

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022318\
 Data File : VX000137.D
 Acq On : 23 Feb 2018 16:46
 Operator : JC/MD
 Sample : VX0223WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0223WBL01

Quant Time: Feb 24 01:20:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	23065	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	139399	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	129728	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	55400	31.04	ug/l	-0.01
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.47%
60) 4-Bromofluorobenzene	11.15	95	60945	28.72	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.73%
63) Toluene-d8	8.72	98	170601	30.70	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.33%

Target Compounds

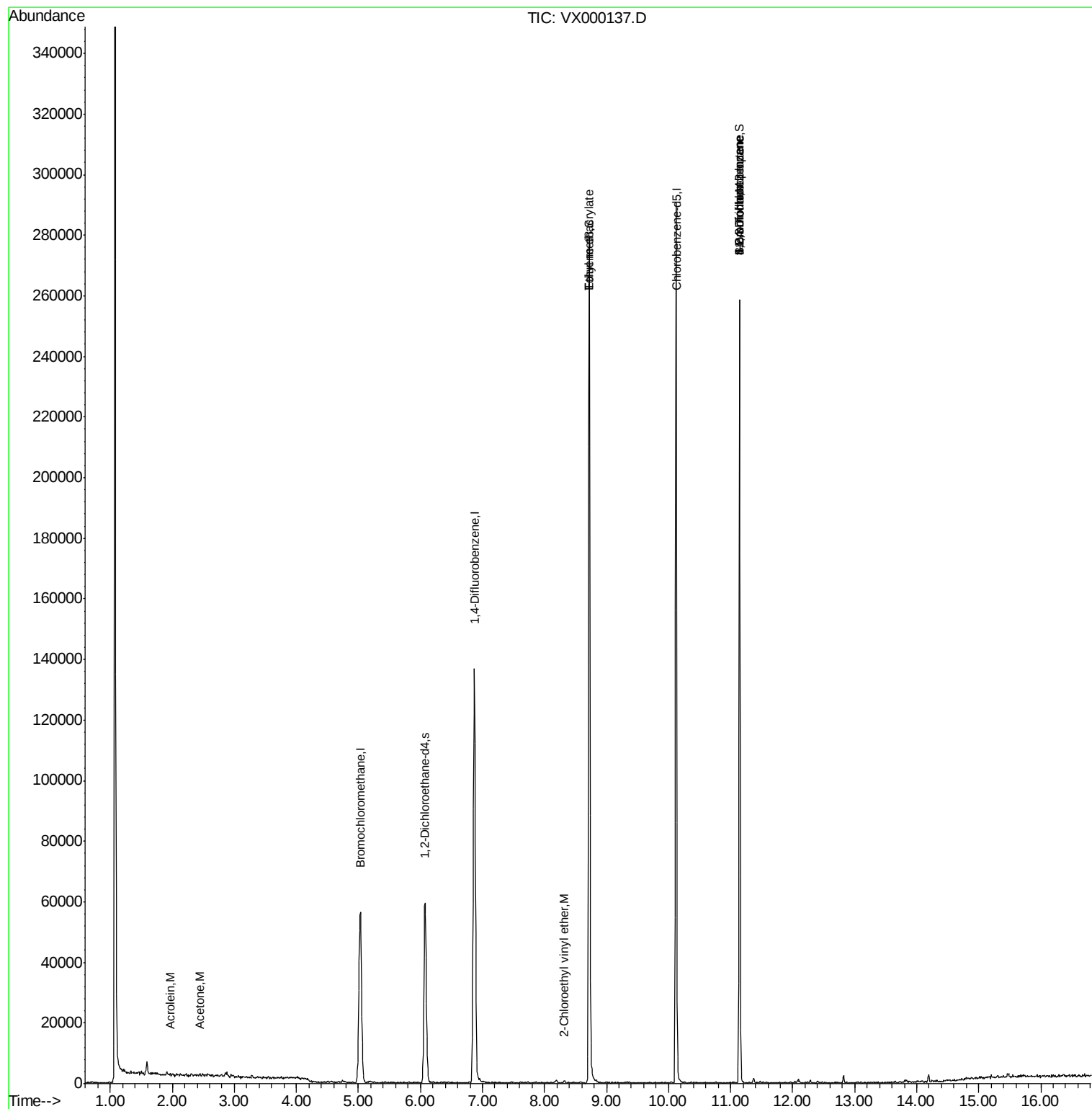
						Qvalue
13) Acrolein	1.96	56	69	0.21	ug/l	96
15) Acetone	2.45	58	88	0.23	ug/l	81
51) Ethyl methacrylate	8.73	69	694	0.27	ug/l	78
55) 2-Chloroethyl vinyl ether	8.32	63	279	0.25	ug/l #	72
56) Bromoform	11.14	173	557	0.37	ug/l #	1
72) 1,2,3-Trichloropropane	11.15	75	33906	13.85	ug/l	35
77) t-1,4-Dichloro-2-butene	11.15	75	33906	39.17	ug/l #	11

