

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058560.D
 Acq On : 7 Oct 2019 12:34
 Operator : JC/SP
 Sample : K5227-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD-(OCT)

Quant Time: Oct 08 14:55:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.17	128	79043	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	464747	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	403375	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	212843	30.46	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.53%
60) 4-Bromofluorobenzene	12.41	95	199116	28.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.10%
63) Toluene-d8	10.09	98	573051	29.77	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.23%

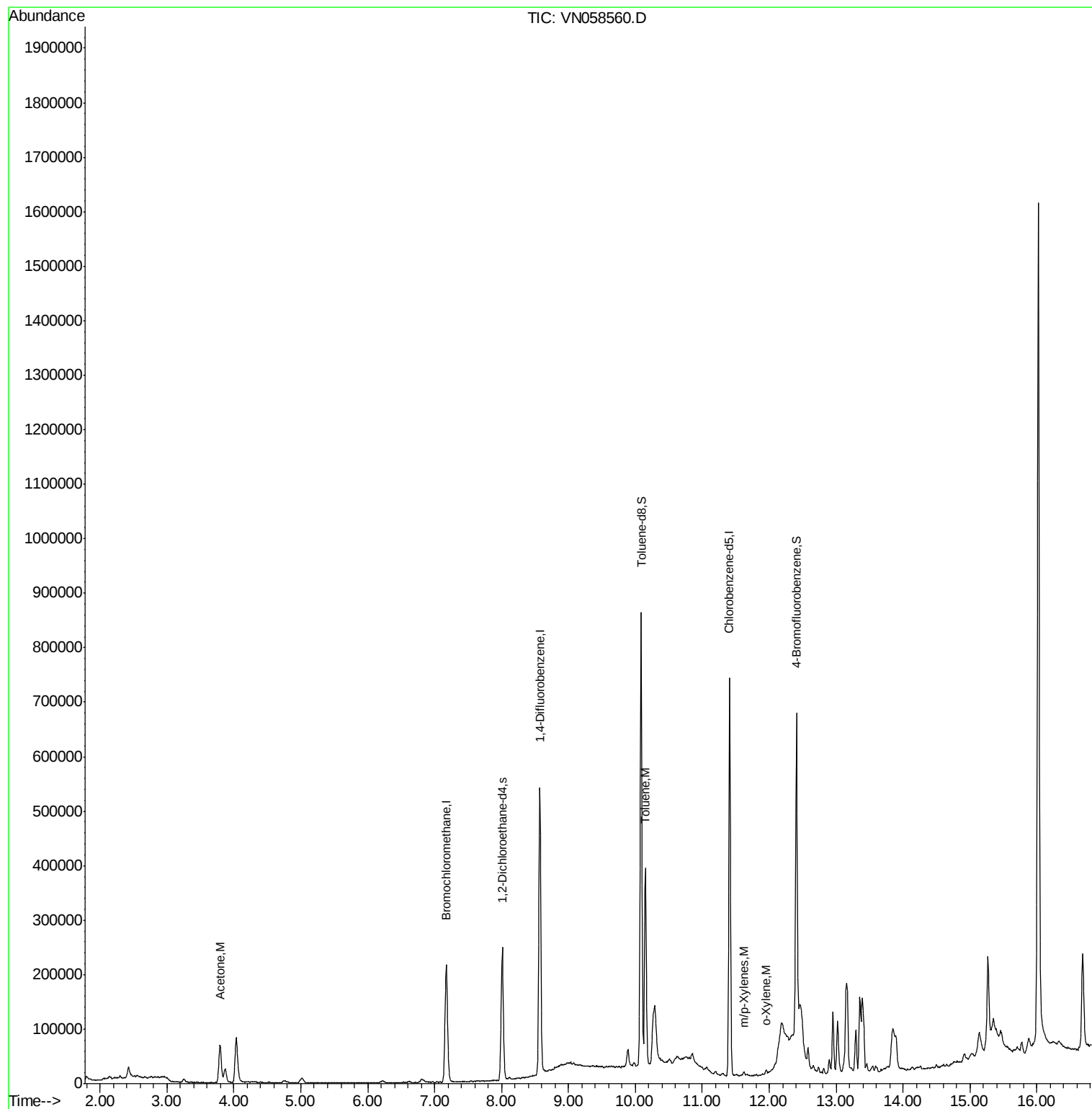
Target Compounds					Ovalue
15) Acetone	3.80	58	34167	51.638 ug/l	96
62) Toluene	10.15	91	273286	12.370 ug/l	100
67) m/p-Xylenes	11.63	106	2329	0.252 ug/l	100
68) o-Xylene	11.95	106	1914	0.213 ug/l	78

