

Data File : VX001261.D
Acq On : 30 Apr 2018 18:48
Operator : JC/MD
Sample : VX0430WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

Quant Time: May 01 03:15:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Apr 30 16:58:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	35702	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	200715	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	177661	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	80331	31.19	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.97%
60) 4-Bromofluorobenzene	11.14	95	79155	26.59	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.63%
63) Toluene-d8	8.72	98	230692	30.28	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.93%

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	421	0.24	ug/l	90
11) Methyl Iodide	2.52	142	539	0.23	ug/l #	87
51) Ethyl methacrylate	8.72	69	810	0.24	ug/l #	48
56) Bromoform	11.15	173	1052	0.50	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.14	75	40848	47.07	ug/l #	11

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

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VX0430WBL01

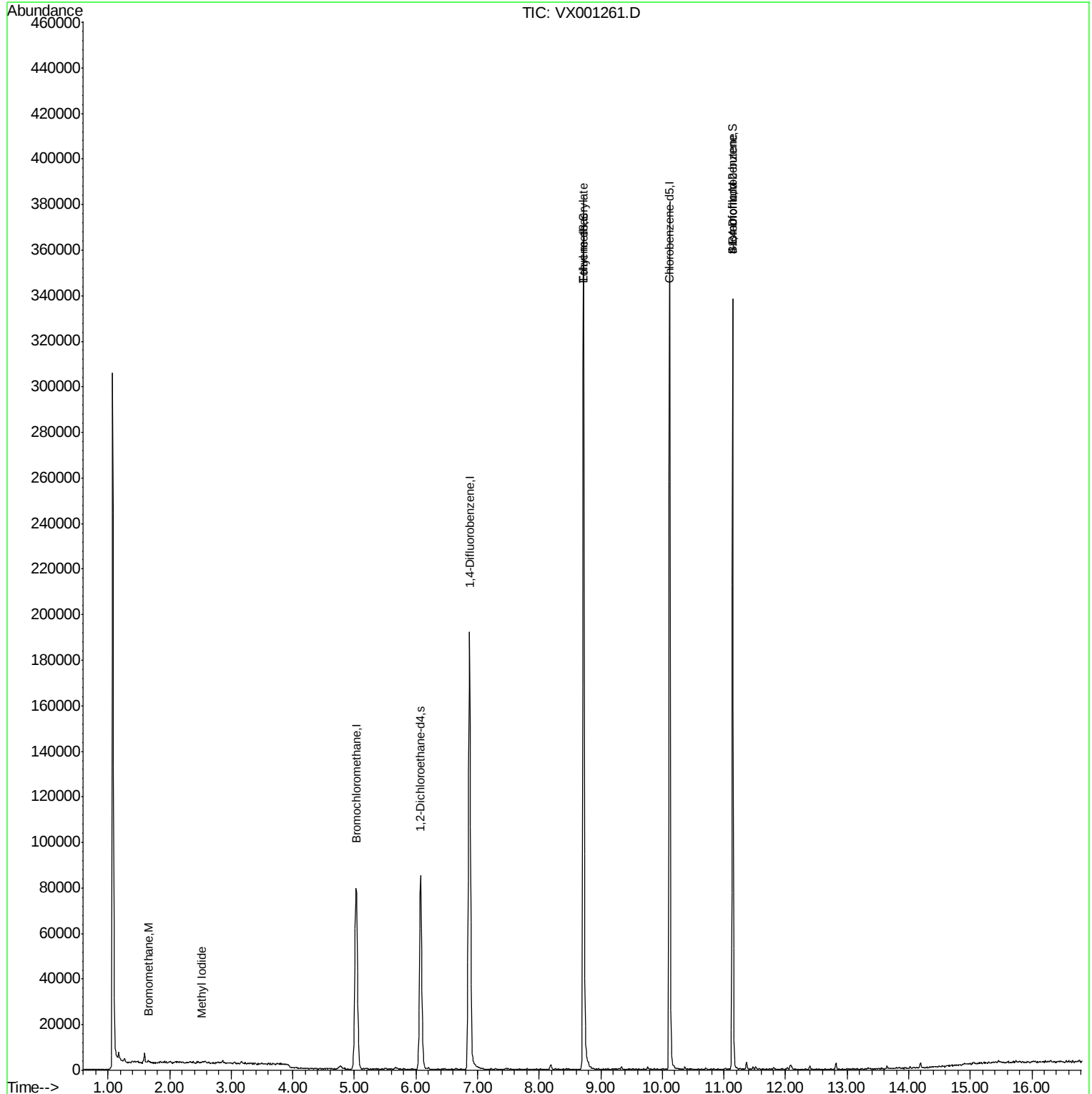
Quant Time: May 01 03:15:54 2018

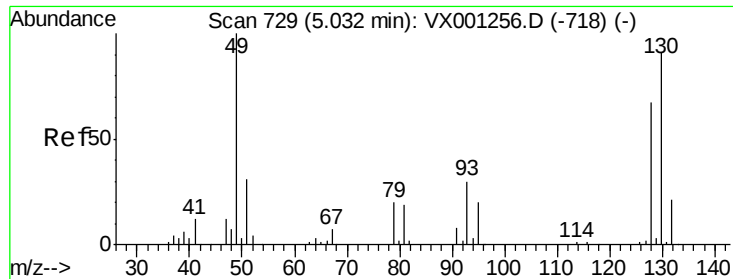
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Mon Apr 30 16:58:22 2018

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX001261.D

Acq: 30 Apr 2018 18:48

Instrument :

MSVOA_X

ClientSampled :

VX0430WBL01

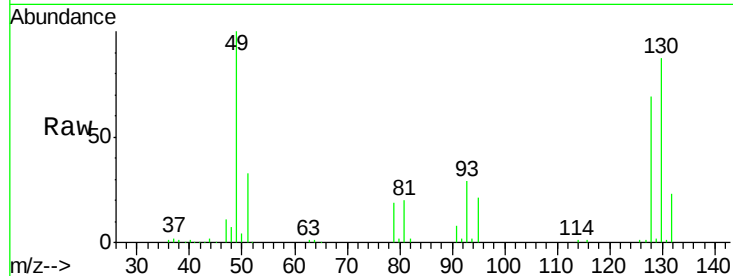
Tgt Ion:128 Resp: 35702

Ion Ratio Lower Upper

128 100

49 145.5 0.0 378.3

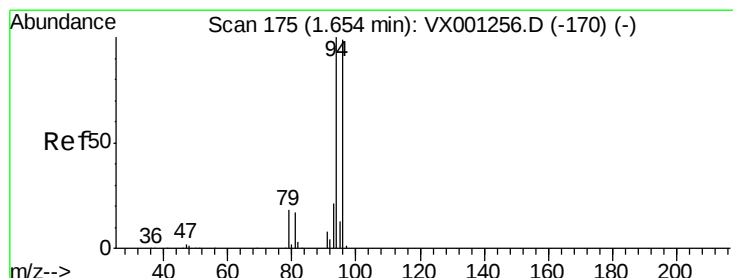
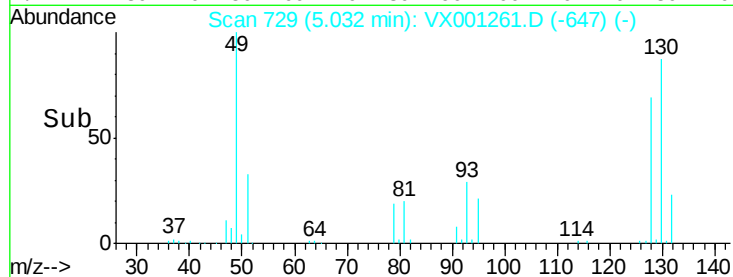
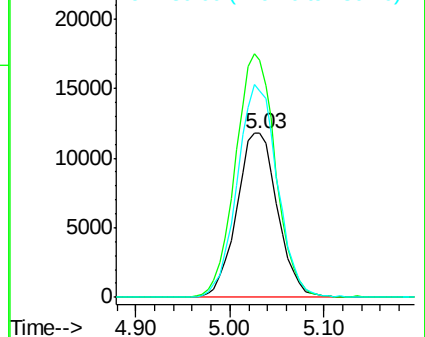
130 127.6 0.0 324.3