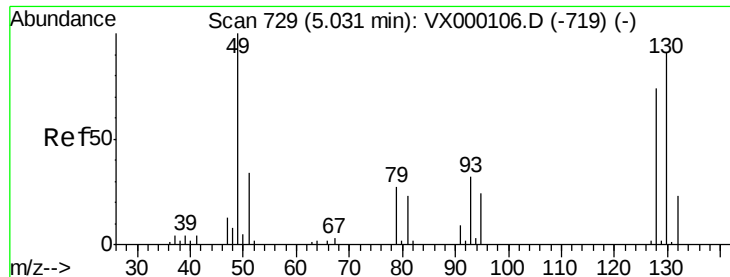
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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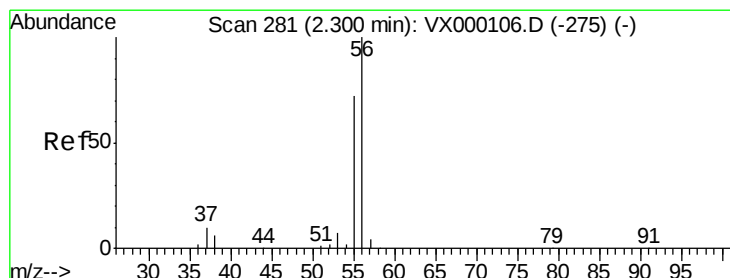
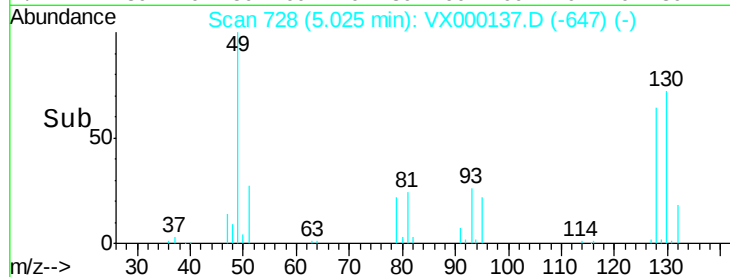
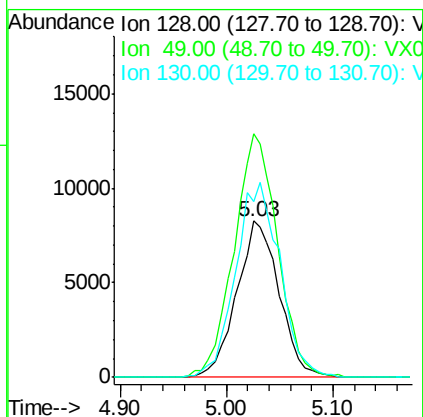
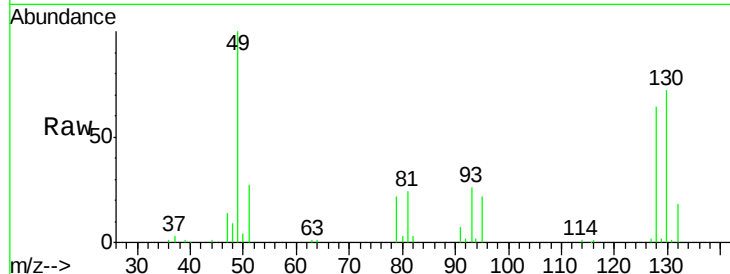




#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX000137.D
 Acq: 23 Feb 2018 16:46

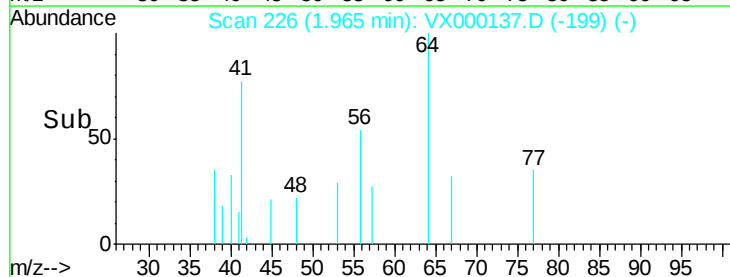
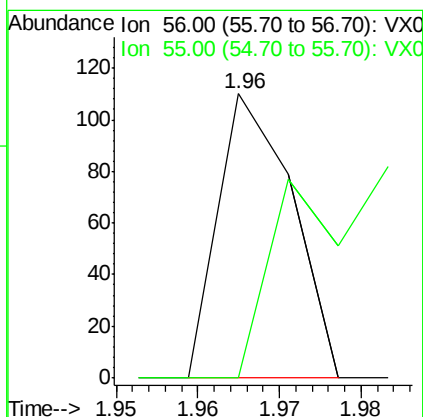
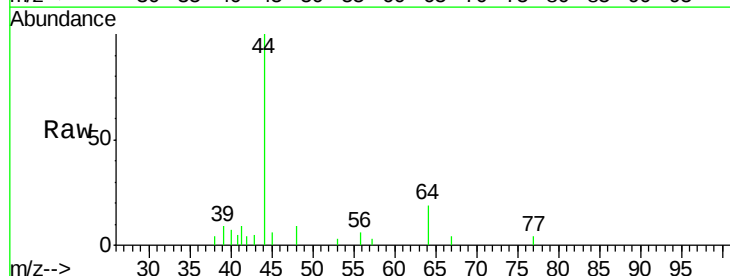
Instrument :
 ClientSampled :
 VX0223WBL01

