

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090420\
 Data File : VX018259.D
 Acq On : 04 Sep 2020 14:51
 Operator : JC/SP
 Sample : L3883-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 07 08:39:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	78960	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.83	114	394731	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	377078	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	191381	30.72	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.40%
60) 4-Bromofluorobenzene	11.12	95	175612	26.87	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.57%
63) Toluene-d8	8.70	98	486802	29.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.63%

Target Compounds

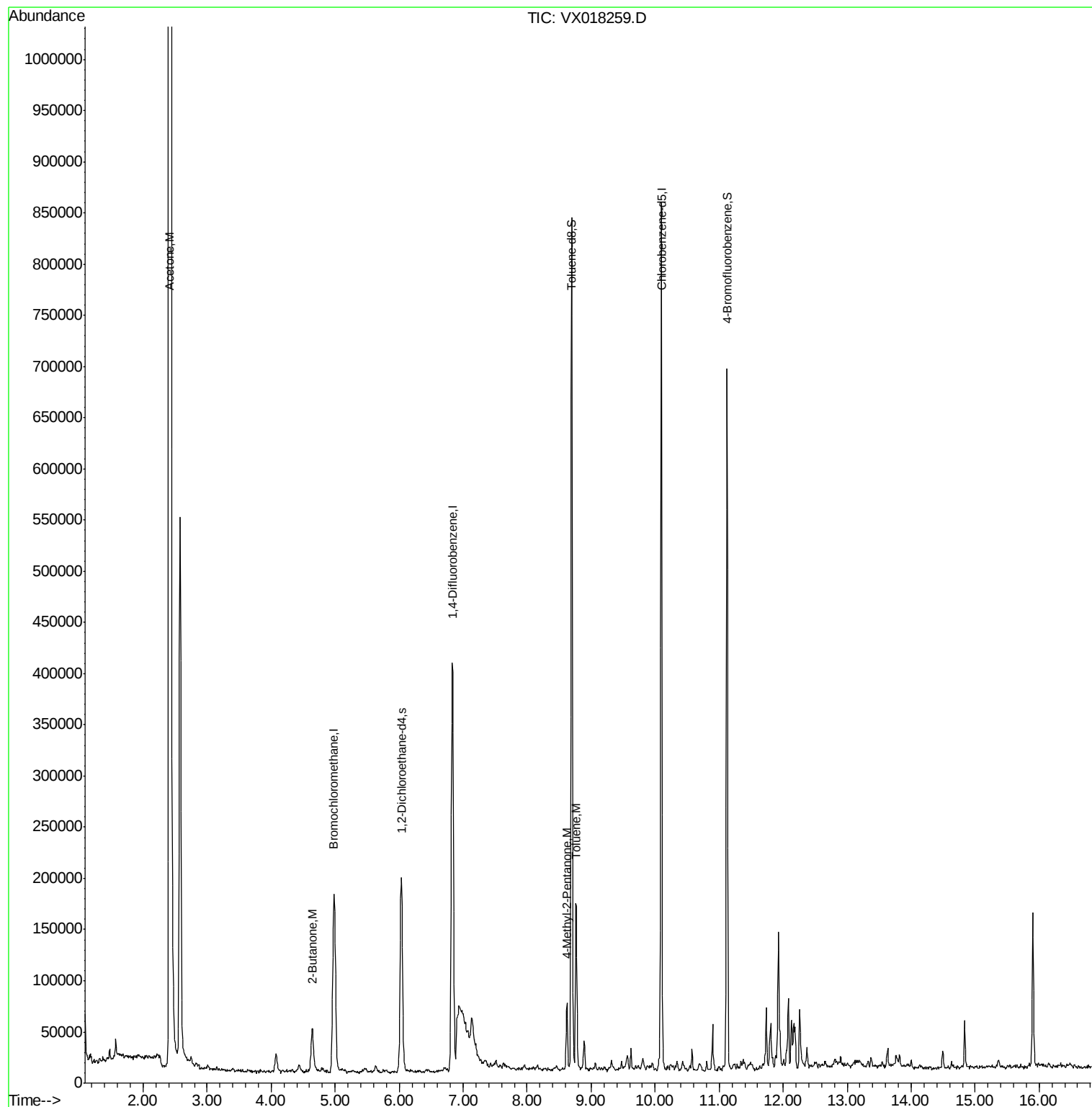
					Ovalue	
15) Acetone	2.42	58	2719299	4221.608	ug/l	93
30) 2-Butanone	4.64	43	65269	19.783	ug/l #	59
58) 4-Methyl-2-Pentanone	8.62	43	37836	5.834	ug/l	95
62) Toluene	8.77	91	102097	5.380	ug/l	99

