

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000220.D
 Acq On : 08 Mar 2018 13:22
 Operator : JC/MD
 Sample : J1791-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001M-WILLETS-PT-BLVD(MAR)

Quant Time: Mar 08 16:00:45 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	20607	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	118721	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	110709	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	50214	31.49	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.97%
60) 4-Bromofluorobenzene	11.15	95	52809	29.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.20%
63) Toluene-d8	8.73	98	144665	30.51	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.70%

Target Compounds

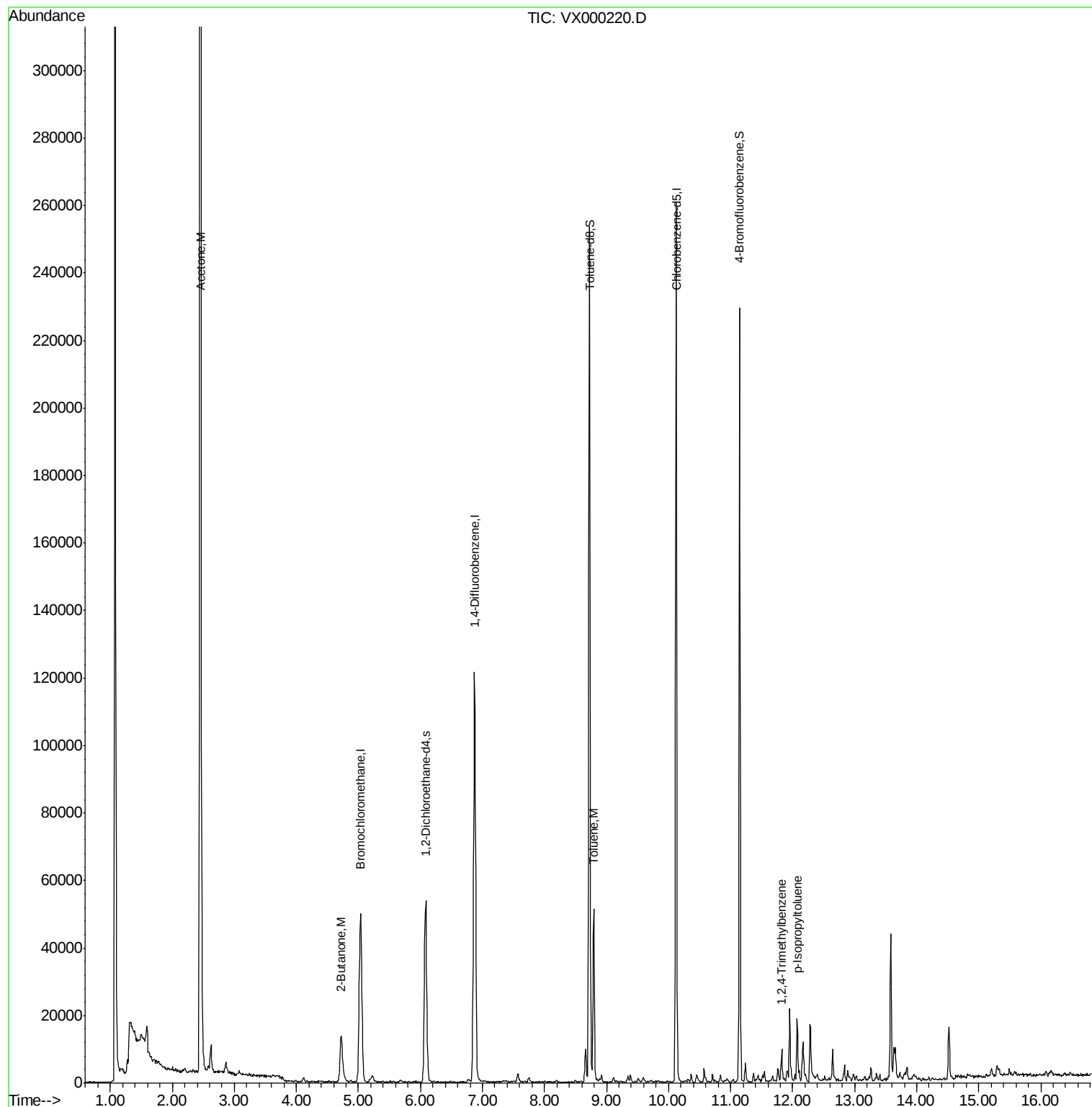
						Ovalue
15) Acetone	2.45	58	137896	396.70	ug/l	99
30) 2-Butanone	4.72	43	24931	18.73	ug/l #	77
62) Toluene	8.79	91	31165	5.41	ug/l	98
80) 1,2,4-Trimethylbenzene	11.82	105	2457	0.42	ug/l	66
82) p-Isopropyltoluene	12.07	119	7447	1.18	ug/l	94