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



#5

Bromomethane

Concen: 0.24 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001261.D

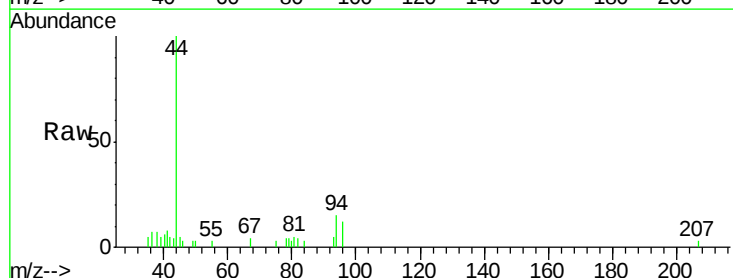
Acq: 30 Apr 2018 18:48

Tgt Ion: 94 Resp: 421

Ion Ratio Lower Upper

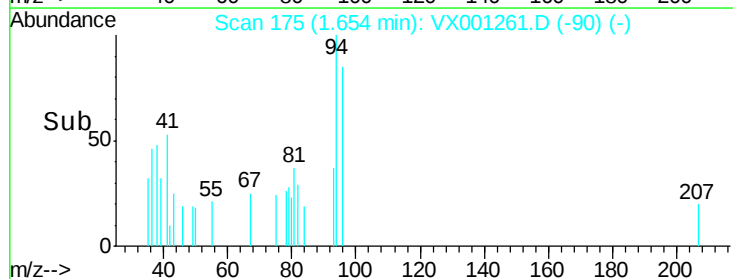
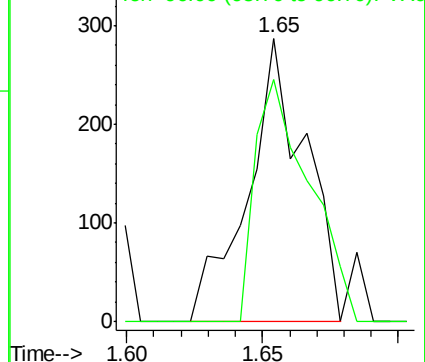
94 100

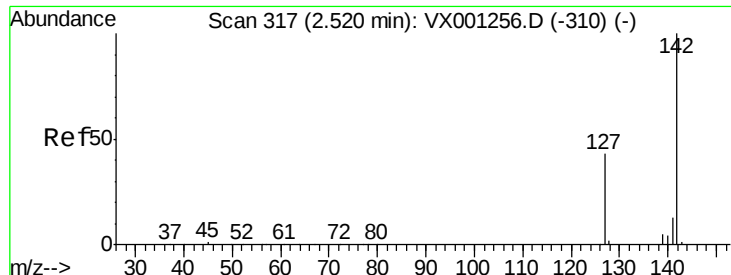
96 85.4 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

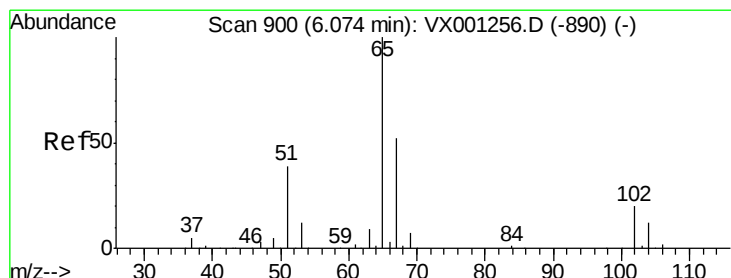
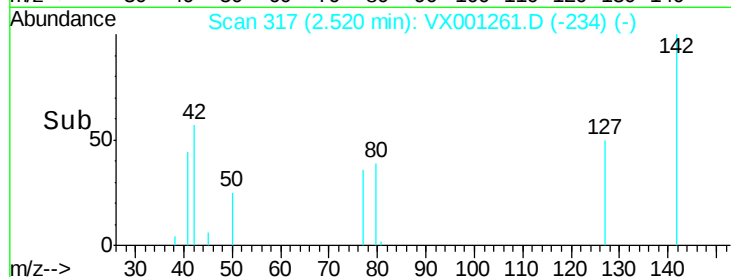
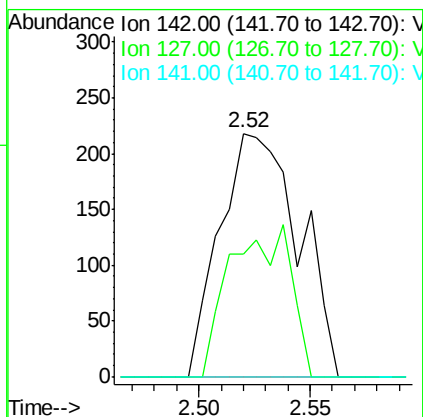
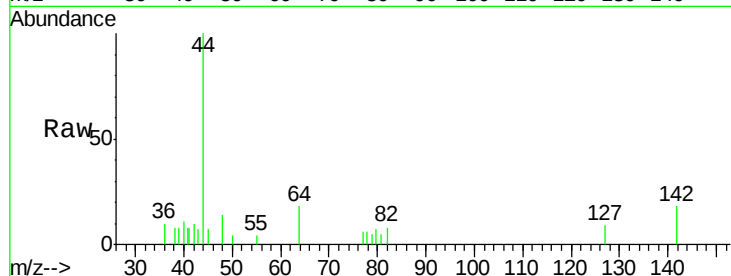