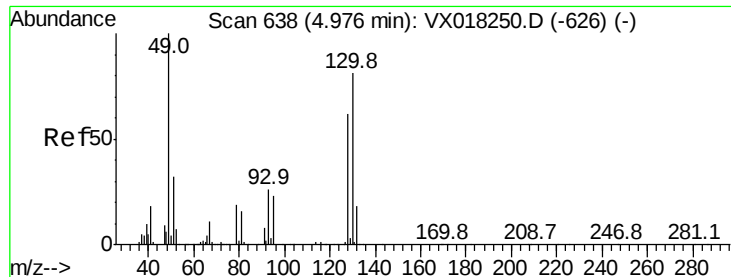
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090420\
Data File : VX018259.D
Acq On : 04 Sep 2020 14:51
Operator : JC/SP
Sample : L3883-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 07 08:39:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration



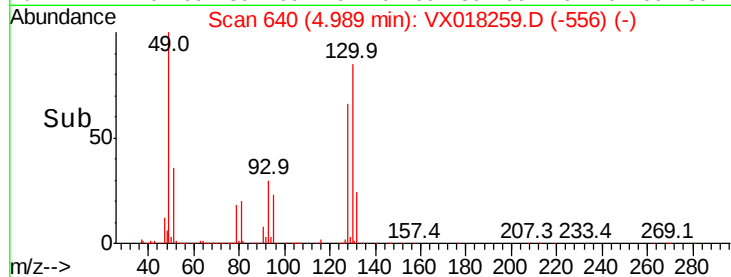
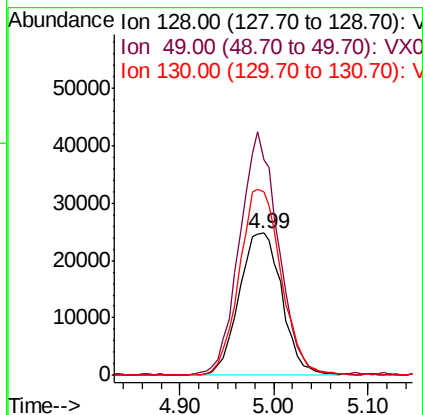
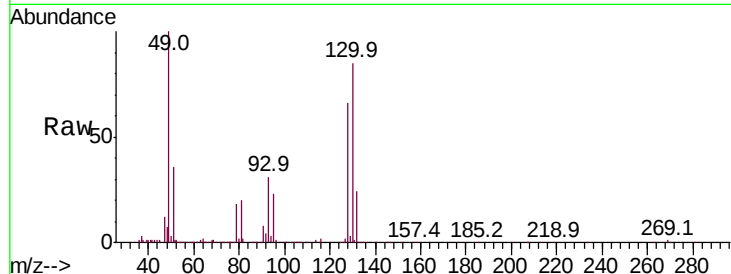


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.99 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VX018259.D
 Acq: 04 Sep 2020 14:51