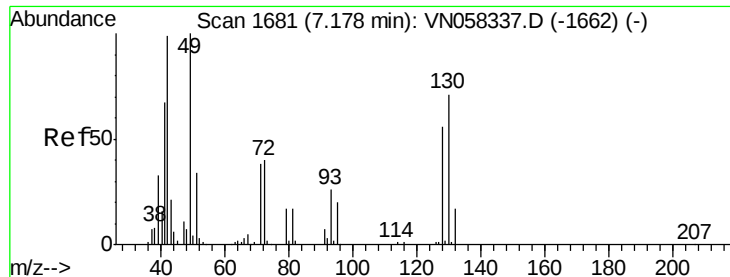
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VN058560.D

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MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD-(OCT)

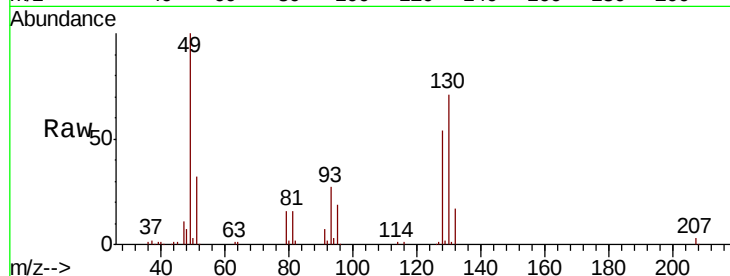
Tot Ion:128 Resp: 79043

Ion Ratio Lower Upper

128 100

49 185.2 0.0 458.5

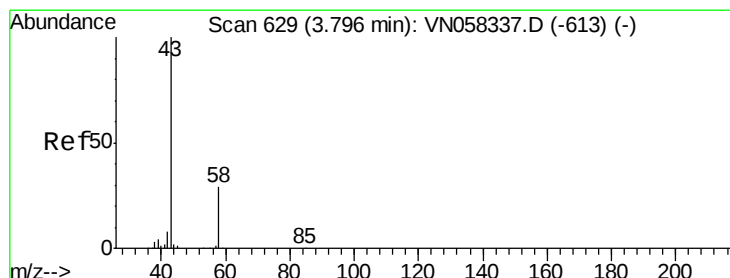
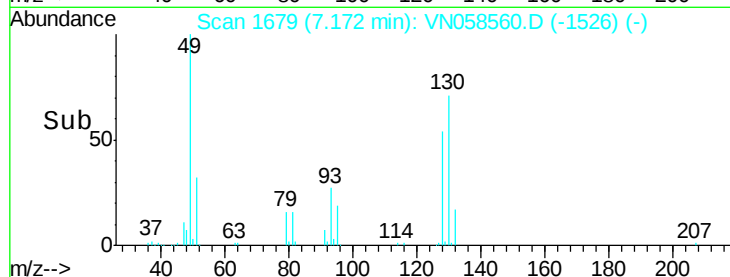
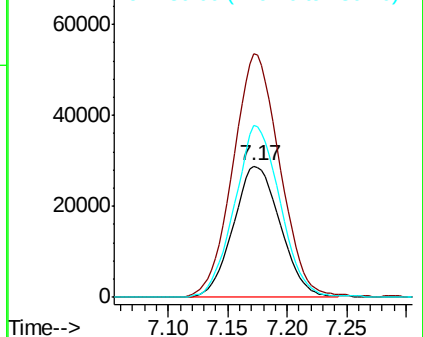
130 126.8 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 51.638 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN058560.D

