

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
 Data File : VX017147.D
 Acq On : 02 Jul 2020 14:46
 Operator : JC/SP
 Sample : L3200-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 03 01:27:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	41218	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	231087	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	197661	30.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane-d4		6.03	65	89247	27.82	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.73%	
60) 4-Bromofluorobenzene		11.12	95	96084	29.15	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.17%	
63) Toluene-d8		8.70	98	250453	28.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.80%	

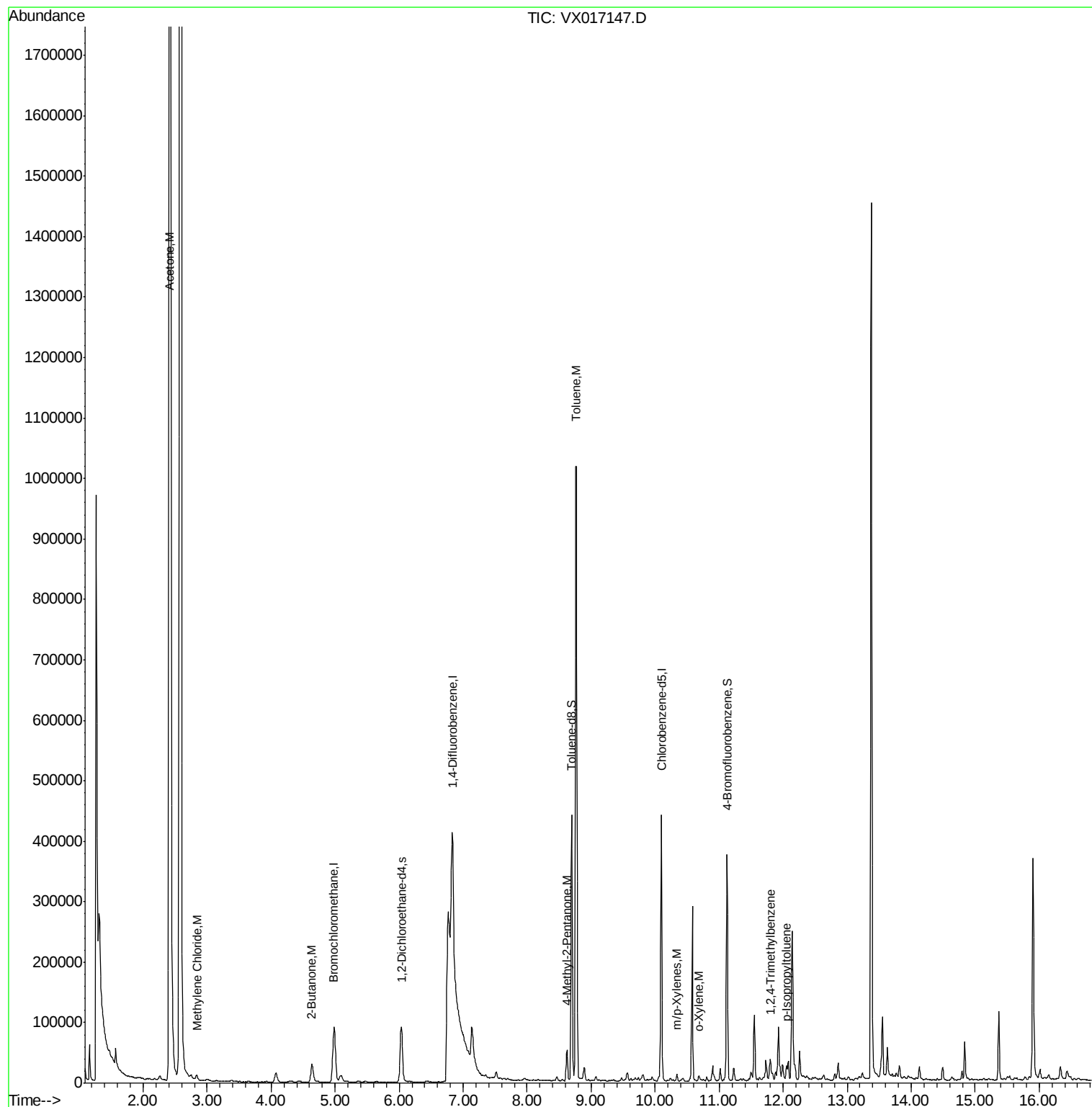
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	2.42	58	2112688	5791.060	ug/l	94
18) Methylene Chloride	2.84	84	3624	1.275	ug/l #	88
30) 2-Butanone	4.64	43	48869	24.905	ug/l	96
58) 4-Methyl-2-Pentanone	8.62	43	30727	8.439	ug/l	98
62) Toluene	8.77	91	665724	61.578	ug/l	99
67) m/p-Xylenes	10.34	106	2606	0.576	ug/l	87
68) o-Xylene	10.68	106	1354	0.312	ug/l	88
80) 1,2,4-Trimethylbenzene	11.79	105	7076	0.713	ug/l	49
82) p-Isopropyltoluene	12.05	119	7518	0.726	ug/l	96

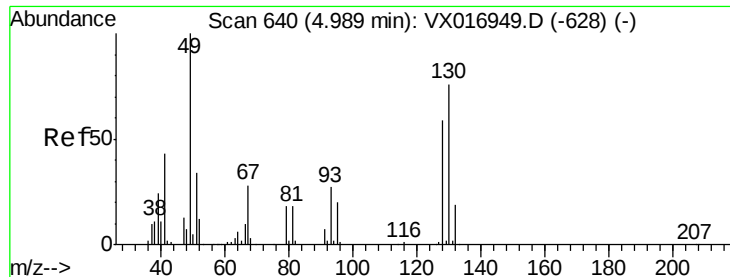
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
Data File : VX017147.D
Acq On : 02 Jul 2020 14:46
Operator : JC/SP
Sample : L3200-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 03 01:27:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration



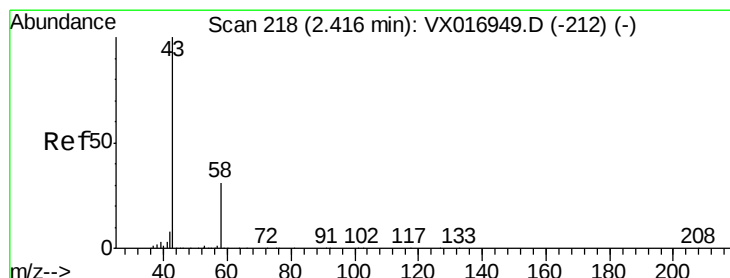
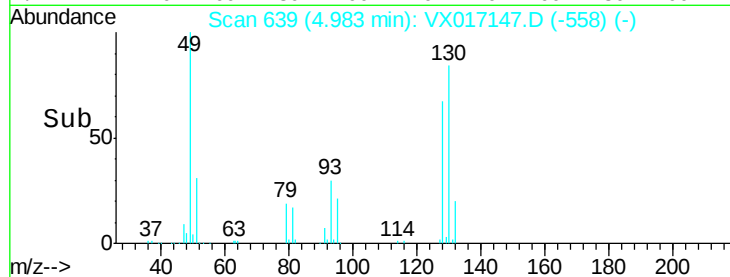
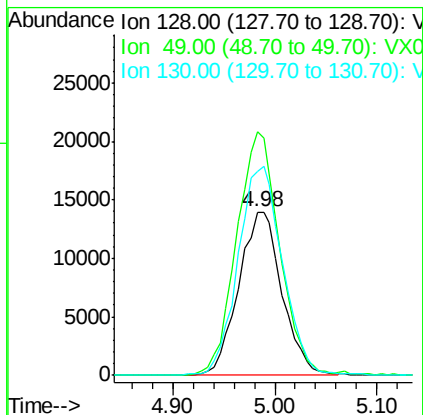
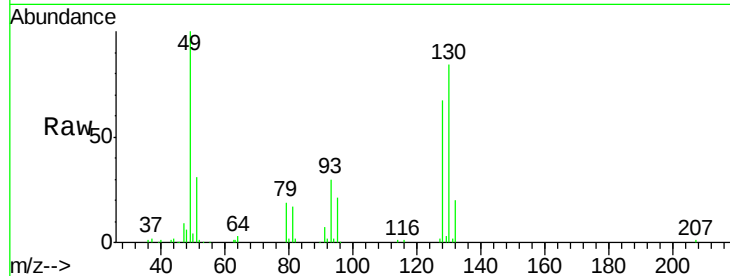


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: VX017147.D
 Acq: 02 Jul 2020 14:46

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

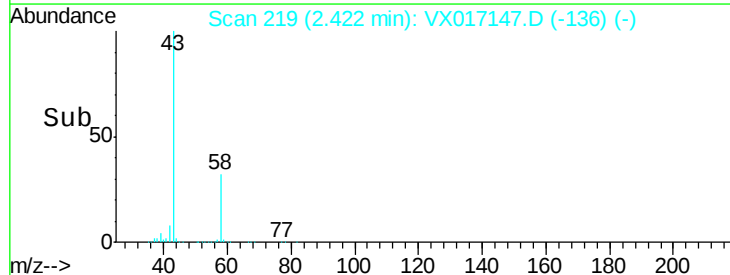
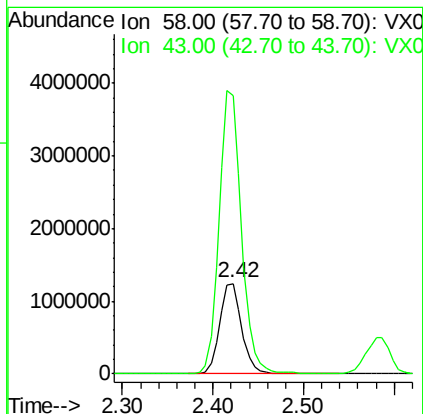
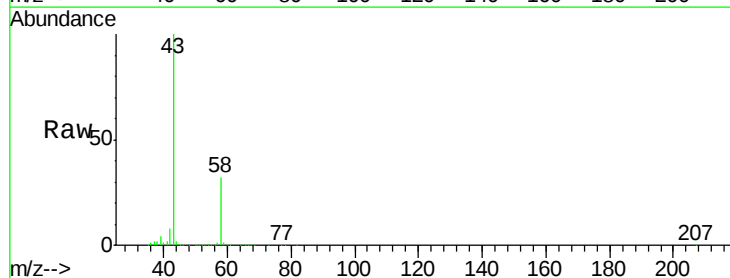
Tot Ion:128 Resp: 41218
 Ion Ratio Lower Upper
 128 100
 49 147.7 0.0 428.0
 130 130.8 0.0 318.0

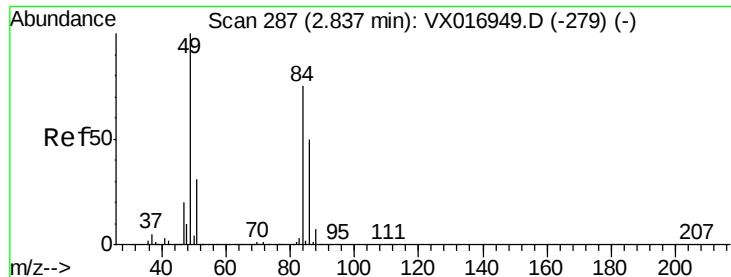


#15

Acetone
 Concen: 5791.060 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: VX017147.D
 Acq: 02 Jul 2020 14:46