#11
Methyl Iodide
Concen: 0.23 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001261.D
Acq: 30 Apr 2018 18:48

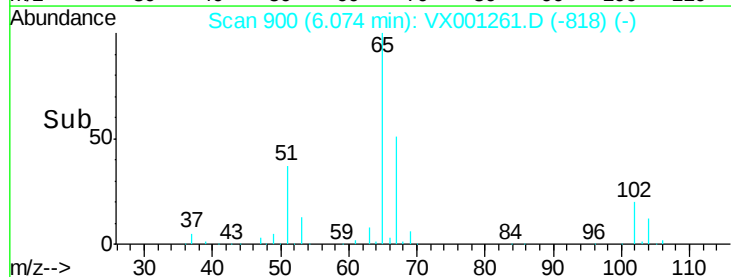
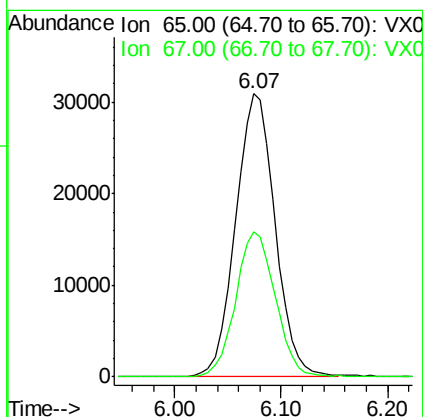
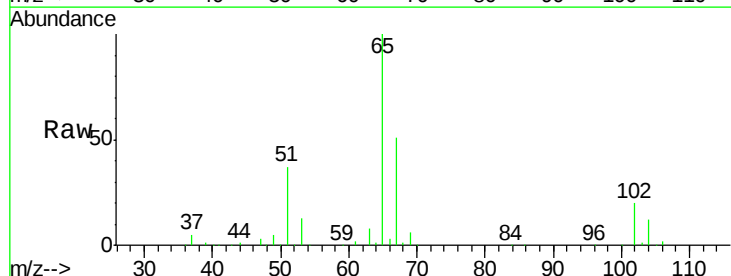
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

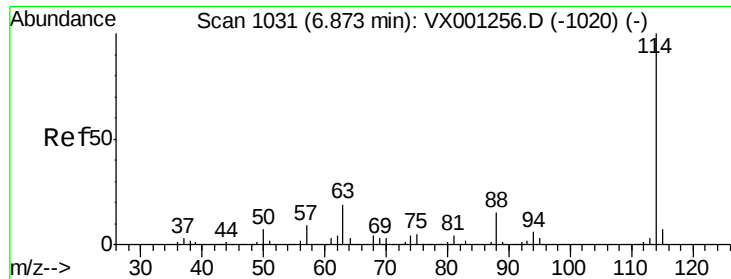
Tgt Ion:142 Resp: 539
Ion Ratio Lower Upper
142 100
127 50.5 23.8 71.5
141 0.0 8.2 24.4#



#27
1,2-Dichloroethane-d4
Concen: 31.19 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001261.D
Acq: 30 Apr 2018 18:48

