

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002139.D
 Acq On : 30 May 2018 14:23
 Operator : JC/MD
 Sample : J3070-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-4

Quant Time: May 31 05:27:33 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	53041	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	297640	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	259822	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	128924	30.89	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.97%
60) 4-Bromofluorobenzene	11.14	95	119376	26.84	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.47%
63) Toluene-d8	8.72	98	358286	30.94	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.13%

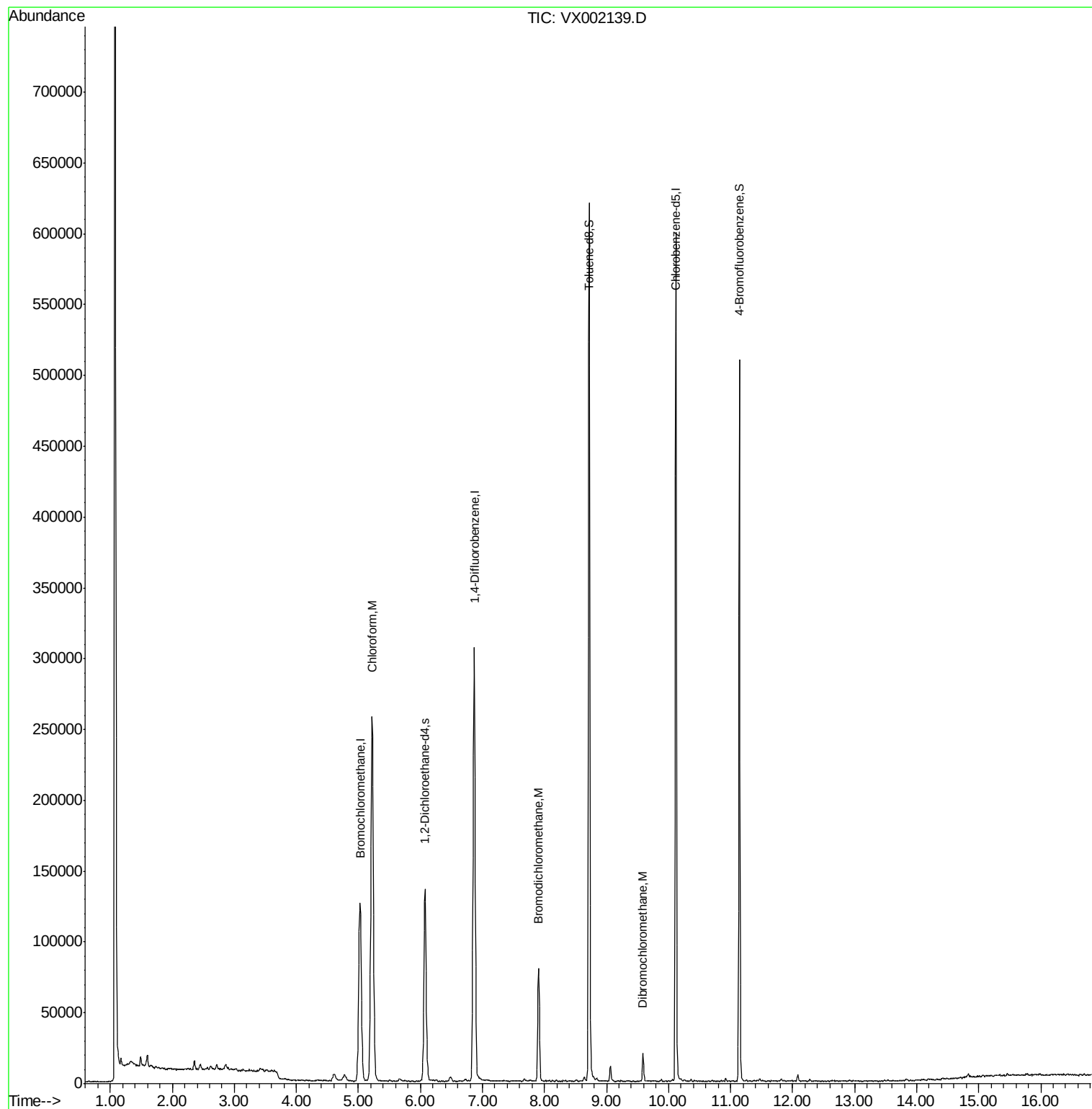
Target Compounds					Ovalue
25) Chloroform	5.22	83	291827	50.14 ug/l	99
41) Bromodichloromethane	7.90	83	47513	10.04 ug/l	99
53) Dibromochloromethane	9.59	129	3818	0.95 ug/l	99