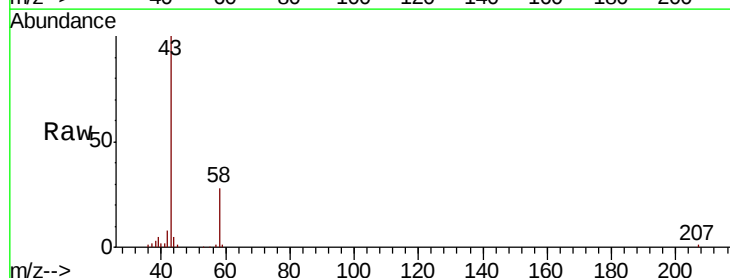
Acq: 7 Oct 2019 12:34

Tgt Ion: 58 Resp: 34167

Ion Ratio Lower Upper

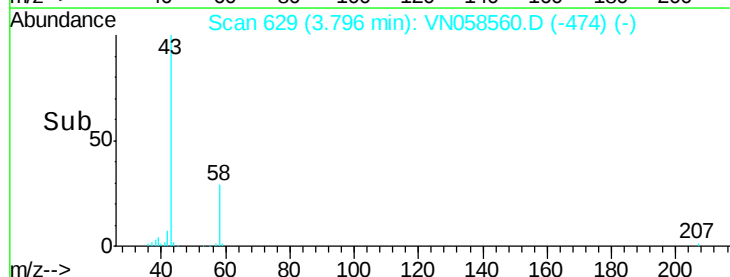
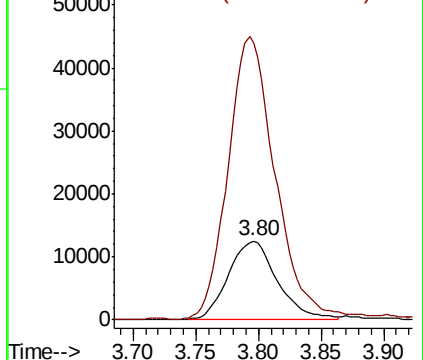
58 100

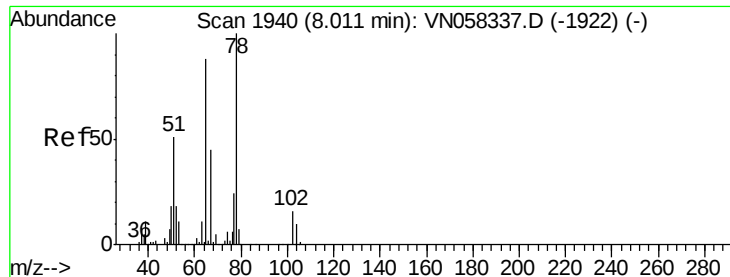
43 348.7 272.6 409.0



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 30.461 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN058560.D

Acq: 7 Oct 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

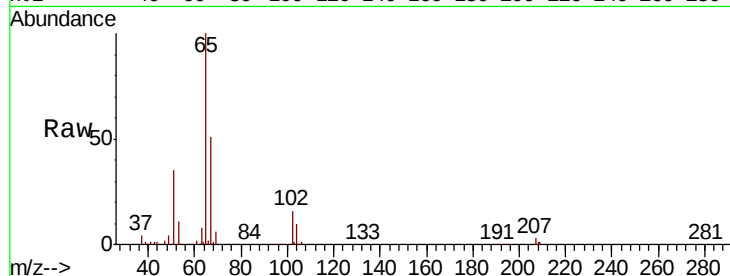
001-WILLETS-PT-BLVD-(OCT)

