

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008676.D
 Acq On : 05 Apr 2019 11:48
 Operator : JC/SP
 Sample : K2235-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Apr 05 13:50:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	30281	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	176913	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	154151	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	77015	30.40	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.33%
60) 4-Bromofluorobenzene	11.13	95	78084	29.07	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.90%
63) Toluene-d8	8.71	98	221683	30.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.00%

Target Compounds

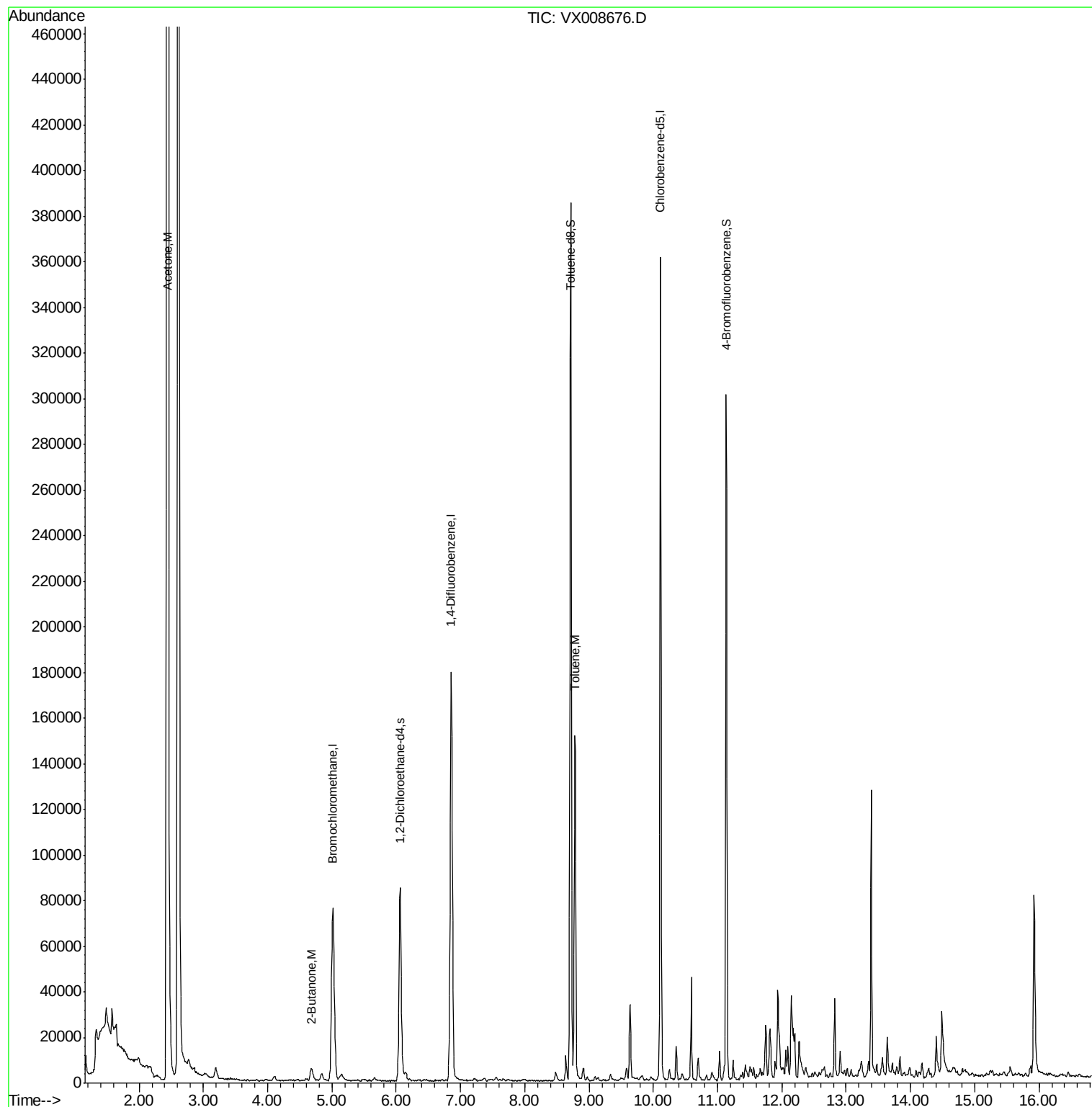
					Qvalue	
15) Acetone	2.44	58	496477	1120.457	ug/l	93
30) 2-Butanone	4.68	43	10089	4.610	ug/l #	90
62) Toluene	8.78	91	95525	10.235	ug/l	100

