

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040720\
 Data File : VX015539.D
 Acq On : 07 Apr 2020 15:33
 Operator : JC/SP
 Sample : L2140-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 08 03:29:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	179987	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1025432	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	936010	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	456673	32.47	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	108.23%
60) 4-Bromofluorobenzene	11.12	95	480235	29.98	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.93%
63) Toluene-d8	8.70	98	1204859	30.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.00%

Target Compounds

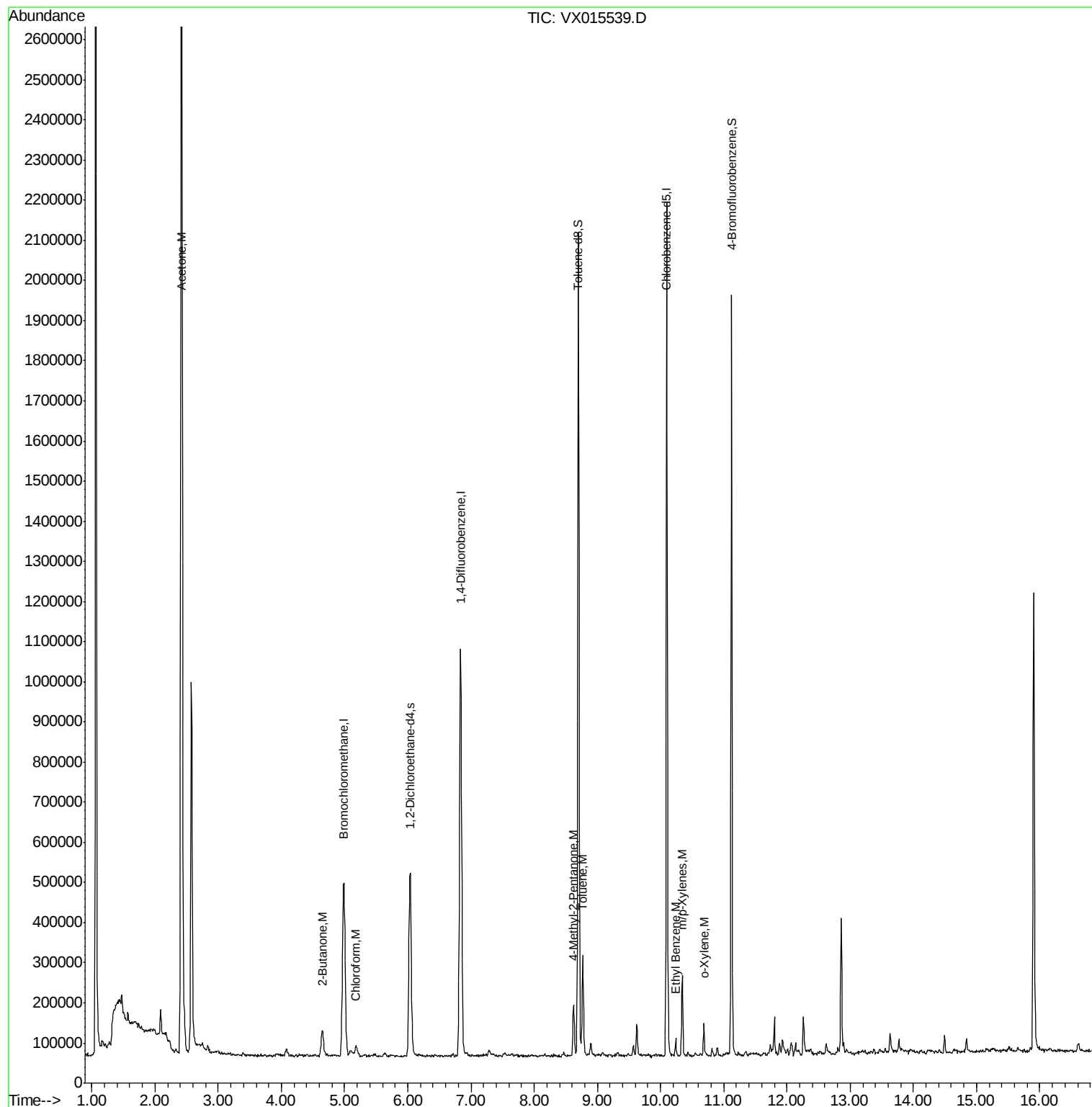
					Ovalue
15) Acetone	2.42	58	1310488	839.441	ug/l 88
25) Chloroform	5.18	83	28044	1.401	ug/l 99
30) 2-Butanone	4.64	43	112864	12.221	ug/l # 91
58) 4-Methyl-2-Pentanone	8.62	43	78389	4.376	ug/l 97
62) Toluene	8.77	91	165557	3.492	ug/l 97
66) Ethyl Benzene	10.24	91	26377	0.487	ug/l 91
67) m/p-Xylenes	10.34	106	46220	2.255	ug/l 100
68) o-Xylene	10.68	106	16682	0.833	ug/l 95

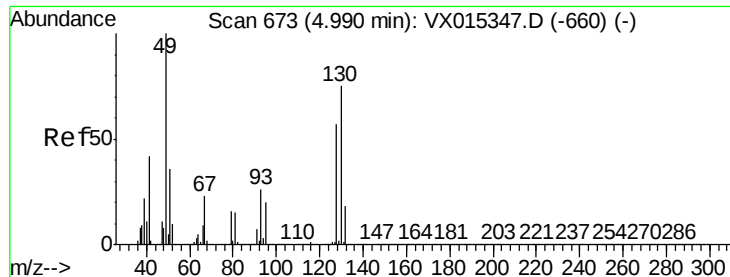
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040720\
Data File : VX015539.D
Acq On : 07 Apr 2020 15:33
Operator : JC/SP
Sample : L2140-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 08 03:29:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX015539.D