Tot Ion: 65 Resp: 212843

Ion Ratio Lower Upper

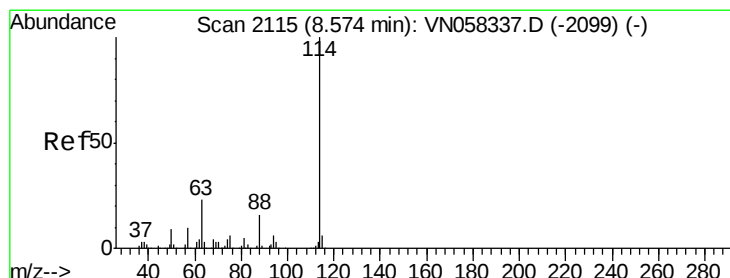
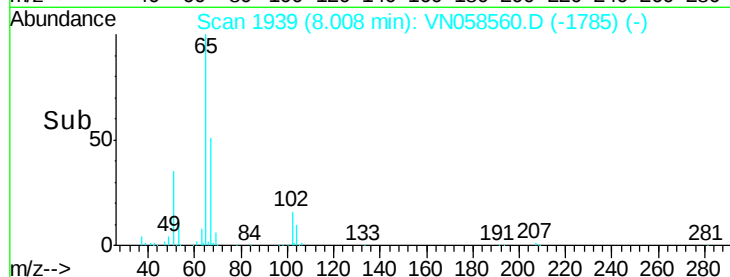
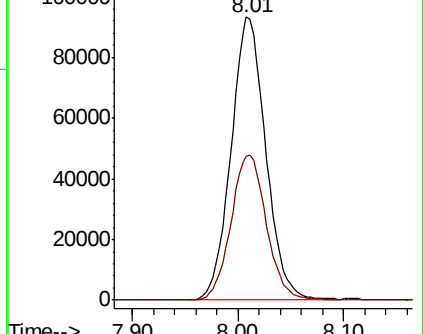
65 100

67 52.3 40.4 60.6



Abundance Ion 65.00 (64.70 to 65.70): VN058337.D (-1922) (-)

Ion 67.00 (66.70 to 67.70): VN058337.D (-1922) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VN058560.D

Acq: 7 Oct 2019 12:34

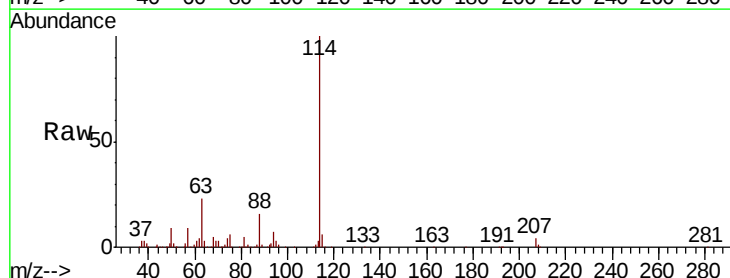
Tgt Ion: 114 Resp: 464747

Ion Ratio Lower Upper

114 100

63 22.3 17.8 26.8

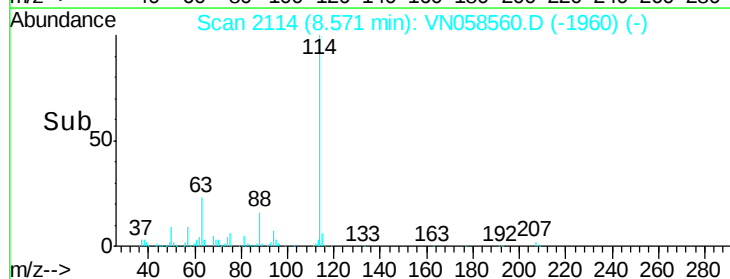
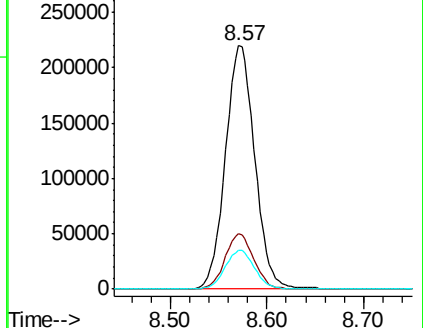
88 16.1 12.7 19.1

