

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031519\
 Data File : VX008103.D
 Acq On : 15 Mar 2019 13:02
 Operator : JC/SP
 Sample : VX0315WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBL01

Quant Time: Mar 15 13:21:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	42056	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	219027	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	188230	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	76775	27.77	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.57%
60) 4-Bromofluorobenzene	11.13	95	81984	27.29	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.97%
63) Toluene-d8	8.71	98	249650	28.98	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.60%

Target Compounds

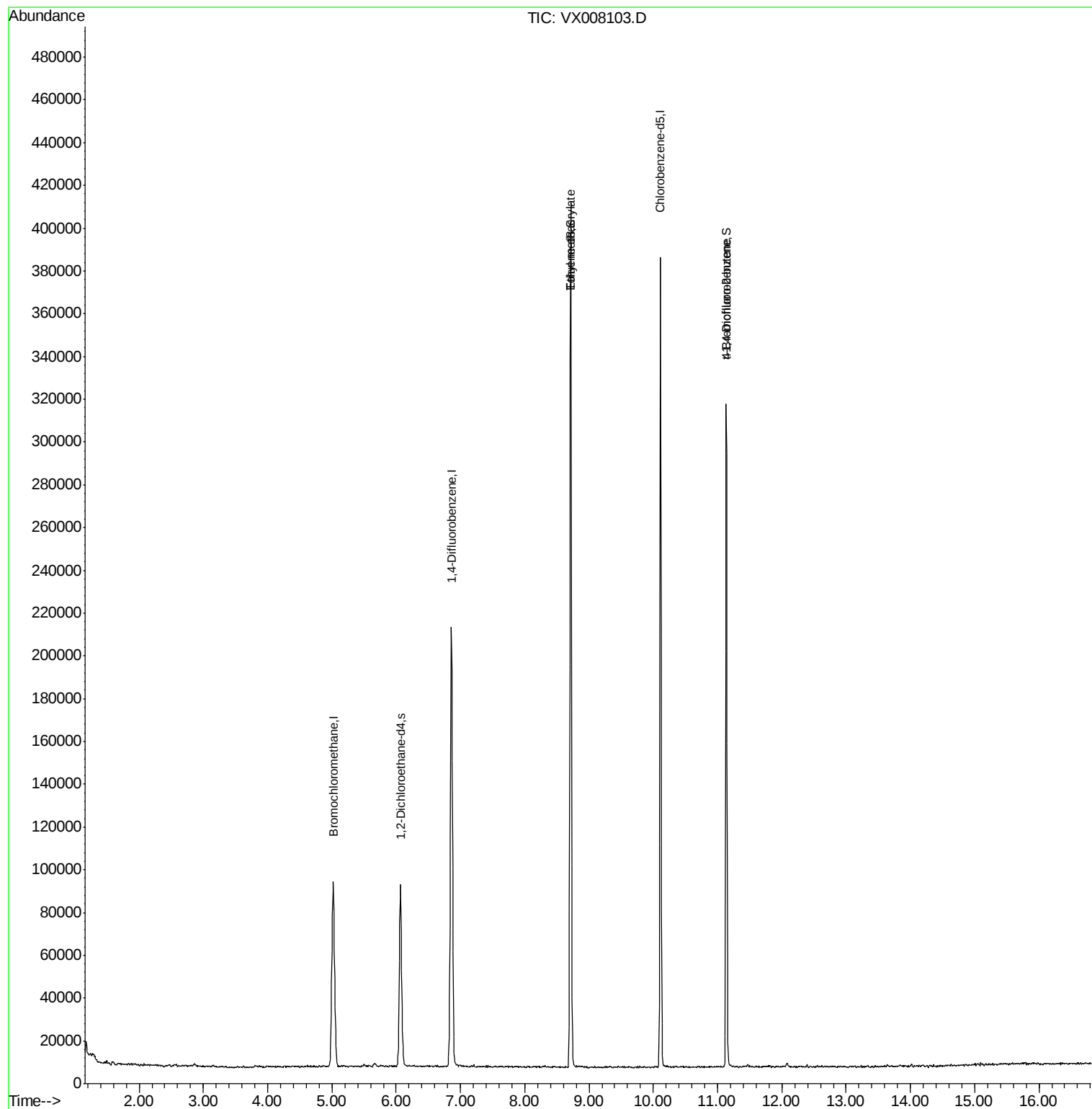
					Qvalue
51) Ethyl methacrylate	8.72	69	969	0.238	ug/l 94
77) t-1,4-Dichloro-2-butene	11.13	75	36437	32.251	ug/l # 5

