D
 Acq: 31 May 2018 23:56

Tgt Ion: 129 Resp: 4372
 Ion Ratio Lower Upper
 129 100
 127 78.0 38.5 115.3

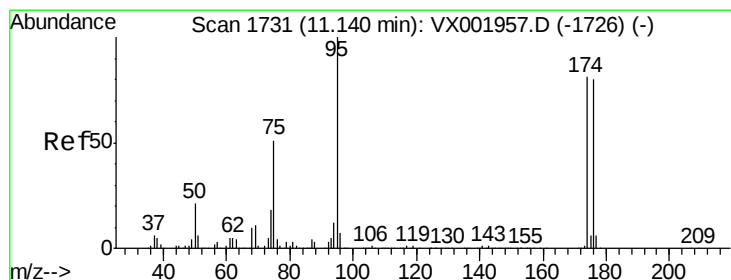
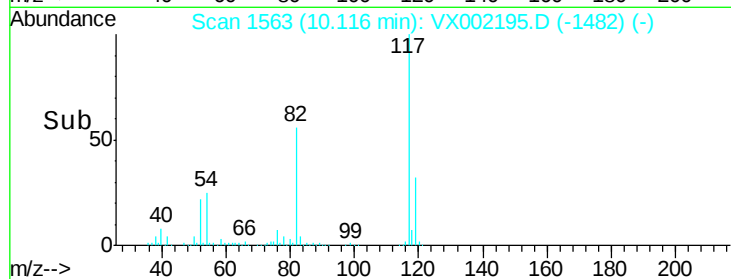
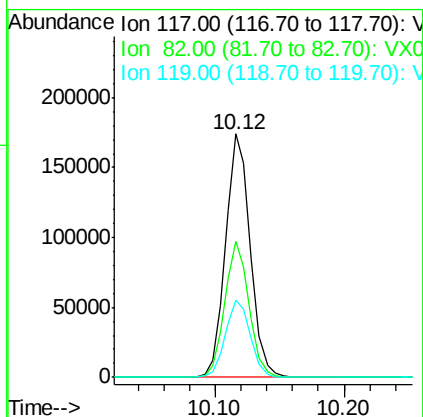
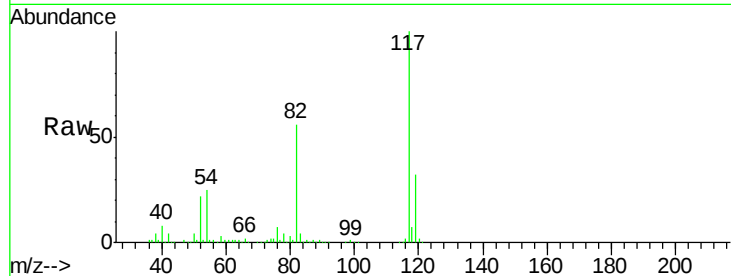




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002195.D
Acq: 31 May 2018 23:56

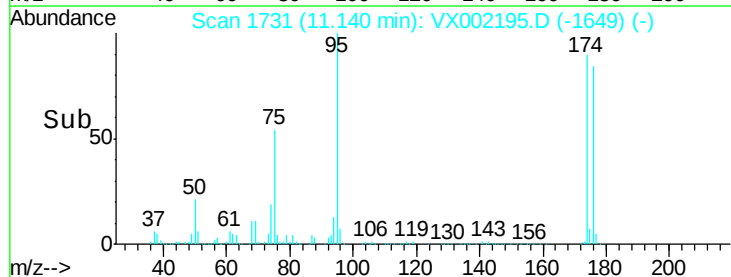
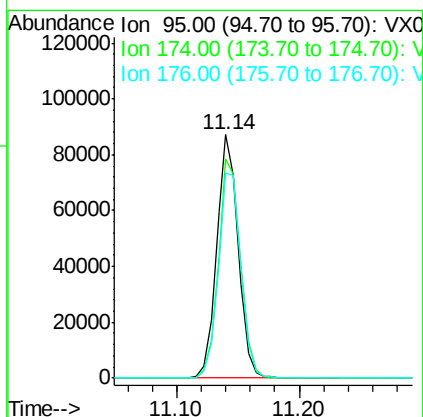
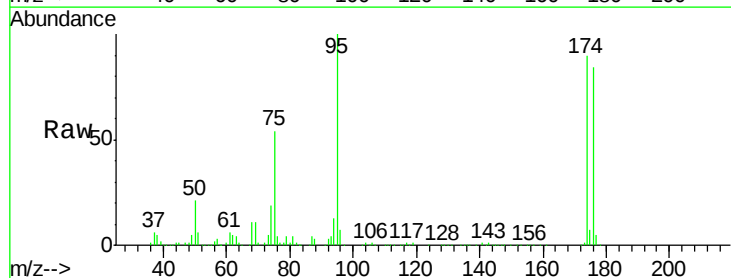
Instrument :
MSVOA_X
ClientSampleId :
14B-4

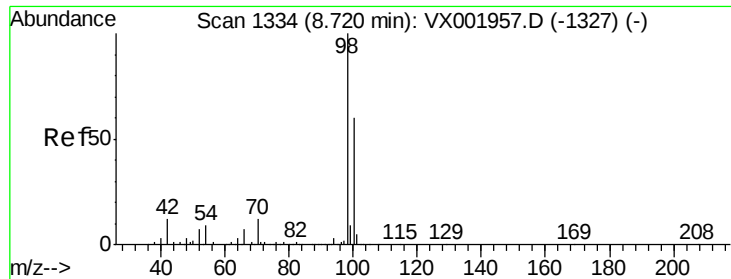
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.3	66.5
119	32.1	25.7	38.5



#60
4-Bromofluorobenzene
Concen: 26.468 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002195.D
Acq: 31 May 2018 23:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.9	71.8	107.6
176	89.1	70.1	105.1





#63

Toluene-d8

Concen: 30.812 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002195.D

Acq: 31 May 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

14B-4

Tot Ion: 98 Resp: 322100

Ion Ratio Lower Upper

98 100

100 63.1 50.8 76.2