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

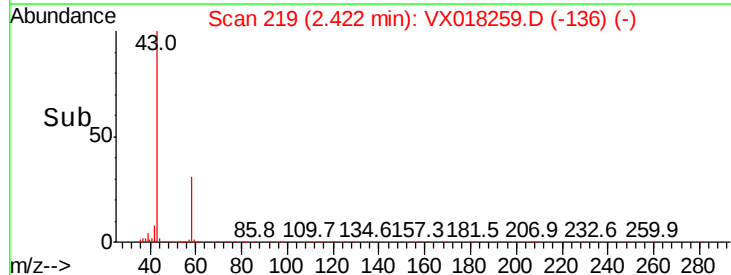
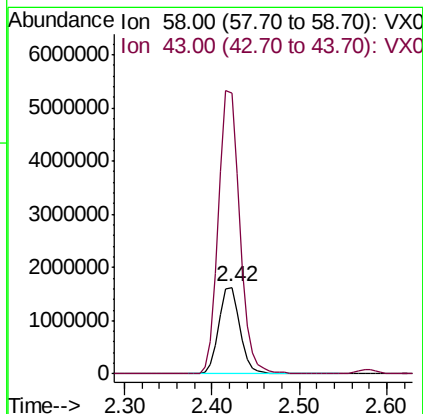
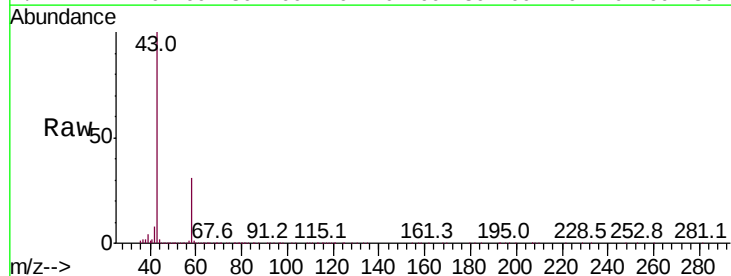
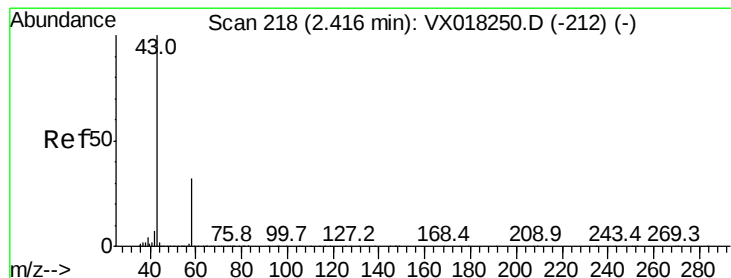
Tot Ion:128 Resp: 78960
 Ion Ratio Lower Upper
 128 100
 49 155.3 0.0 392.0
 130 128.5 0.0 320.2

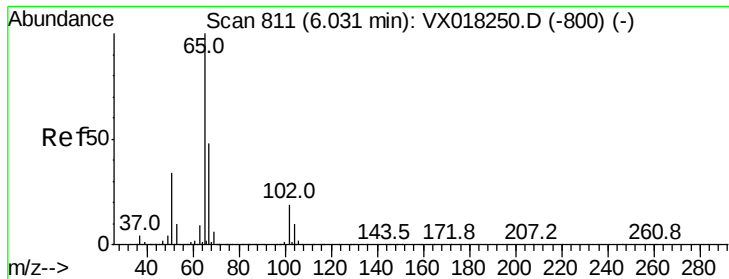


#15

Acetone
 Concen: 4221.608 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: VX018259.D
 Acq: 04 Sep 2020 14:51

Tgt Ion: 58 Resp: 2719299
 Ion Ratio Lower Upper
 58 100
 43 324.7 248.2 372.2





#27

1,2-Dichloroethane-d4

Concen: 30.722 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018259.D

Acq: 04 Sep 2020 14:51

Instrument :

MSVOA_X

ClientSampleId :