Acq: 07 Apr 2020 15:33

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD-(APR)

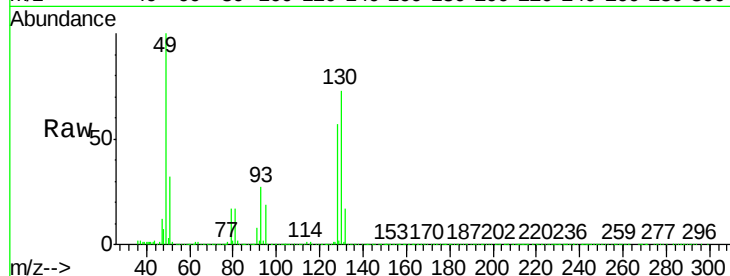
Tot Ion:128 Resp: 179987

Ion Ratio Lower Upper

128 100

49 178.1 0.0 428.0

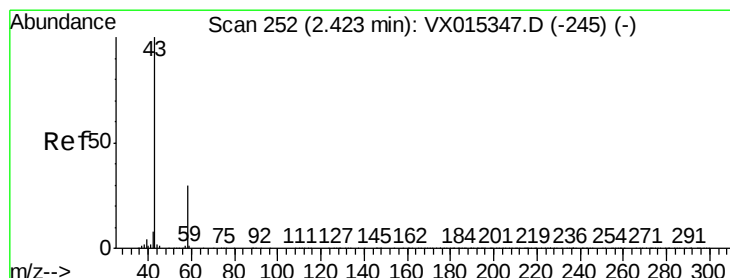
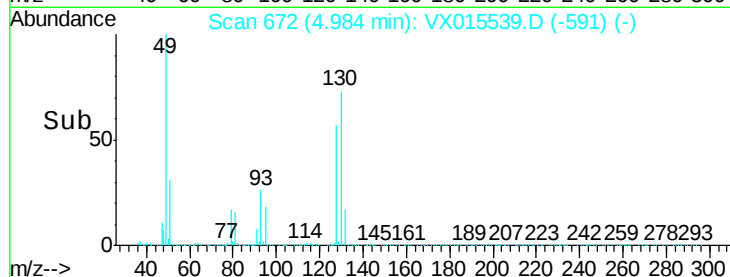
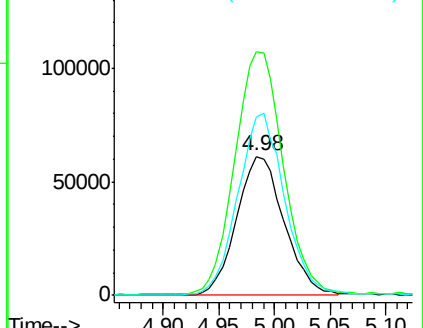
130 129.6 0.0 324.5



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: 839.441 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015539.D

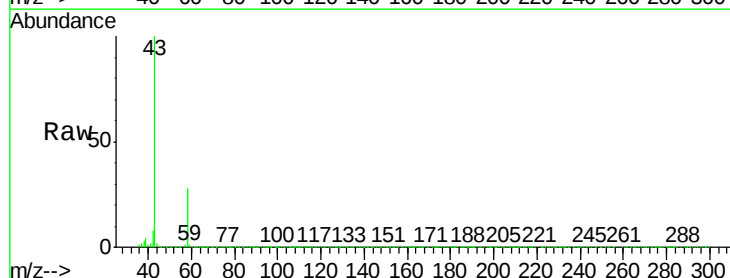
Acq: 07 Apr 2020 15:33

Tgt Ion: 58 Resp: 1310488

Ion Ratio Lower Upper

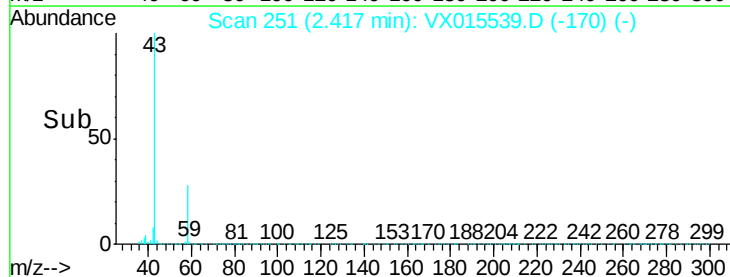
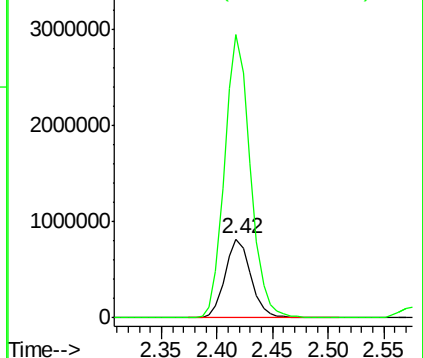
58 100