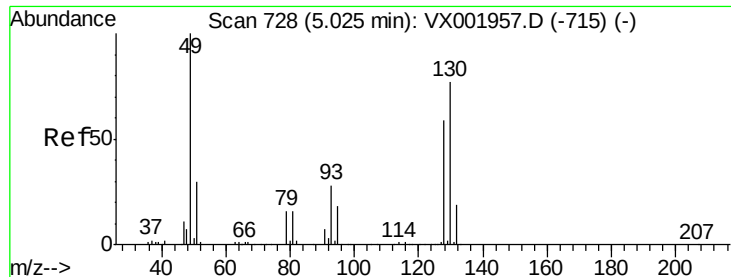
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002139.D

Acq: 30 May 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

14B-4

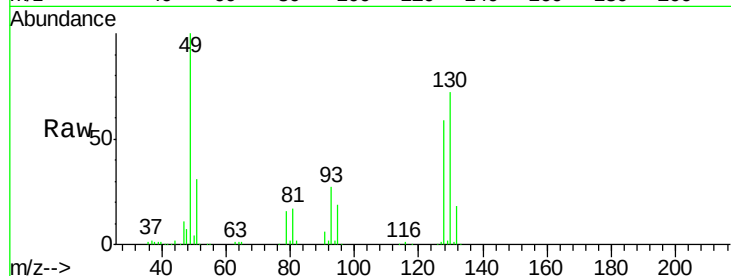
Tot Ion:128 Resp: 53041

Ion Ratio Lower Upper

128 100

49 169.7 0.0 423.0

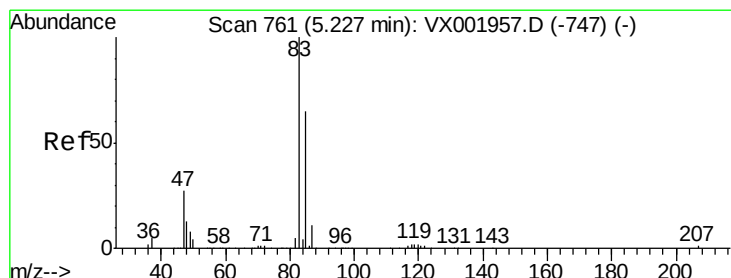
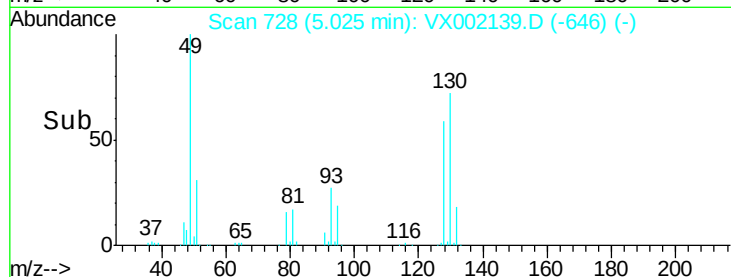
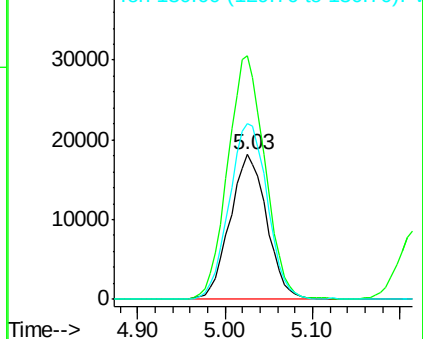
130 126.5 0.0 324.3