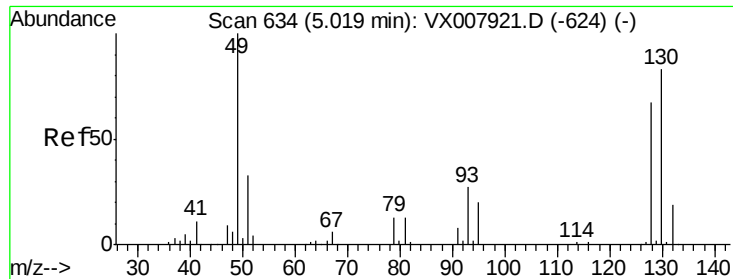
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 12:01:36 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX008103.D

Acq: 15 Mar 2019 13:02

Instrument :

MSVOA_X

ClientSampled :

VX0315WBL01

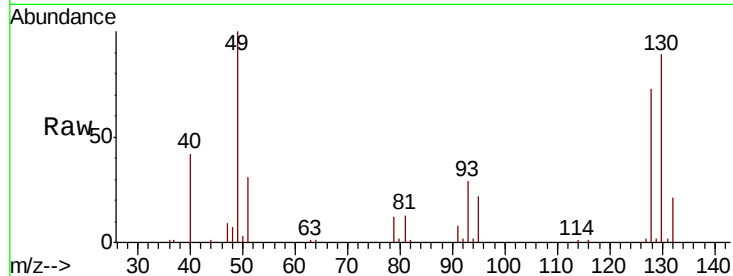
Tgt Ion:128 Resp: 42056

Ion Ratio Lower Upper

128 100

49 135.7 0.0 350.8

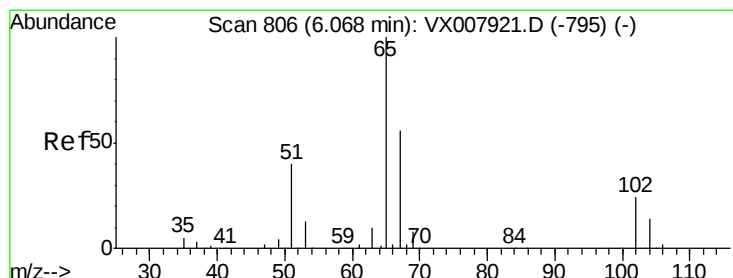
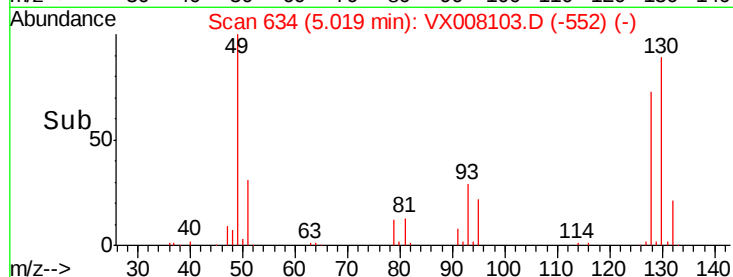
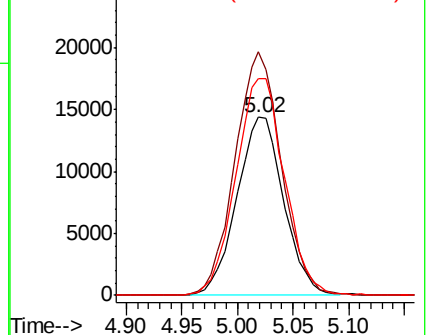
130 126.3 0.0 325.8