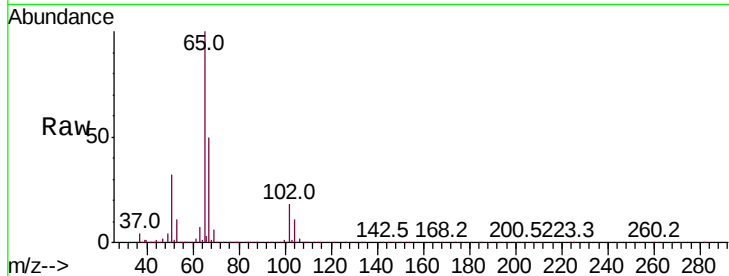
001-WILLETS-PT-BLVD-(SEP)

Tot Ion: 65 Resp: 191381

Ion Ratio Lower Upper

65 100

67 50.3 39.9 59.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

80000

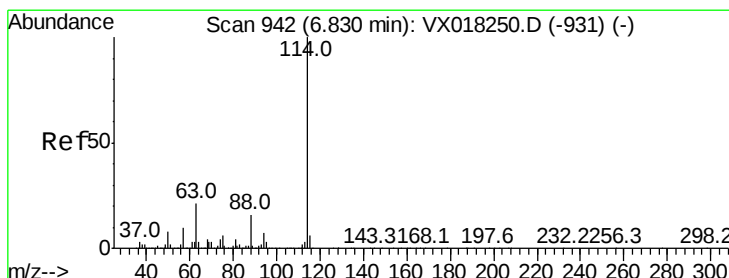
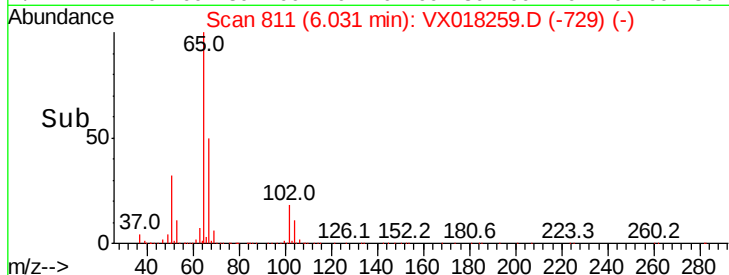
60000