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: 50.14 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX002139.D

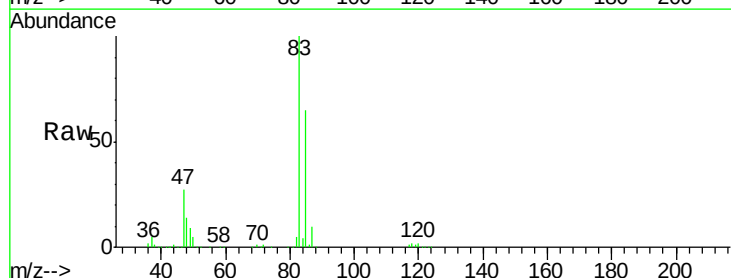
Acq: 30 May 2018 14:23

Tgt Ion: 83 Resp: 291827

Ion Ratio Lower Upper

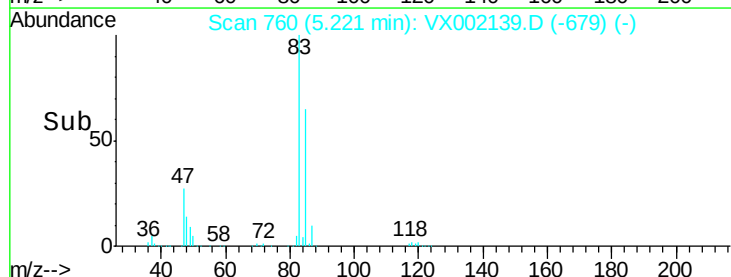
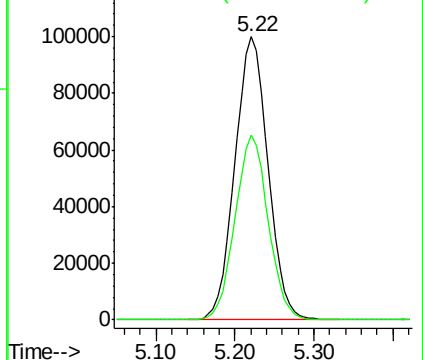
83 100

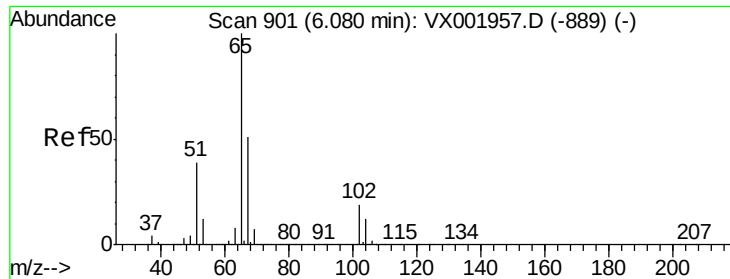
85 65.3 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