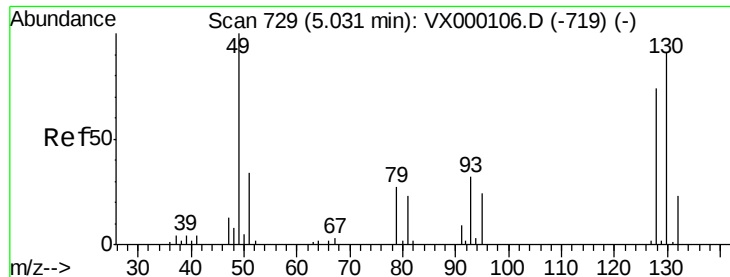
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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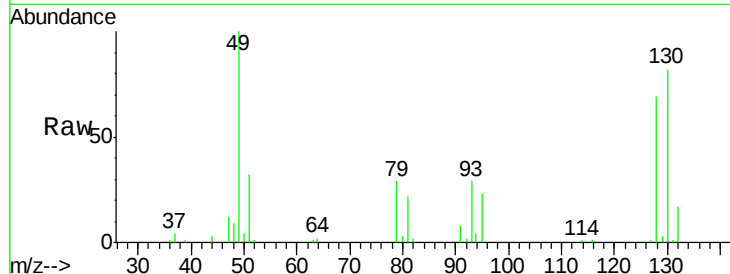




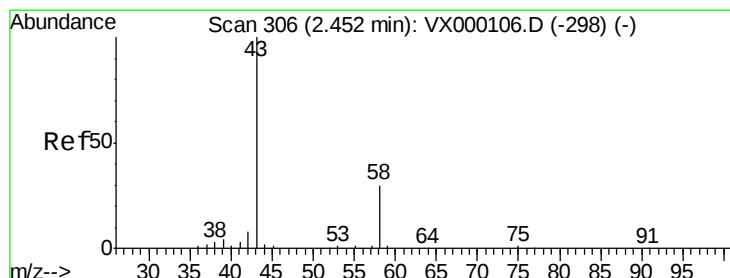
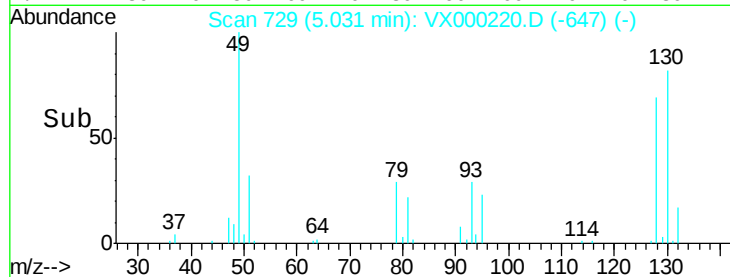
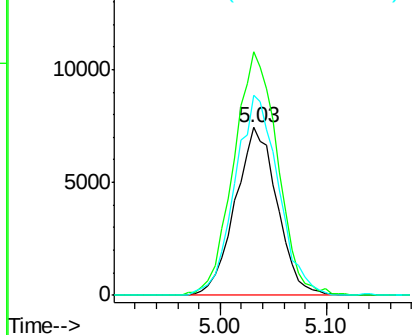
#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VX000220.D
 Acq: 08 Mar 2018 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 001M-WILLETS-PT-BLVD(MAR)

Tot Ion:128 Resp: 20607
 Ion Ratio Lower Upper
 128 100
 49 151.2 0.0 378.3
 130 123.2 0.0 324.3