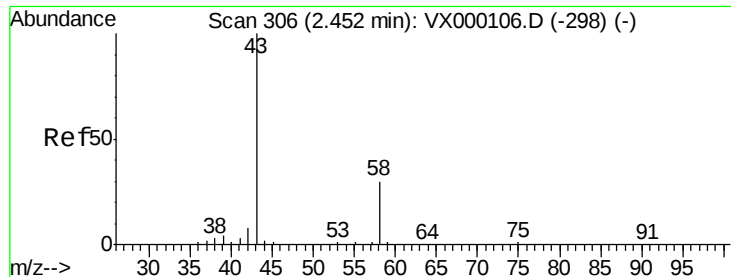
Tgt Ion:128 Resp: 23065
 Ion Ratio Lower Upper
 128 100
 49 160.2 0.0 378.3
 130 130.8 0.0 324.3



#13
 Acrolein
 Concen: 0.21 ug/l
 RT: 1.96 min Scan# 226
 Delta R.T. -0.34 min
 Lab File: VX000137.D
 Acq: 23 Feb 2018 16:46

Tgt Ion: 56 Resp: 69
 Ion Ratio Lower Upper
 56 100
 55 68.1 57.3 85.9





#15

Acetone

Concen: 0.23 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000137.D

Acq: 23 Feb 2018 16:46

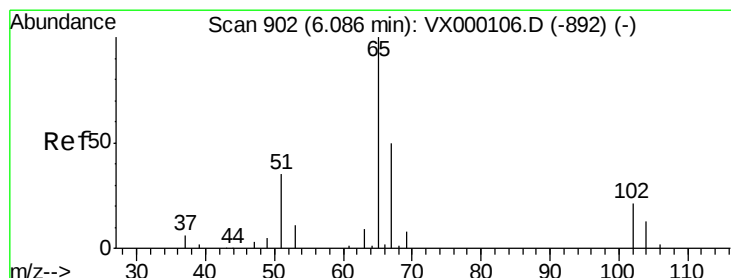
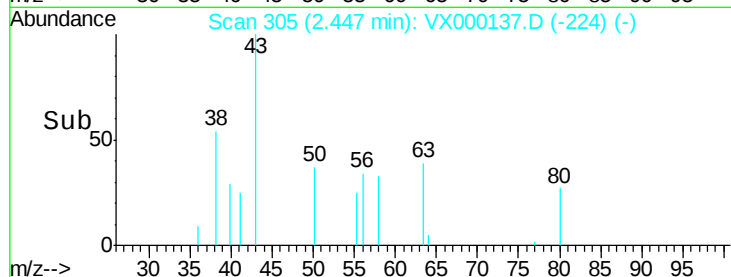
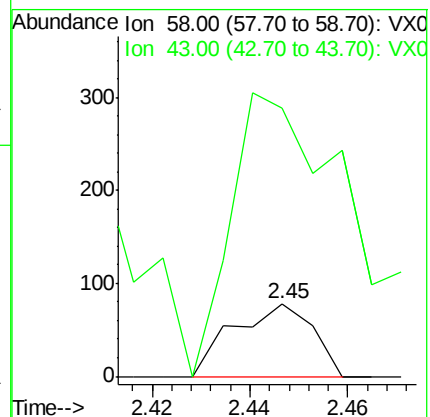
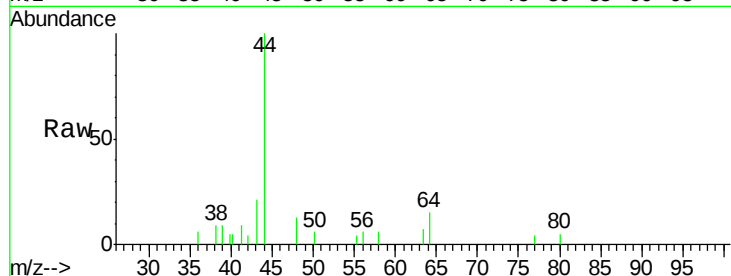
Instrument :
ClientSampleId :
VX0223WBL01