Tgt Ion: 58 Resp: 2112688
 Ion Ratio Lower Upper
 58 100
 43 309.4 257.6 386.4

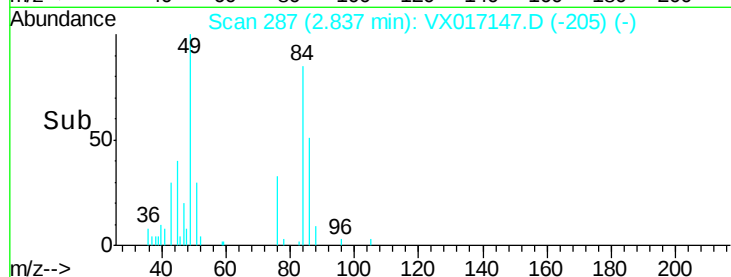
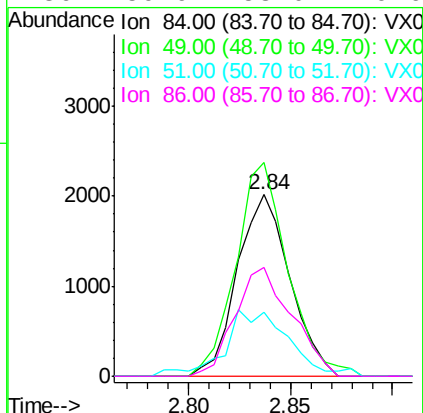
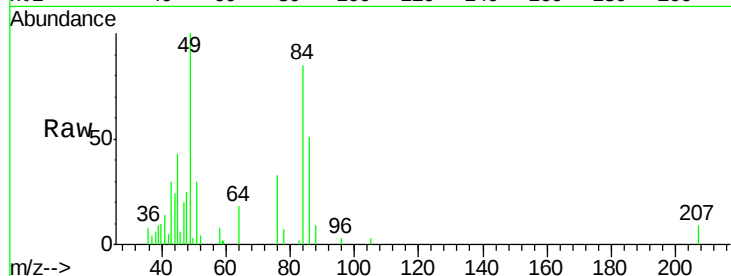




#18
Methvlene Chloride
Concen: 1.275 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017147.D
Acq: 02 Jul 2020 14:46

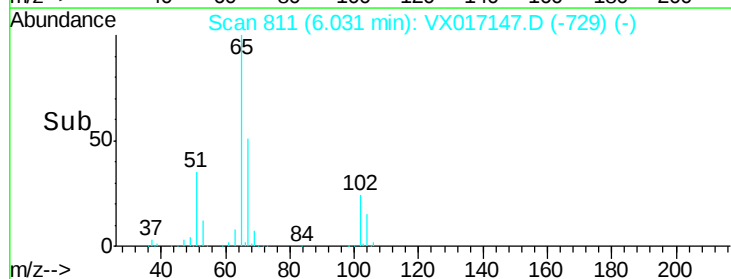
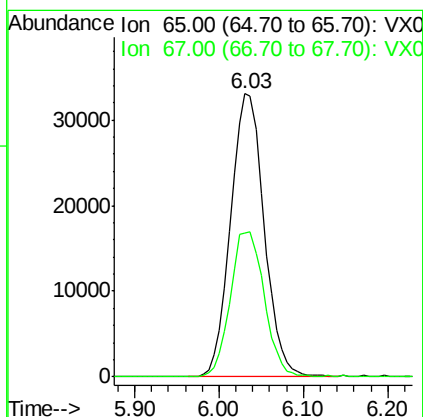
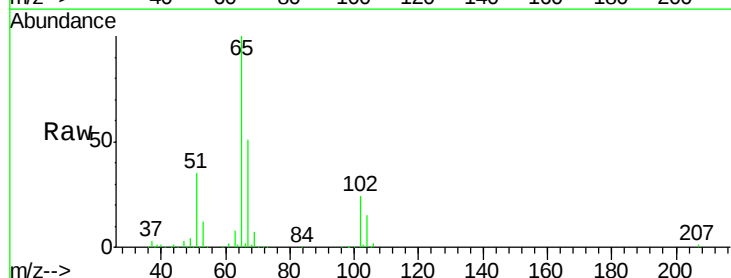
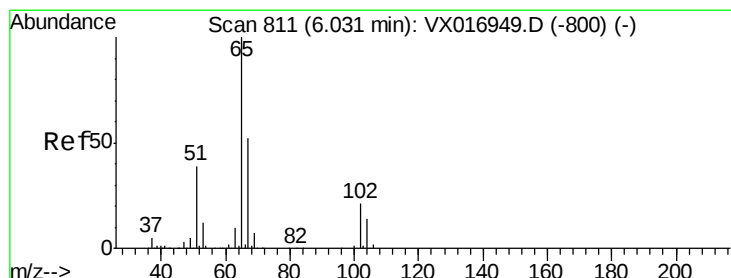
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD-(JULY)

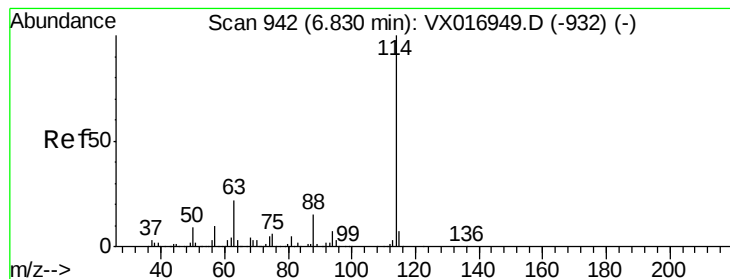
Tot Ion: 84 Resp: 3624
Ion Ratio Lower Upper
84 100
49 117.6 106.6 159.8
51 32.7 32.7 49.1#
86 59.9 53.0 79.6



