

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060619\
 Data File : VN056022.D
 Acq On : 5 Jun 2019 22:38
 Operator : JC/SP
 Sample : K3180-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Jun 06 04:12:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	56508	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	302608	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	250500	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	106829	30.44	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.47%
60) 4-Bromofluorobenzene	12.40	95	97276	26.20	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	87.33%
63) Toluene-d8	10.09	98	353679	31.12	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.73%

Target Compounds

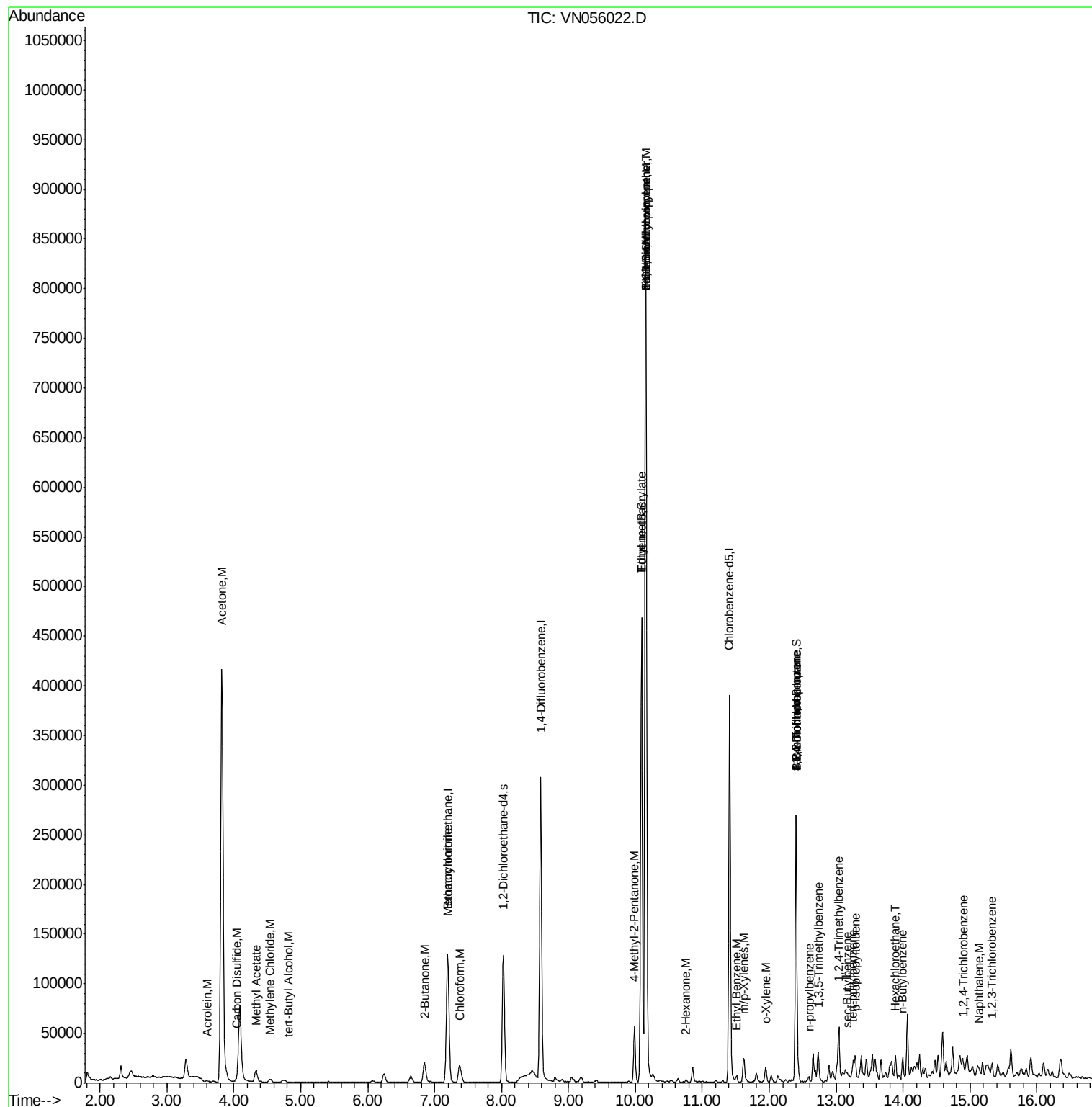
					Ovalue
12) Methyl Acetate	4.33	43	20962	5.914	ug/l 97
13) Acrolein	3.60	56	649	3.757	ug/l # 62
15) Acetone	3.82	58	231981	448.211	ug/l 98
16) Carbon Disulfide	4.04	76	6074	0.865	ug/l # 94
18) Methylene Chloride	4.54	84	1480	0.433	ug/l 93
23) tert-Butyl Alcohol	4.82	59	179	0.291	ug/l # 100
25) Chloroform	7.37	83	19569	3.561	ug/l 98
30) 2-Butanone	6.85	43	37615	17.456	ug/l # 74
35) Methacrylonitrile	7.21	41	762	0.419	ug/l # 26
48) t-1,3-Dichloropropene	10.16	75	4000	0.958	ug/l # 1
49) cis-1,3-Dichloropropene	10.16	75	4000	0.818	ug/l # 1
51) Ethyl methacrylate	10.09	69	1129	0.227	ug/l 66
55) 2-Chloroethyl vinyl ether	10.16	63	49455	28.370	ug/l # 1
56) Bromoform	12.40	173	617	0.265	ug/l # 1
58) 4-Methyl-2-Pentanone	9.99	43	39578	10.434	ug/l 97
59) 2-Hexanone	10.76	43	2379	0.877	ug/l # 78
62) Toluene	10.16	91	724020	53.540	ug/l 99
66) Ethyl Benzene	11.51	91	5646	0.392	ug/l 93
67) m/p-Xylenes	11.62	106	8192	1.486	ug/l 96
68) o-Xylene	11.95	106	4004	0.742	ug/l 99
72) 1,2,3-Trichloropropane	12.40	75	44154	11.997	ug/l 1
74) n-propylbenzene	12.59	91	5884	0.395	ug/l 97
76) 1,3,5-Trimethylbenzene	12.73	105	11458	0.988	ug/l 96
77) t-1,4-Dichloro-2-butene	12.40	75	44154	42.044	ug/l # 11
79) tert-butylbenzene	13.24	119	2890	0.281	ug/l 61
80) 1,2,4-Trimethylbenzene	13.04	105	34216	3.032	ug/l 96
81) sec-Butylbenzene	13.17	105	3215	0.247	ug/l 66
82) p-Isopropyltoluene	13.29	119	11609	0.988	ug/l 97
85) n-Butylbenzene	13.99	91	2132	0.243	ug/l 48
86) Hexachloroethane	13.89	117	1044	0.570	ug/l # 2
89) 1,2,4-Trichlorobenzene	14.91	180	928	8.773	ug/l # 68
91) Naphthalene	15.13	128	6426	0.816	ug/l # 96
92) 1,2,3-Trichlorobenzene	15.32	180	1231	0.397	ug/l # 60

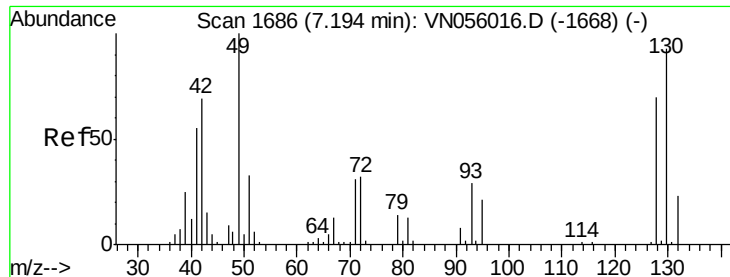
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060619\
Data File : VN056022.D
Acq On : 5 Jun 2019 22:38
Operator : JC/SP
Sample : K3180-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Jun 06 04:12:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jun 06 04:02:53 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056022.D

Acq: 5 Jun 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)

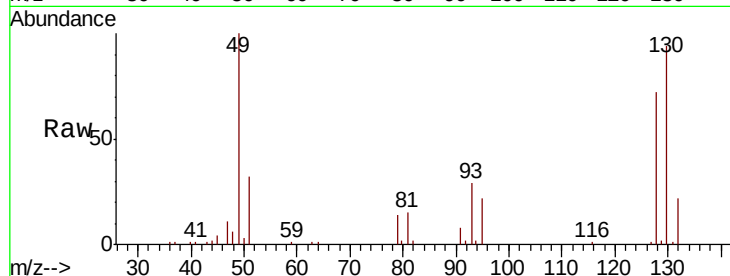
Tot Ion:128 Resp: 56508

Ion Ratio Lower Upper

128 100

49 137.5 0.0 355.8

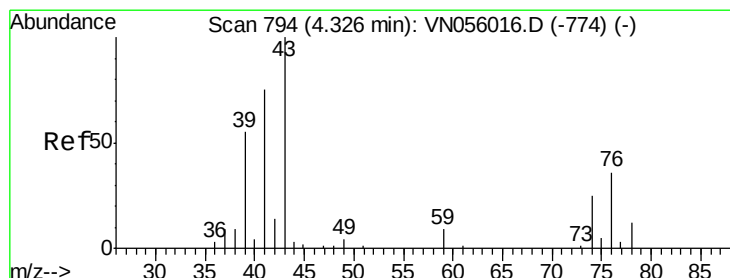
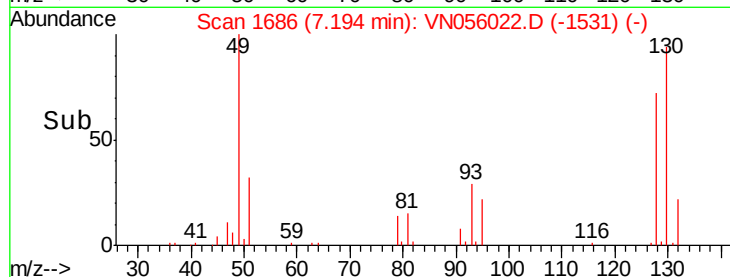
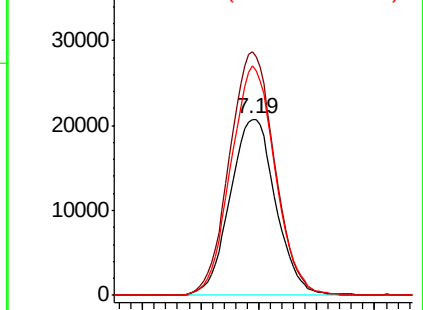
130 127.3 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#12

Methyl Acetate

Concen: 5.914 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN056022.D

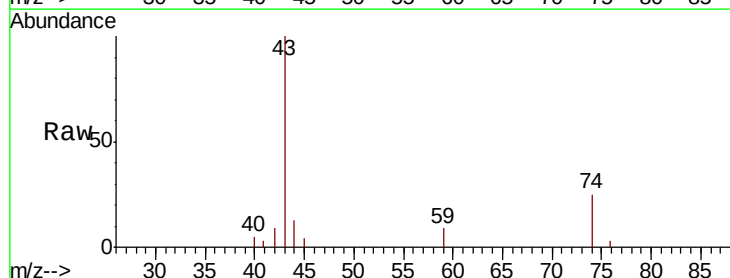
Acq: 5 Jun 2019 22:38

Tgt Ion: 43 Resp: 20962

Ion Ratio Lower Upper

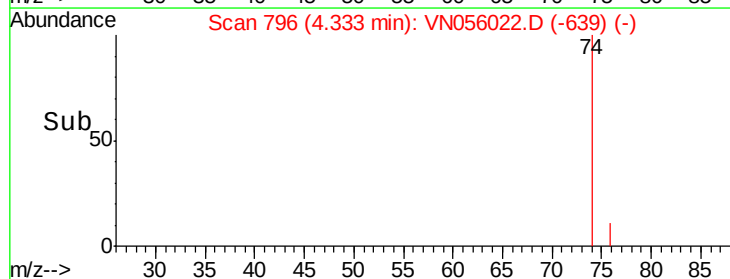
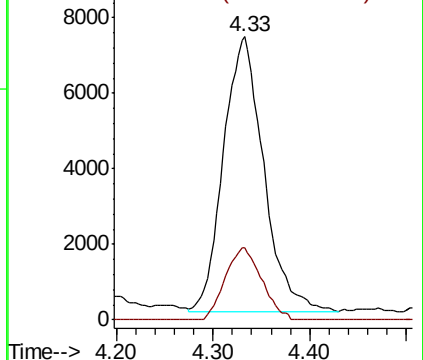
43 100

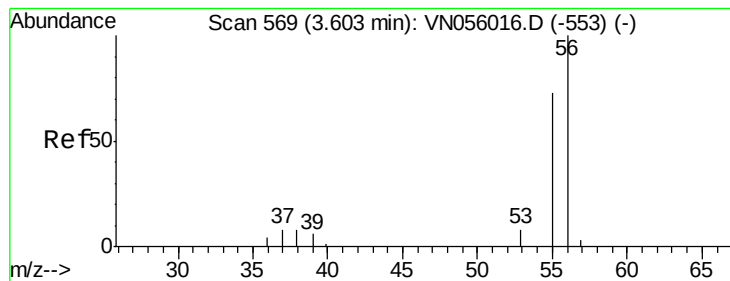
74 26.3 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN