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



#27

1,2-Dichloroethane-d4

Concen: 27.774 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008103.D

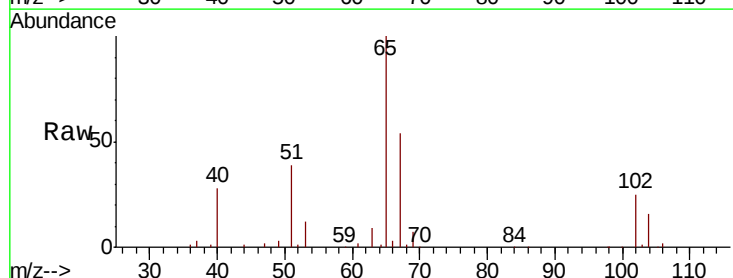
Acq: 15 Mar 2019 13:02

Tgt Ion: 65 Resp: 76775

Ion Ratio Lower Upper

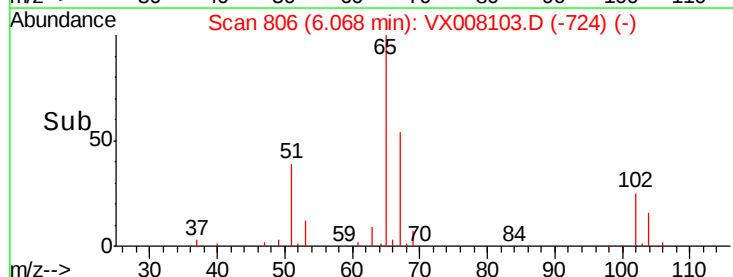
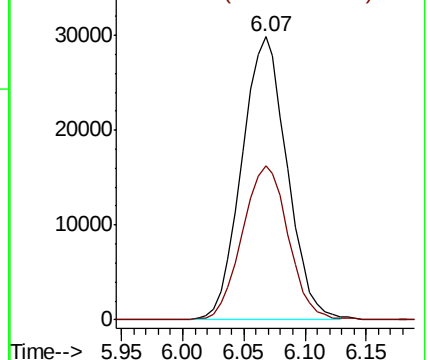
65 100

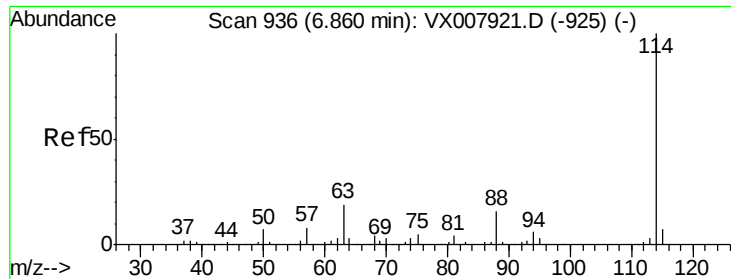
67 55.4 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

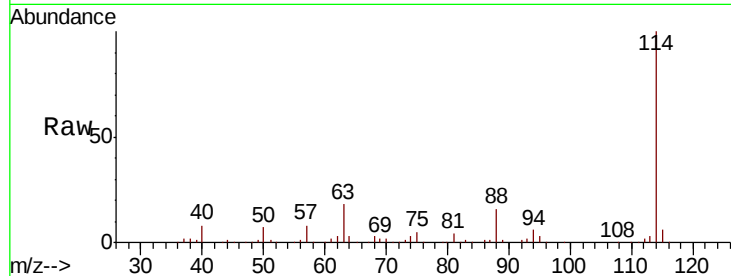




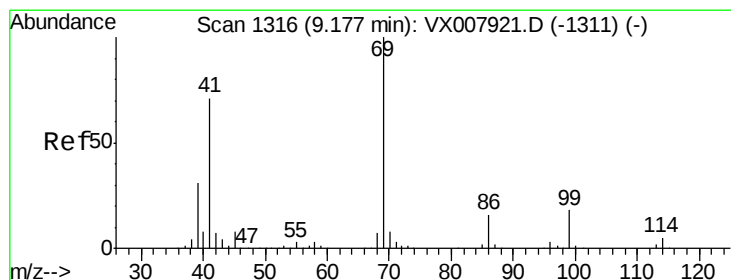
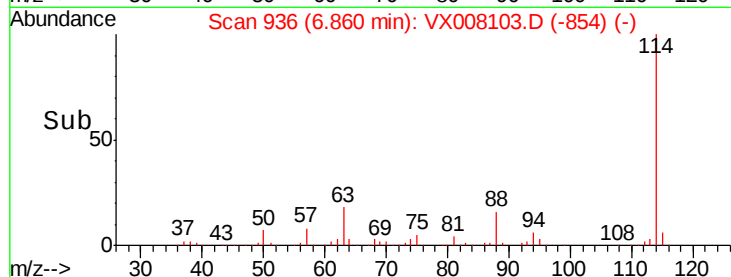
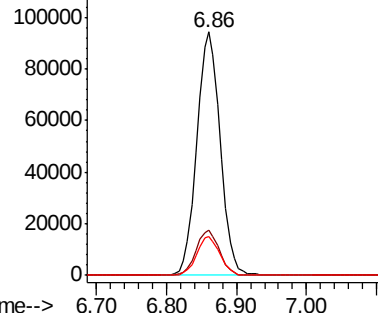
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008103.D
 Acq: 15 Mar 2019 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBL01