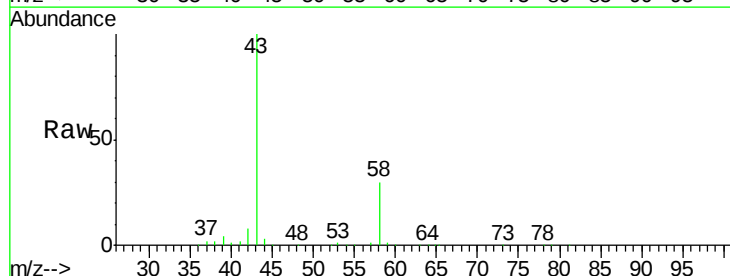


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V

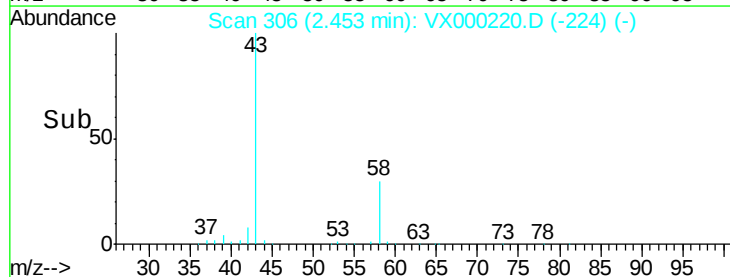
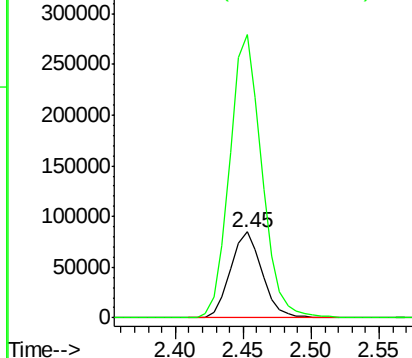


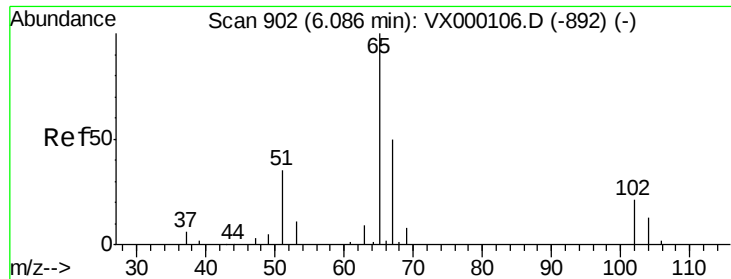
#15
 Acetone
 Concen: 396.70 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX000220.D
 Acq: 08 Mar 2018 13:22

Tgt Ion: 58 Resp: 137896
 Ion Ratio Lower Upper
 58 100
 43 328.7 264.6 396.8



Abundance Ion 58.00 (57.70 to 58.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 31.49 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000220.D

Acq: 08 Mar 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

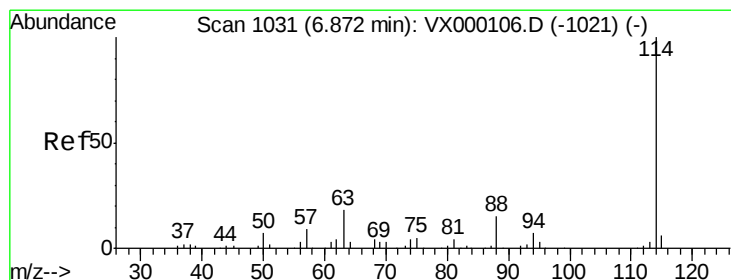
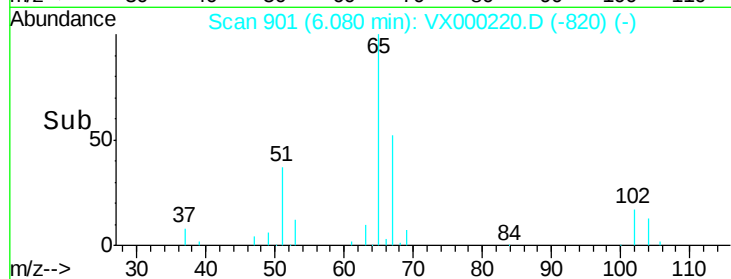
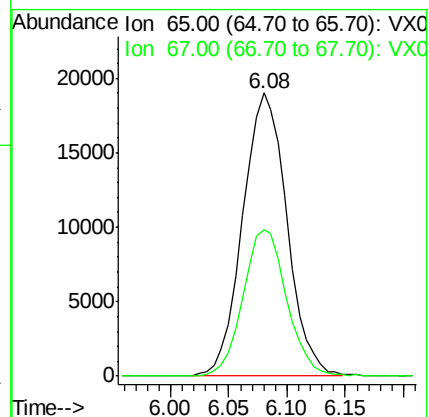
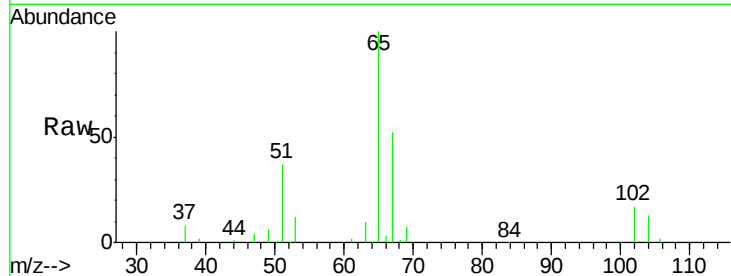
001M-WILLETS-PT-BLVD(MAR)