#13

Acrolein

Concen: 3.757 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN056022.D

Acq: 5 Jun 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

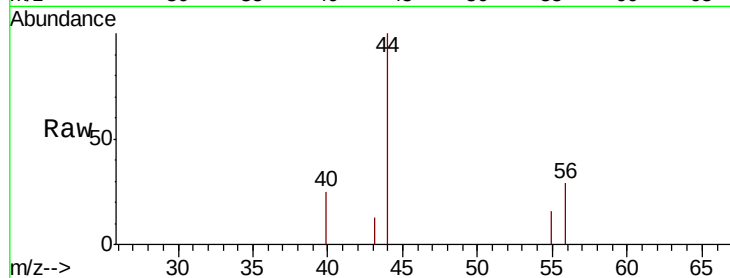
001-WILLETS-PT-BLVD(JUNE)

Tot Ion: 56 Resp: 649

Ion Ratio Lower Upper

56 100

55 41.0 57.9 86.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

400

300

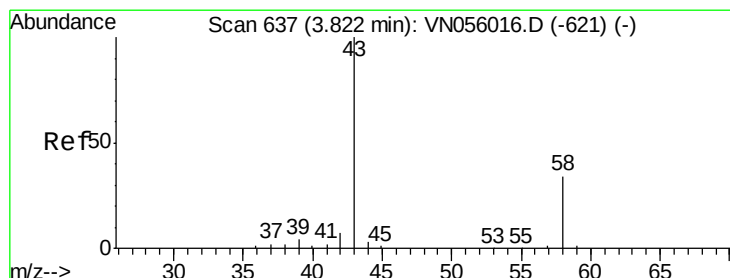
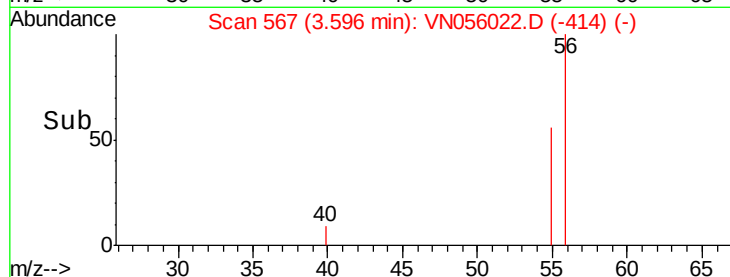
200

100

0

Time-->

3.56 3.58 3.60 3.62



#15

Acetone

Concen: 448.211 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056022.D

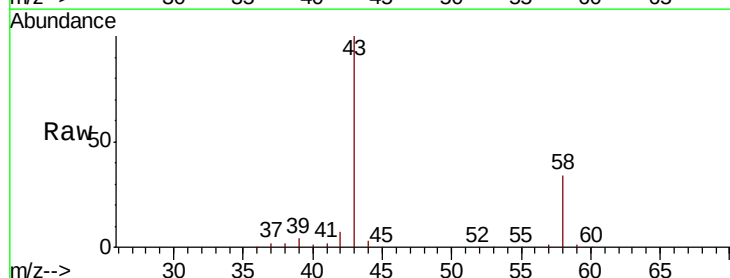
Acq: 5 Jun 2019 22:38

Tgt Ion: 58 Resp: 231981

Ion Ratio Lower Upper

58 100

43 294.1 232.5 348.7



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

300000

250000

200000

150000

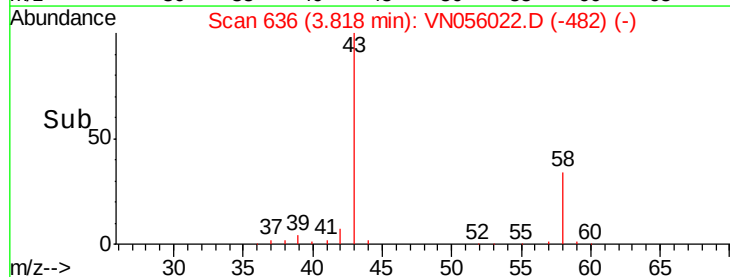
100000

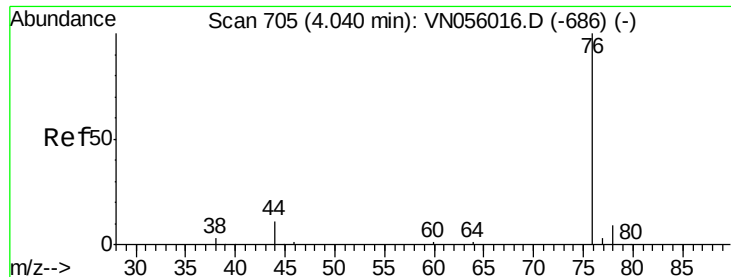
50000

0

Time-->

3.70 3.80 3.90

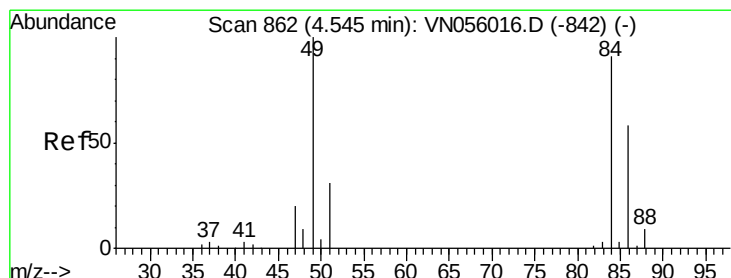
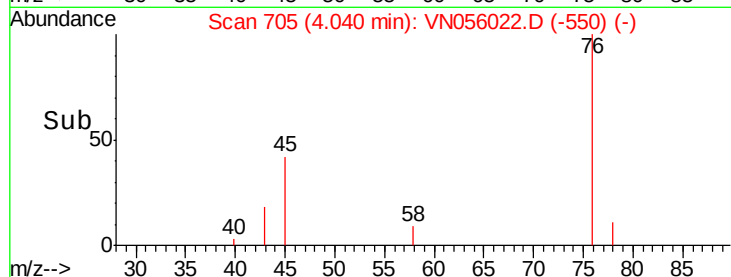
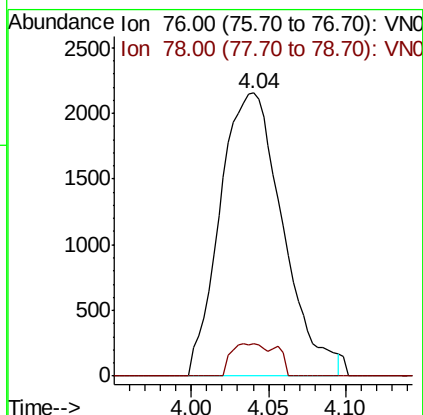
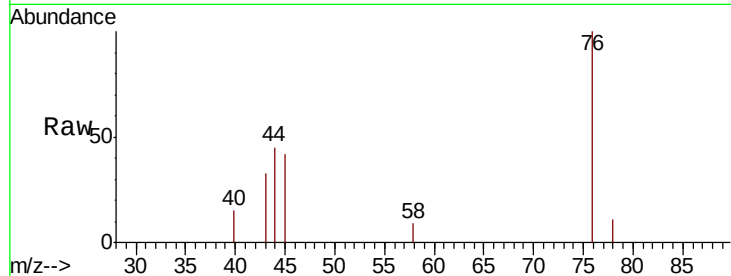




#16
Carbon Disulfide
Concen: 0.865 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN056022.D
Acq: 5 Jun 2019 22:38

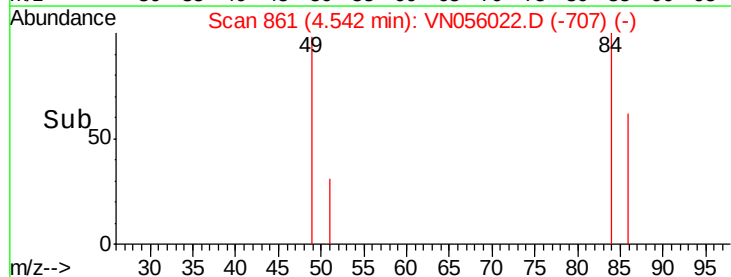
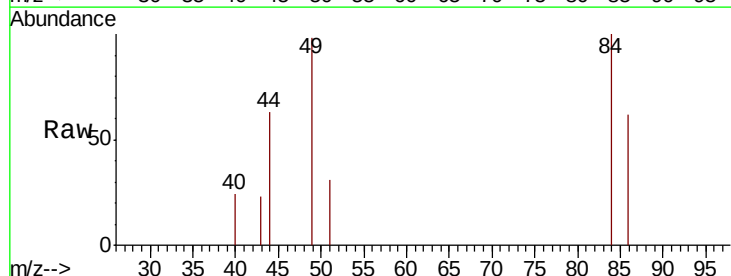
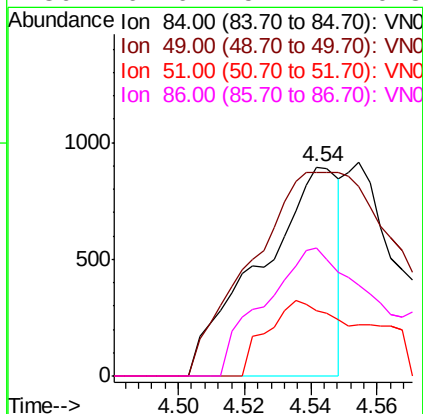
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

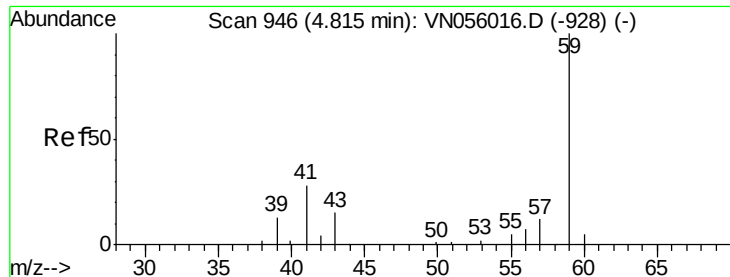
Tot Ion: 76 Resp: 6074
Ion Ratio Lower Upper
76 100
78 11.3 7.3 10.9#



#18
Methylene Chloride
Concen: 0.433 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056022.D
Acq: 5 Jun 2019 22:38

Tgt Ion: 84 Resp: 1480
Ion Ratio Lower Upper
84 100
49 97.8 87.6 131.4
51 31.4 27.0 40.4
86 61.6 51.2 76.8

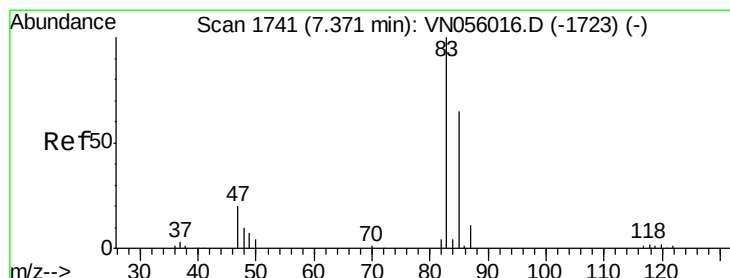
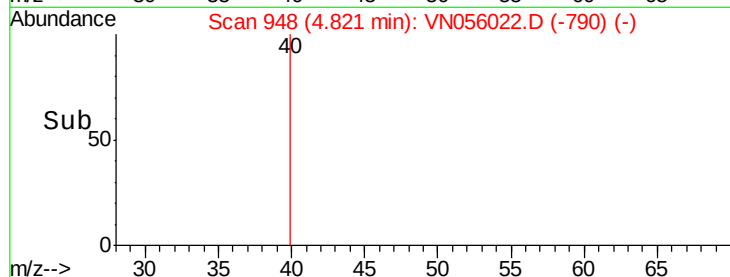
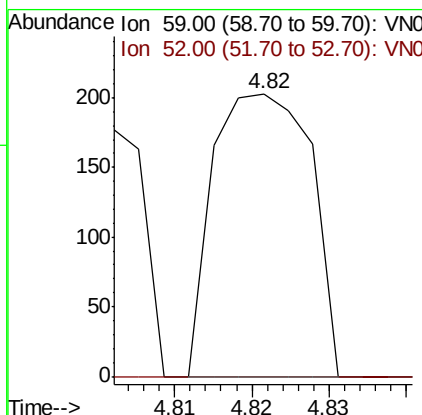
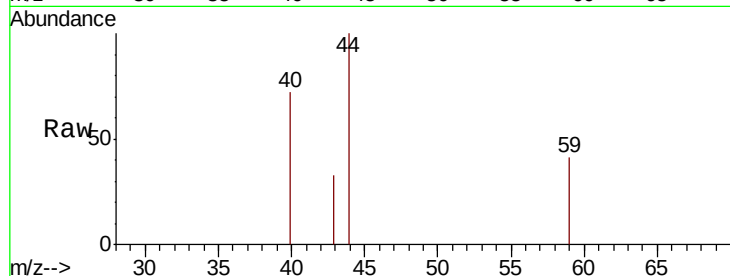