Tgt Ion: 58 Resp: 88

Ion Ratio Lower Upper

58 100

43 370.5 264.6 396.8



#27

1,2-Dichloroethane-d4

Concen: 31.04 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000137.D

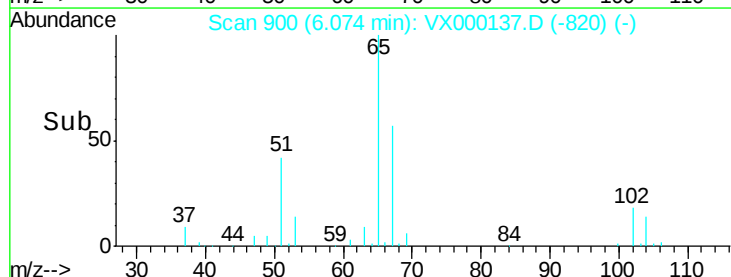
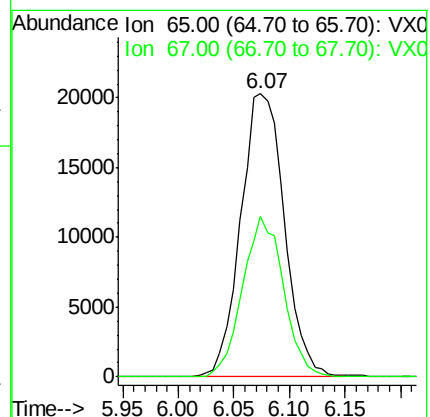
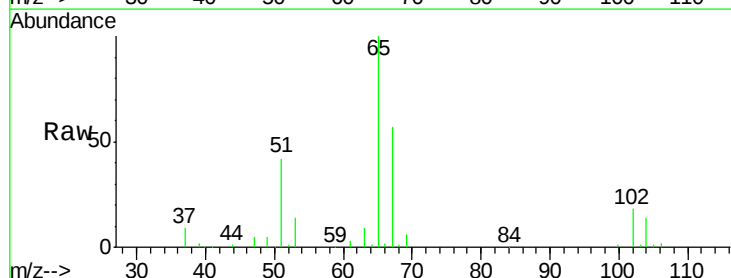
Acq: 23 Feb 2018 16:46

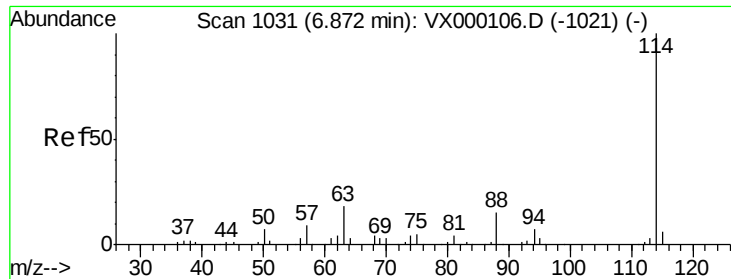
Tgt Ion: 65 Resp: 55400

Ion Ratio Lower Upper

65 100

67 53.0 41.4 62.2

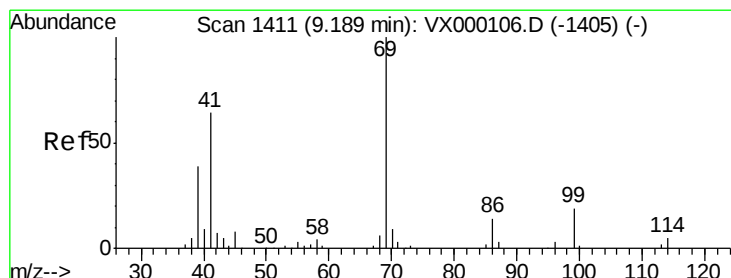
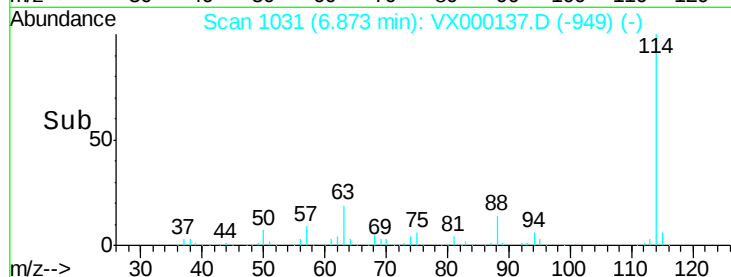
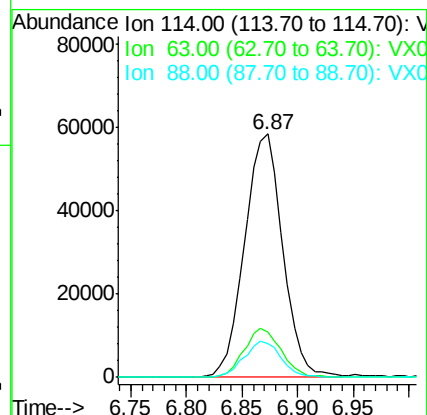
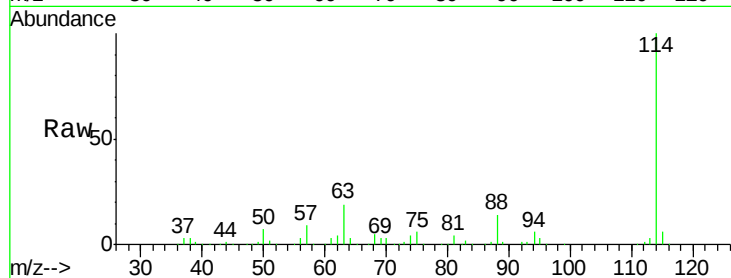