Tot Ion: 65 Resp: 50214

Ion Ratio Lower Upper

65 100

67 51.0 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: VX000220.D

Acq: 08 Mar 2018 13:22

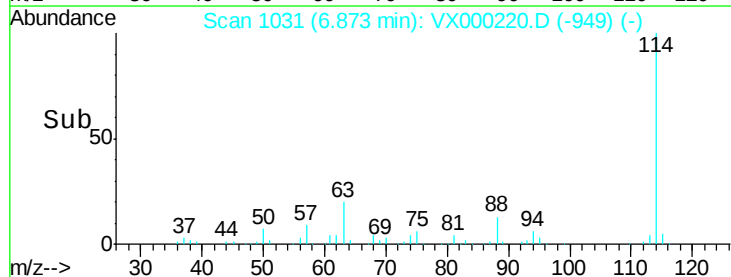
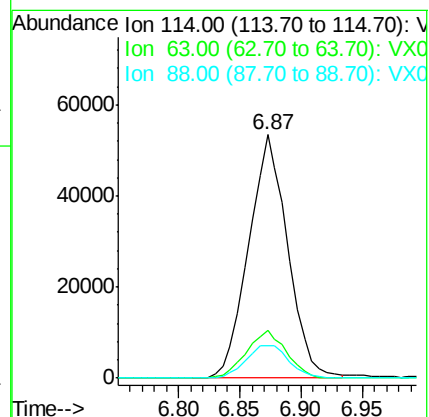
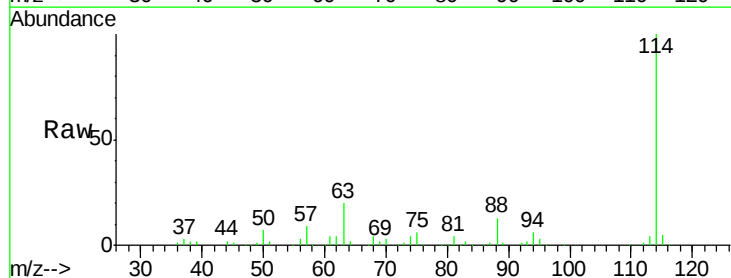
Tgt Ion: 114 Resp: 118721