Tgt Ion: 65 Resp: 80331
Ion Ratio Lower Upper
65 100
67 51.3 41.4 62.2

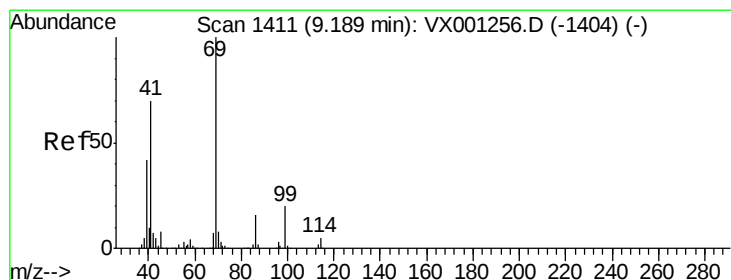
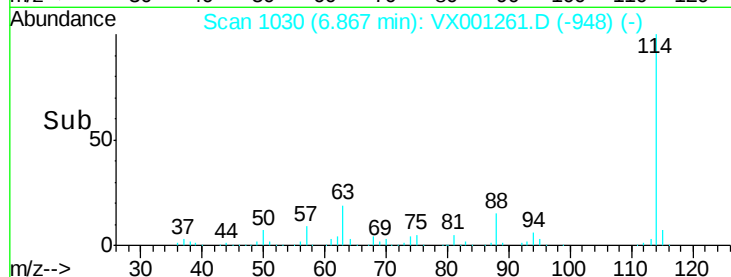
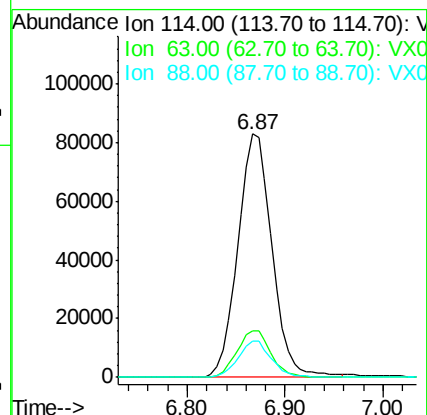
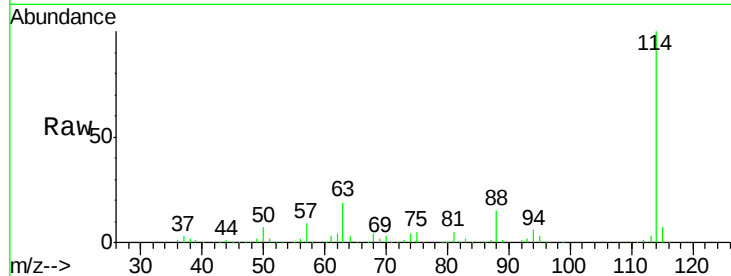




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001261.D
 Acq: 30 Apr 2018 18:48

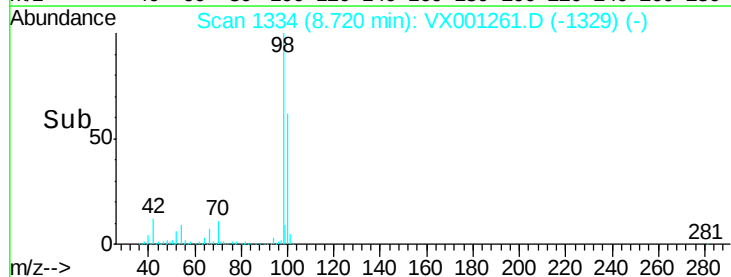
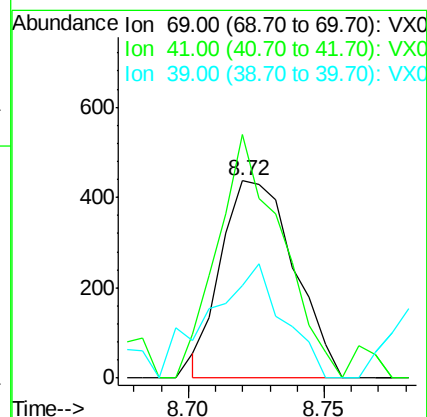
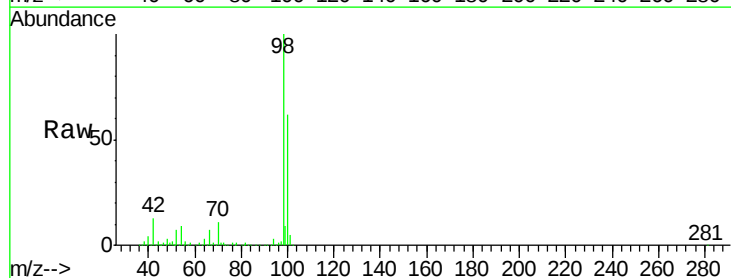
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBL01