Tgt Ion: 114 Resp: 219027
 Ion Ratio Lower Upper
 114 100
 63 18.5 14.2 21.4
 88 15.6 11.9 17.9

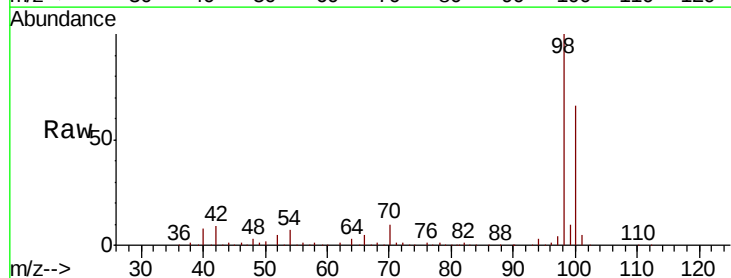


Abundance Ion 114.00 (113.70 to 114.70): VX0
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 88.00 (87.70 to 88.70): VX0

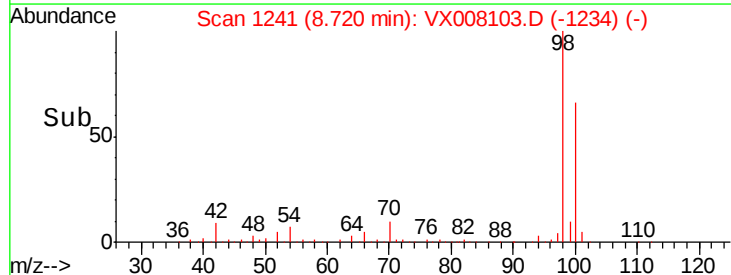
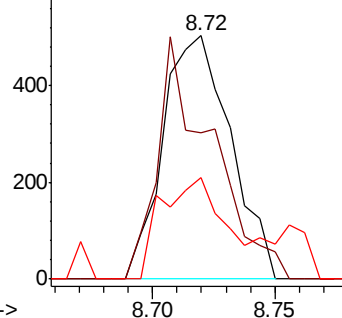


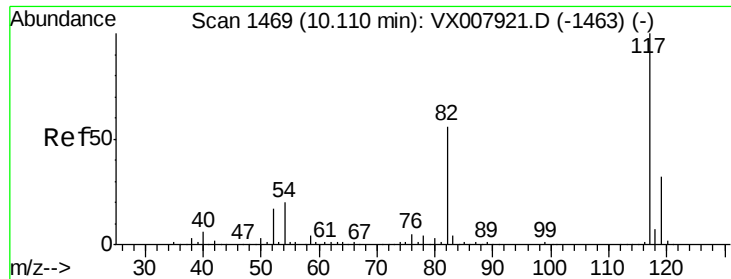
#51
 Ethyl methacrylate
 Concen: 0.238 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. -0.46 min
 Lab File: VX008103.D
 Acq: 15 Mar 2019 13:02

Tgt Ion: 69 Resp: 969
 Ion Ratio Lower Upper
 69 100
 41 59.8 32.1 96.5
 39 41.9 18.8 56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