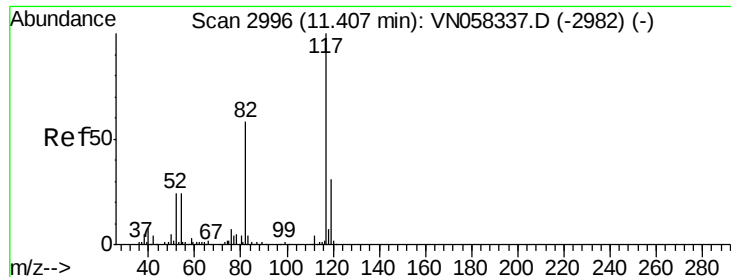


Abundance Ion 114.00 (113.70 to 114.70): VN058337.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN058337.D (-2099) (-)

Ion 88.00 (87.70 to 88.70): VN058337.D (-2099) (-)

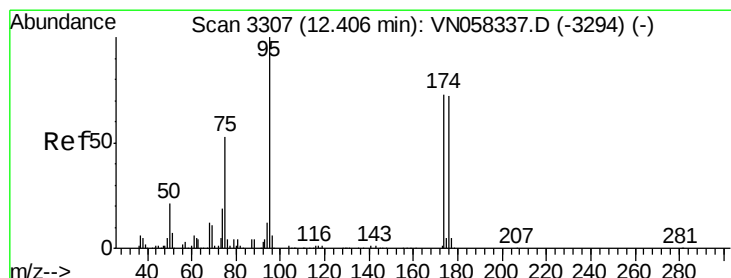
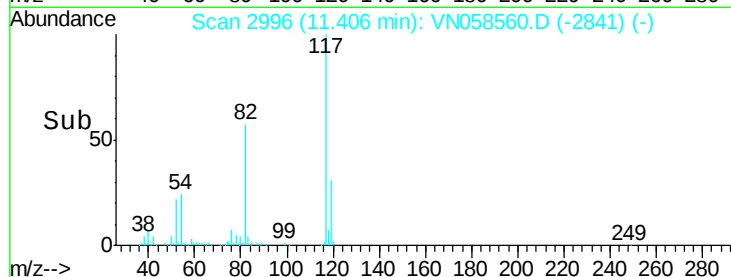
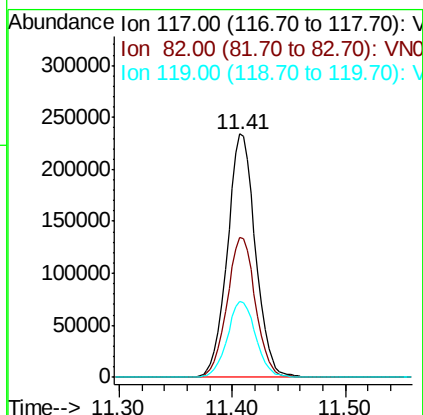
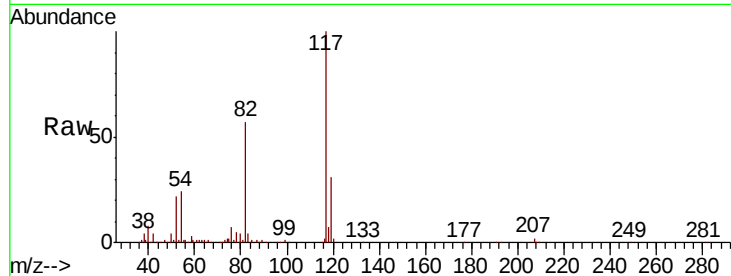