#23
 tert-Butyl Alcohol
 Concen: 0.291 ug/l
 RT: 4.82 min Scan# 948
 Delta R.T. 0.01 min
 Lab File: VN056022.D
 Acq: 5 Jun 2019 22:38

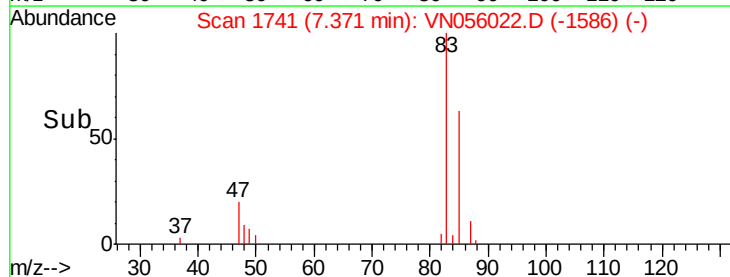
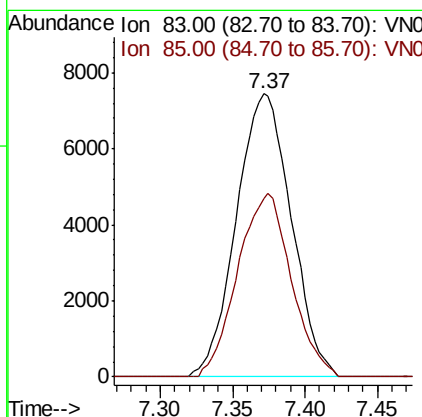
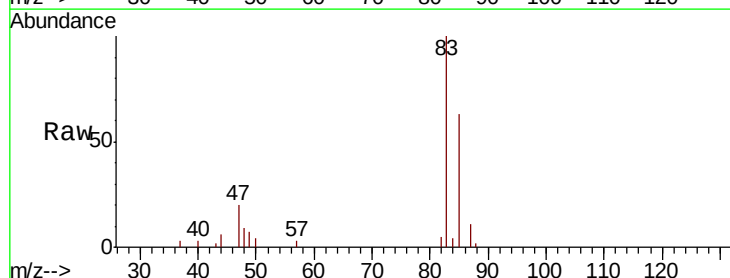
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)

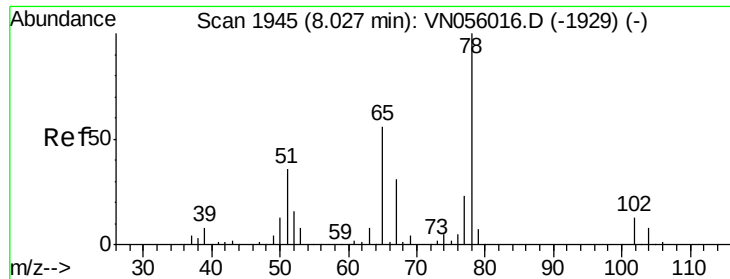
Tot Ion: 59 Resp: 179
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#25
 Chloroform
 Concen: 3.561 ug/l
 RT: 7.37 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VN056022.D
 Acq: 5 Jun 2019 22:38

Tgt Ion: 83 Resp: 19569
 Ion Ratio Lower Upper
 83 100
 85 63.1 52.0 78.0

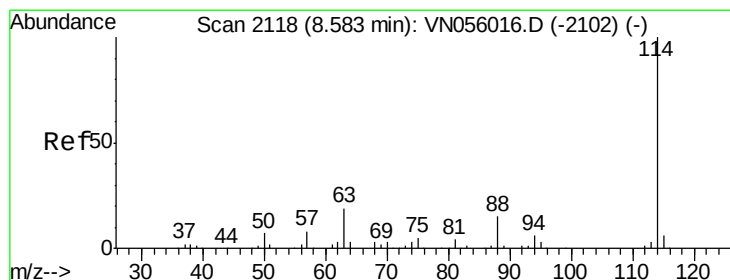
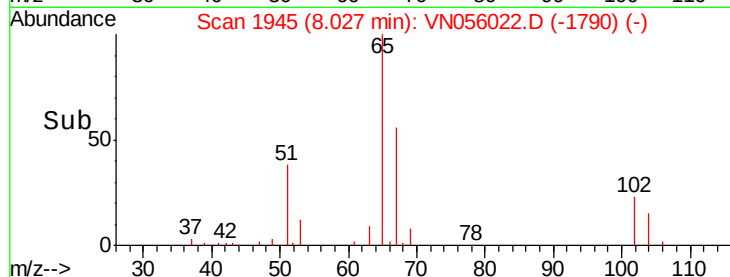
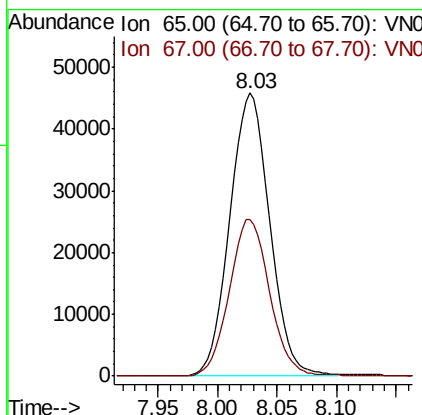
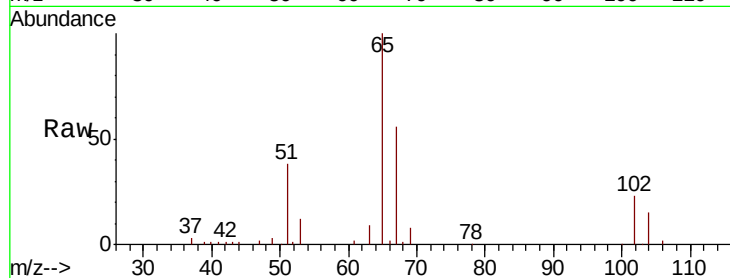




#27
 1,2-Dichloroethane-d4
 Concen: 30.443 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056022.D
 Acq: 5 Jun 2019 22:38

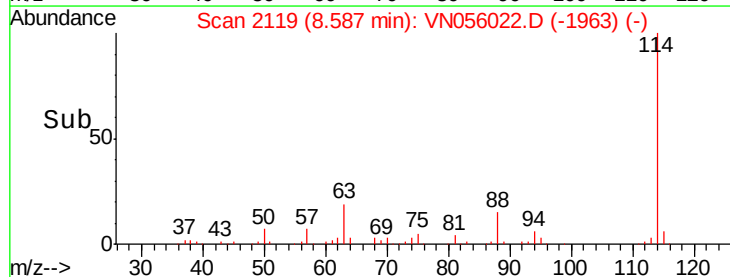
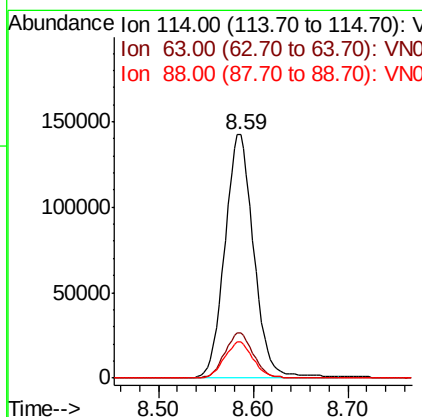
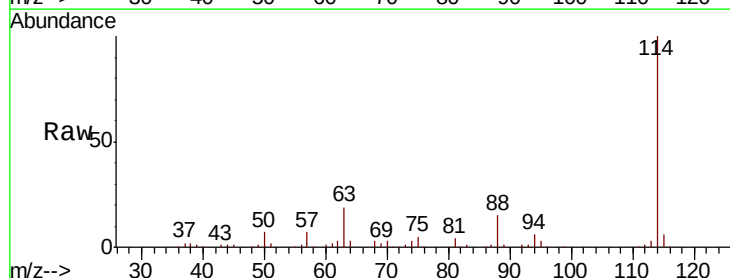
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)

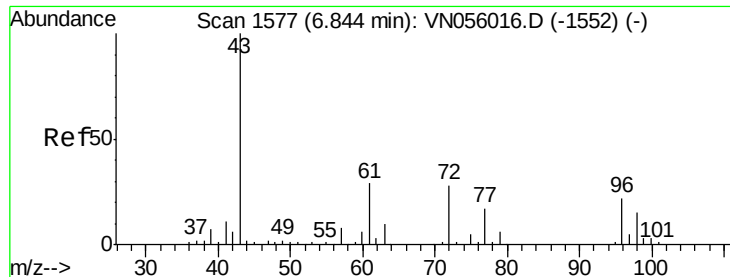
Tot Ion: 65 Resp: 106829
 Ion Ratio Lower Upper
 65 100
 67 55.5 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056022.D
 Acq: 5 Jun 2019 22:38

Tgt Ion: 114 Resp: 302608
 Ion Ratio Lower Upper
 114 100
 63 18.6 14.7 22.1
 88 14.8 11.9 17.9

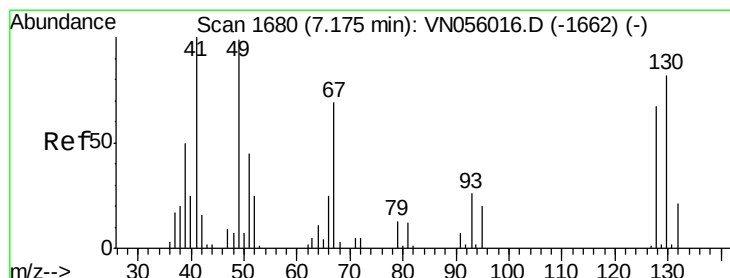
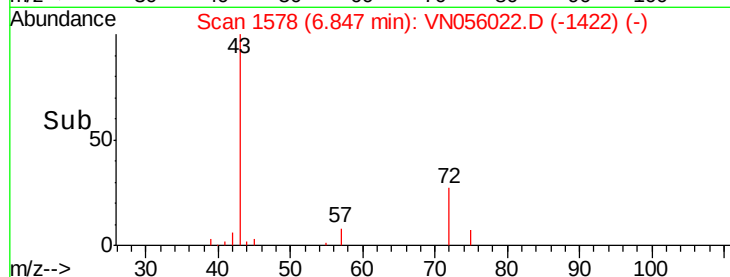
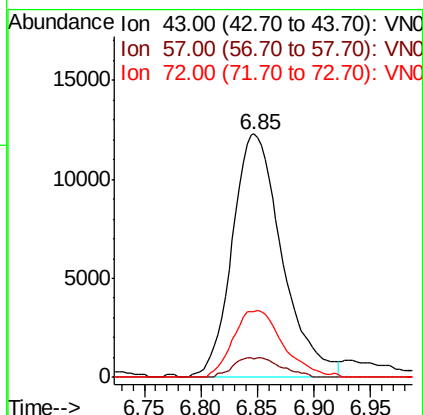
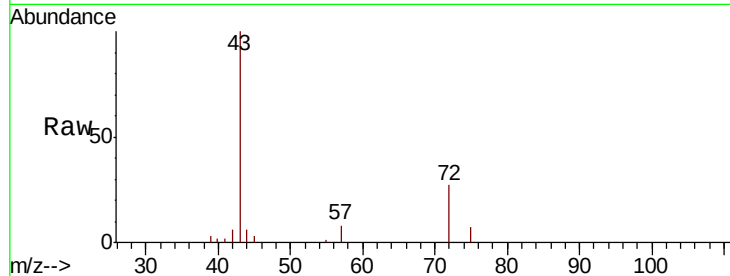




#30
2-Butanone
Concen: 17.456 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VN056022.D
Acq: 5 Jun 2019 22:38

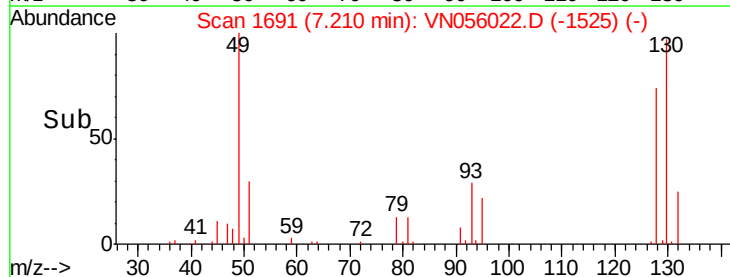
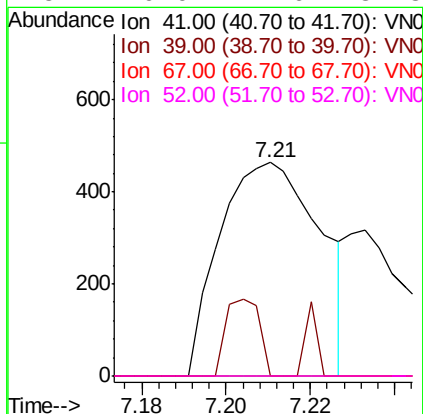
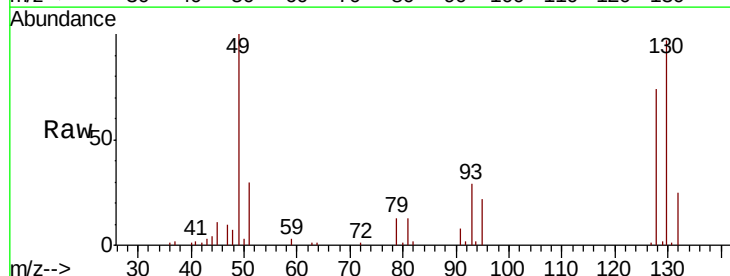
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