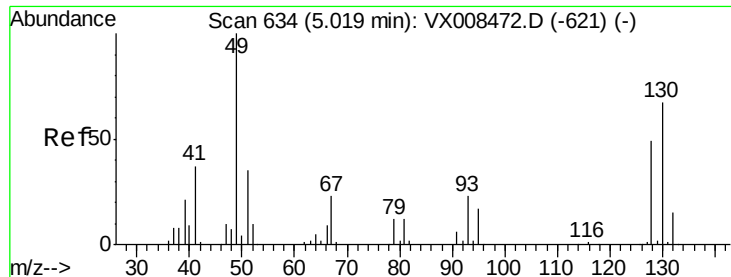
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 12:01:15 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008676.D

Acq: 05 Apr 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

001M-WILLETS-PT-BLVD(APR)

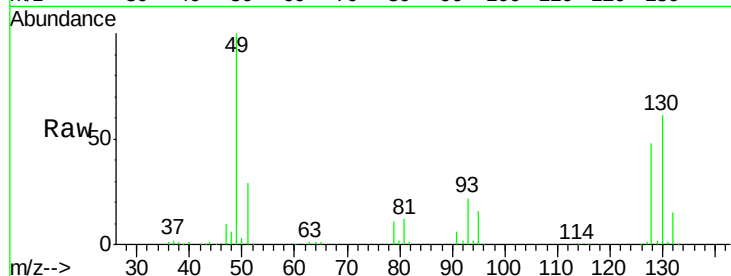
Tgt Ion:128 Resp: 30281

Ion Ratio Lower Upper

128 100

49 207.3 0.0 350.8

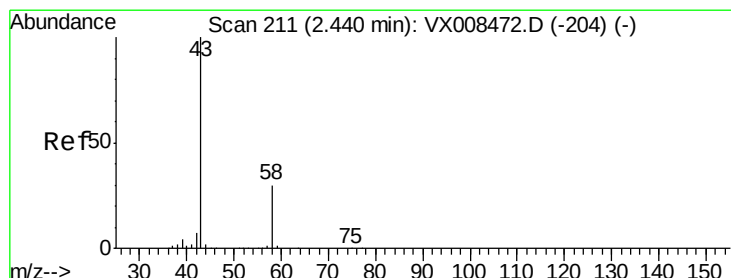
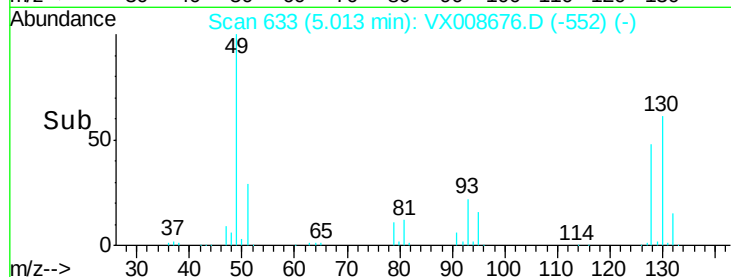
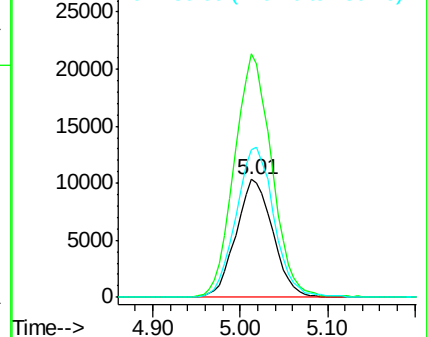
130 130.7 0.0 325.8