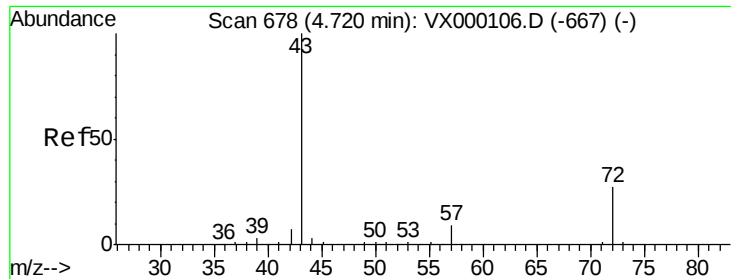
Ion Ratio Lower Upper

114 100

63 20.1 15.0 22.4

88 14.8 11.8 17.8

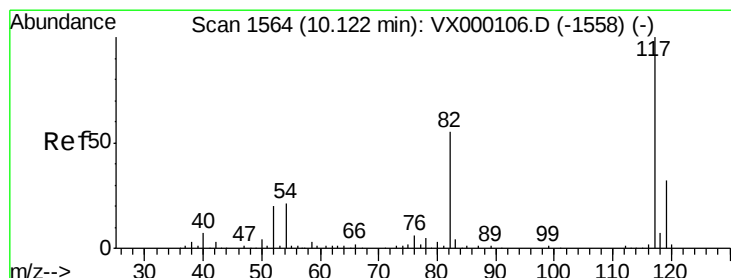
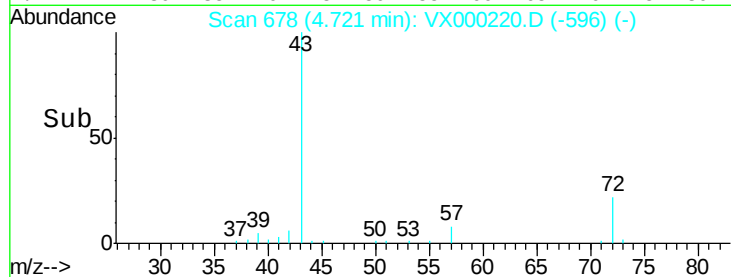
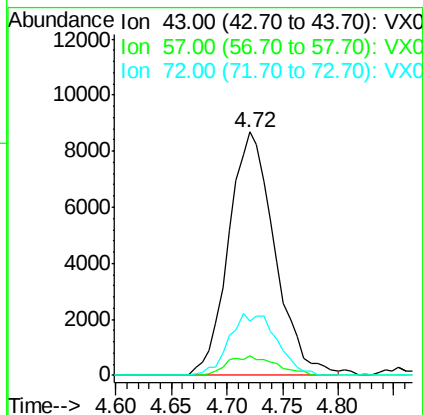
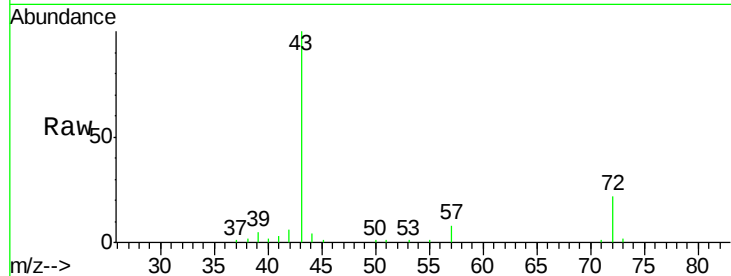




#30
2-Butanone
Concen: 18.73 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