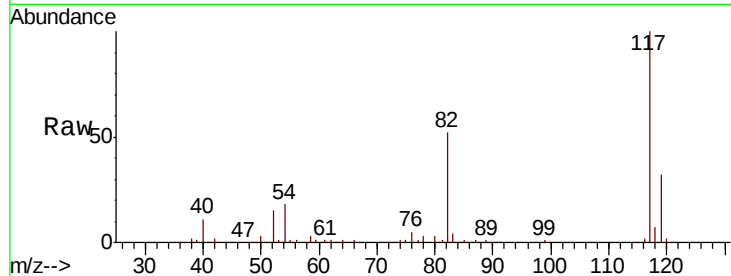




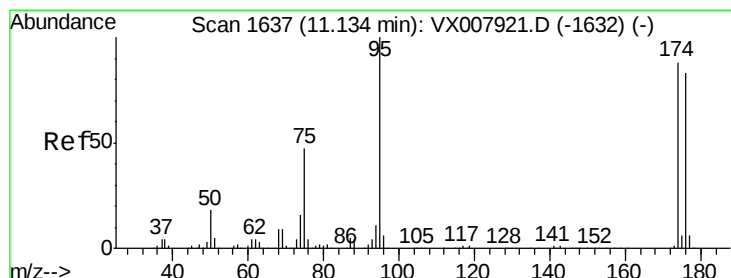
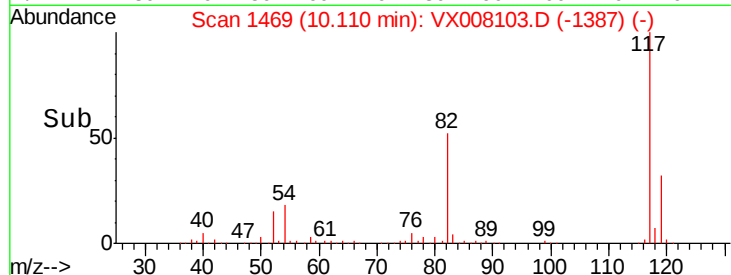
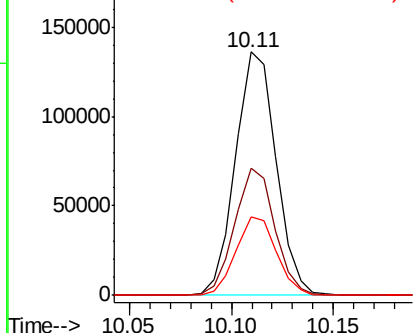
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008103.D
Acq: 15 Mar 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBL01

Tgt Ion: 117 Resp: 188230
Ion Ratio Lower Upper
117 100
82 51.8 40.4 60.6
119 32.6 25.8 38.6

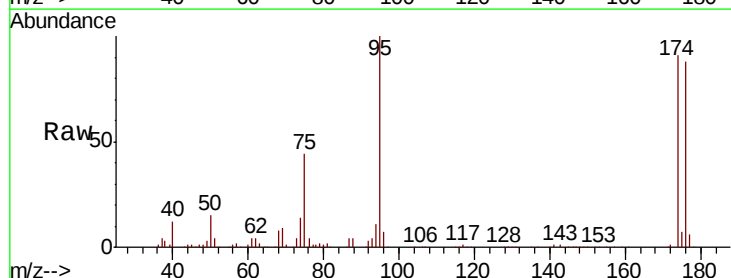


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

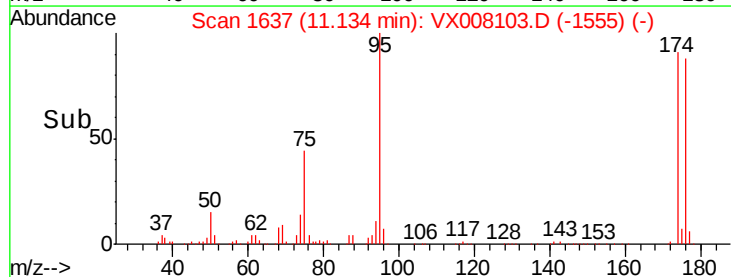
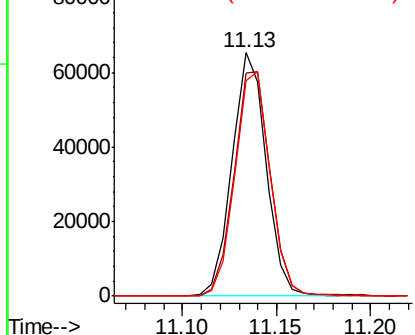