40000

20000

0

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018259.D

Acq: 04 Sep 2020 14:51

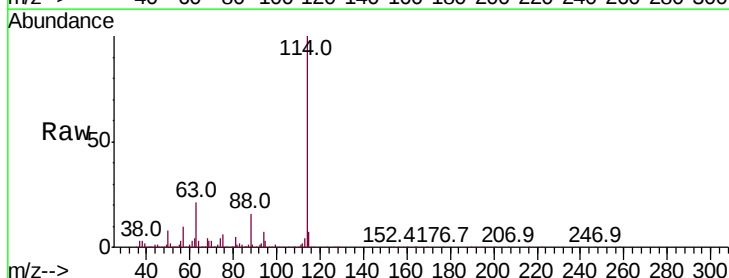
Tgt Ion:114 Resp: 394731

Ion Ratio Lower Upper

114 100

63 21.0 16.7 25.1

88 15.8 12.6 18.8



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

200000

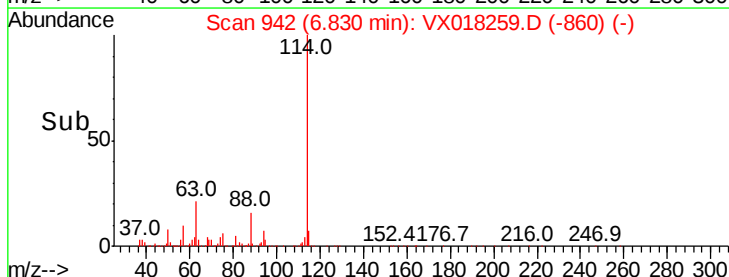
150000

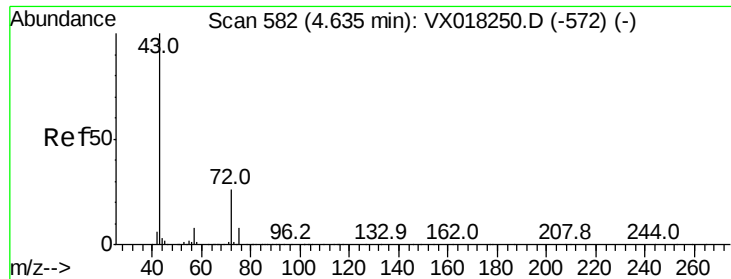
100000

50000

0

Time-->

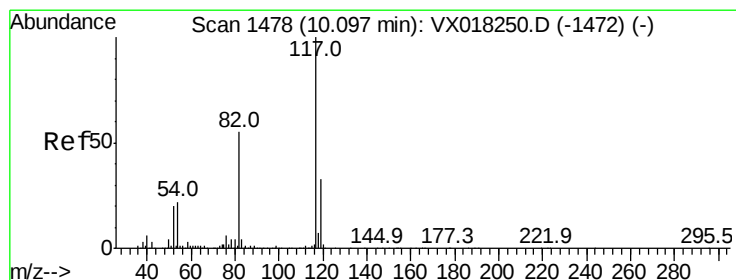
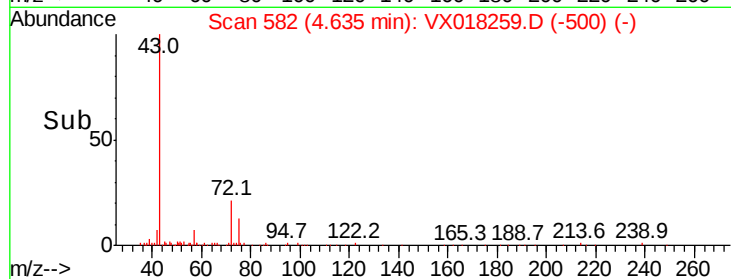
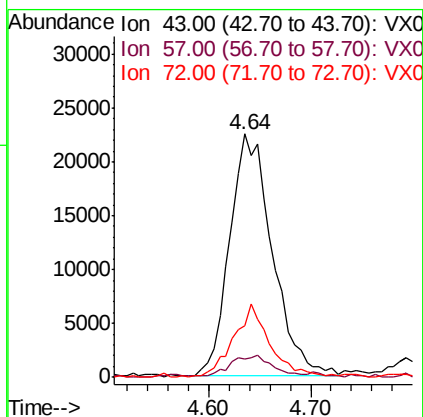
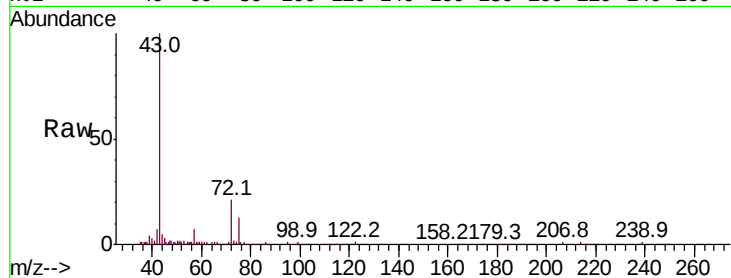




#30
2-Butanone
Concen: 19.783 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX018259.D
Acq: 04 Sep 2020 14:51