#27
1,2-Dichloroethane-d4
Concen: 27.819 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017147.D
Acq: 02 Jul 2020 14:46

Tgt Ion: 65 Resp: 89247
Ion Ratio Lower Upper
65 100
67 51.9 41.5 62.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017147.D

Acq: 02 Jul 2020 14:46

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD-(JULY)

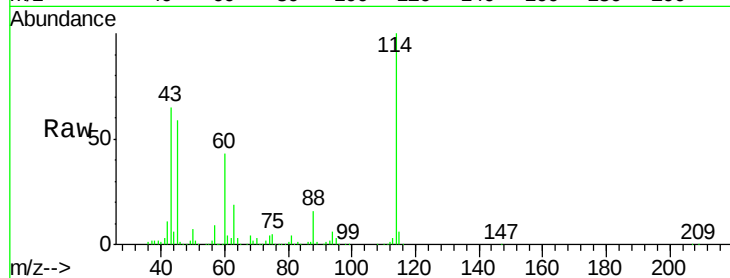
Tot Ion:114 Resp: 231087

Ion Ratio Lower Upper

114 100

63 20.0 17.4 26.2

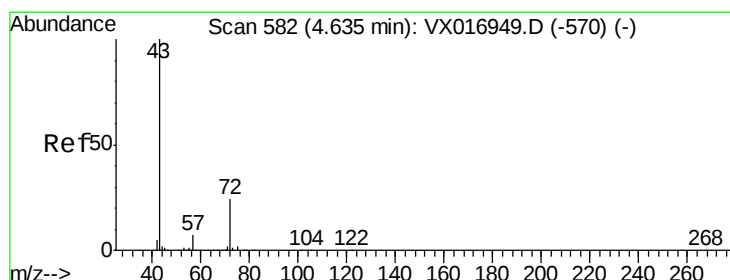
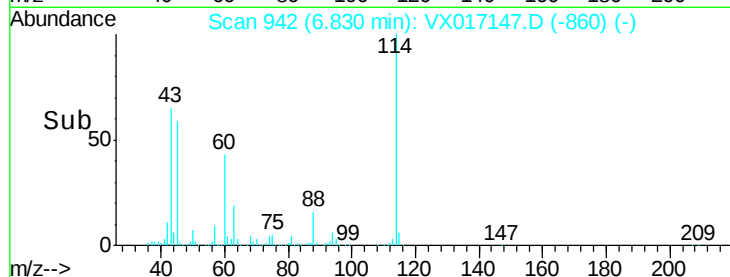
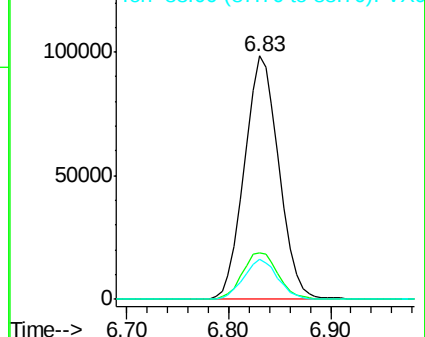
88 16.2 13.0 19.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



#30

2-Butanone

Concen: 24.905 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017147.D

Acq: 02 Jul 2020 14:46

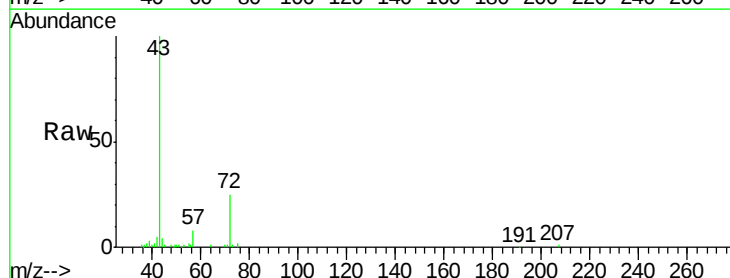
Tgt Ion: 43 Resp: 48869

Ion Ratio Lower Upper

43 100

57 8.5 6.2 9.4

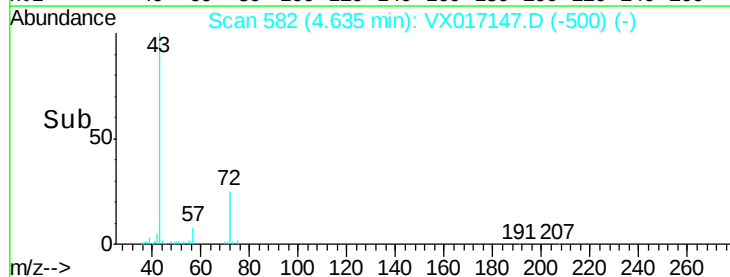
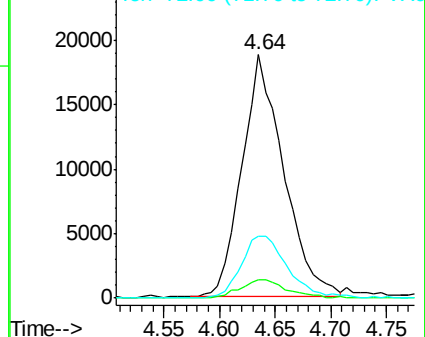
72 27.9 20.6 31.0