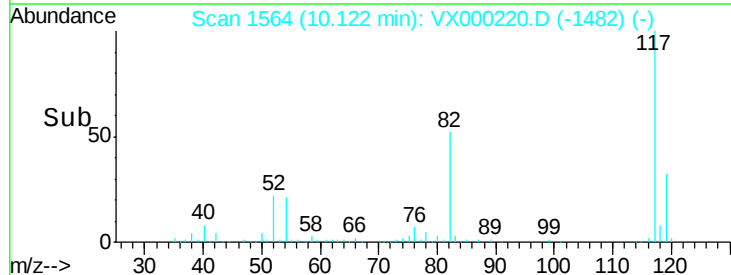
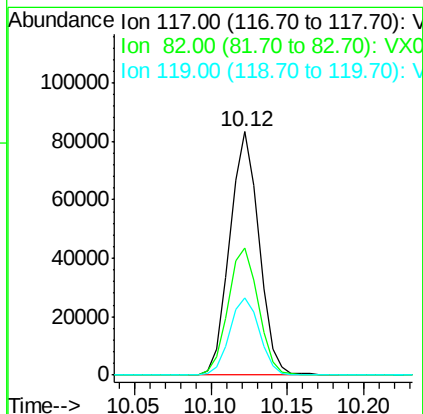
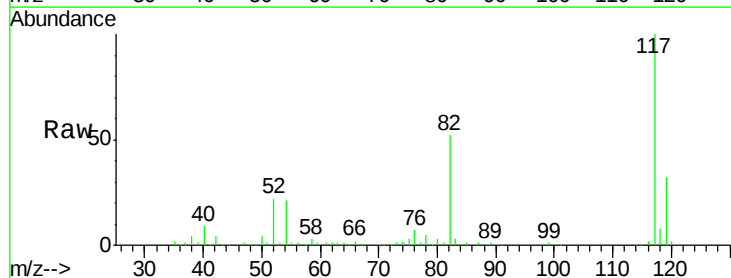
Instrument :
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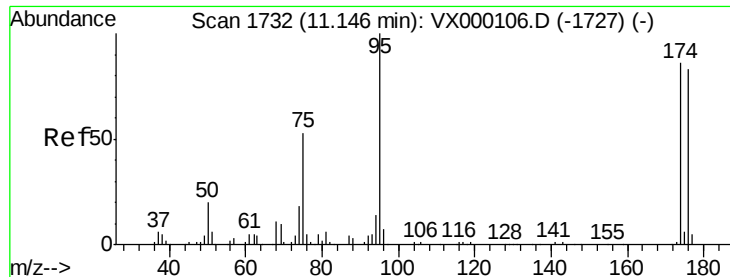
Tot Ion: 43 Resp: 24931
Ion Ratio Lower Upper
43 100
57 5.1 6.6 10.0#
72 12.8 21.8 32.6#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Tgt Ion: 117 Resp: 110709
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.4 25.8 38.8

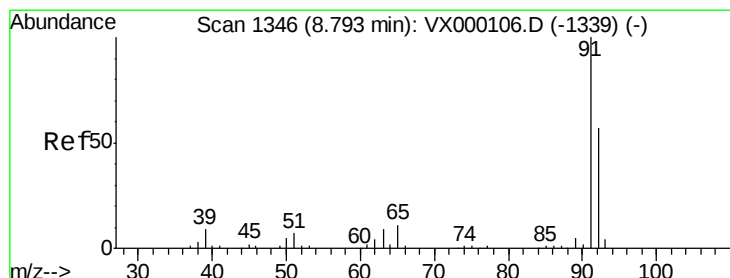
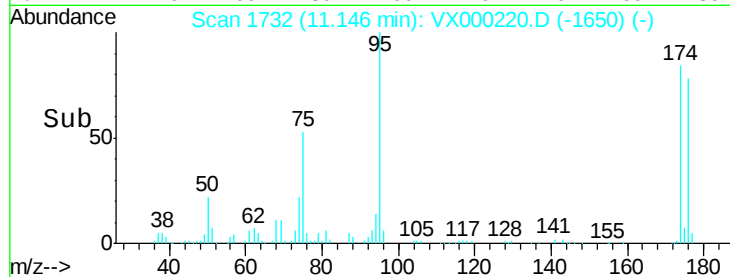
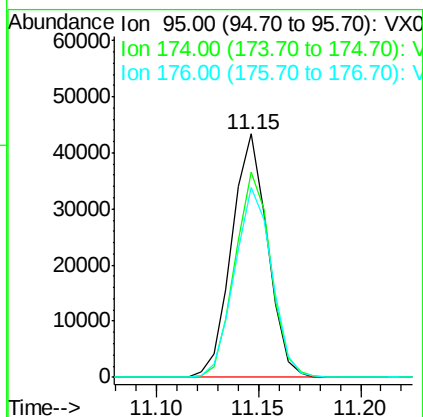
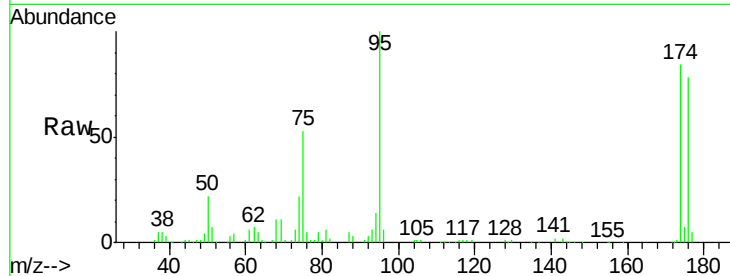