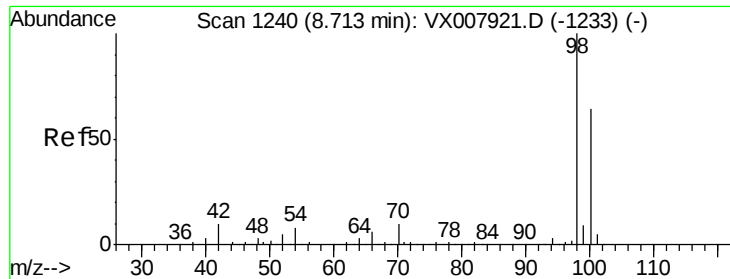
#60
4-Bromofluorobenzene
Concen: 27.288 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008103.D
Acq: 15 Mar 2019 13:02

Tgt Ion: 95 Resp: 81984
Ion Ratio Lower Upper
95 100
174 97.9 74.9 112.3
176 95.5 70.7 106.1



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: 28.981 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008103.D

Acq: 15 Mar 2019 13:02

Instrument :

MSVOA_X

ClientSampleId :

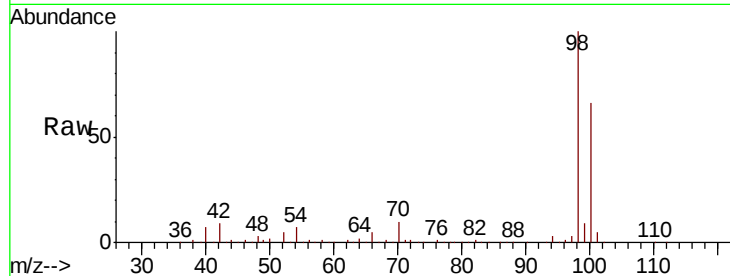
VX0315WBL01

Tgt Ion: 98 Resp: 249650

Ion Ratio Lower Upper

98 100

100 65.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

150000

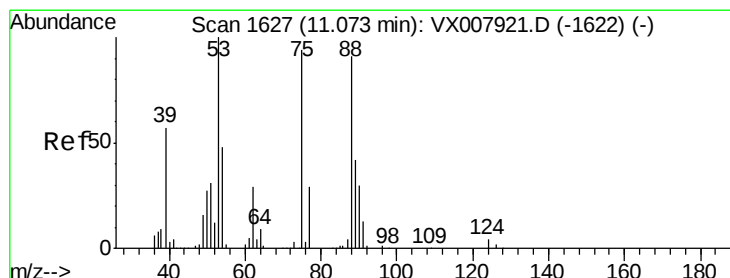
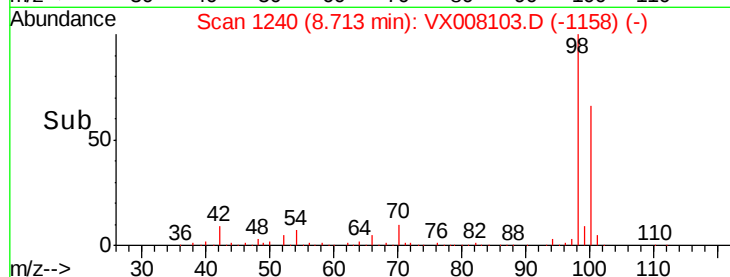
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 32.251 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008103.D

Acq: 15 Mar 2019 13:02

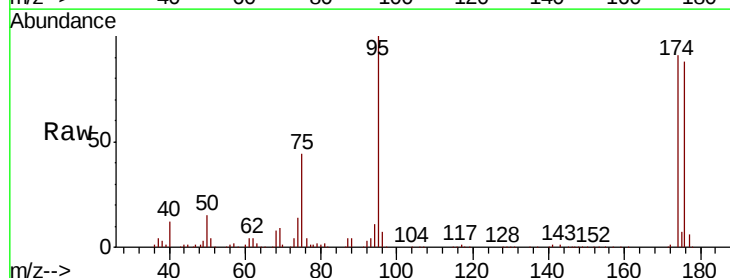
Tgt Ion: 75 Resp: 36437

Ion Ratio Lower Upper

75 100

53 0.0 55.5 166.7#

89 0.0 24.4 73.2#



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

40000

30000

20000

10000

0

11.10 11.15

Time-->