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



#15

Acetone

Concen: 1120.457 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008676.D

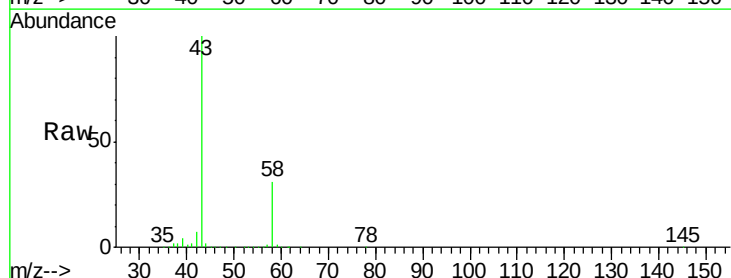
Acq: 05 Apr 2019 11:48

Tgt Ion: 58 Resp: 496477

Ion Ratio Lower Upper

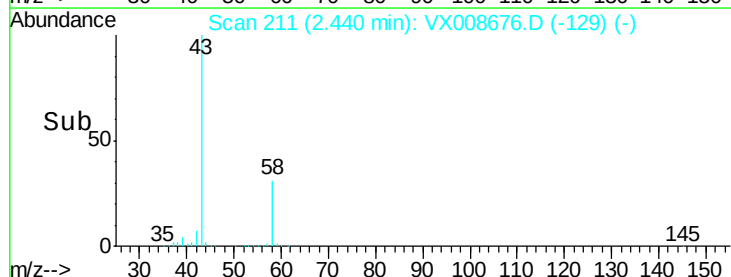
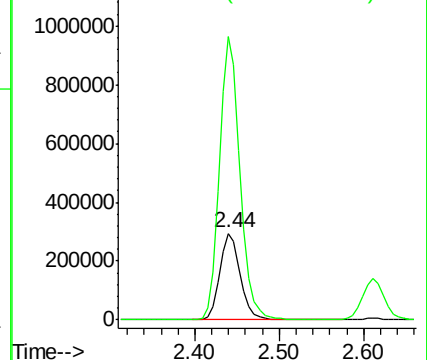
58 100

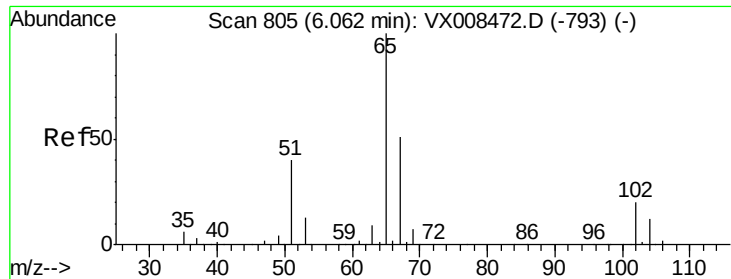
43 326.7 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