#60
4-Bromofluorobenzene
Concen: 29.16 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

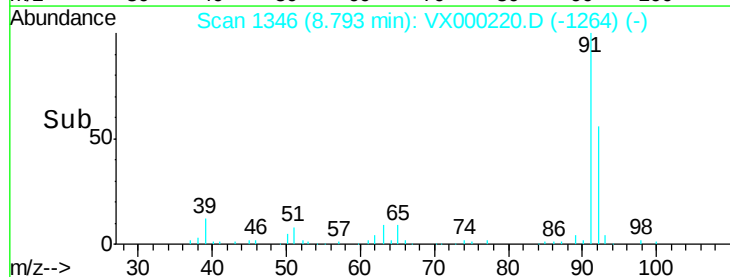
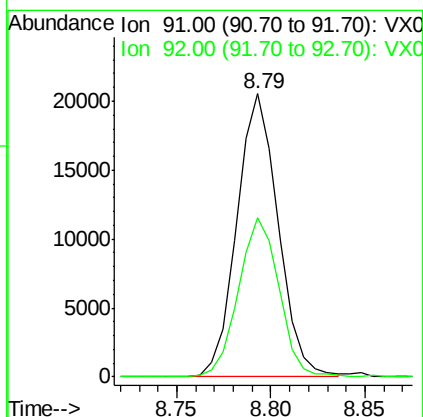
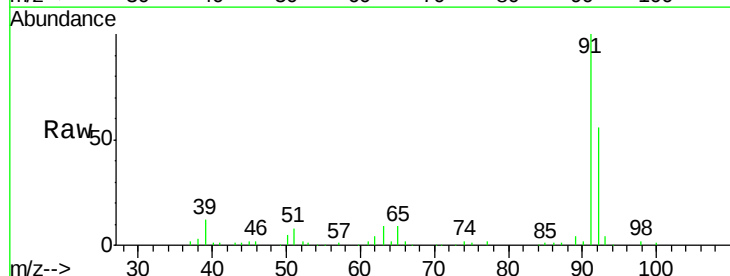
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ClientSampleId :
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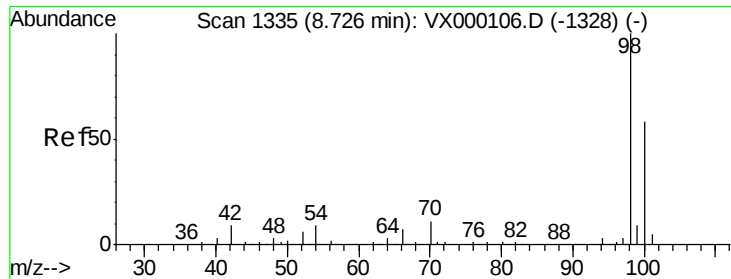
Tot Ion: 95 Resp: 52809
Ion Ratio Lower Upper
95 100
174 84.3 71.1 106.7
176 81.1 69.3 103.9



#62
Toluene
Concen: 5.41 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Tgt Ion: 91 Resp: 31165
Ion Ratio Lower Upper
91 100
92 55.4 45.4 68.0





#63

Toluene-d8

Concen: 30.51 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000220.D

Acq: 08 Mar 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

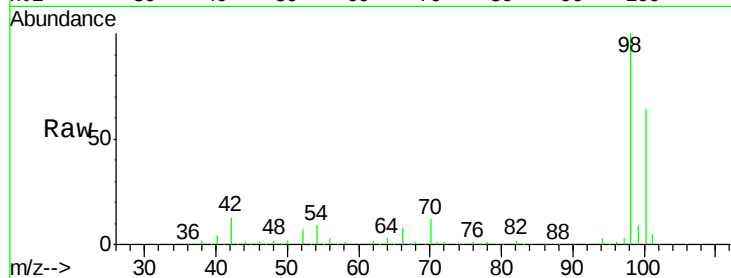
001M-WILLETS-PT-BLVD(MAR)

Tot Ion: 98 Resp: 144665

Ion Ratio Lower Upper

98 100

100 63.4 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VX000106.D (-1328) (-)

Ion 100.00 (99.70 to 100.70): VX000106.D (-1328) (-)