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058560.D
Acq: 7 Oct 2019 12:34

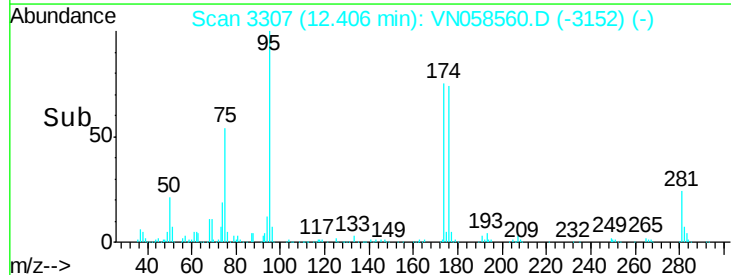
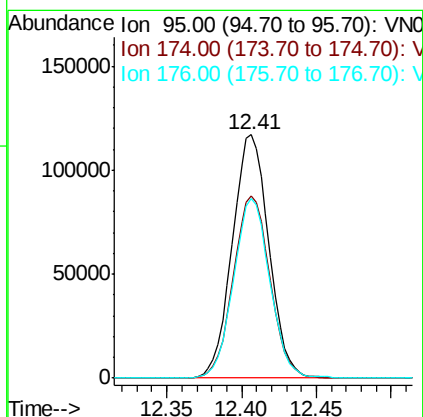
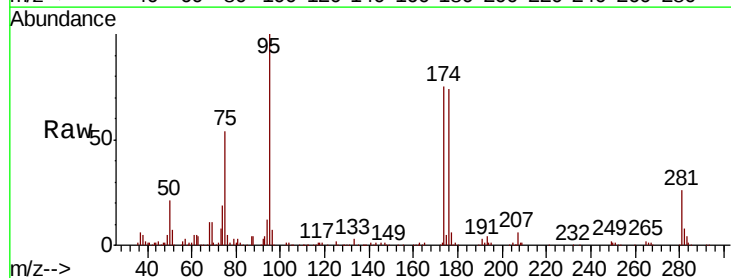
Instrument :
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001-WILLETS-PT-BLVD-(OCT)

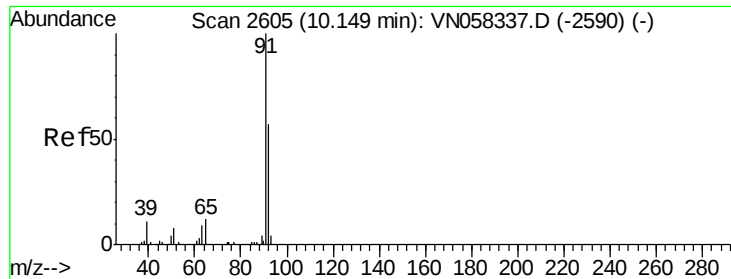
Tot Ion:117 Resp: 403375
Ion Ratio Lower Upper
117 100
82 58.5 46.4 69.6
119 31.5 25.1 37.7



#60
4-Bromofluorobenzene
Concen: 28.528 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN058560.D
Acq: 7 Oct 2019 12:34

Tgt Ion: 95 Resp: 199116
Ion Ratio Lower Upper
95 100
174 75.1 59.0 88.6
176 72.8 58.2 87.2





#62

Toluene

Concen: 12.370 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058560.D

Acq: 7 Oct 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

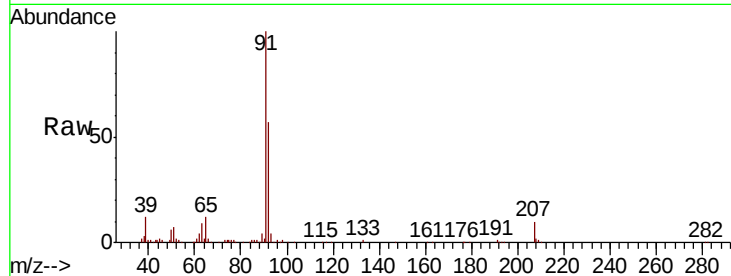
001-WILLETS-PT-BLVD-(OCT)