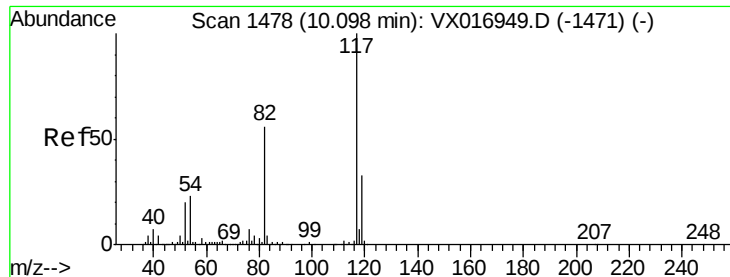


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

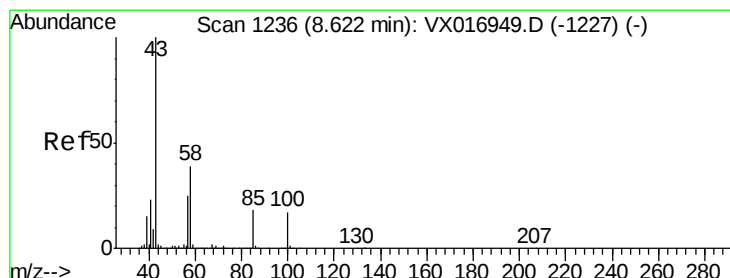
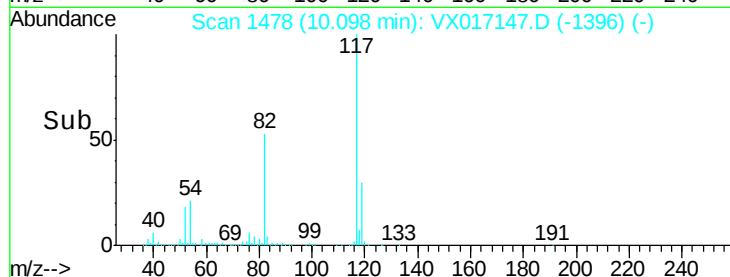
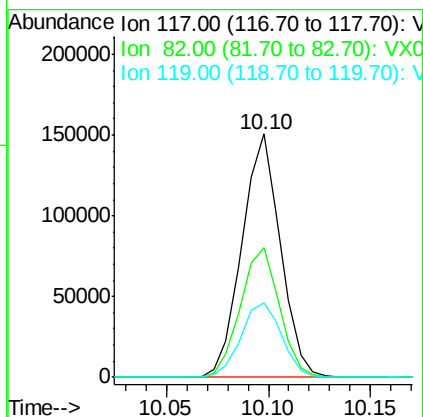
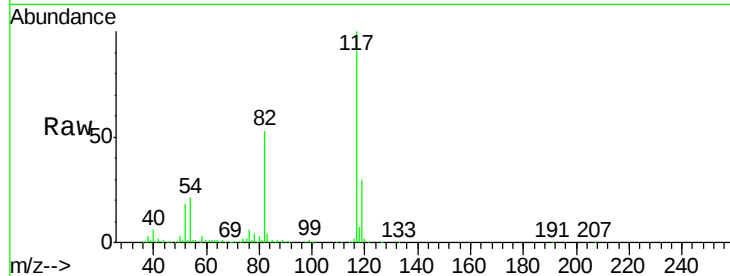




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017147.D
Acq: 02 Jul 2020 14:46

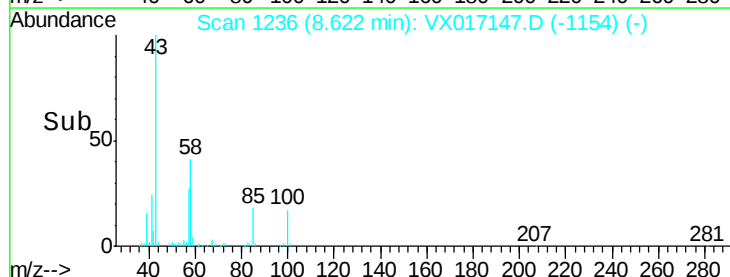
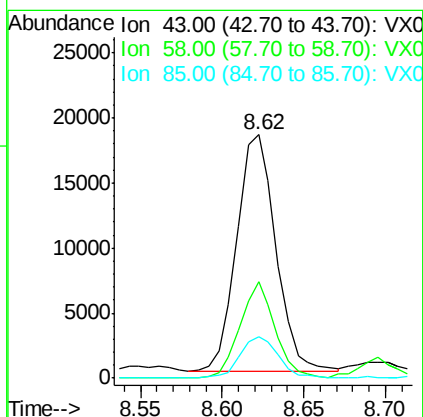
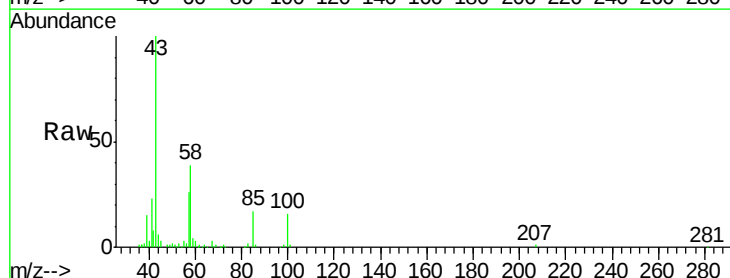
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD-(JULY)

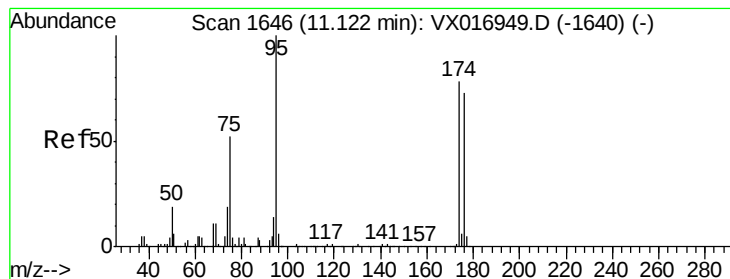
Tot Ion:117 Resp: 197661
Ion Ratio Lower Upper
117 100
82 54.4 44.9 67.3
119 32.2 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 8.439 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017147.D
Acq: 02 Jul 2020 14:46