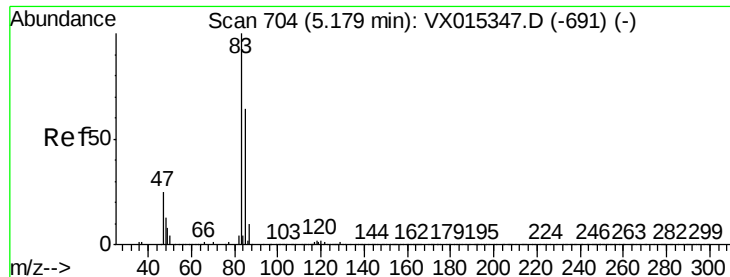
43 360.4 267.8 401.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 1.401 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: VX015539.D

Acq: 07 Apr 2020 15:33

Instrument :

MSVOA_X

ClientSampleId :

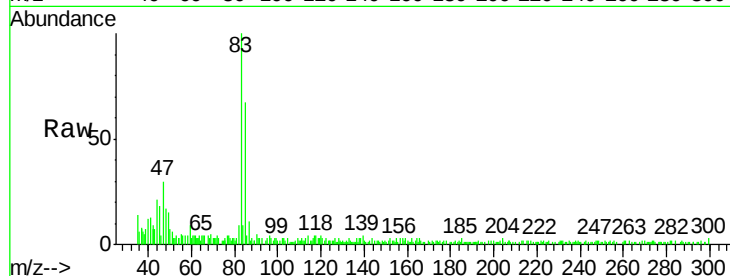
001-WILLETS-PT-BLVD-(APR)

Tot Ion: 83 Resp: 28044

Ion Ratio Lower Upper

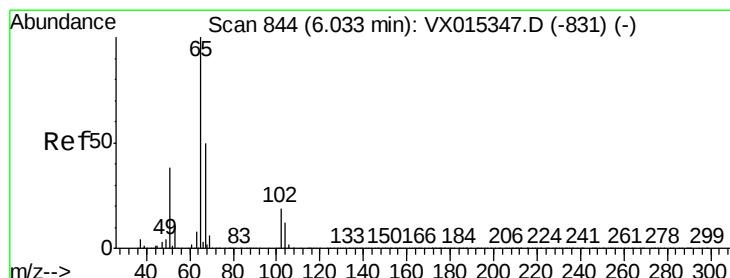
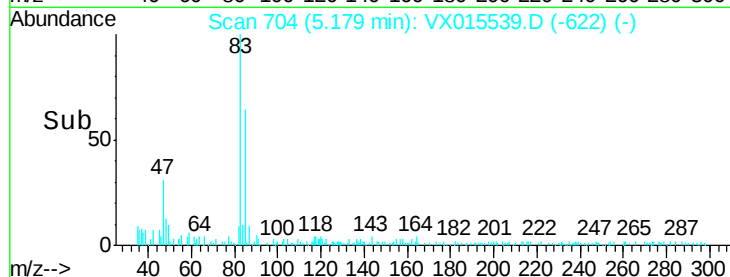
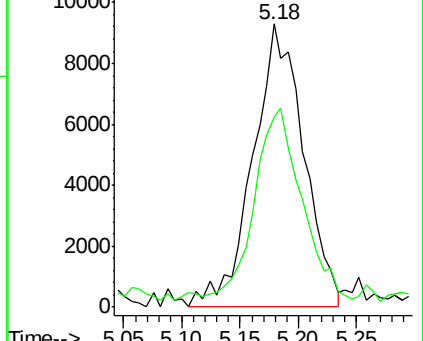
83 100

85 64.1 50.5 75.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#27

1,2-Dichloroethane-d4

Concen: 32.470 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015539.D

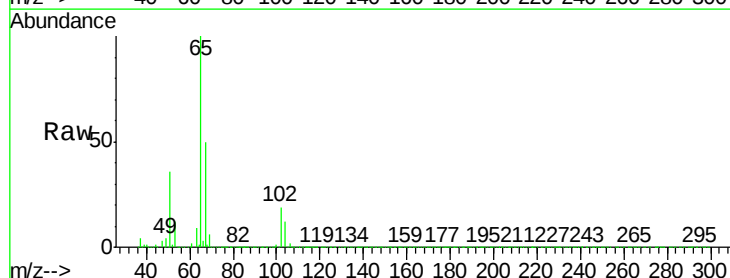
Acq: 07 Apr 2020 15:33

Tgt Ion: 65 Resp: 456673

Ion Ratio Lower Upper

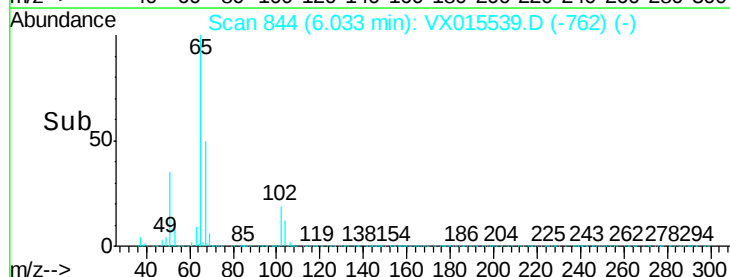
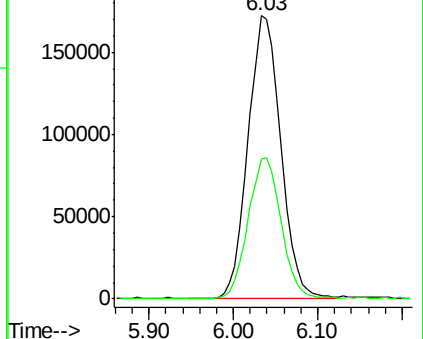
65 100