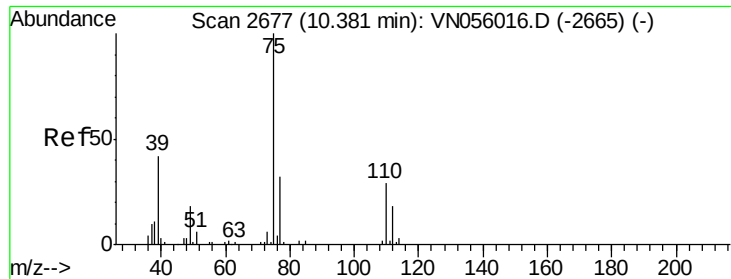
Tot Ion: 43 Resp: 37615
Ion Ratio Lower Upper
43 100
57 3.6 6.7 10.1#
72 12.4 22.4 33.6#



#35
Methacrylonitrile
Concen: 0.419 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN056022.D
Acq: 5 Jun 2019 22:38

Tgt Ion: 41 Resp: 762
Ion Ratio Lower Upper
41 100
39 0.0 24.8 74.3#
67 0.0 34.3 102.9#
52 0.0 12.6 37.8#

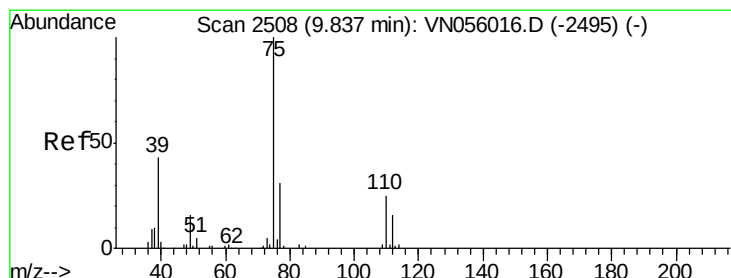
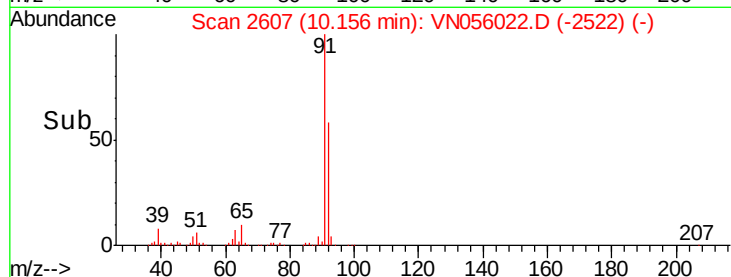
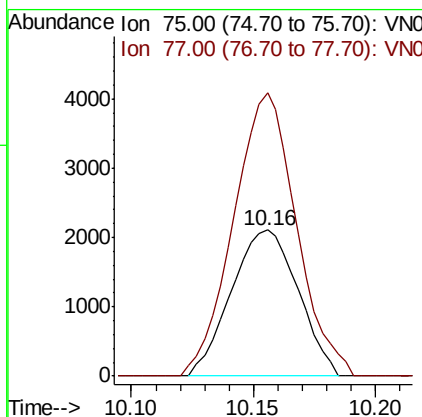
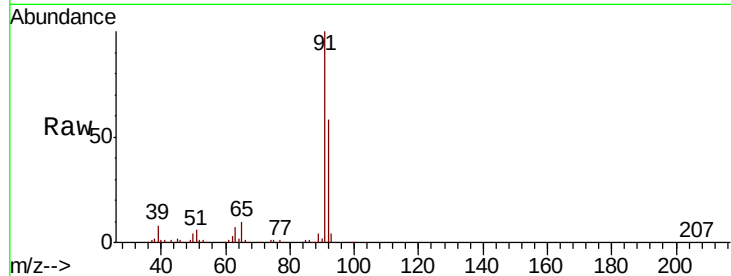




#48
t-1,3-Dichloropropene
Concen: 0.958 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.23 min
Lab File: VN056022.D
Acq: 5 Jun 2019 22:38

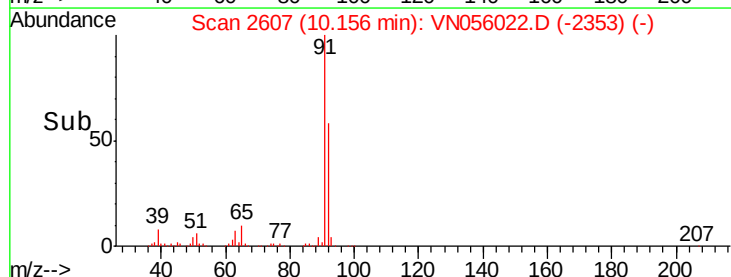
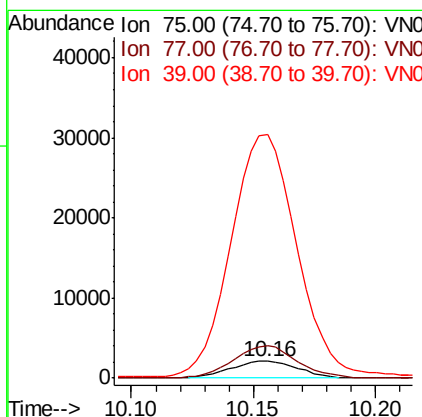
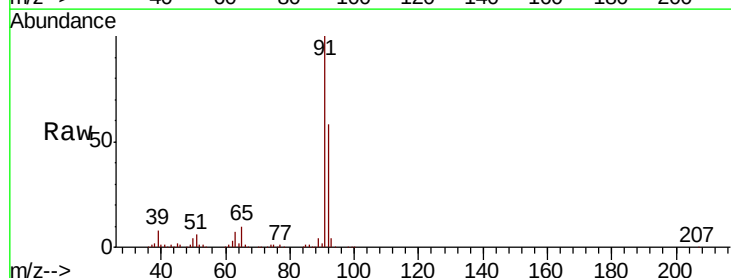
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

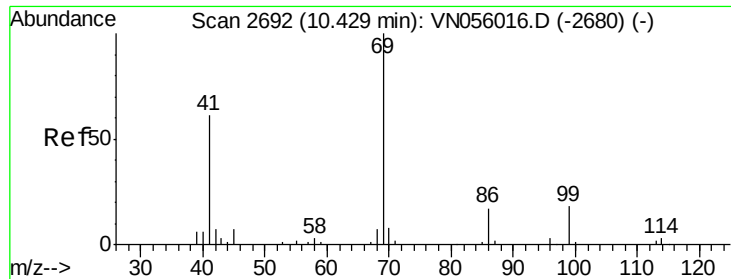
Tot Ion: 75 Resp: 4000
Ion Ratio Lower Upper
75 100
77 185.9 26.0 39.0#



#49
cis-1,3-Dichloropropene
Concen: 0.818 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.32 min
Lab File: VN056022.D
Acq: 5 Jun 2019 22:38

Tgt Ion: 75 Resp: 4000
Ion Ratio Lower Upper
75 100
77 185.9 25.1 37.7#
39 1386.1 34.3 51.5#





#51

Ethyl methacrylate

Concen: 0.227 ug/l

RT: 10.09 min Scan# 2588

Delta R.T. -0.33 min

Lab File: VN056022.D

Acq: 5 Jun 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)

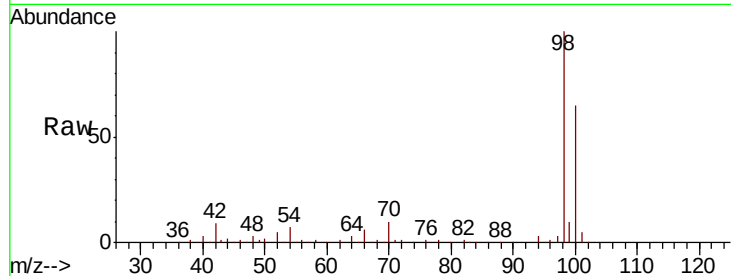
Tot Ion: 69 Resp: 1129

Ion Ratio Lower Upper

69 100

41 32.7 30.8 92.3

39 15.1 14.5 43.6

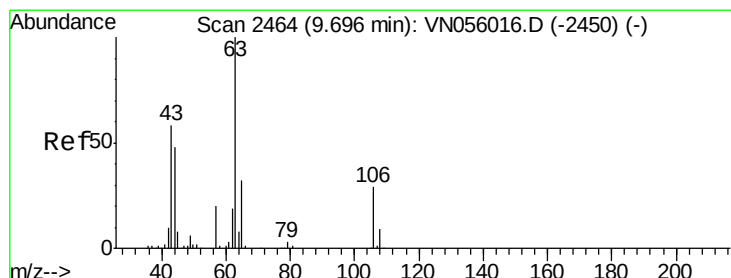
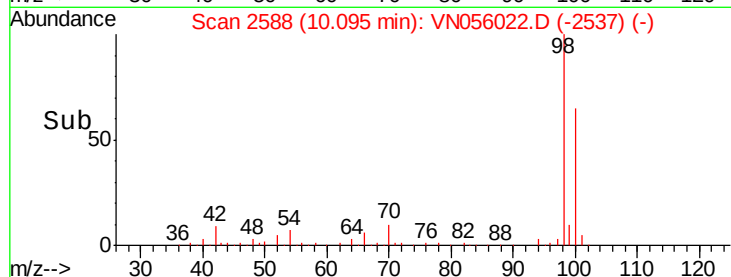
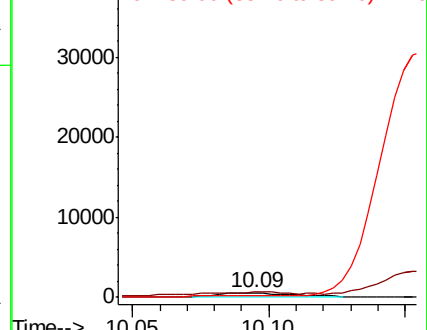


Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#55

2-Chloroethyl vinyl ether

Concen: 28.370 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.46 min

Lab File: VN056022.D

Acq: 5 Jun 2019 22:38

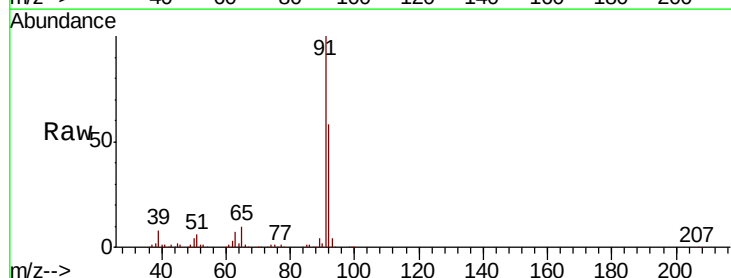
Tgt Ion: 63 Resp: 49455

Ion Ratio Lower Upper

63 100

65 145.6 25.5 38.3#

106 0.0 23.0 34.4#

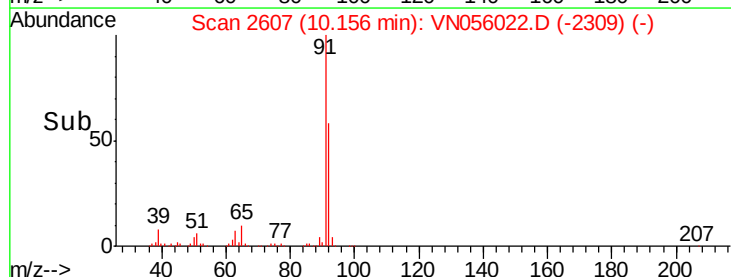
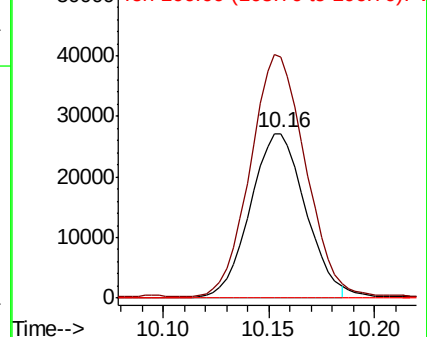