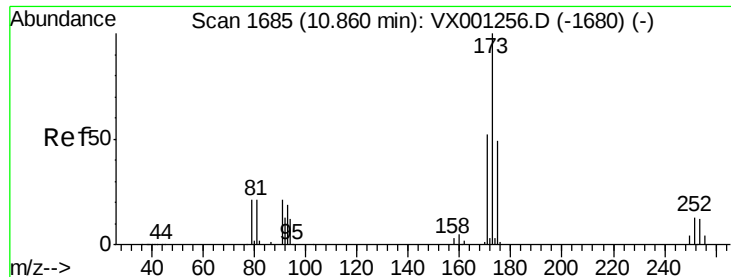
Tgt Ion: 114 Resp: 200715
 Ion Ratio Lower Upper
 114 100
 63 19.1 15.0 22.4
 88 14.5 11.8 17.8



#51
 Ethyl methacrylate
 Concen: 0.24 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.47 min
 Lab File: VX001261.D
 Acq: 30 Apr 2018 18:48

Tgt Ion: 69 Resp: 810
 Ion Ratio Lower Upper
 69 100
 41 123.3 32.1 96.3#
 39 47.1 19.6 58.7

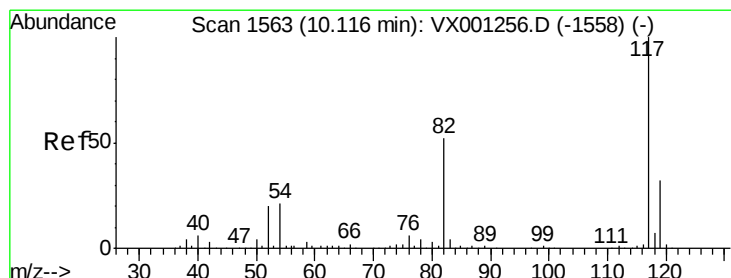
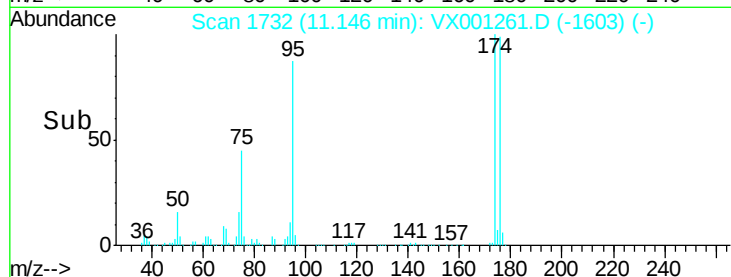
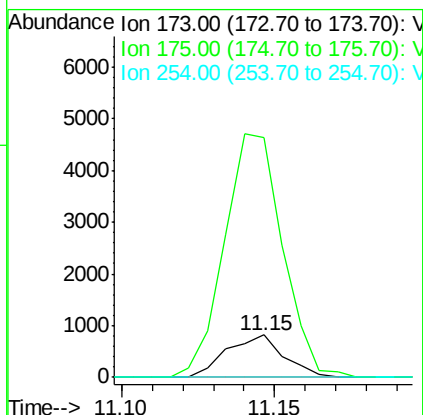
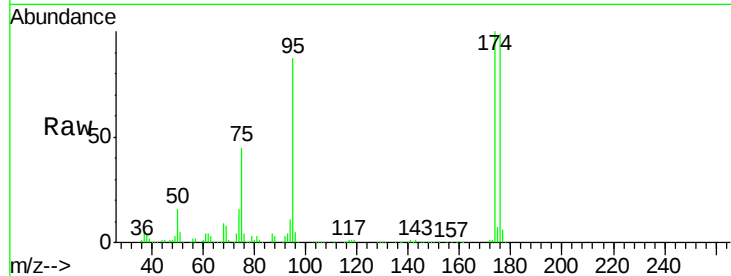




#56
Bromoform
Concen: 0.50 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.29 min
Lab File: VX001261.D
Acq: 30 Apr 2018 18:48