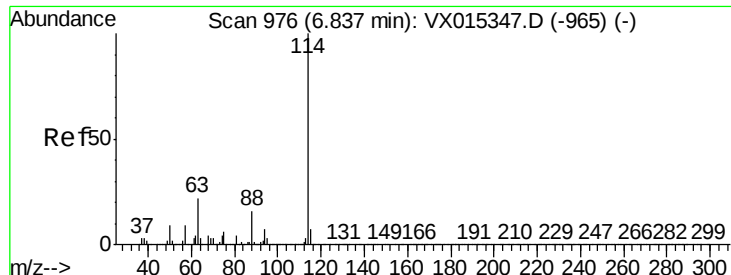
67 49.6 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

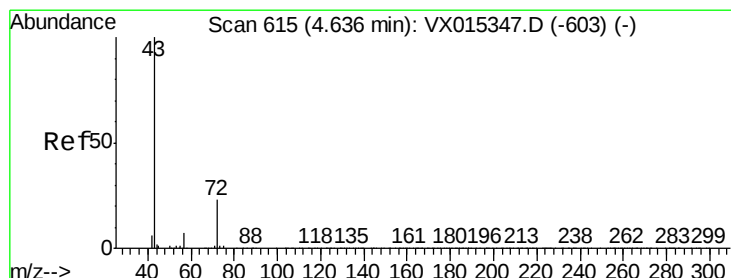
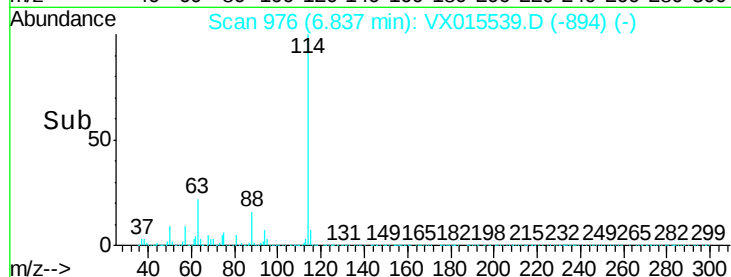
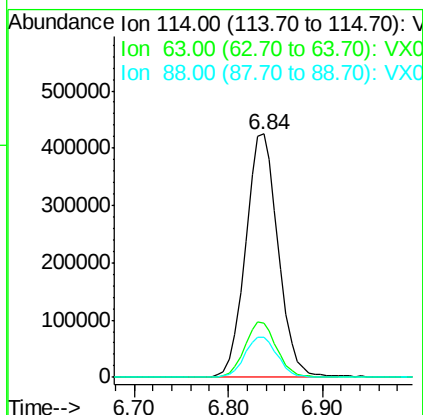
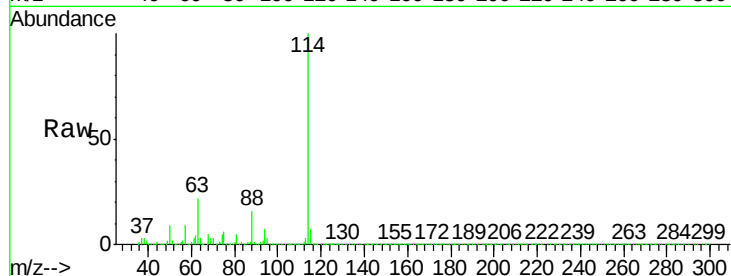




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015539.D
 Acq: 07 Apr 2020 15:33

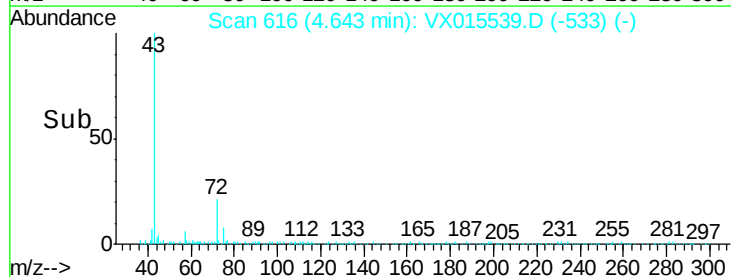
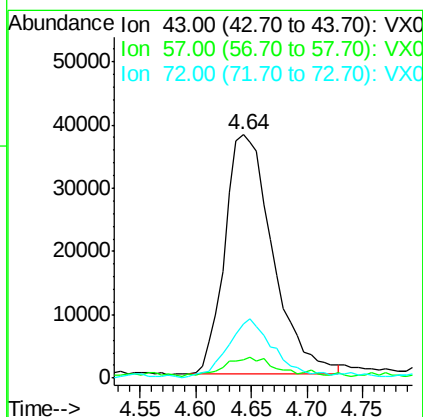
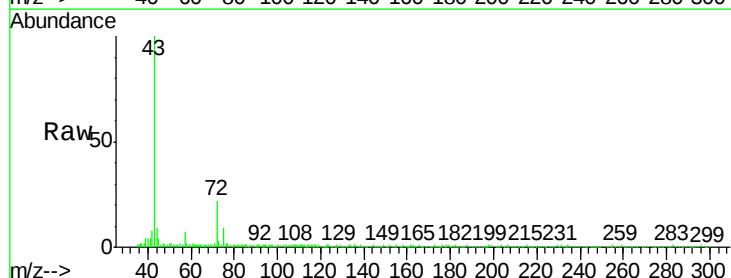
Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD-(APR)