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000137.D
 Acq: 23 Feb 2018 16:46

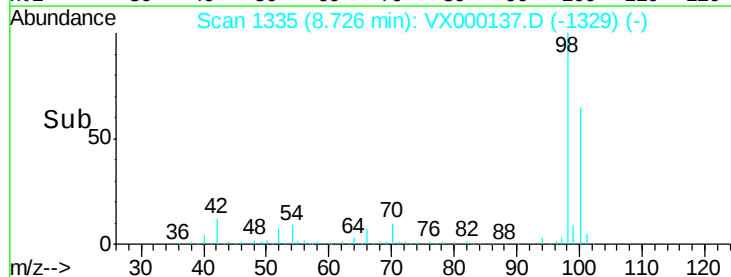
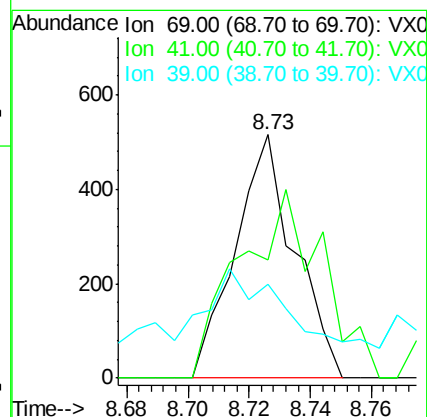
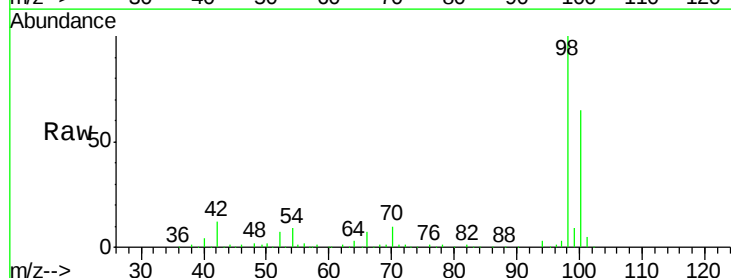
Instrument :
 ClientSampleId :
 VX0223WBL01

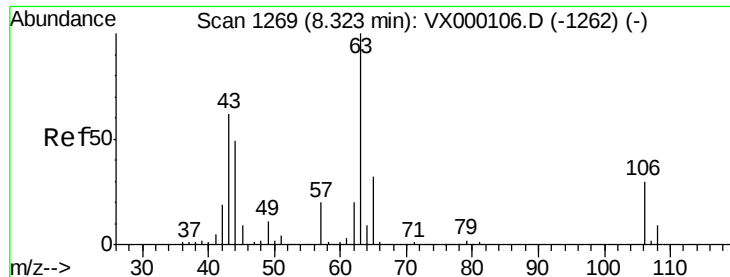
Tgt Ion: 114 Resp: 139399
 Ion Ratio Lower Upper
 114 100
 63 19.5 15.0 22.4
 88 14.5 11.8 17.8



#51
 Ethyl methacrylate
 Concen: 0.27 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.46 min
 Lab File: VX000137.D
 Acq: 23 Feb 2018 16:46

Tgt Ion: 69 Resp: 694
 Ion Ratio Lower Upper
 69 100
 41 48.4 32.1 96.3
 39 23.8 19.6 58.7

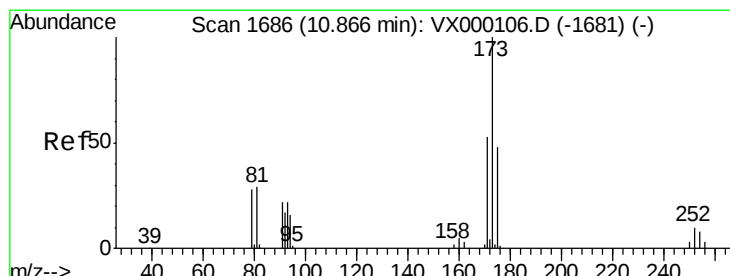
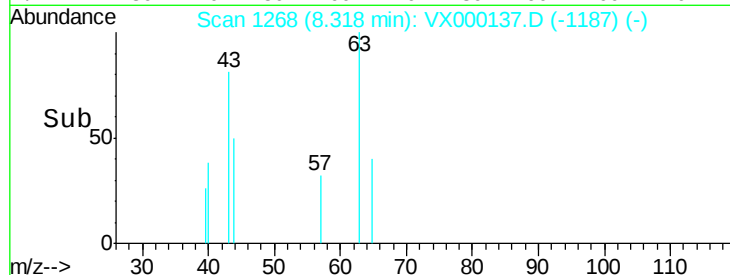
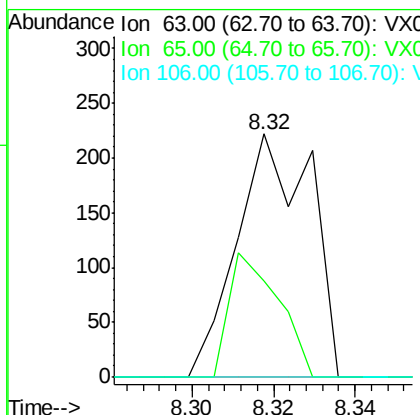
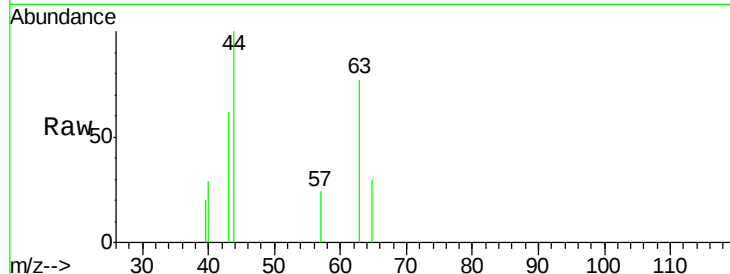