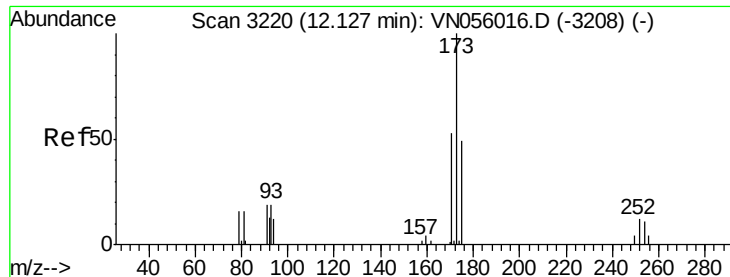
Abundance

Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0

Ion 106.00 (105.70 to 106.70): V

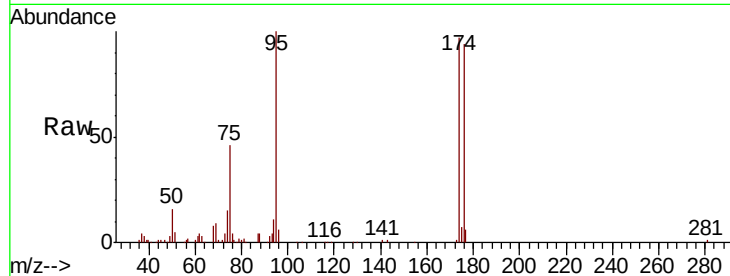




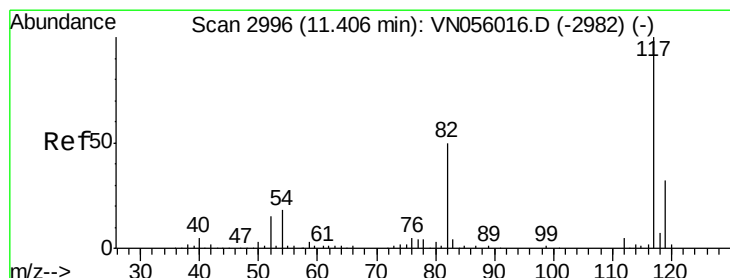
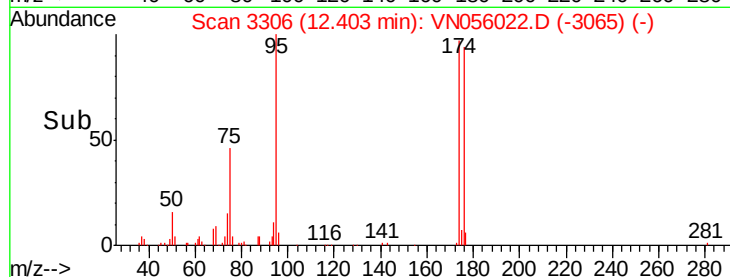
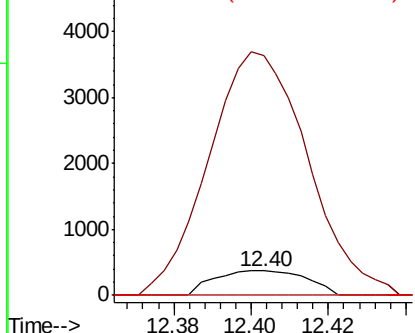
#56
Bromoform
Concen: 0.265 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056022.D
Acq: 5 Jun 2019 22:38

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

Tot Ion:173 Resp: 617
Ion Ratio Lower Upper
173 100
175 1065.3 38.7 58.1#
254 0.0 6.6 9.8#

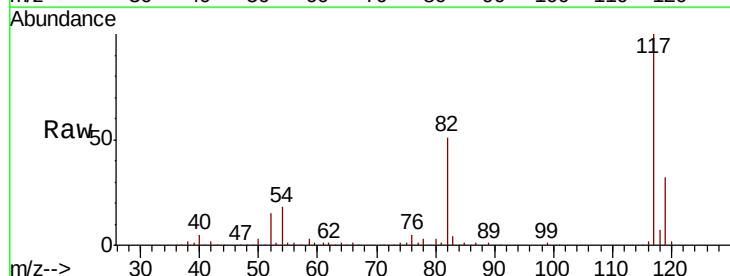


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

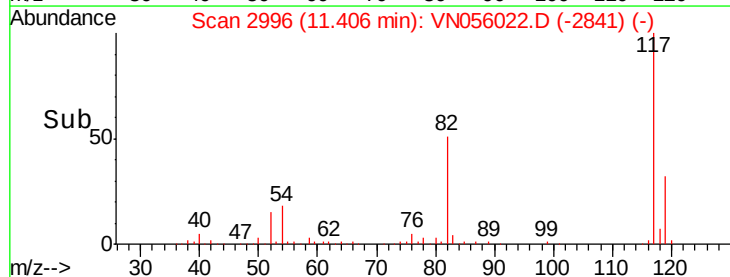
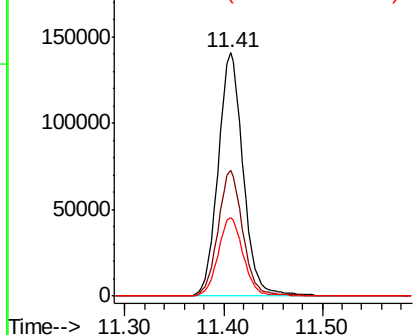


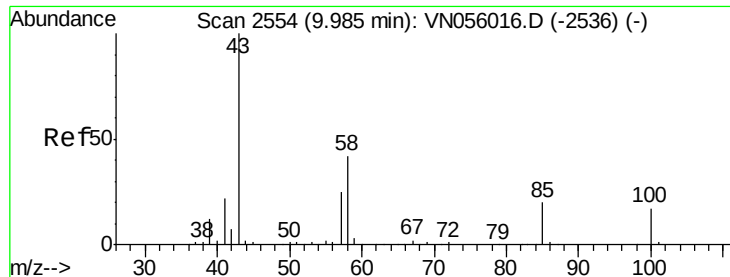
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056022.D
Acq: 5 Jun 2019 22:38

Tgt Ion:117 Resp: 250500
Ion Ratio Lower Upper
117 100
82 50.8 41.2 61.8
119 32.5 26.2 39.2



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

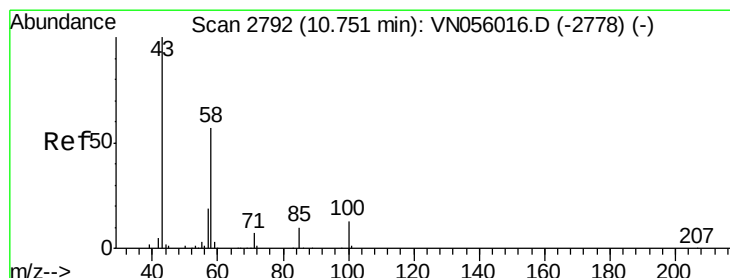
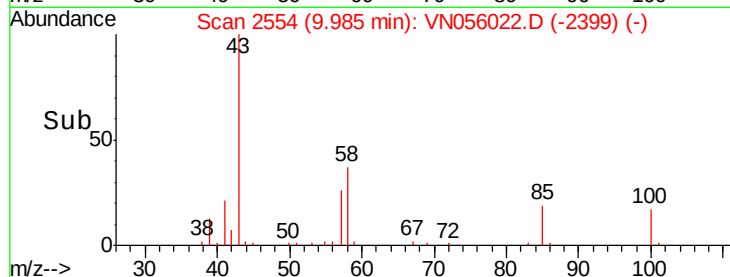
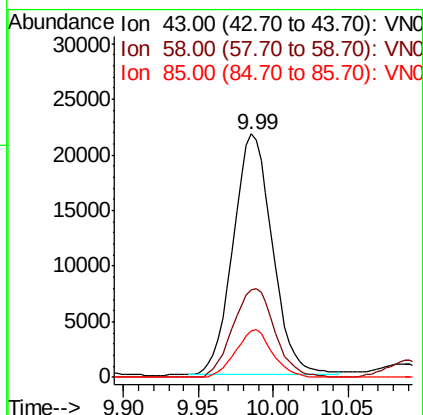
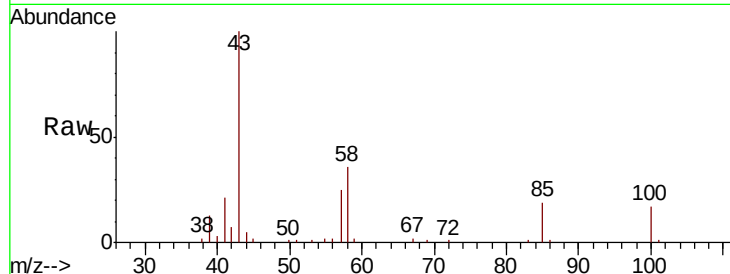




#58
4-Methyl-2-Pentanone
Concen: 10.434 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN056022.D
Acq: 5 Jun 2019 22:38

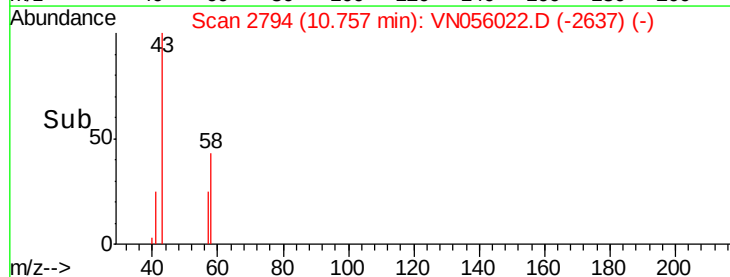
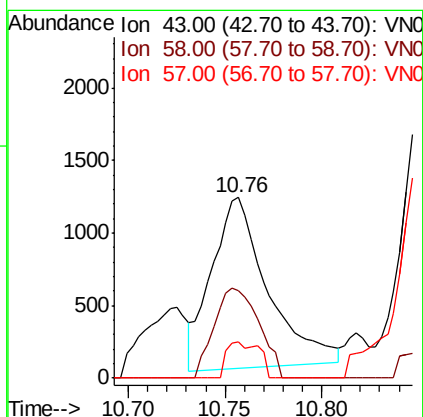
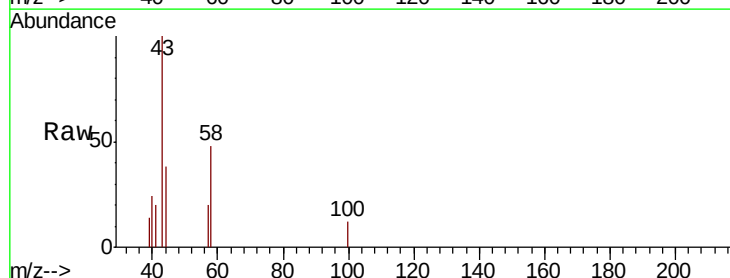
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

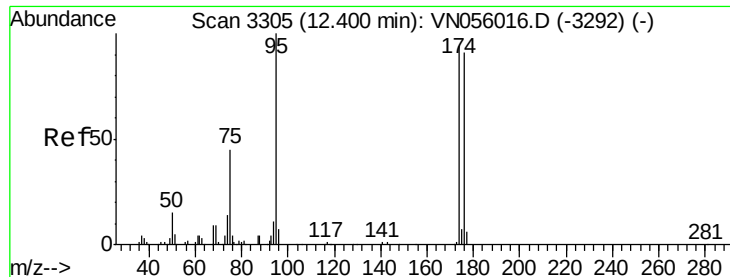
Tot Ion: 43 Resp: 39578
Ion Ratio Lower Upper
43 100
58 39.3 33.1 49.7
85 18.4 15.5 23.3



#59
2-Hexanone
Concen: 0.877 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN056022.D
Acq: 5 Jun 2019 22:38

Tgt Ion: 43 Resp: 2379
Ion Ratio Lower Upper
43 100
58 42.1 45.3 67.9#
57 7.2 15.6 23.4#





#60

4-Bromofluorobenzene

Concen: 26.199 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056022.D

Acq: 5 Jun 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)