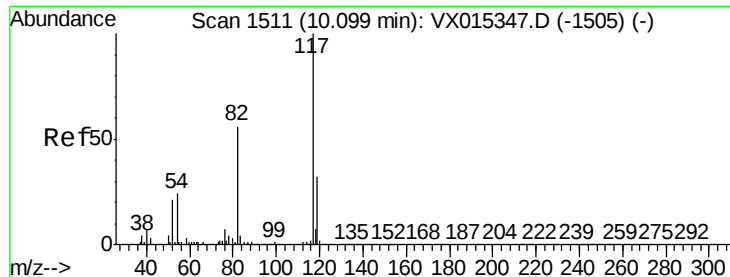
Tot Ion:114 Resp: 1025432
 Ion Ratio Lower Upper
 114 100
 63 22.4 17.4 26.2
 88 16.5 12.9 19.3



#30
 2-Butanone
 Concen: 12.221 ug/l
 RT: 4.64 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: VX015539.D
 Acq: 07 Apr 2020 15:33

Tgt Ion: 43 Resp: 112864
 Ion Ratio Lower Upper
 43 100
 57 2.3 5.9 8.9#
 72 19.4 18.6 27.8

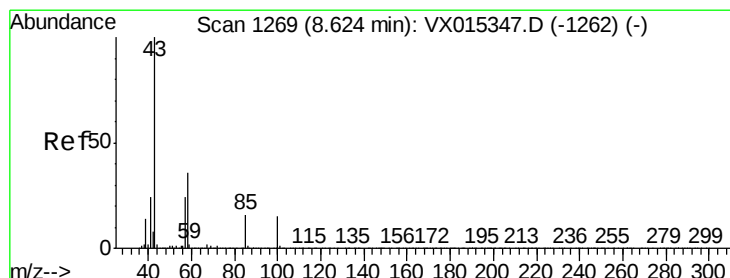
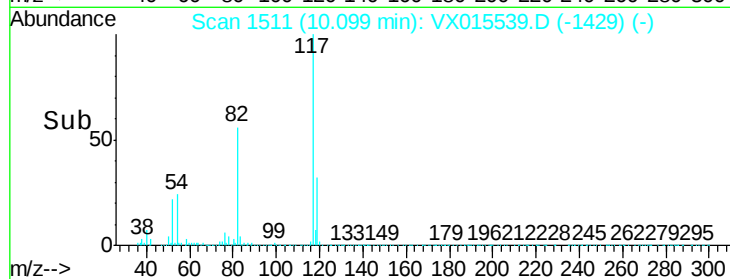
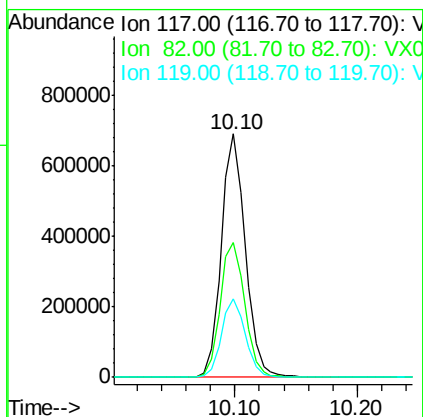
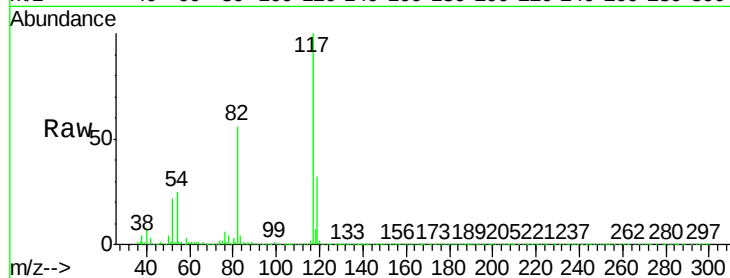




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015539.D
Acq: 07 Apr 2020 15:33

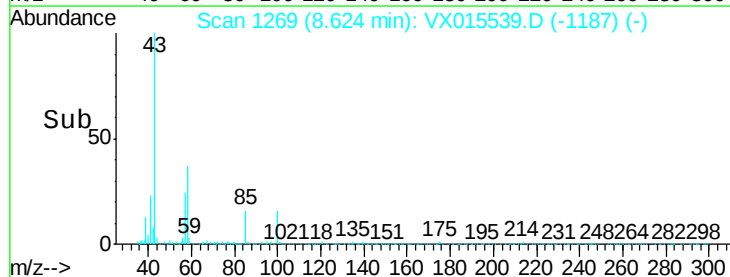
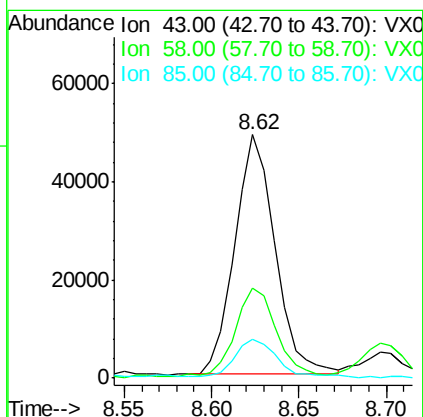
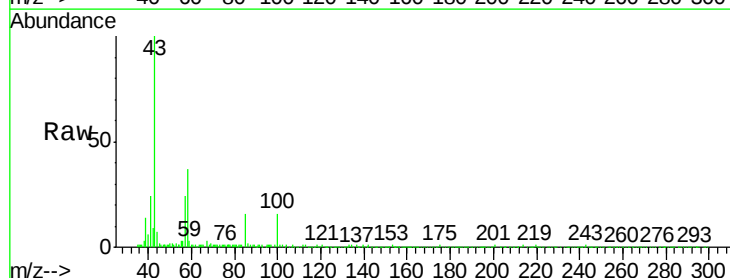
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD-(APR)