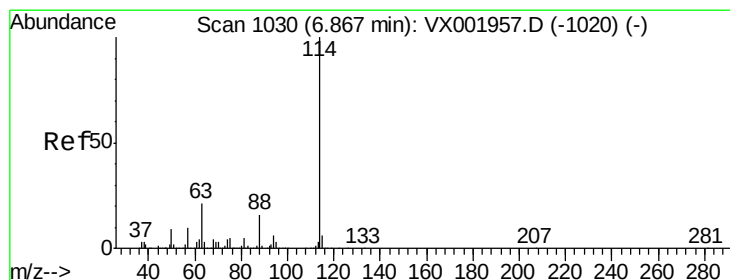
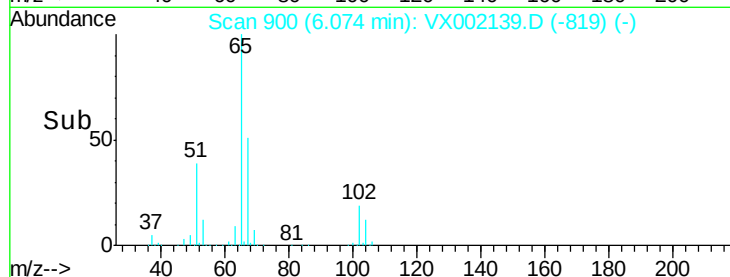
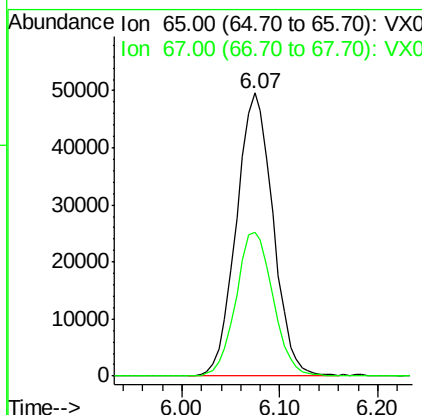
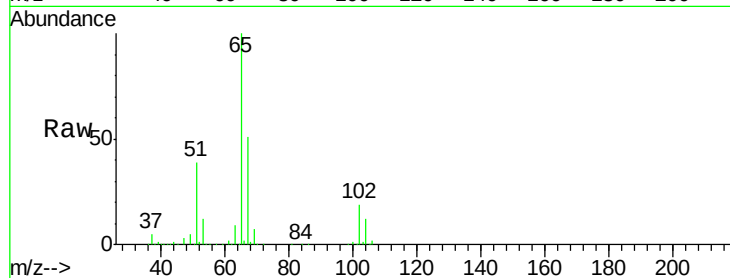




#27
 1,2-Dichloroethane-d4
 Concen: 30.89 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX002139.D
 Acq: 30 May 2018 14:23

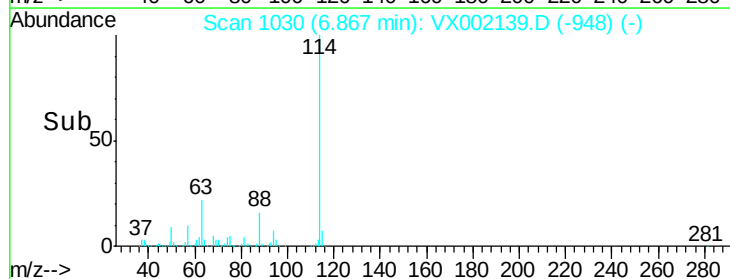
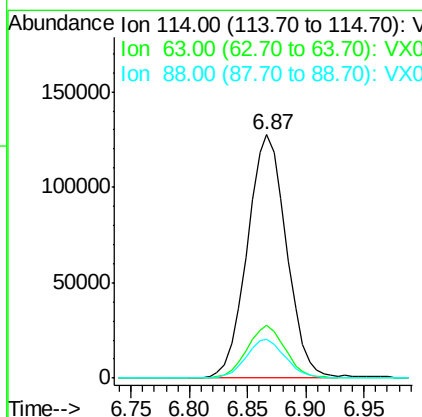
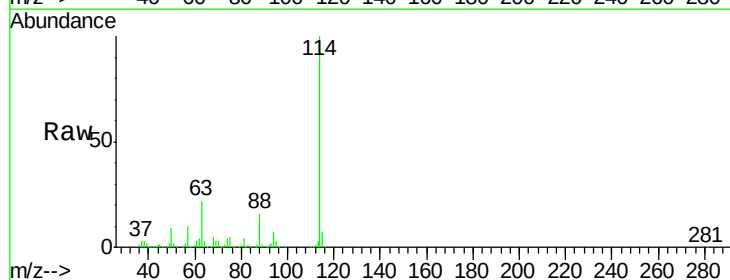
Instrument :
 MSVOA_X
 ClientSampled :
 14B-4

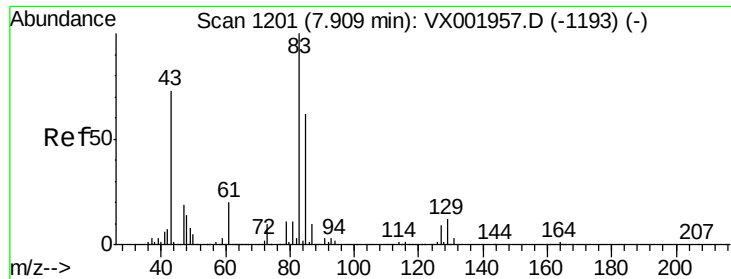
Tot Ion: 65 Resp: 128924
 Ion Ratio Lower Upper
 65 100
 67 51.1 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002139.D
 Acq: 30 May 2018 14:23