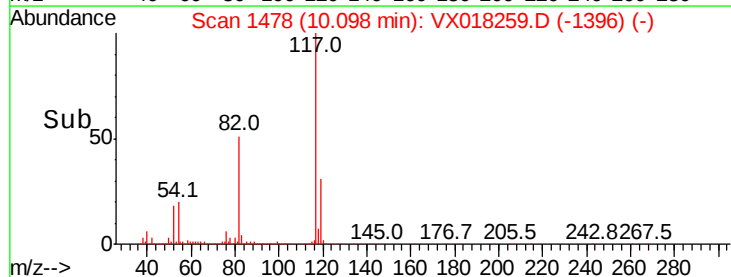
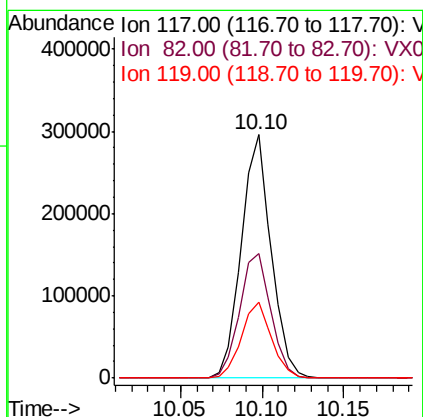
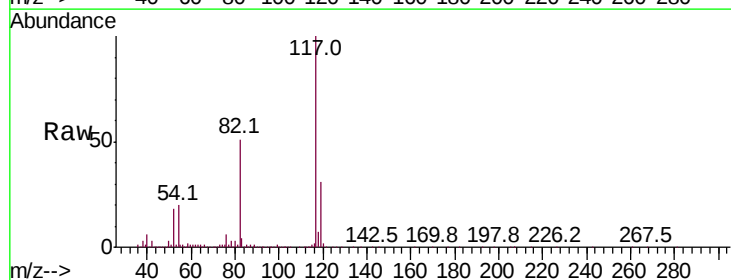
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD-(SEP)

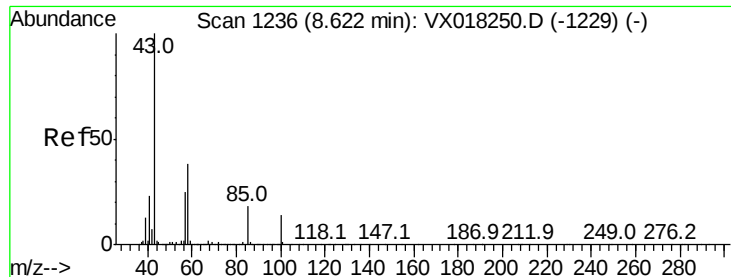
Tot Ion: 43 Resp: 65269
Ion Ratio Lower Upper
43 100
57 3.5 6.7 10.1#
72 0.0 20.0 30.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018259.D
Acq: 04 Sep 2020 14:51

Tgt Ion: 117 Resp: 377078
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.4
119 31.4 26.1 39.1





#58

4-Methyl-2-Pentanone

Concen: 5.834 ug/l

RT: 8.62 min Scan# 1236

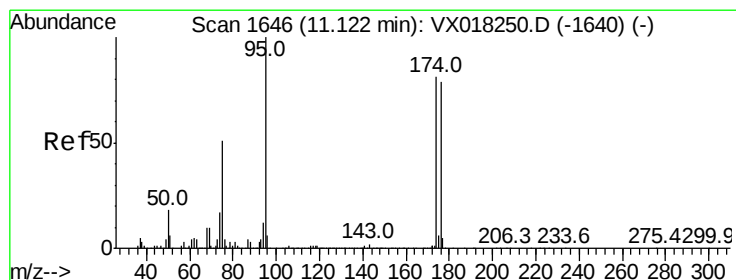
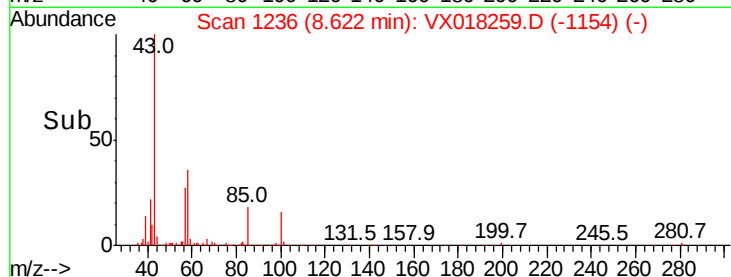
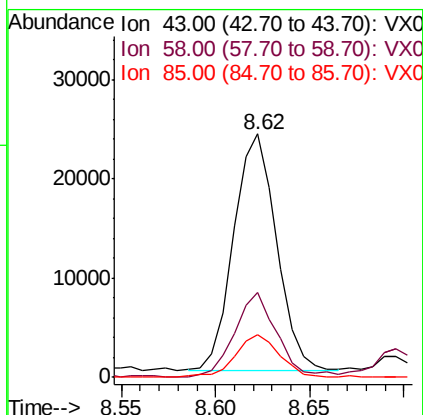
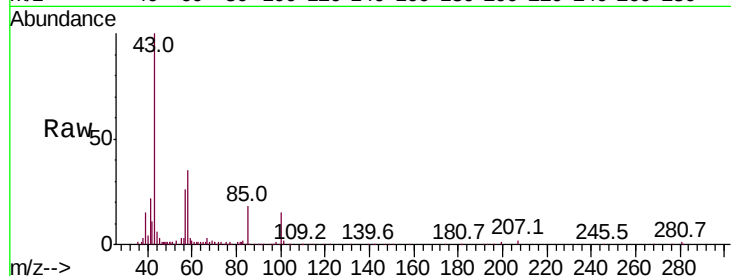
Delta R.T. 0.00 min