Tot Ion: 91 Resp: 273286

Ion Ratio Lower Upper

91 100

92 56.9 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

10.15

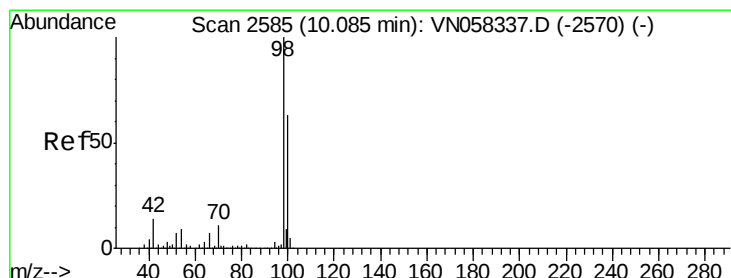
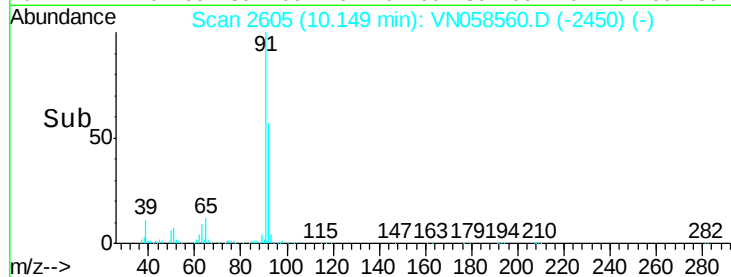
150000