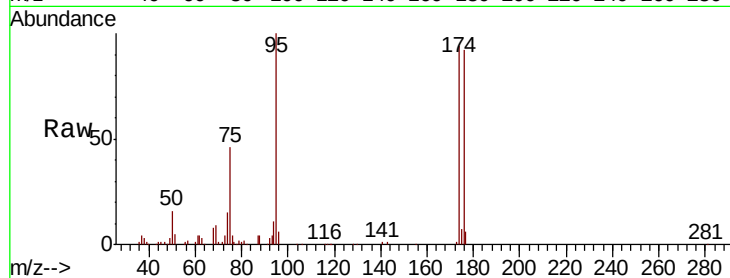
Tot Ion: 95 Resp: 97276

Ion Ratio Lower Upper

95 100

174 95.0 75.4 113.0

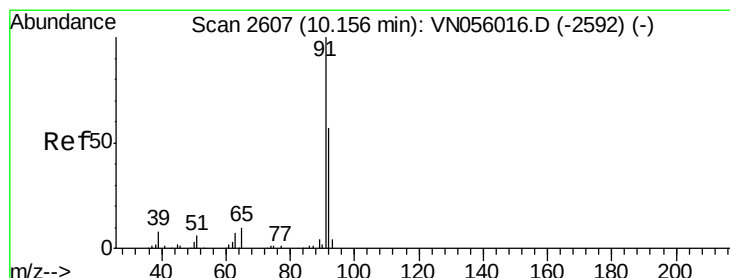
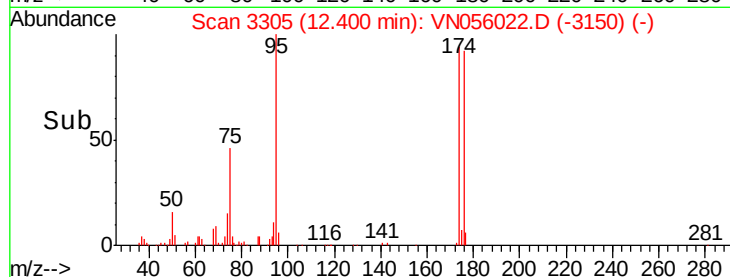
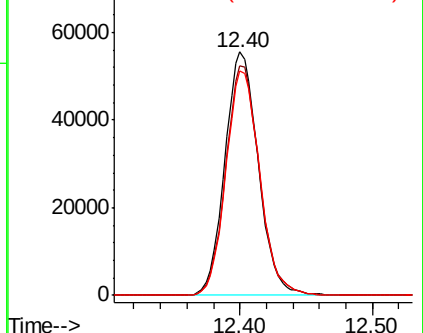
176 93.4 73.9 110.9



Abundance Ion 95.00 (94.70 to 95.70): VN056022.D (-3150) (-)

Ion 174.00 (173.70 to 174.70): VN056022.D (-3150) (-)

Ion 176.00 (175.70 to 176.70): VN056022.D (-3150) (-)



#62

Toluene

Concen: 53.540 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056022.D

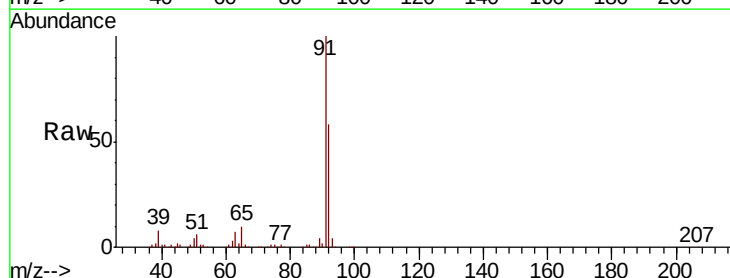
Acq: 5 Jun 2019 22:38

Tgt Ion: 91 Resp: 724020

Ion Ratio Lower Upper

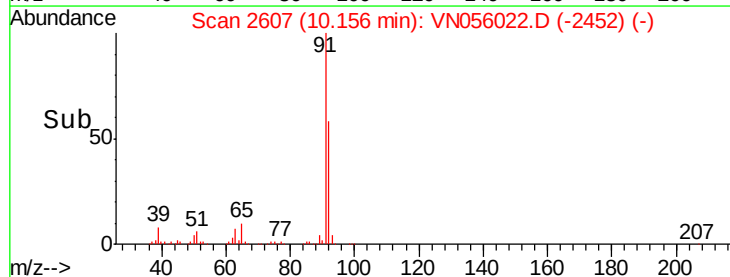
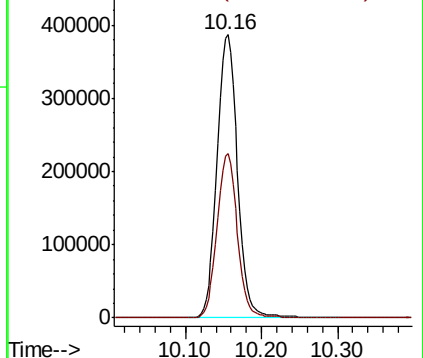
91 100

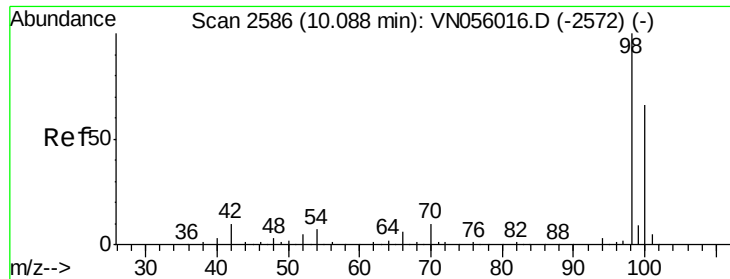
92 57.4 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN056022.D (-2452) (-)

Ion 92.00 (91.70 to 92.70): VN056022.D (-2452) (-)





#63

Toluene-d8

Concen: 31.124 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056022.D

Acq: 5 Jun 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

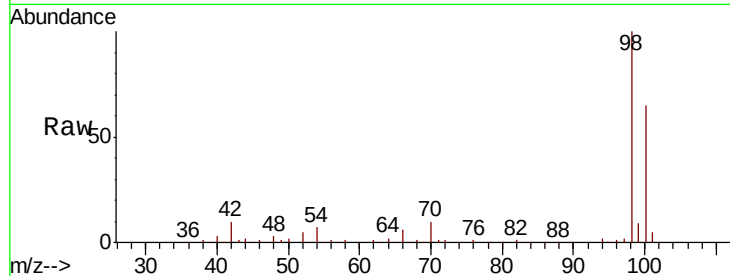
001-WILLETS-PT-BLVD(JUNE)

Tot Ion: 98 Resp: 353679

Ion Ratio Lower Upper

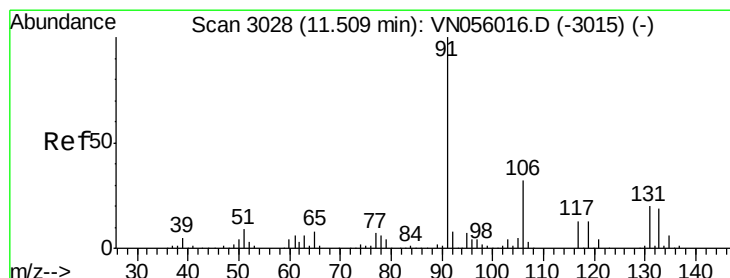
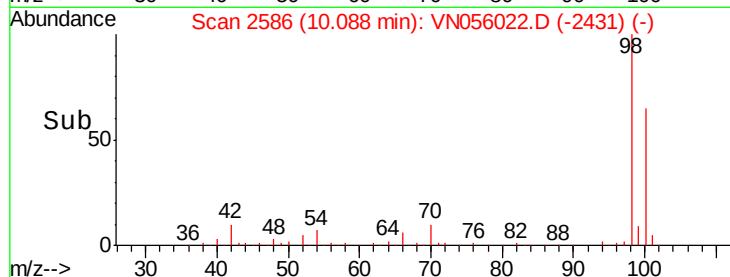
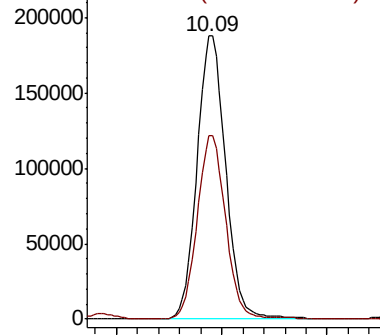
98 100

100 64.5 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#66

Ethyl Benzene

Concen: 0.392 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN056022.D

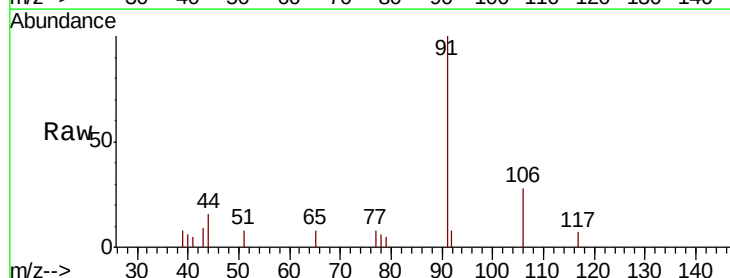
Acq: 5 Jun 2019 22:38

Tgt Ion: 91 Resp: 5646

Ion Ratio Lower Upper

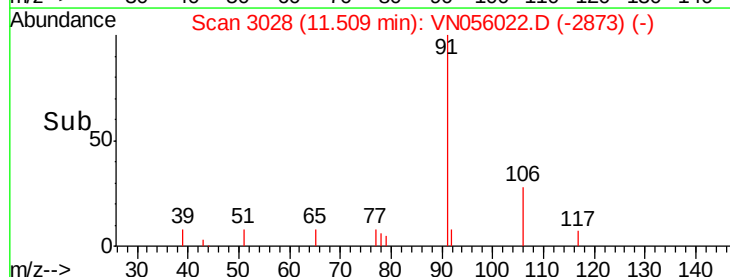
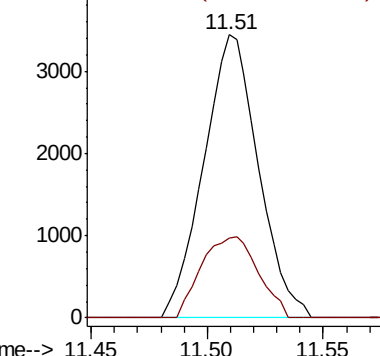
91 100

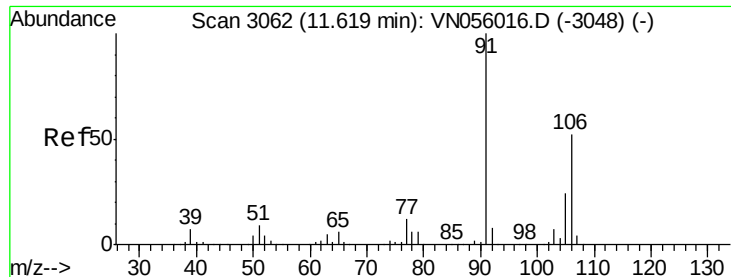
106 28.0 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 1.486 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN056022.D

Acq: 5 Jun 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

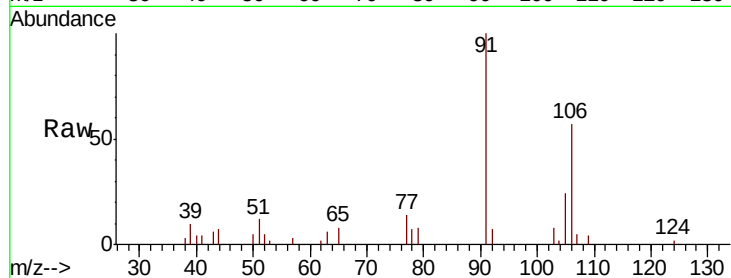
001-WILLETS-PT-BLVD(JUNE)

Tot Ion:106 Resp: 8192

Ion Ratio Lower Upper

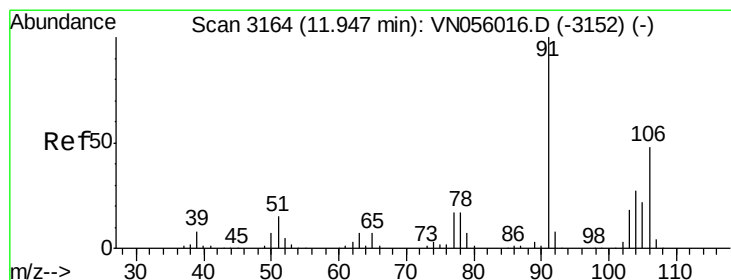
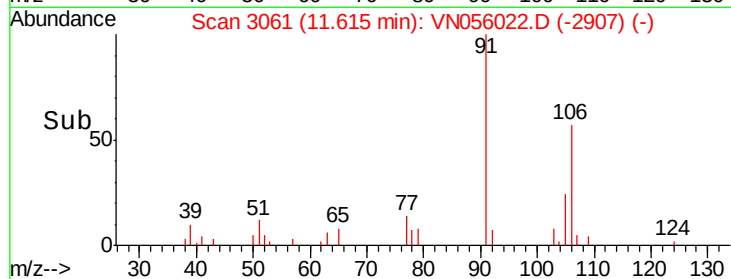
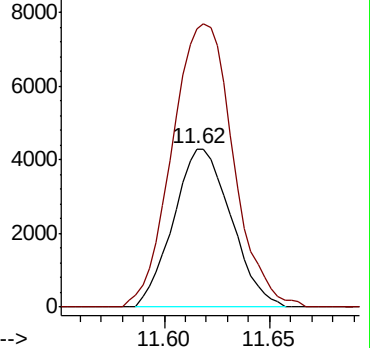
106 100

91 188.3 155.7 233.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 0.742 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN056022.D