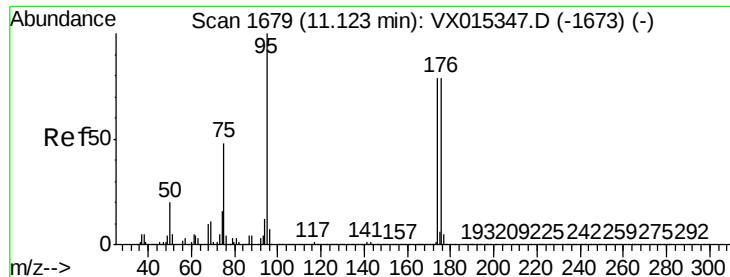
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.0	67.6
119	32.0	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 4.376 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015539.D
Acq: 07 Apr 2020 15:33

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.2	29.4	44.0
85	17.9	13.0	19.4

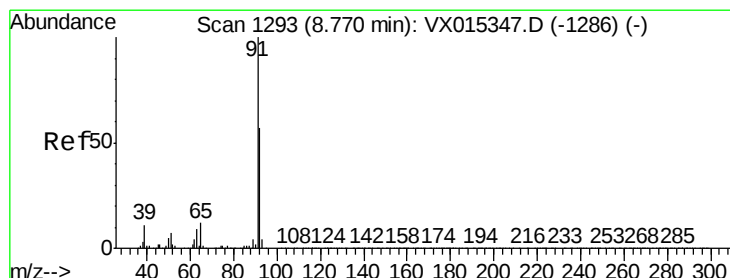
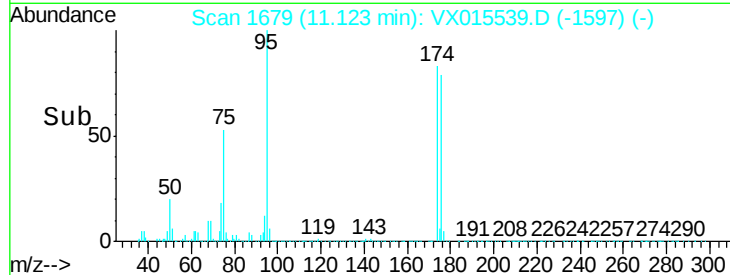
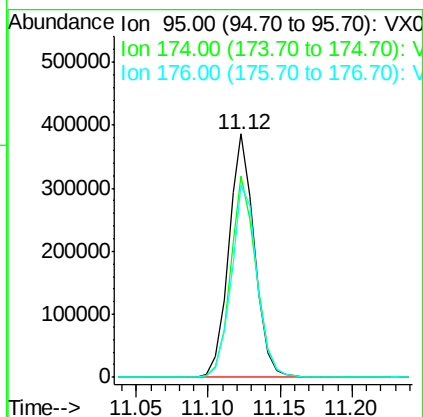
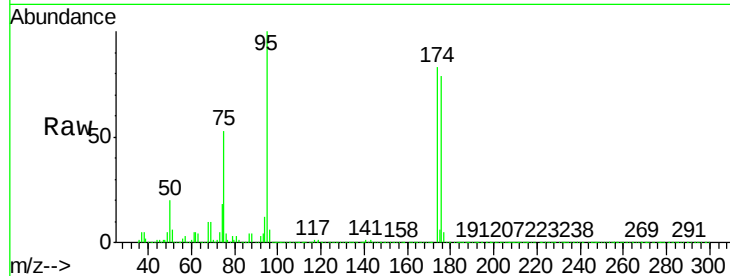




#60
4-Bromofluorobenzene
Concen: 29.980 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015539.D
Acq: 07 Apr 2020 15:33

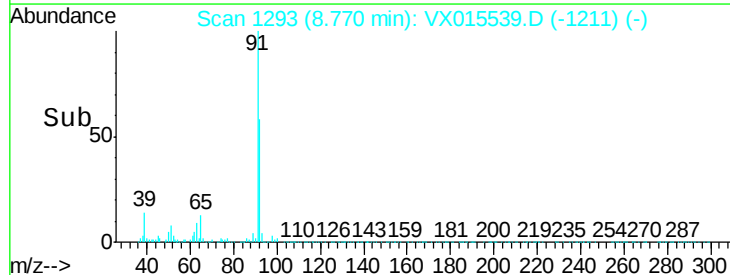
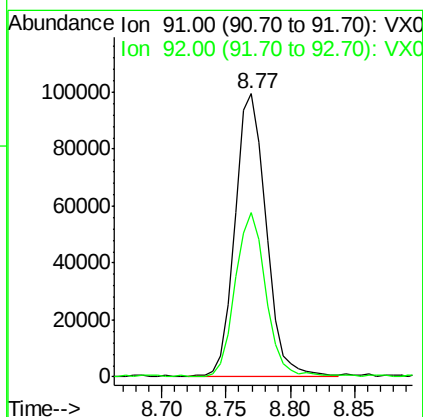
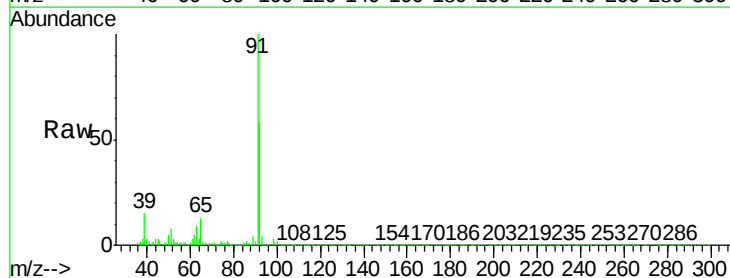
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD-(APR)