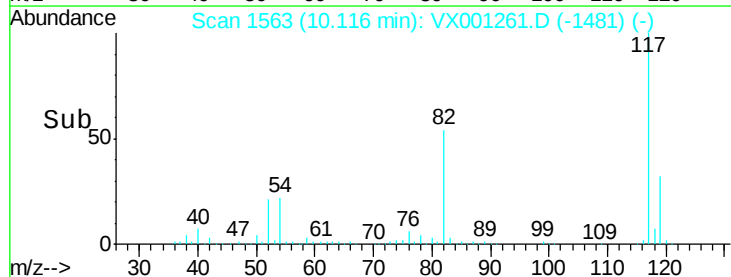
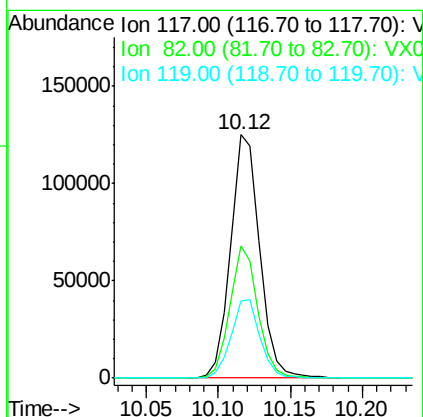
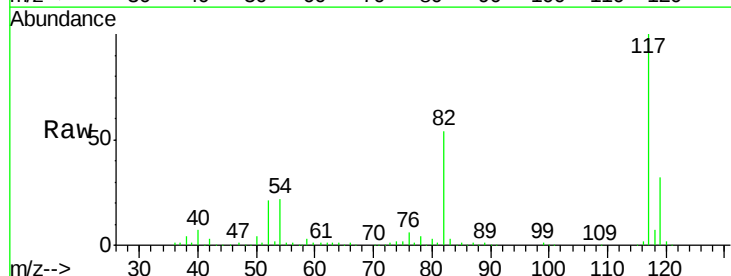
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

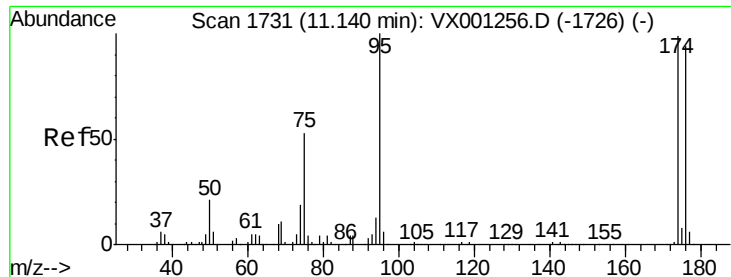
Tgt Ion:173 Resp: 1052
Ion Ratio Lower Upper
173 100
175 590.4 39.0 58.4#
254 0.0 7.0 10.4#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001261.D
Acq: 30 Apr 2018 18:48

Tgt Ion:117 Resp: 177661
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 32.4 25.8 38.8