Tgt Ion: 114 Resp: 297640
 Ion Ratio Lower Upper
 114 100
 63 21.3 17.1 25.7
 88 15.8 12.6 19.0





#41

Bromodichloromethane

Concen: 10.04 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX002139.D

Acq: 30 May 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

14B-4

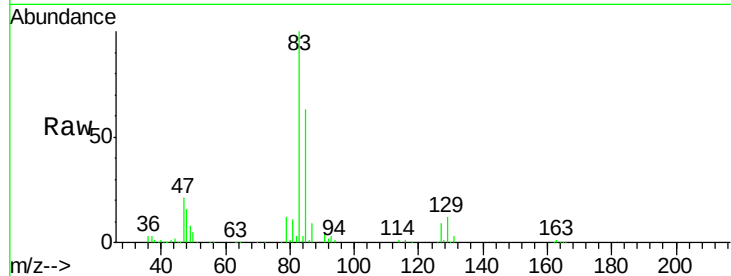
Tot Ion: 83 Resp: 47513

Ion Ratio Lower Upper

83 100

85 62.7 49.8 74.8

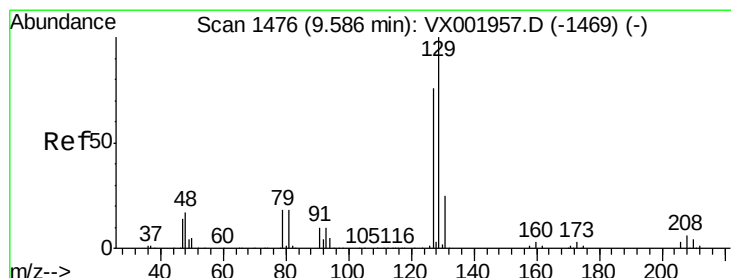
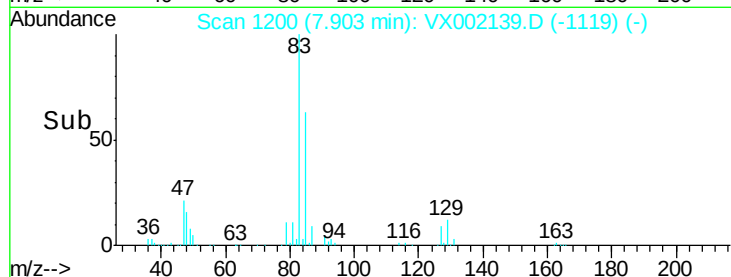
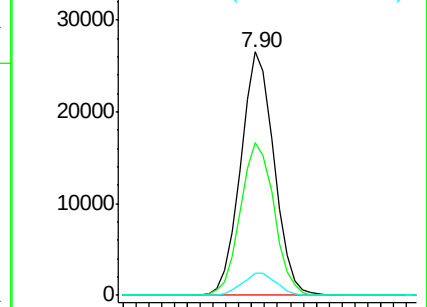
127 9.2 7.3 10.9



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) (-)