8.73

100000

80000

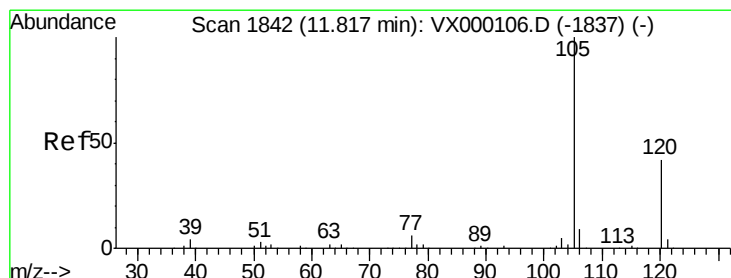
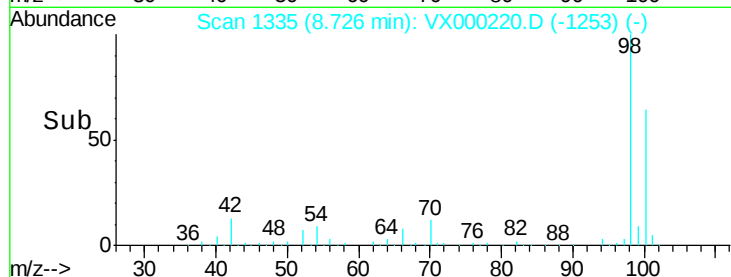
60000

40000

20000

0

Time-->



#80

1,2,4-Trimethylbenzene

Concen: 0.42 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX000220.D

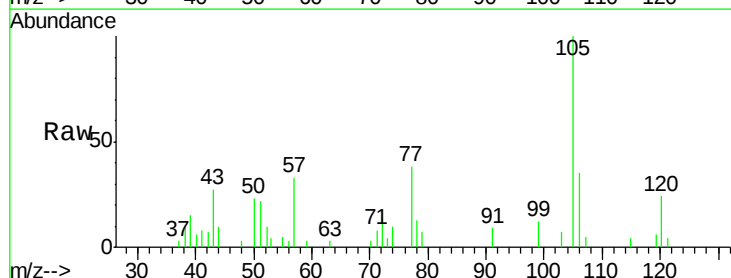
Acq: 08 Mar 2018 13:22

Tgt Ion: 105 Resp: 2457

Ion Ratio Lower Upper

105 100

120 24.1 0.0 93.0



Abundance Ion 105.00 (104.70 to 105.70): VX000106.D (-1837) (-)

Ion 120.00 (119.70 to 120.70): VX000106.D (-1837) (-)

11.82

2000

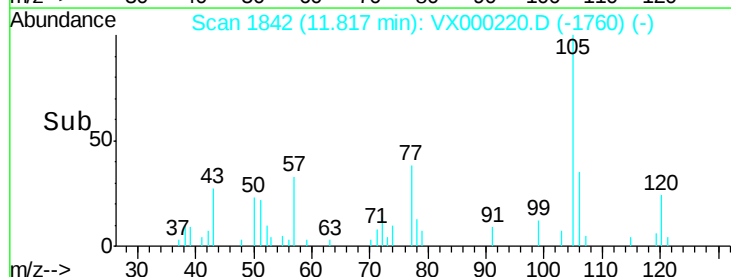
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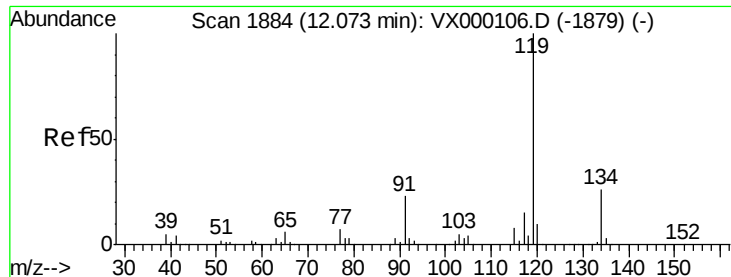
1000

500

0

Time-->





#82
 p-Isopropyltoluene
 Concen: 1.18 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000220.D
 Acq: 08 Mar 2018 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
119	100		
134	27.9	0.0	54.4
91	28.9	0.0	46.6