Tgt Ion: 43 Resp: 30727
Ion Ratio Lower Upper
43 100
58 36.1 30.4 45.6
85 17.0 13.5 20.3





#60

4-Bromofluorobenzene

Concen: 29.148 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017147.D

Acq: 02 Jul 2020 14:46

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD-(JULY)

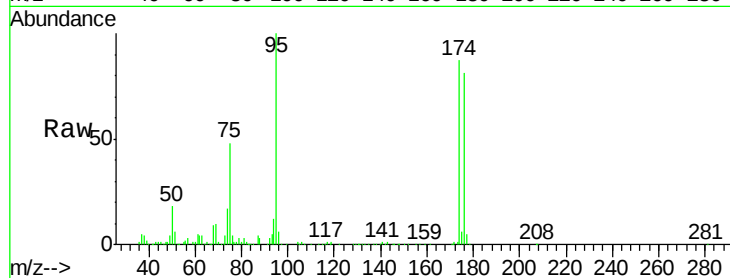
Tot Ion: 95 Resp: 96084

Ion Ratio Lower Upper

95 100

174 85.3 62.2 93.4

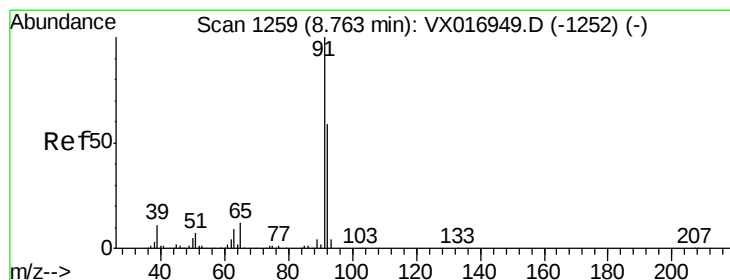
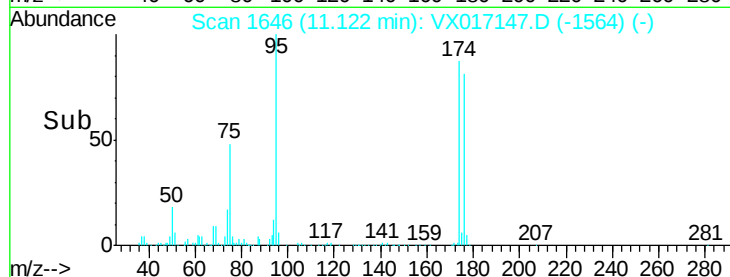
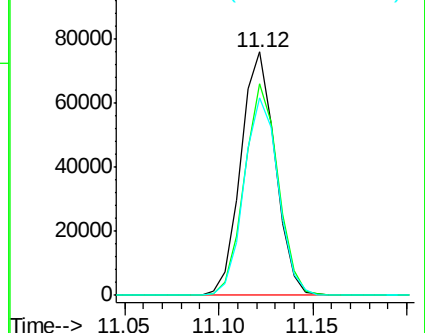
176 80.9 58.9 88.3



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



#62

Toluene

Concen: 61.578 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017147.D

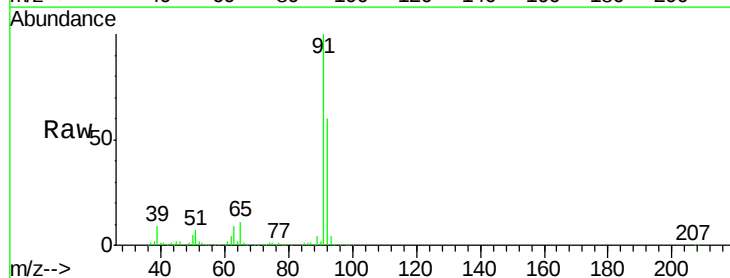
Acq: 02 Jul 2020 14:46

Tgt Ion: 91 Resp: 665724

Ion Ratio Lower Upper

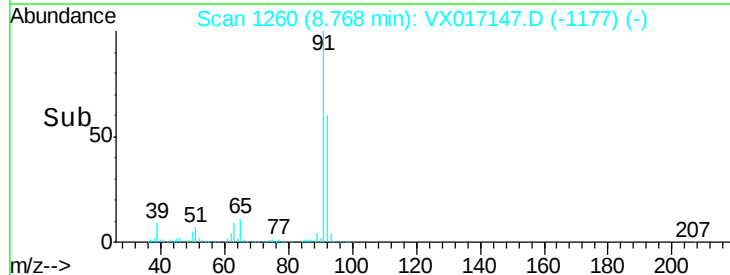
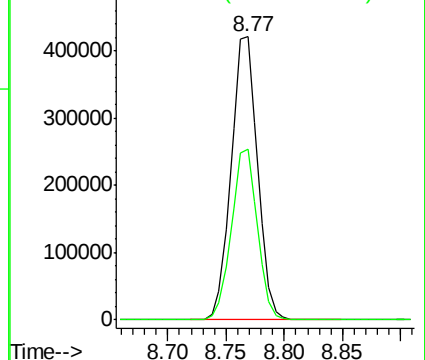
91 100