Lab File: VX018259.D

Acq: 04 Sep 2020 14:51

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

Tot Ion:	43	Resp:	37836
Ion	Ratio	Lower	Upper
43	100		
58	33.9	30.0	45.0
85	18.6	14.2	21.4



#60

4-Bromofluorobenzene

Concen: 26.870 ug/l

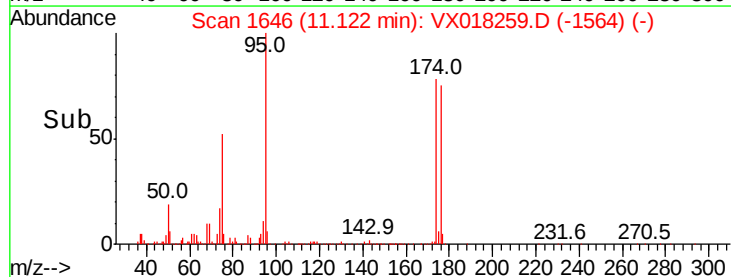
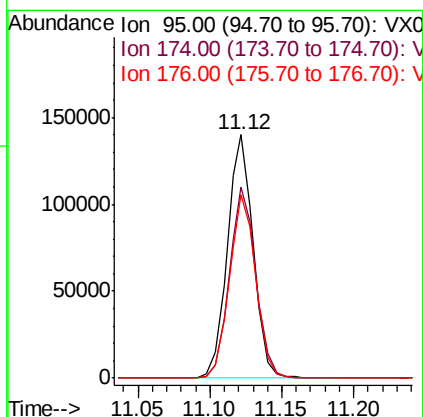
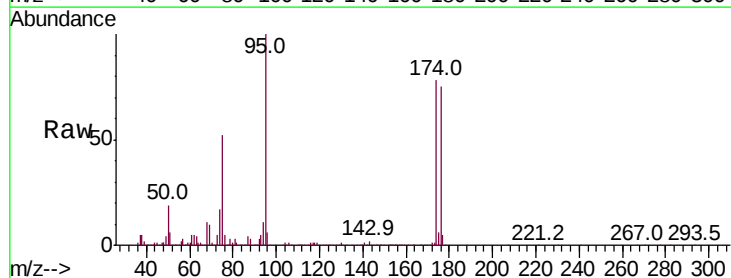
RT: 11.12 min Scan# 1646