#60

4-Bromofluorobenzene

Concen: 26.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001261.D

Acq: 30 Apr 2018 18:48

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBL01

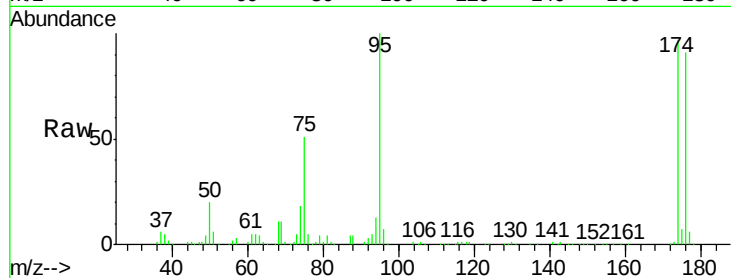
Tgt Ion: 95 Resp: 79155

Ion Ratio Lower Upper

95 100

174 104.0 71.1 106.7

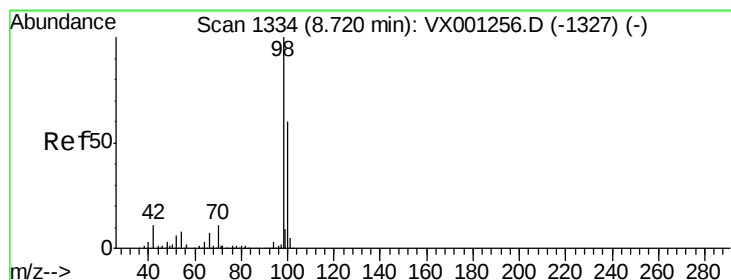
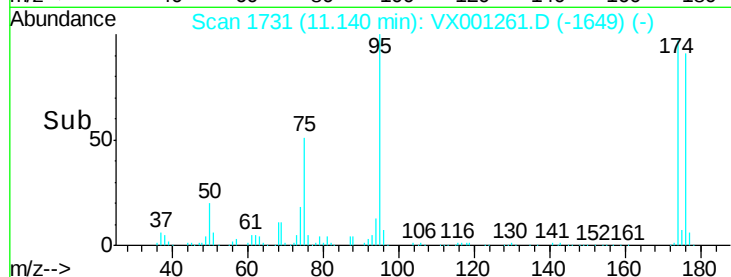
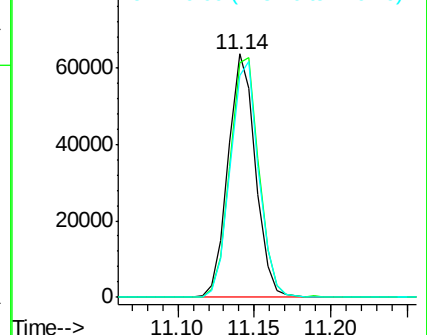
176 99.9 69.3 103.9



Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Toluene-d8

Concen: 30.28 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001261.D

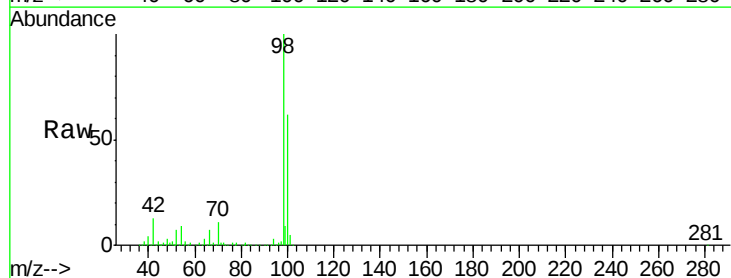
Acq: 30 Apr 2018 18:48

Tgt Ion: 98 Resp: 230692

Ion Ratio Lower Upper

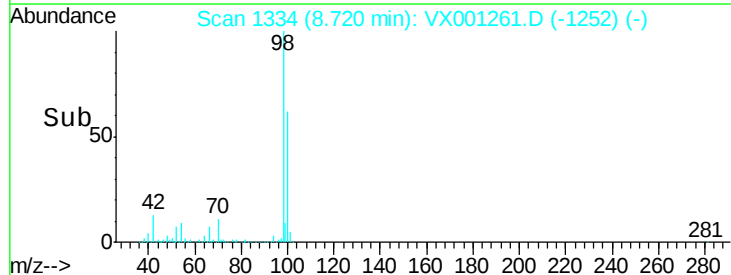
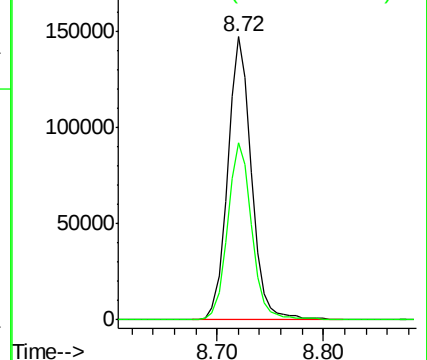
98 100

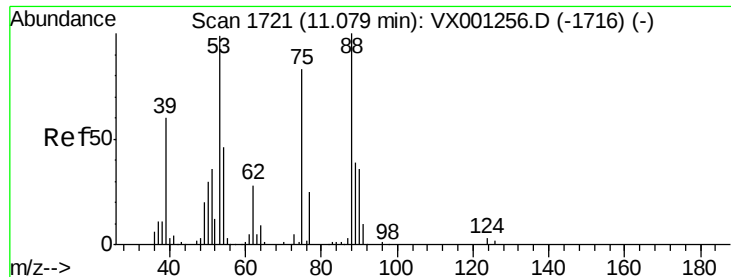
100 63.8 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#77
t-1,4-Dichloro-2-butene
Concen: 47.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001261.D
Acq: 30 Apr 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

Tgt Ion: 75 Resp: 40848
Ion Ratio Lower Upper
75 100
53 0.0 47.8 143.3#
89 0.0 22.3 66.8#