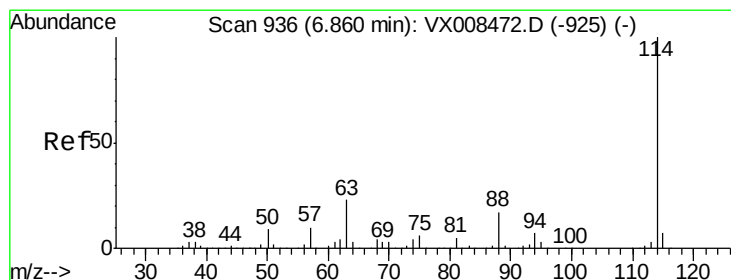
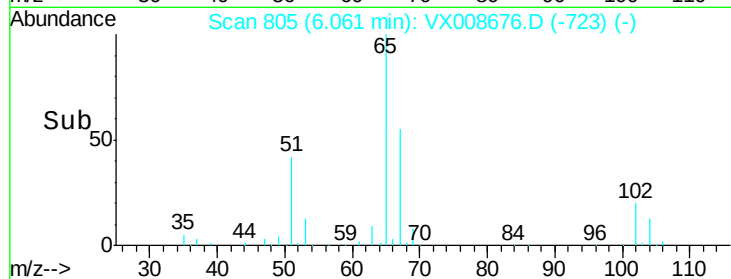
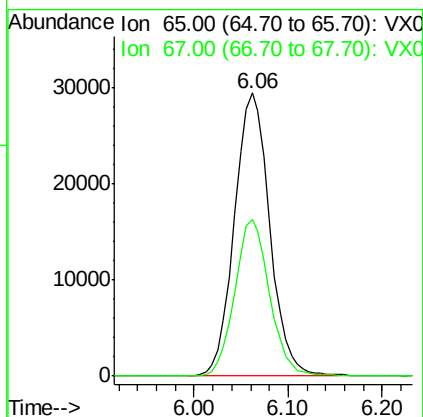
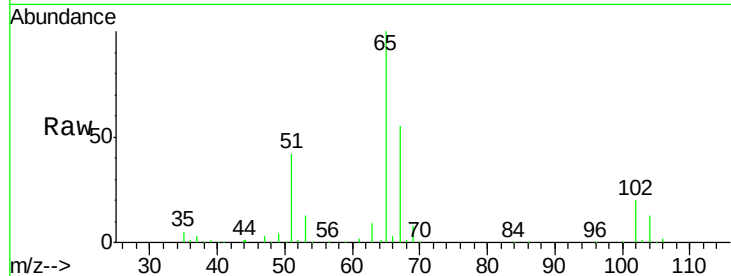




#27
 1,2-Dichloroethane-d4
 Concen: 30.403 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008676.D
 Acq: 05 Apr 2019 11:48

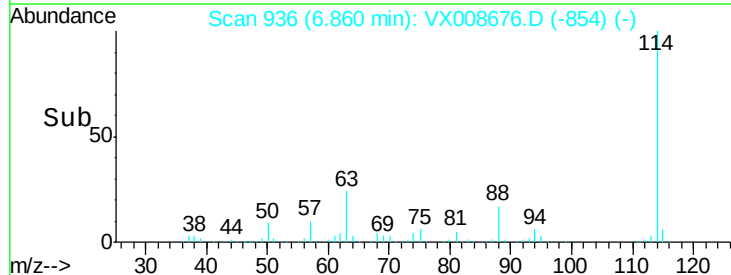
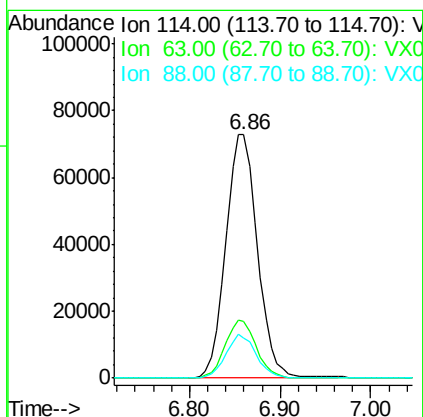
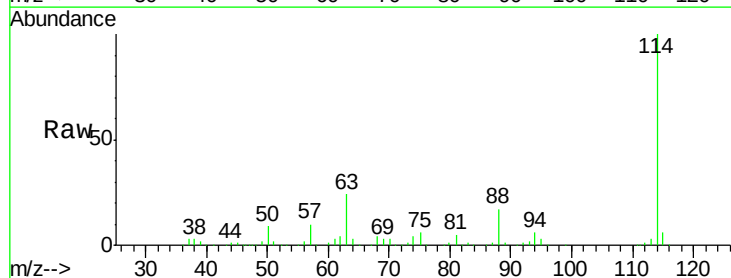
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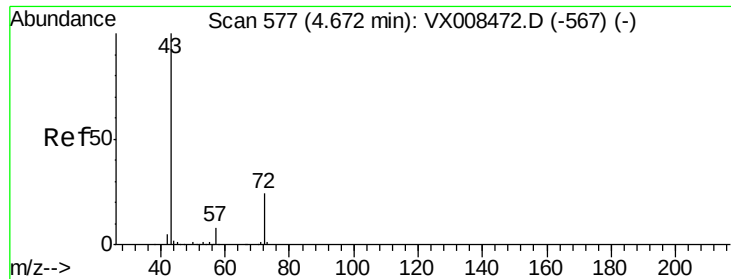
Tgt Ion: 65 Resp: 77015
 Ion Ratio Lower Upper
 65 100
 67 54.3 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008676.D
 Acq: 05 Apr 2019 11:48