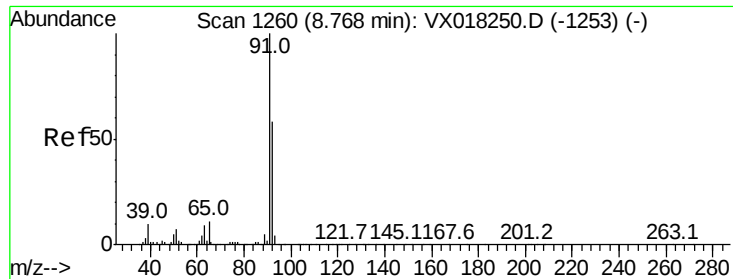
Delta R.T. 0.00 min

Lab File: VX018259.D

Acq: 04 Sep 2020 14:51

Tgt Ion:	95	Resp:	175612
Ion	Ratio	Lower	Upper
95	100		
174	80.3	64.2	96.4
176	76.9	62.2	93.4





#62

Toluene

Concen: 5.380 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018259.D

Acq: 04 Sep 2020 14:51

Instrument :

MSVOA_X

ClientSampleId :

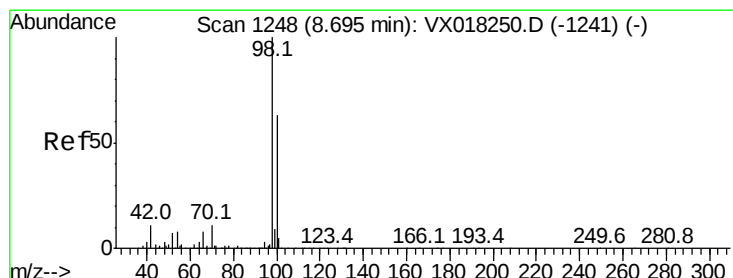
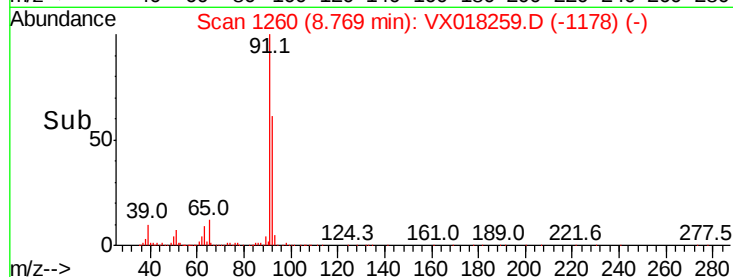
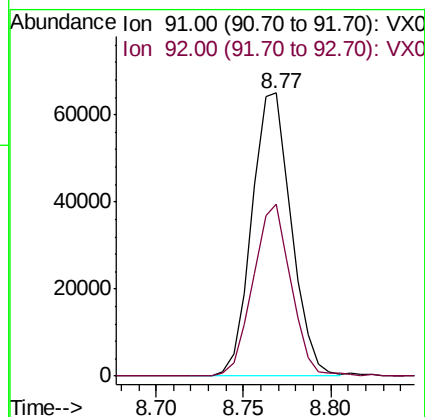
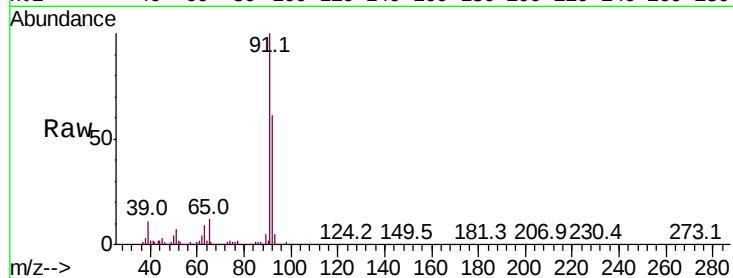
001-WILLETS-PT-BLVD-(SEP)

Tot Ion: 91 Resp: 102097

Ion Ratio Lower Upper

91 100

92 58.0 46.9 70.3



#63

Toluene-d8

Concen: 29.290 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018259.D

Acq: 04 Sep 2020 14:51

Tgt Ion: 98 Resp: 486802

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.0