#55
2-Chloroethyl vinyl ether
Concen: 0.25 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX000137.D
Acq: 23 Feb 2018 16:46

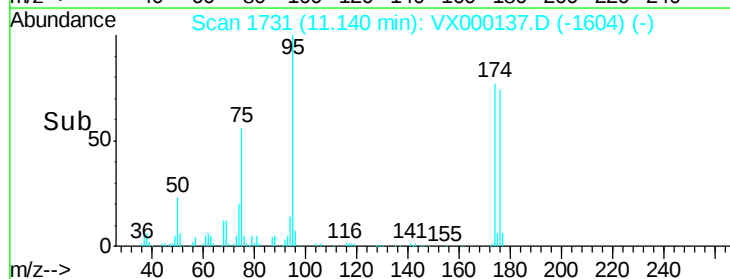
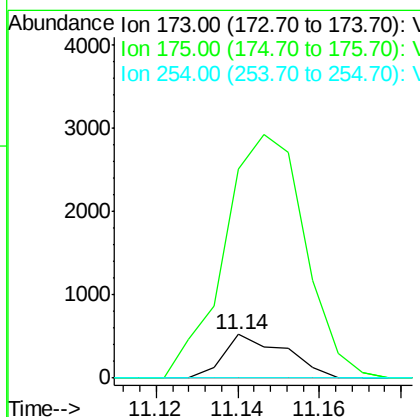
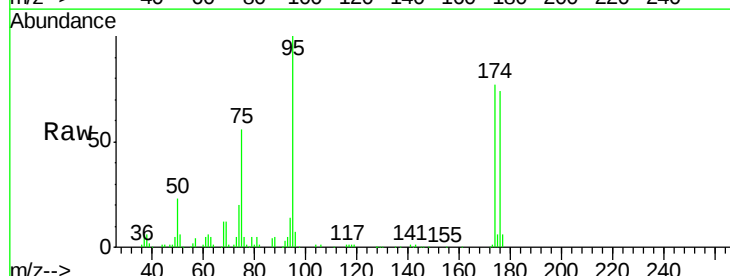
Instrument :
ClientSampleId :
VX0223WBL01

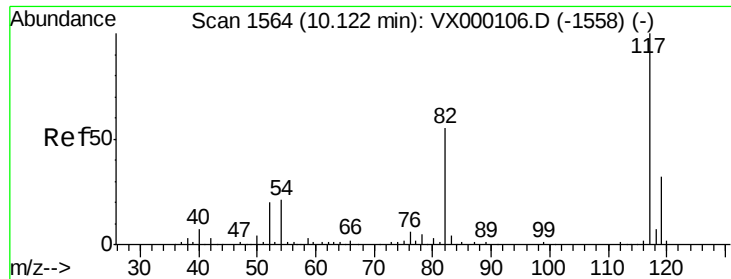
Tgt Ion: 63 Resp: 279
Ion Ratio Lower Upper
63 100
65 34.1 25.8 38.8
106 0.0 23.8 35.6#



#56
Bromoform
Concen: 0.37 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.27 min
Lab File: VX000137.D
Acq: 23 Feb 2018 16:46

Tgt Ion: 173 Resp: 557
Ion Ratio Lower Upper
173 100
175 722.4 39.0 58.4#
254 0.0 7.0 10.4#