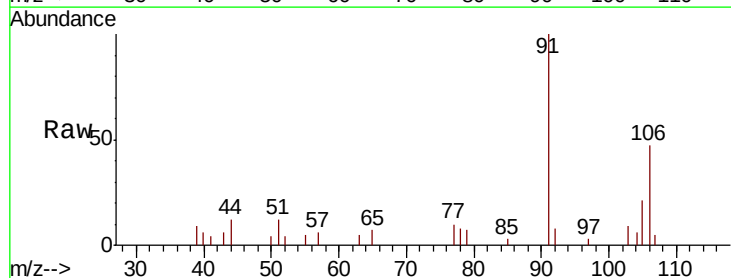
Acq: 5 Jun 2019 22:38

Tgt Ion:106 Resp: 4004

Ion Ratio Lower Upper

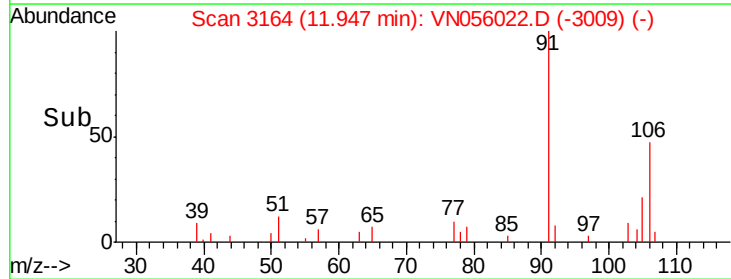
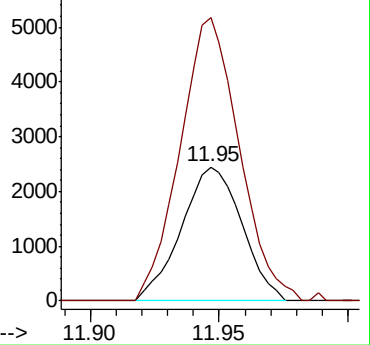
106 100

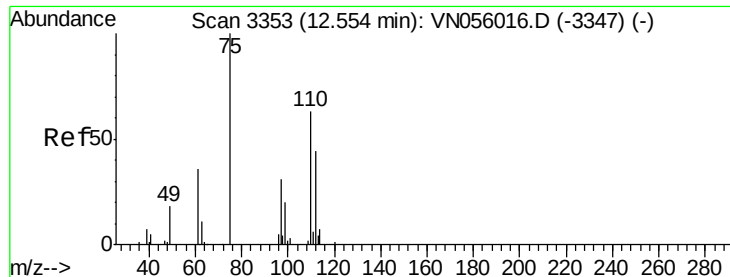
91 206.8 103.9 311.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#72

1,2,3-Trichloropropane

Concen: 11.997 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056022.D

Acq: 5 Jun 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

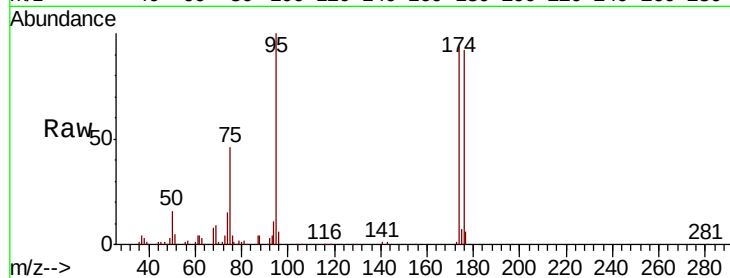
001-WILLETS-PT-BLVD(JUNE)

Tot Ion: 75 Resp: 44154

Ion Ratio Lower Upper

75 100

77 0.9 0.0 350.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

30000

25000

20000

15000

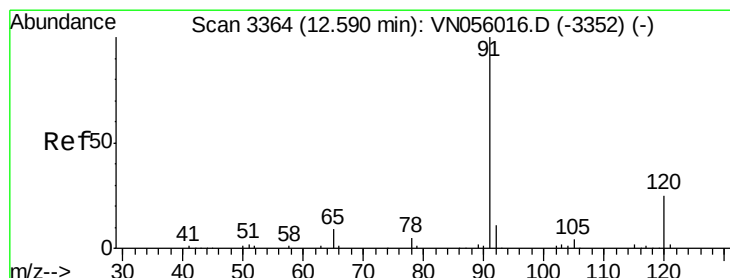
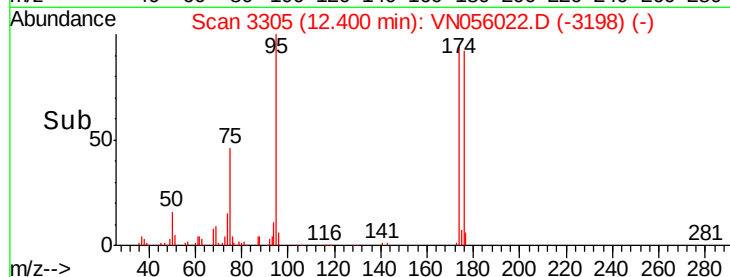
10000

5000

0

12.35 12.40 12.45

Time-->



#74

n-propylbenzene

Concen: 0.395 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN056022.D

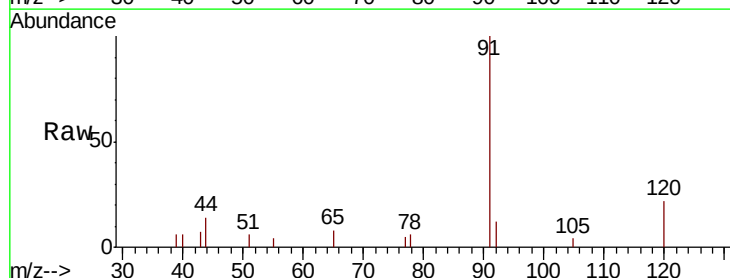
Acq: 5 Jun 2019 22:38

Tgt Ion: 91 Resp: 5884

Ion Ratio Lower Upper

91 100

120 22.8 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

4000

3000

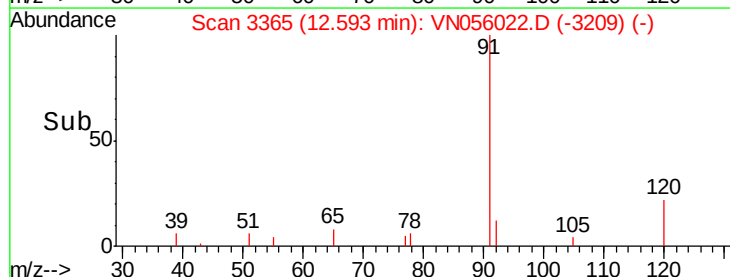
2000

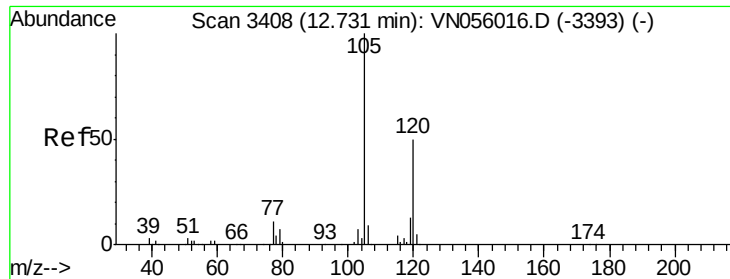
1000

0

12.55 12.60

Time-->





#76

1,3,5-Trimethylbenzene

Concen: 0.988 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056022.D

Acq: 5 Jun 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

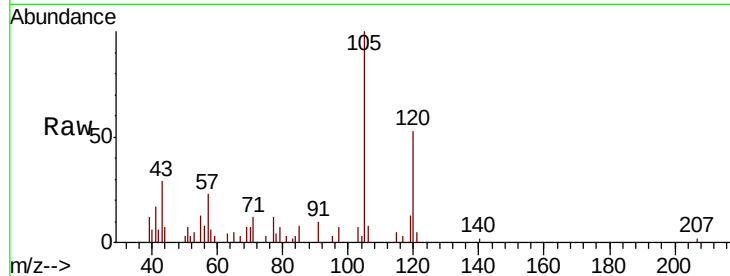
001-WILLETS-PT-BLVD(JUNE)

Tot Ion:105 Resp: 11458

Ion Ratio Lower Upper

105 100

120 53.2 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

8000

6000

4000

2000

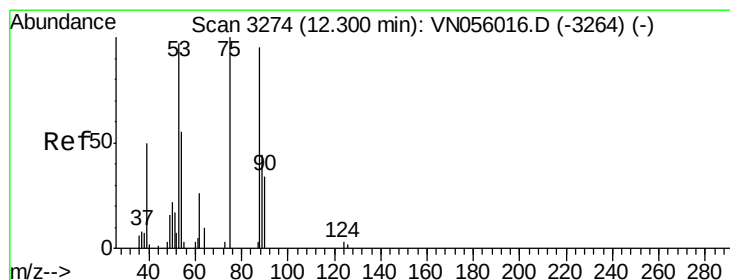
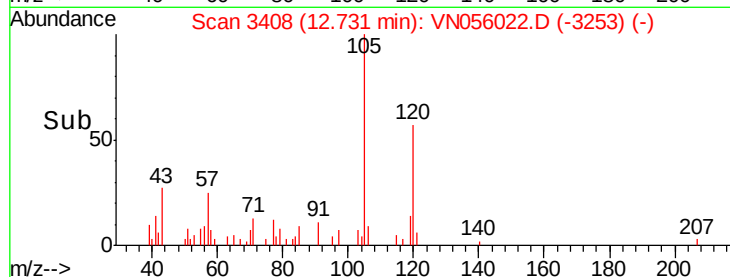
0

12.70

12.73

12.75

Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 42.044 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056022.D

Acq: 5 Jun 2019 22:38

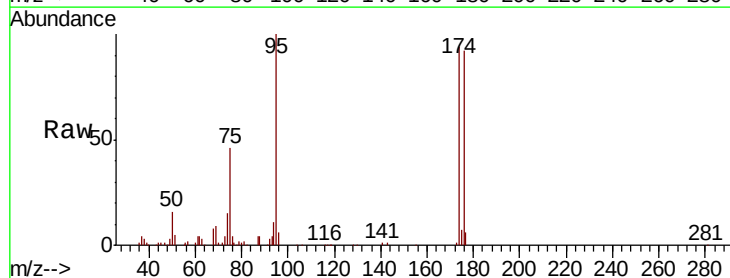
Tgt Ion: 75 Resp: 44154

Ion Ratio Lower Upper

75 100

53 0.0 48.0 144.0#

89 0.0 22.5 67.5#



Abundance Ion 75.00 (74.70 to 75.70): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 89.00 (88.70 to 89.70): VNO

30000

20000

10000

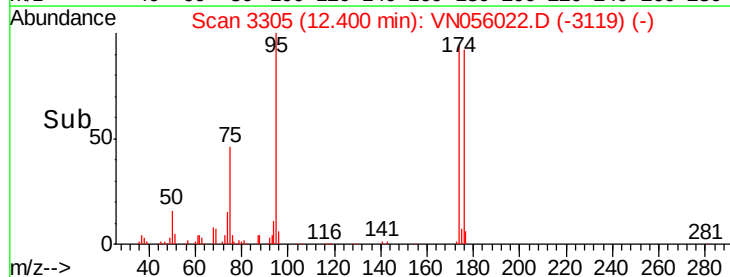
0

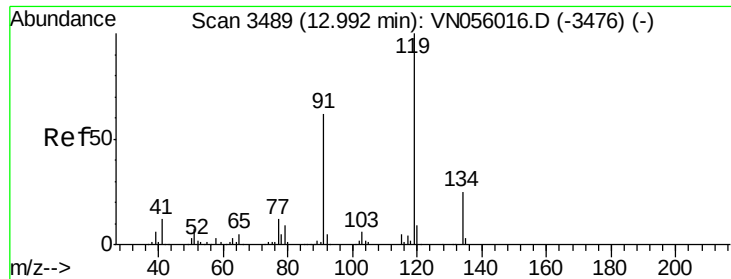
12.35

12.40

12.45

Time-->

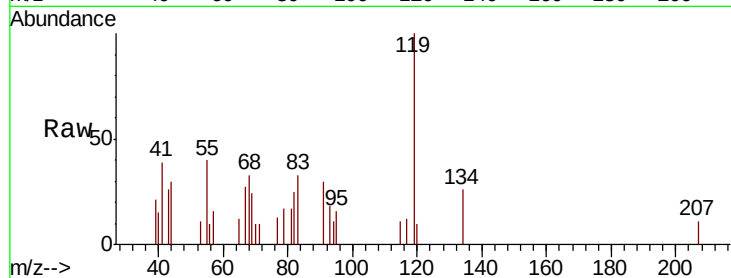




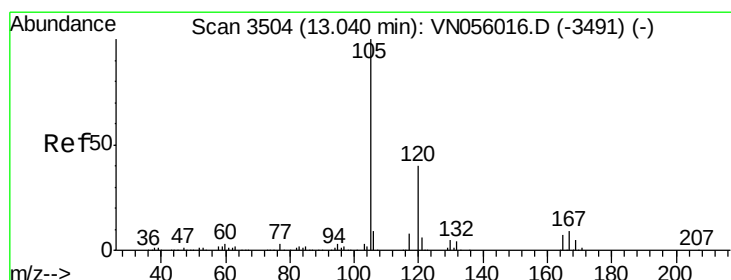
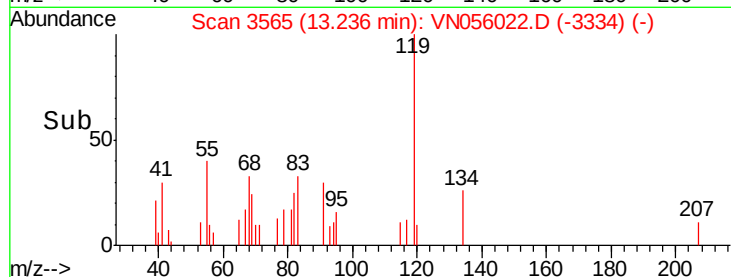
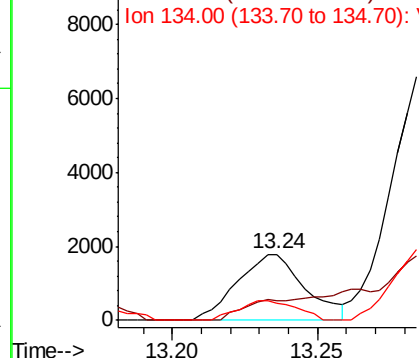
#79
tert-butylbenzene
Concen: 0.281 ug/l
RT: 13.24 min Scan# 3565
Delta R.T. 0.24 min
Lab File: VN056022.D
Acq: 5 Jun 2019 22:38