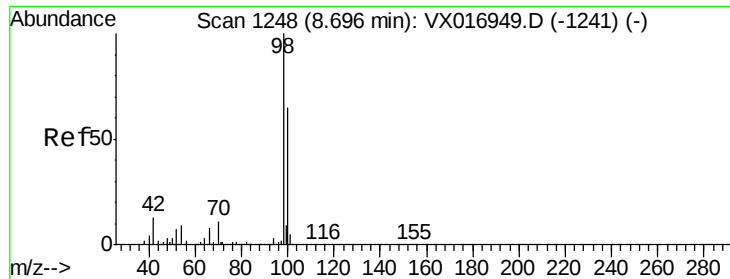
92 59.5 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 28.745 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017147.D

Acq: 02 Jul 2020 14:46

Instrument :

MSVOA_X

ClientSampleId :

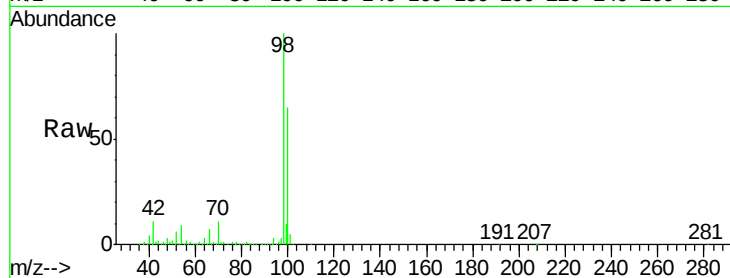
001-WILLETS-PT-BLVD-(JULY)

Tot Ion: 98 Resp: 250453

Ion Ratio Lower Upper

98 100

100 65.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

150000

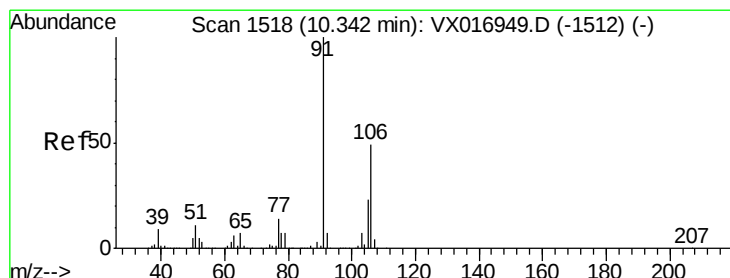
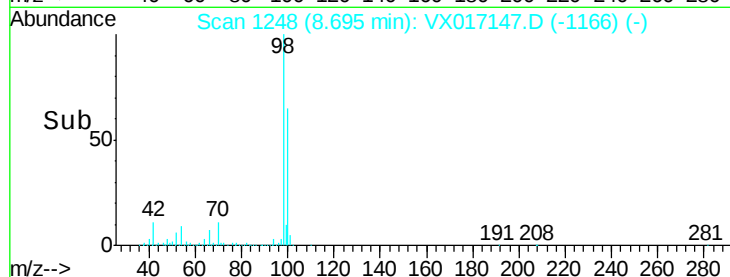
100000