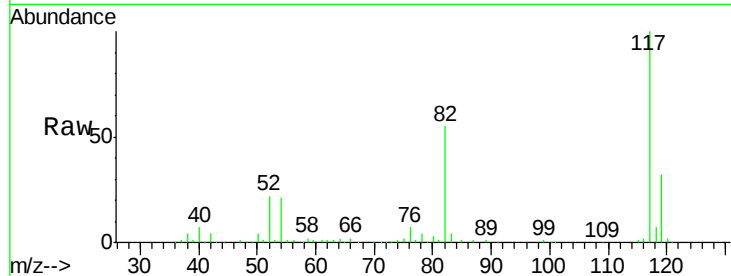




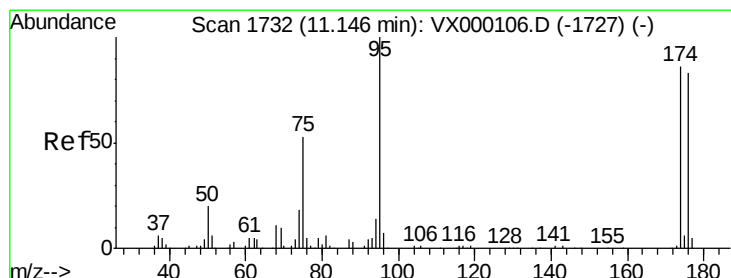
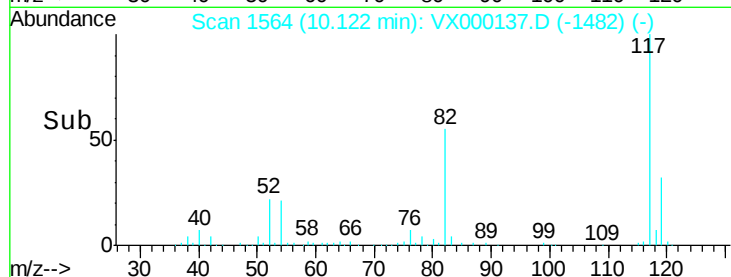
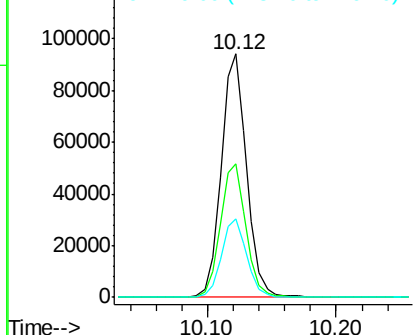
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000137.D
Acq: 23 Feb 2018 16:46

Instrument :
ClientSampleId :
VX0223WBL01

Tgt Ion: 117 Resp: 129728
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.1 25.8 38.8

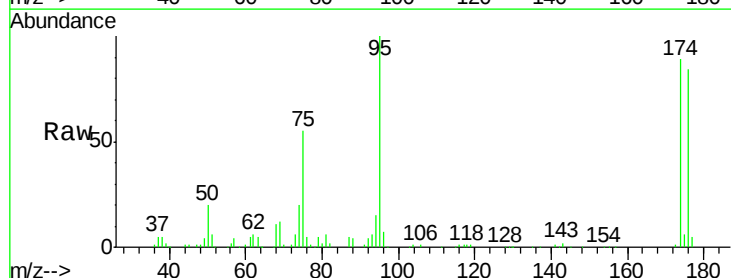


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

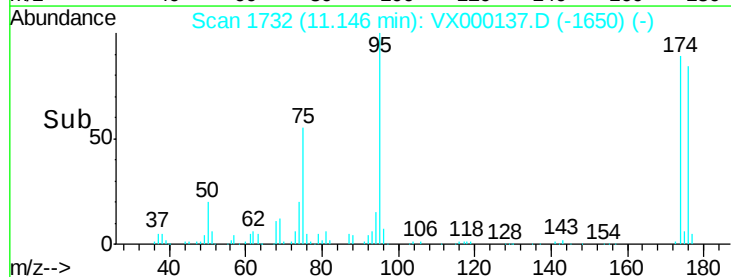
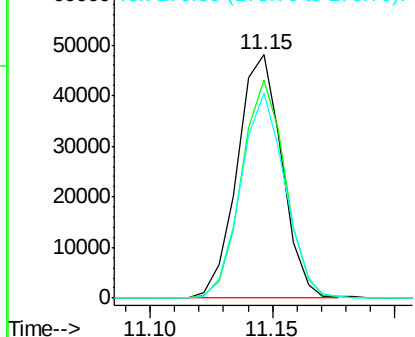


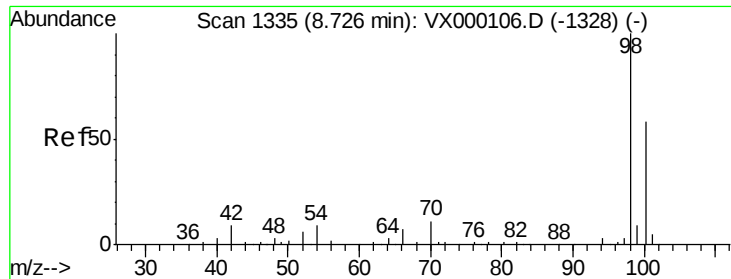
#60
4-Bromofluorobenzene
Concen: 28.72 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000137.D
Acq: 23 Feb 2018 16:46

Tgt Ion: 95 Resp: 60945
Ion Ratio Lower Upper
95 100
174 87.6 71.1 106.7
176 83.9 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: 30.70 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000137.D

Acq: 23 Feb 2018 16:46

Instrument :

ClientSampled :