Tgt Ion: 114 Resp: 176913
 Ion Ratio Lower Upper
 114 100
 63 23.4 14.2 21.4#
 88 17.1 11.9 17.9

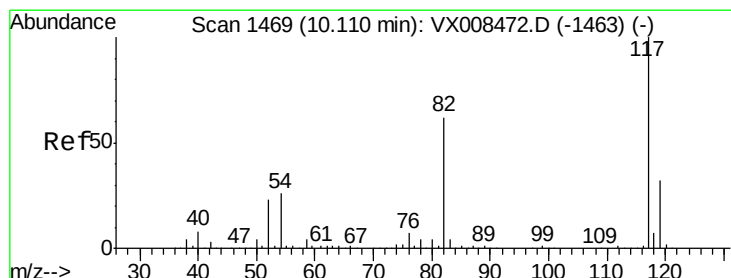
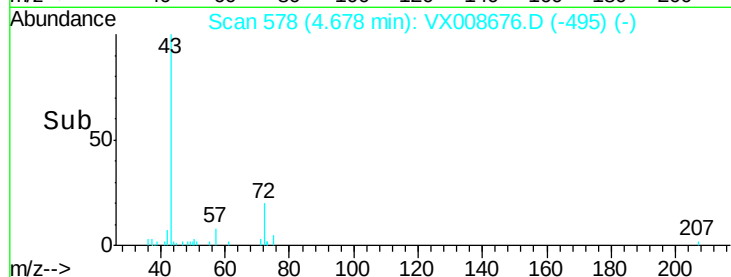
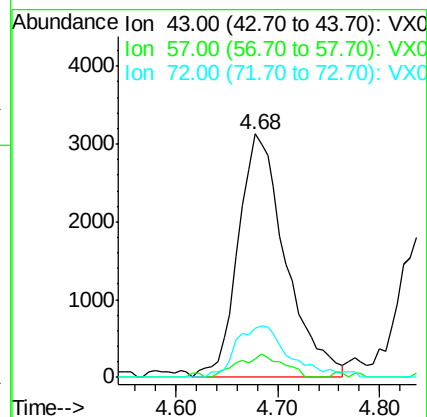
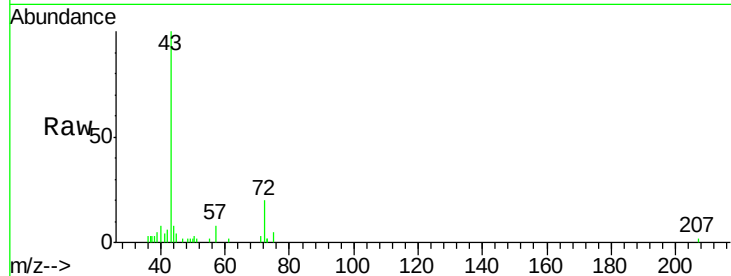




#30
2-Butanone
Concen: 4.610 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX008676.D
Acq: 05 Apr 2019 11:48