#53

Dibromochloromethane

Concen: 0.95 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002139.D

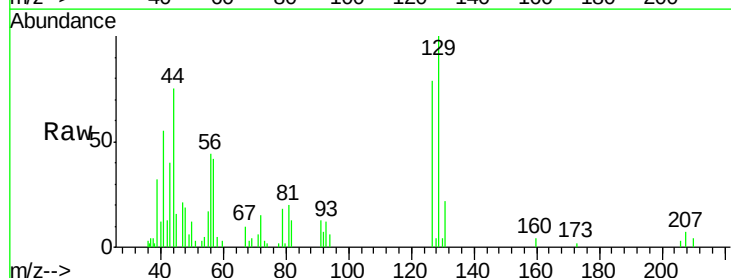
Acq: 30 May 2018 14:23

Tgt Ion: 129 Resp: 3818

Ion Ratio Lower Upper

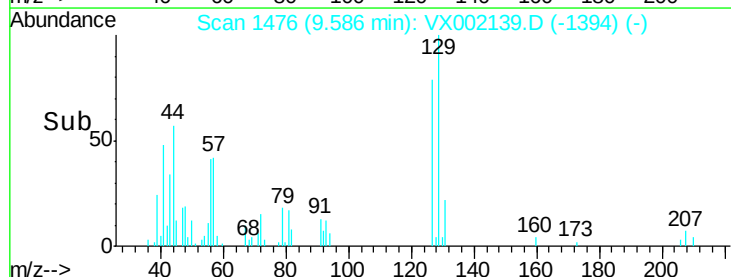
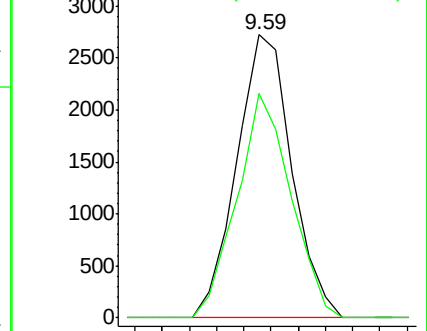
129 100

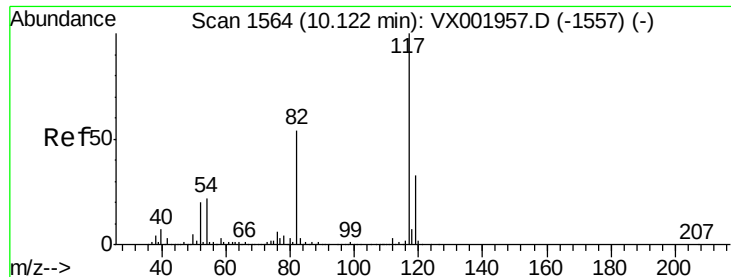
127 77.7 38.5 115.3



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

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

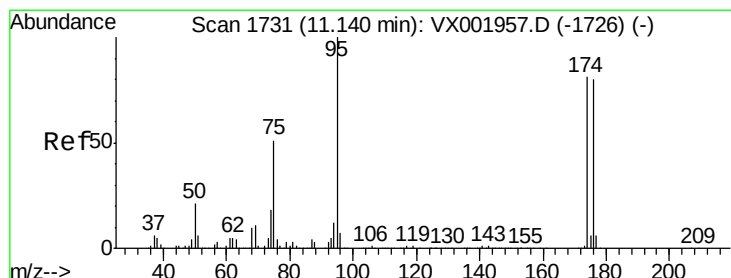
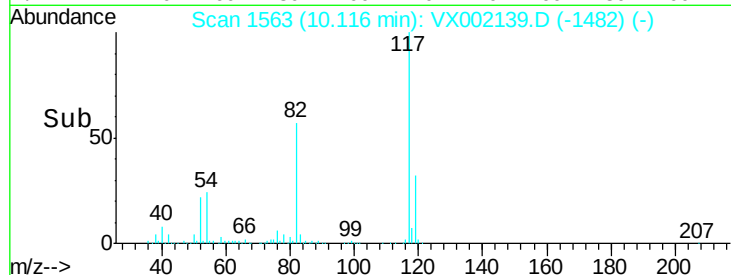
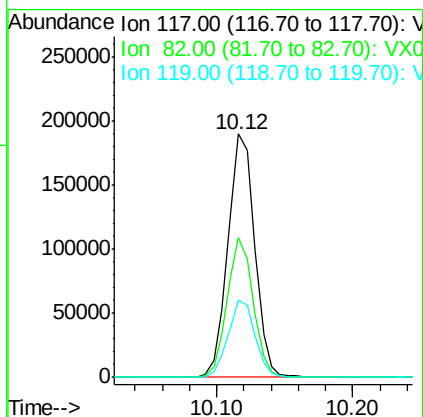
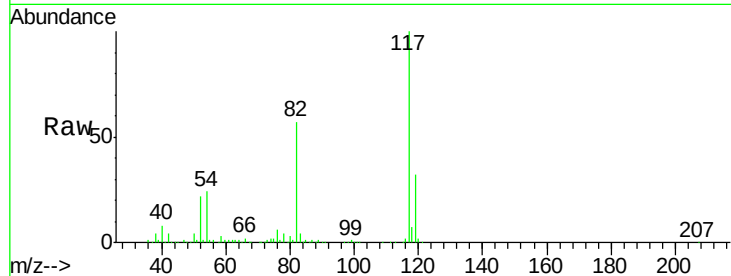