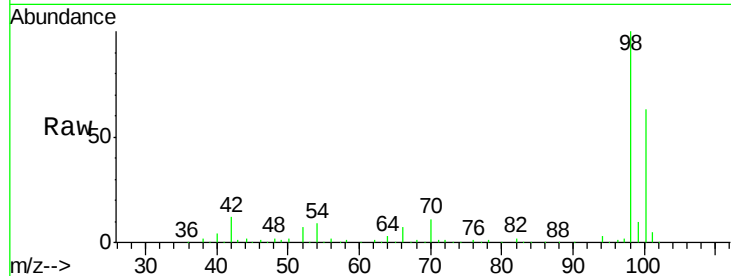
VX0223WBL01

Tgt Ion: 98 Resp: 170601

Ion Ratio Lower Upper

98 100

100 63.2 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

120000

100000

80000

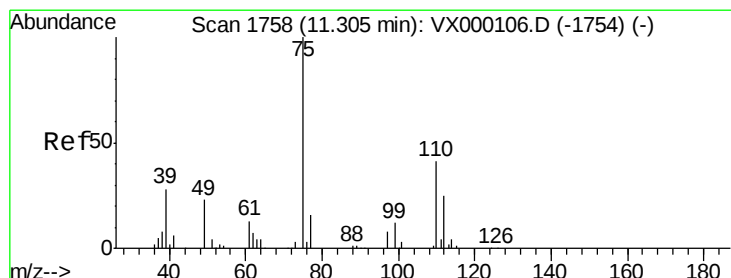
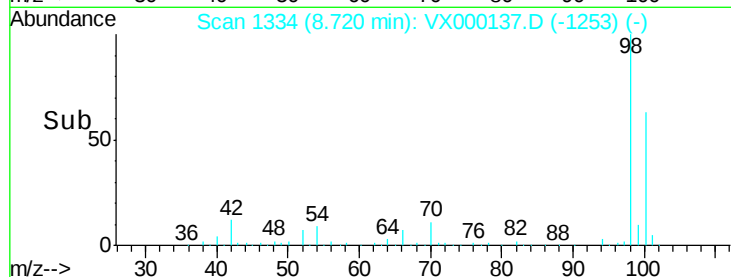
60000

40000

20000

0

Time-->



#72

1,2,3-Trichloropropane

Concen: 13.85 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000137.D

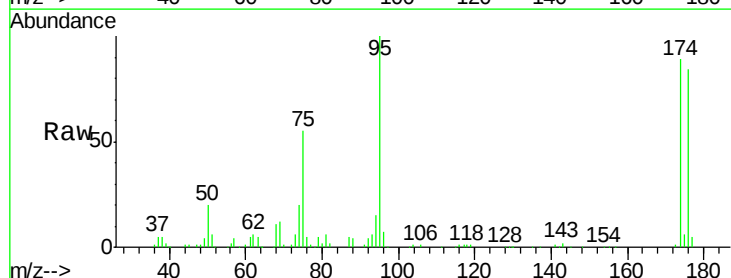
Acq: 23 Feb 2018 16:46

Tgt Ion: 75 Resp: 33906

Ion Ratio Lower Upper

75 100

77 1.5 0.0 85.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.15

30000

25000

20000

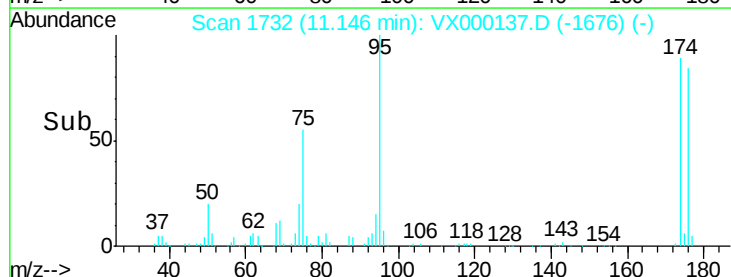
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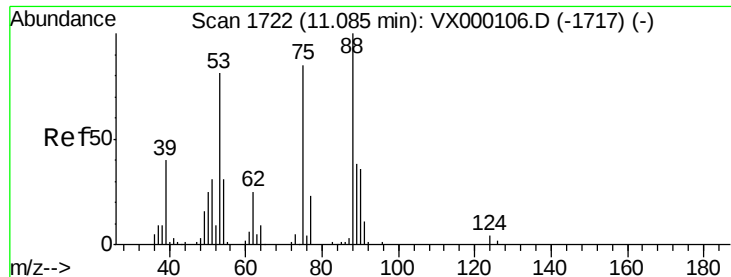
10000

5000

0

Time-->





#77
 t-1,4-Dichloro-2-butene
 Concen: 39.17 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000137.D
 Acq: 23 Feb 2018 16:46

Instrument :
 ClientSampleId :
 VX0223WBL01

Tgt Ion: 75 Resp: 33906
 Ion Ratio Lower Upper
 75 100
 53 0.0 47.8 143.3#
 89 0.0 22.3 66.8#