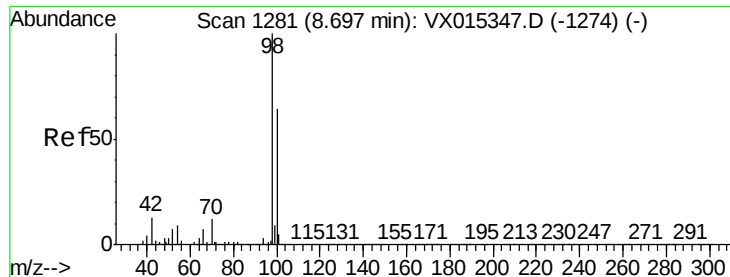
Tot Ion	Ratio	Lower	Upper
95	100		
174	82.5	66.4	99.6
176	79.8	64.1	96.1



#62
Toluene
Concen: 3.492 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015539.D
Acq: 07 Apr 2020 15:33

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.0	46.7	70.1





#63

Toluene-d8

Concen: 30.298 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015539.D

Acq: 07 Apr 2020 15:33

Instrument :

MSVOA_X

ClientSampleId :

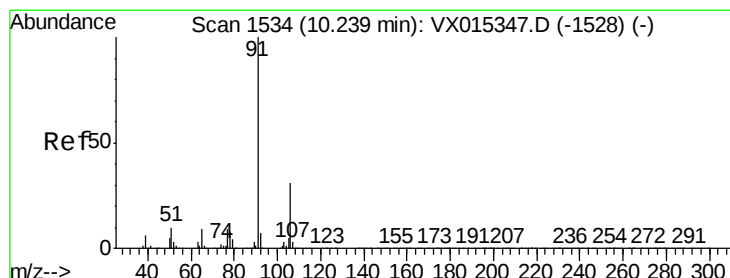
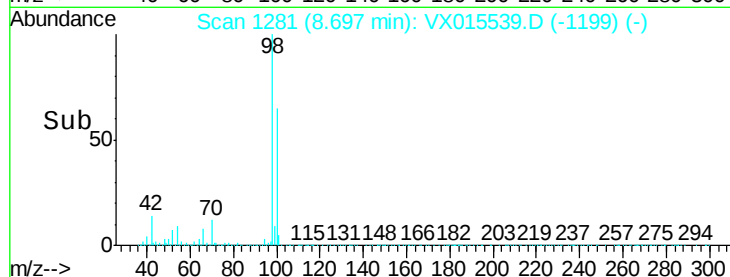
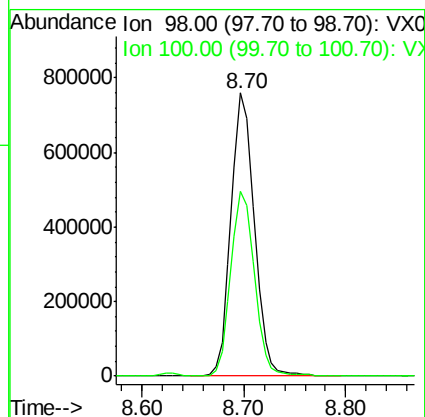
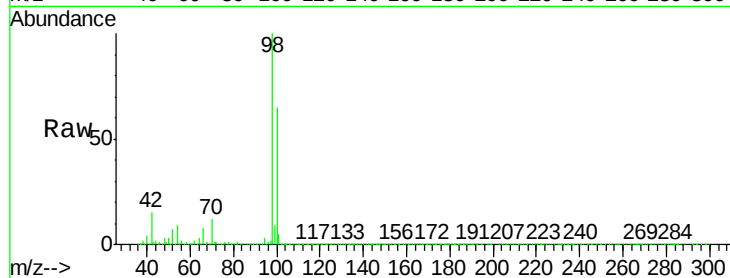
001-WILLETS-PT-BLVD-(APR)

Tot Ion: 98 Resp: 1204859

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2



#66

Ethyl Benzene

Concen: 0.487 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015539.D

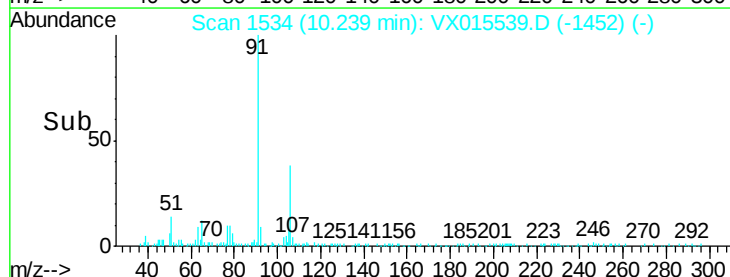
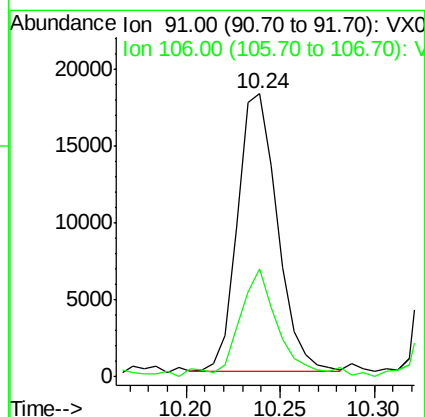
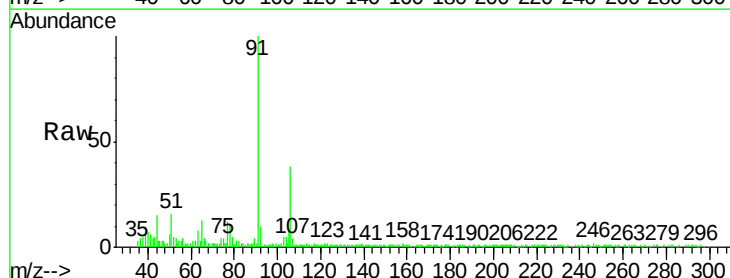
Acq: 07 Apr 2020 15:33