50000

0

Time-->

8.60 8.65 8.70 8.75 8.80



#67

m/p-Xylenes

Concen: 0.576 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017147.D

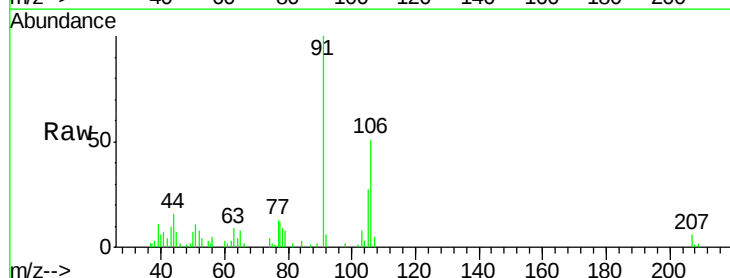
Acq: 02 Jul 2020 14:46

Tgt Ion: 106 Resp: 2606

Ion Ratio Lower Upper

106 100

91 185.9 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

4000

3000

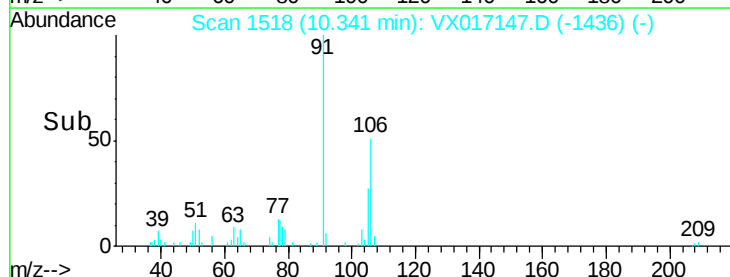
2000

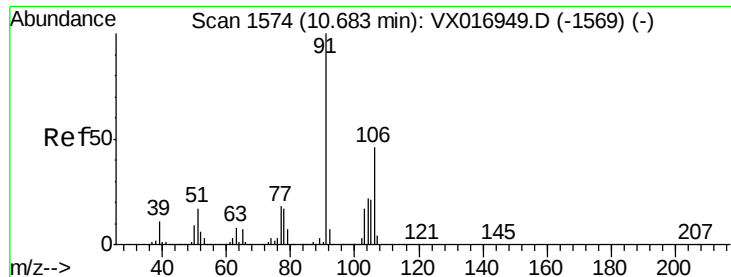
1000

0

Time-->

10.30 10.35

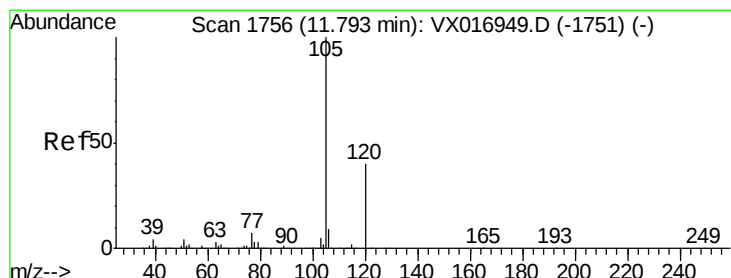
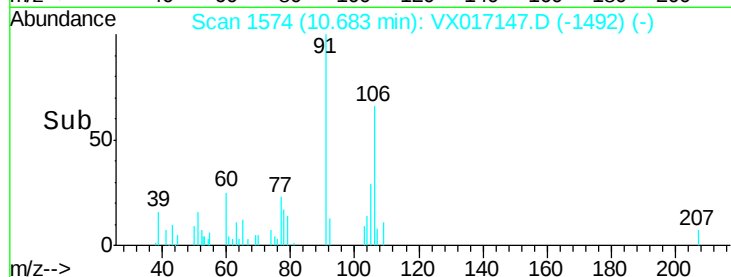
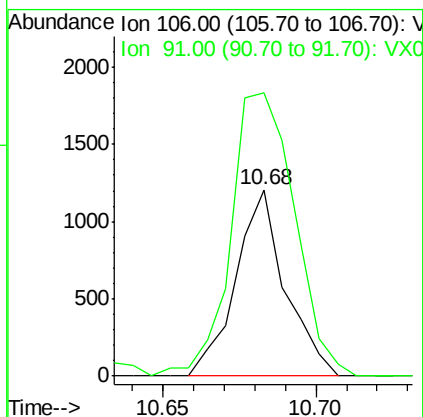
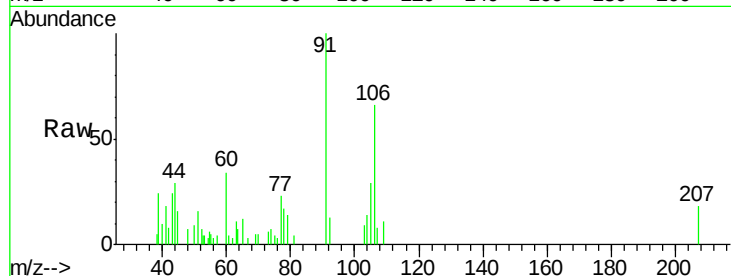




#68
o-Xylene
Concen: 0.312 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017147.D
Acq: 02 Jul 2020 14:46

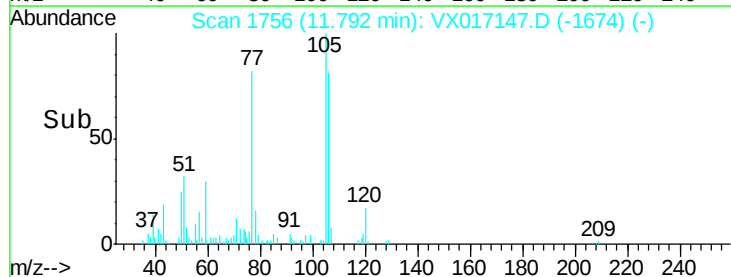
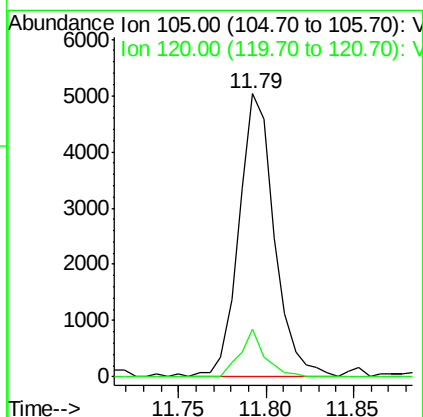
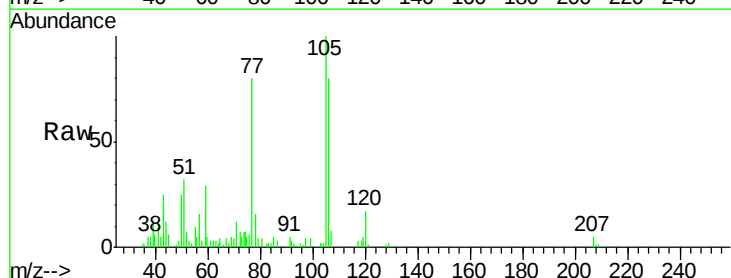
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD-(JULY)

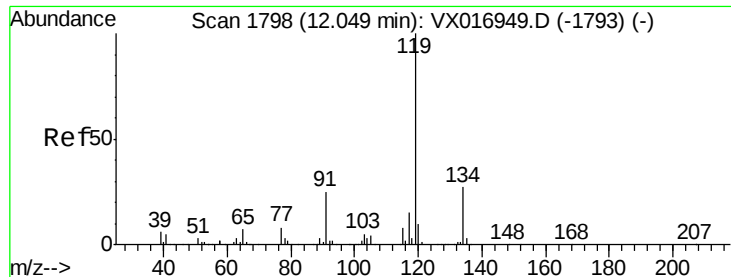
Tot Ion:106 Resp: 1354
Ion Ratio Lower Upper
106 100
91 195.6 107.3 321.9



#80
1,2,4-Trimethylbenzene
Concen: 0.713 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017147.D
Acq: 02 Jul 2020 14:46

Tgt Ion:105 Resp: 7076
Ion Ratio Lower Upper
105 100
120 11.5 0.0 89.8





#82
 p-Isopropyltoluene
 Concen: 0.726 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017147.D
 Acq: 02 Jul 2020 14:46

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

Tot Ion:	119	Resp:	7518
Ion	Ratio	Lower	Upper
119	100		
134	30.5	0.0	53.0
91	24.3	0.0	49.0