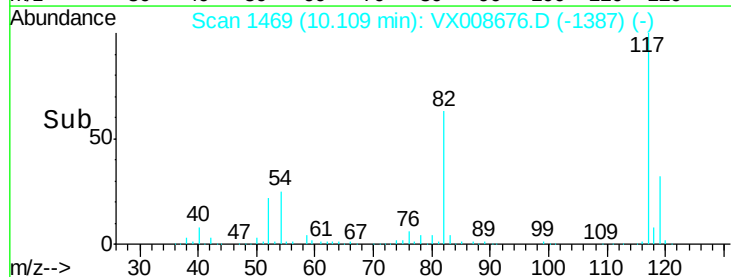
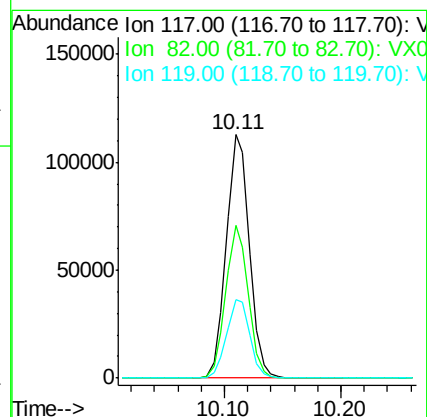
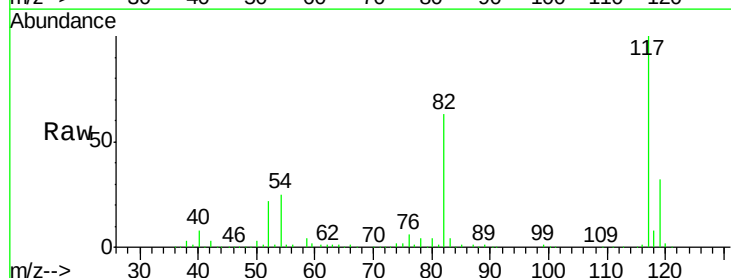
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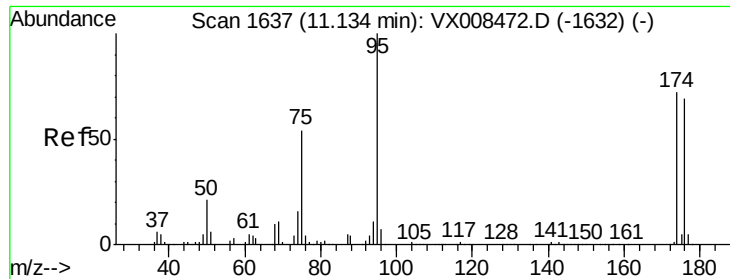
Tgt Ion: 43 Resp: 10089
Ion Ratio Lower Upper
43 100
57 5.8 7.0 10.6#
72 21.3 21.5 32.3#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008676.D
Acq: 05 Apr 2019 11:48

Tgt Ion: 117 Resp: 154151
Ion Ratio Lower Upper
117 100
82 61.5 40.4 60.6#
119 32.5 25.8 38.6





#60

4-Bromofluorobenzene

Concen: 29.073 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008676.D

Acq: 05 Apr 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

001M-WILLETS-PT-BLVD(APR)