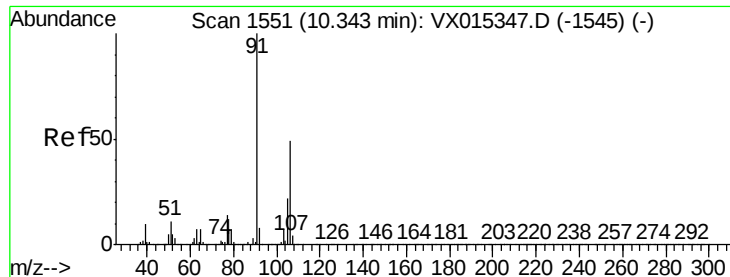
Tgt Ion: 91 Resp: 26377

Ion Ratio Lower Upper

91 100

106 36.1 25.0 37.6





#67

m/p-Xylenes

Concen: 2.255 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015539.D

Acq: 07 Apr 2020 15:33

Instrument :

MSVOA_X

ClientSampleId :

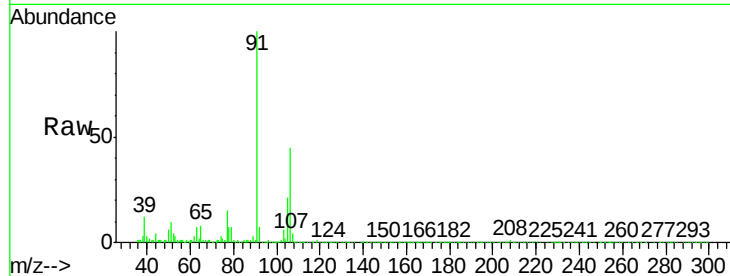
001-WILLETS-PT-BLVD-(APR)

Tot Ion:106 Resp: 46220

Ion Ratio Lower Upper

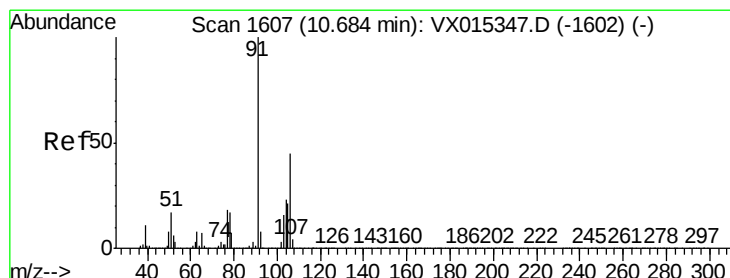
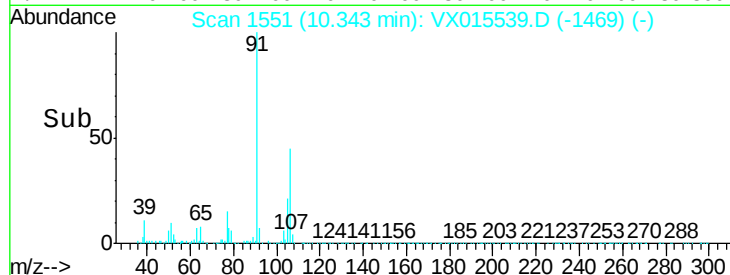
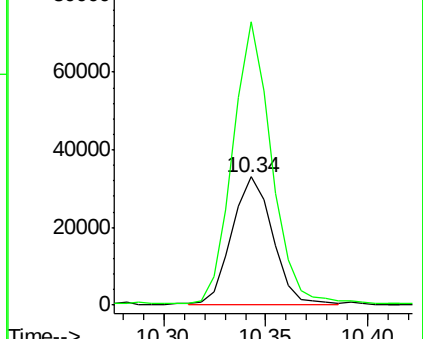
106 100

91 205.8 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 0.833 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX015539.D

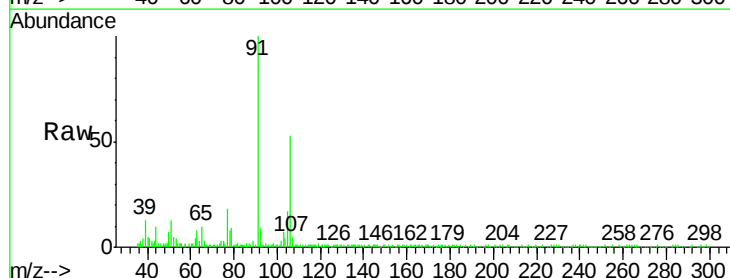
Acq: 07 Apr 2020 15:33

Tgt Ion:106 Resp: 16682

Ion Ratio Lower Upper

106 100

91 226.0 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