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002139.D
Acq: 30 May 2018 14:23

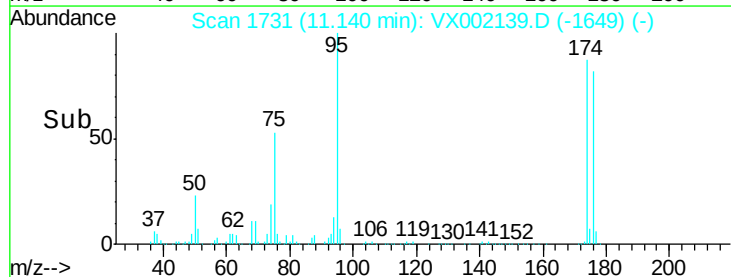
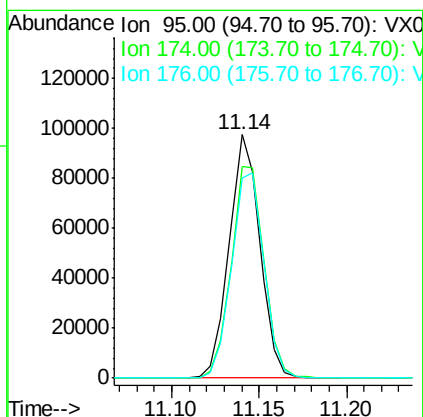
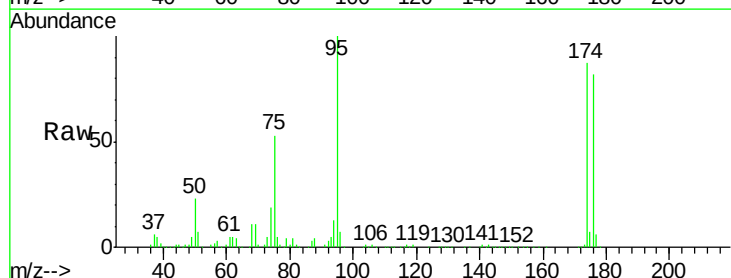
Instrument :
MSVOA_X
ClientSampled :
14B-4

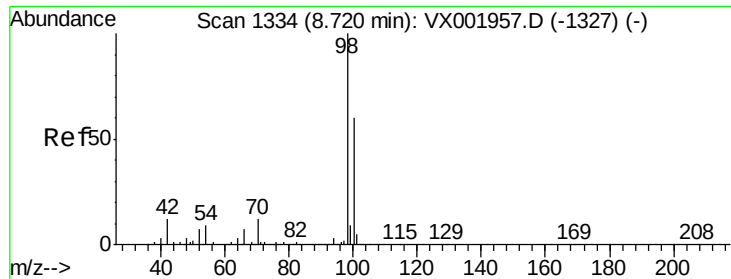
Tot Ion:117 Resp: 259822
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 31.9 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 26.84 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002139.D
Acq: 30 May 2018 14:23

Tgt Ion: 95 Resp: 119376
Ion Ratio Lower Upper
95 100
174 92.4 71.8 107.6
176 89.2 70.1 105.1





#63
 Toluene-d8
 Concen: 30.94 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002139.D
 Acq: 30 May 2018 14:23

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-4

Tot Ion: 98 Resp: 358286
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.8 76.2