100000

50000

0

Time-->



#63

Toluene-d8

Concen: 29.768 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058560.D

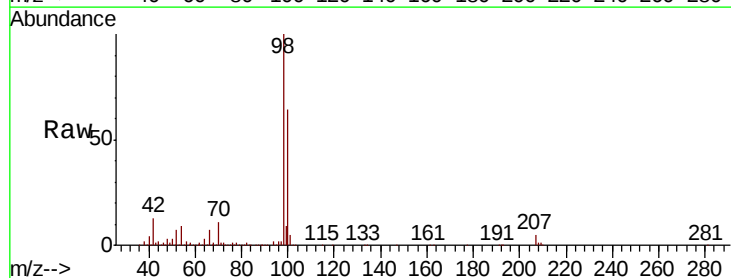
Acq: 7 Oct 2019 12:34

Tgt Ion: 98 Resp: 573051

Ion Ratio Lower Upper

98 100

100 64.2 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

10.09

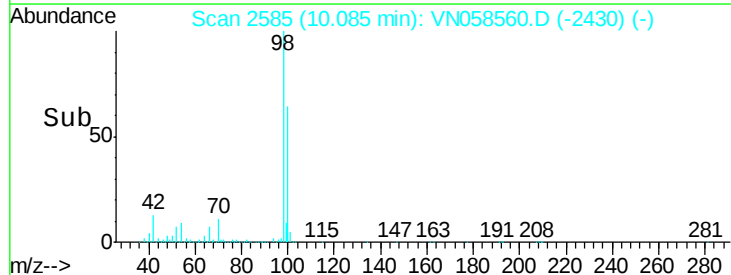
300000

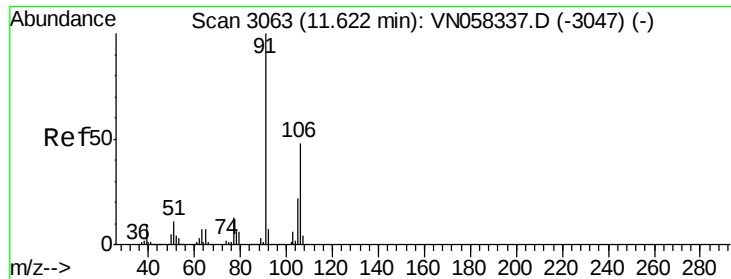
200000

100000

0

Time-->

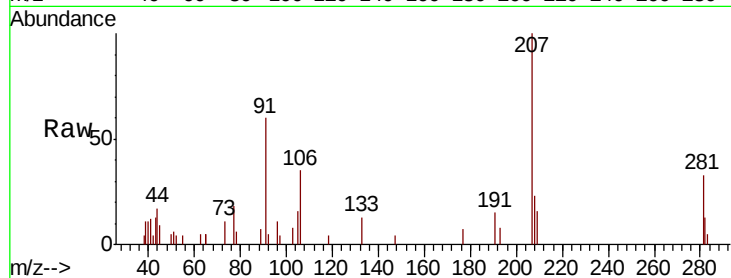




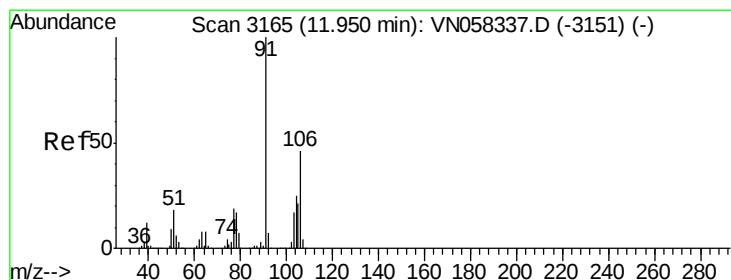
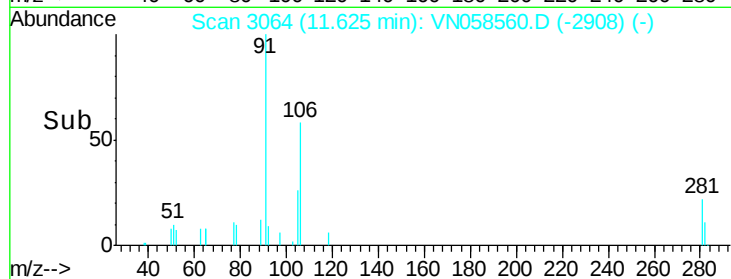
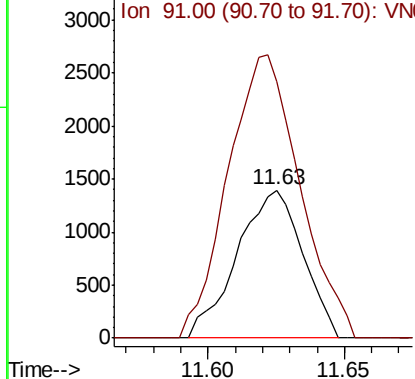
#67
m/p-Xylenes
Concen: 0.252 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN058560.D
Acq: 7 Oct 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD-(OCT)

Tot Ion:106 Resp: 2329
Ion Ratio Lower Upper
106 100
91 209.5 167.8 251.6

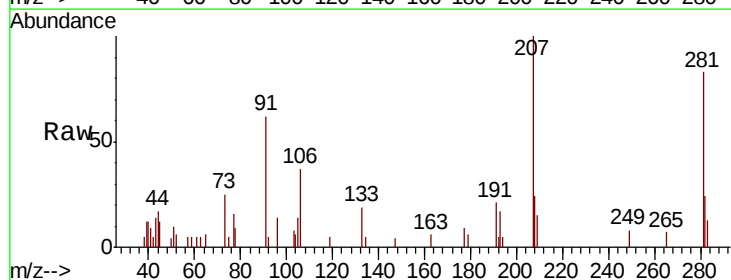


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN



#68
o-Xylene
Concen: 0.213 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN058560.D
Acq: 7 Oct 2019 12:34

Tgt Ion:106 Resp: 1914
Ion Ratio Lower Upper
106 100
91 182.4 108.7 325.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