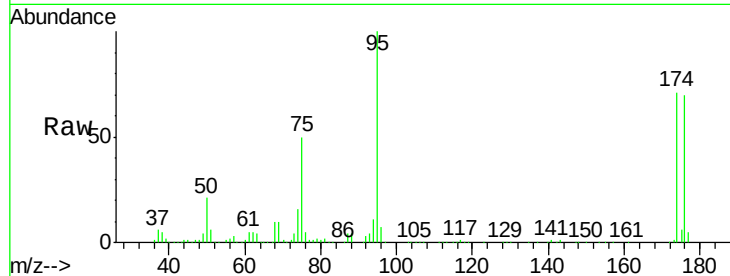
Tgt Ion: 95 Resp: 78084

Ion Ratio Lower Upper

95 100

174 77.9 74.9 112.3

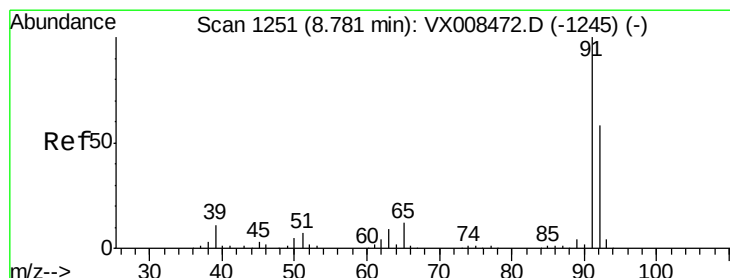
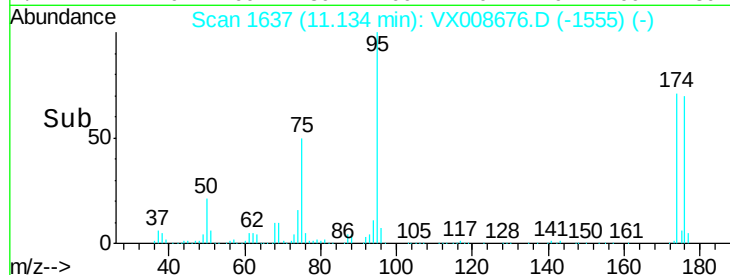
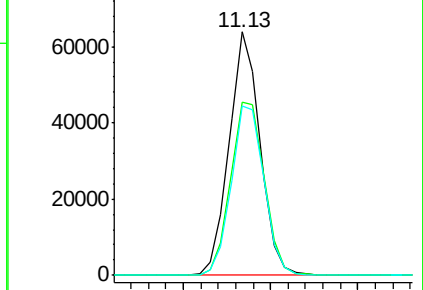
176 74.4 70.7 106.1



Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): VX0

Ion 176.00 (175.70 to 176.70): VX0



#62

Toluene

Concen: 10.235 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008676.D

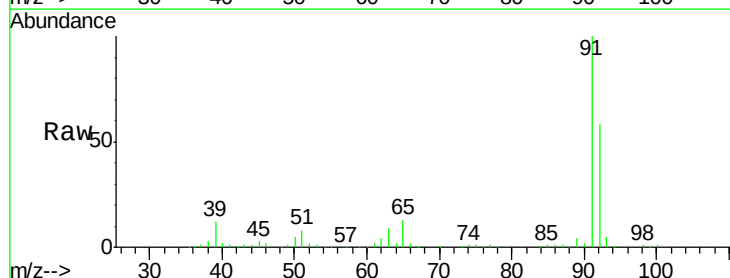
Acq: 05 Apr 2019 11:48

Tgt Ion: 91 Resp: 95525

Ion Ratio Lower Upper

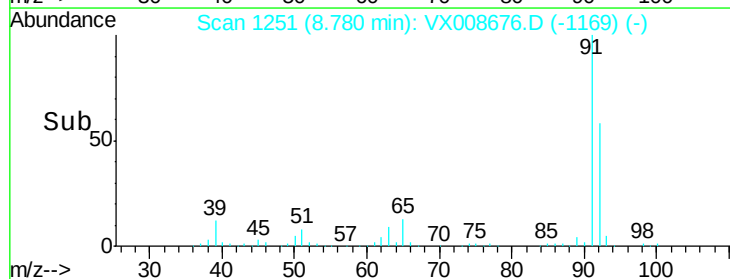
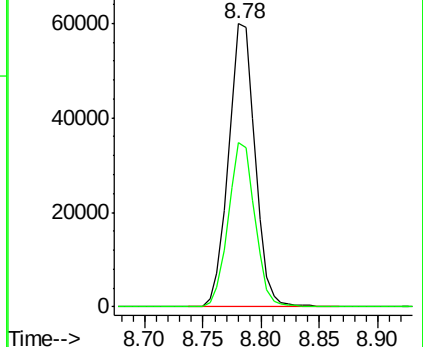
91 100

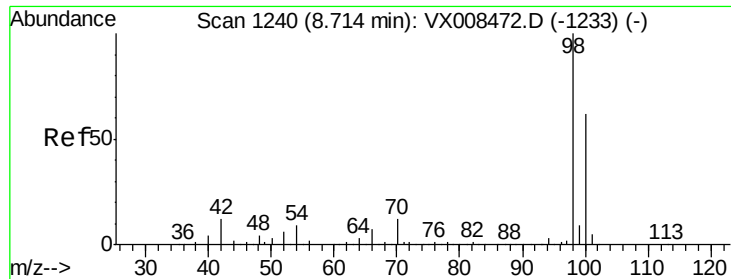
92 58.0 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.296 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008676.D

Acq: 05 Apr 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

001M-WILLETS-PT-BLVD(APR)

Tgt Ion: 98 Resp: 221683

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3