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

Tot Ion:119 Resp: 2890
Ion Ratio Lower Upper
119 100
91 19.9 0.0 122.8
134 25.5 0.0 50.2

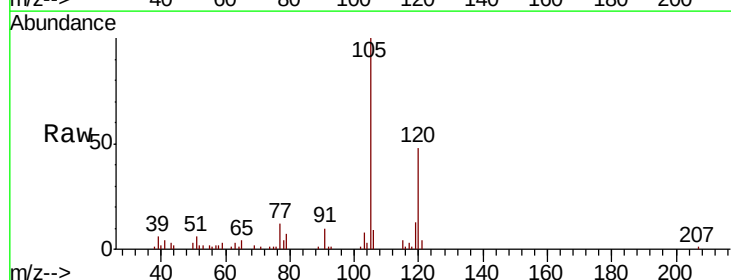


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

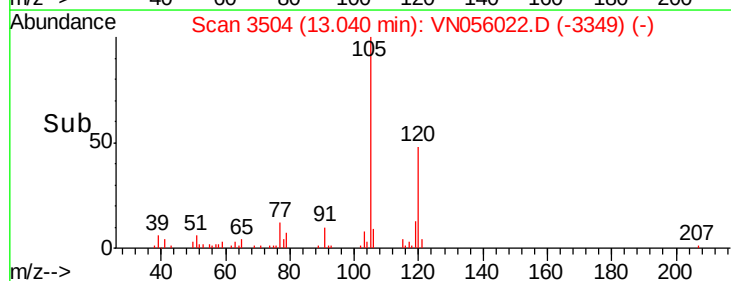
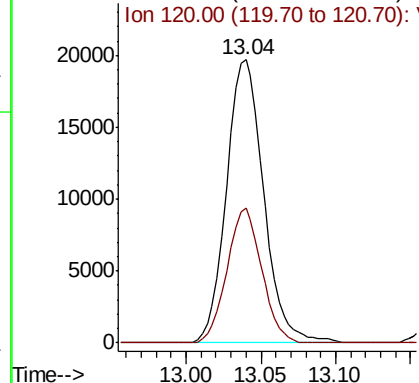


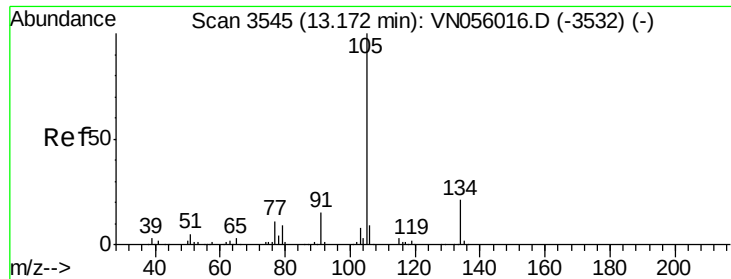
#80
1,2,4-Trimethylbenzene
Concen: 3.032 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN056022.D
Acq: 5 Jun 2019 22:38

Tgt Ion:105 Resp: 34216
Ion Ratio Lower Upper
105 100
120 44.1 0.0 93.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 0.247 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056022.D

Acq: 5 Jun 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

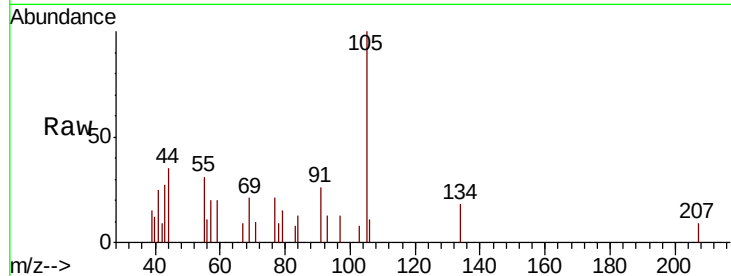
001-WILLETS-PT-BLVD(JUNE)

Tot Ion:105 Resp: 3215

Ion Ratio Lower Upper

105 100

134 5.2 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

2000

1500

1000

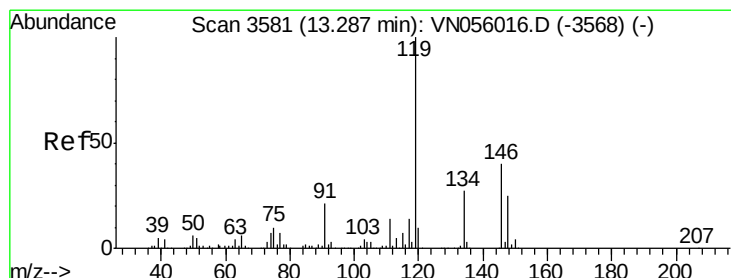
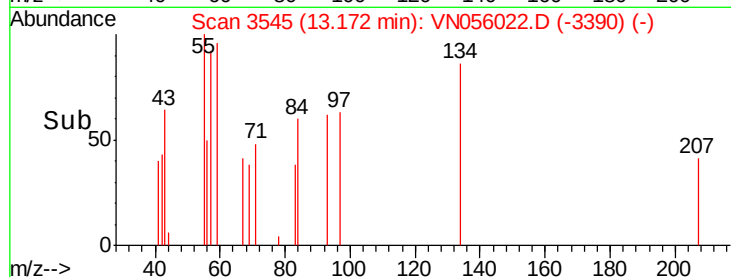
500

0

13.15

13.20

Time-->



#82

p-Isopropyltoluene

Concen: 0.988 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN056022.D

Acq: 5 Jun 2019 22:38

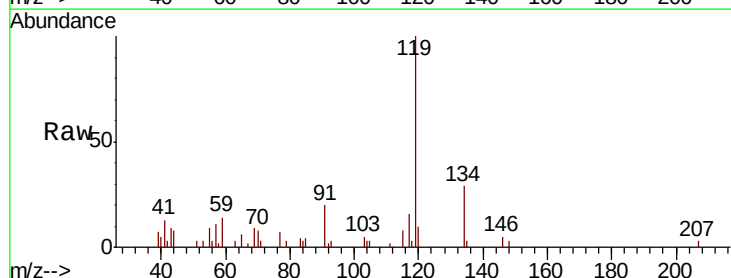
Tgt Ion:119 Resp: 11609

Ion Ratio Lower Upper

119 100

134 27.5 0.0 53.4

91 23.9 0.0 43.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

10000

8000

6000

4000

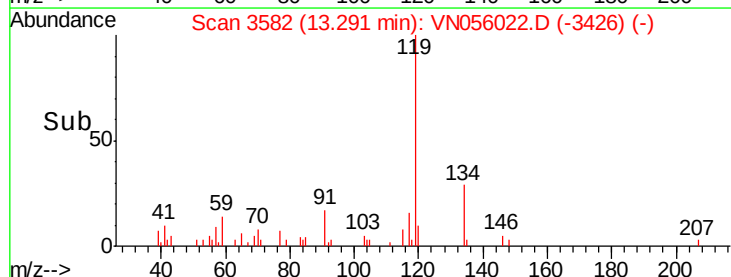
2000

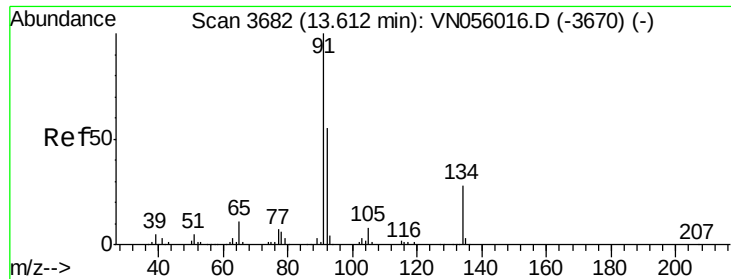
0

13.25

13.30

Time-->





#85

n-Butylbenzene

Concen: 0.243 ug/l

RT: 13.99 min Scan# 3800

Delta R.T. 0.38 min

Lab File: VN056022.D

Acq: 5 Jun 2019 22:38

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)

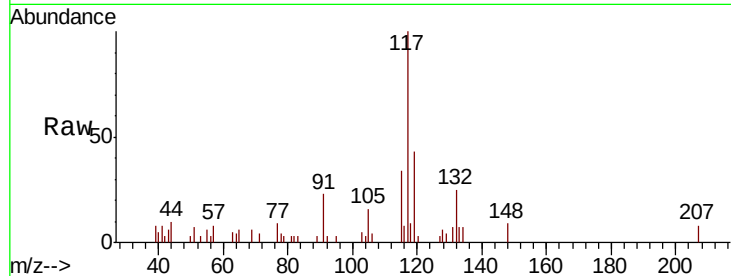
Tot Ion: 91 Resp: 2132

Ion Ratio Lower Upper

91 100

92 3.0 0.0 107.2

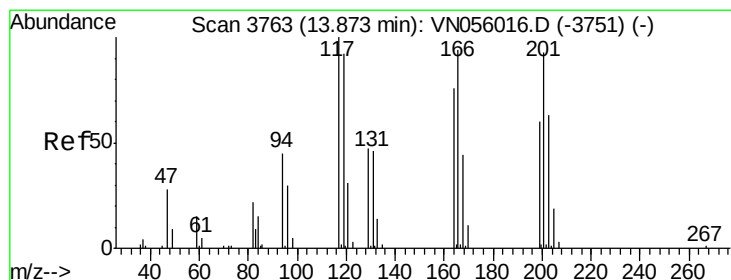
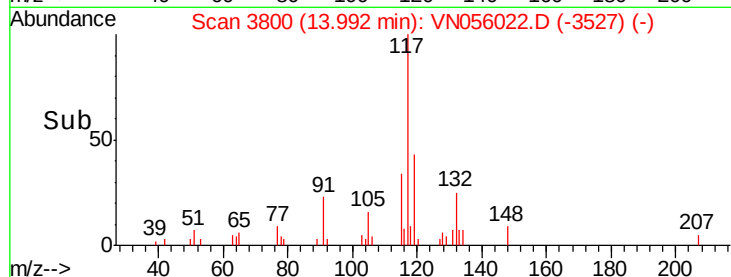
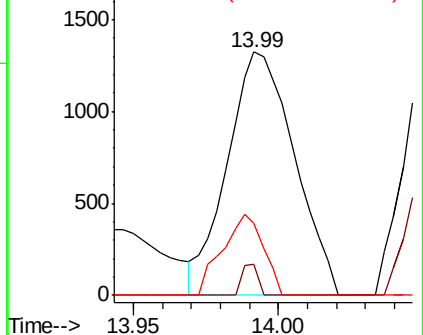
134 20.3 0.0 55.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 0.570 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN056022.D

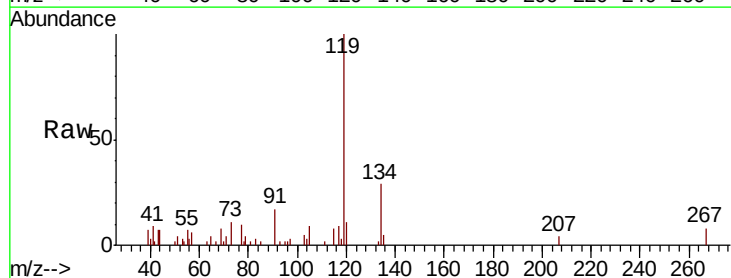
Acq: 5 Jun 2019 22:38

Tgt Ion: 117 Resp: 1044

Ion Ratio Lower Upper

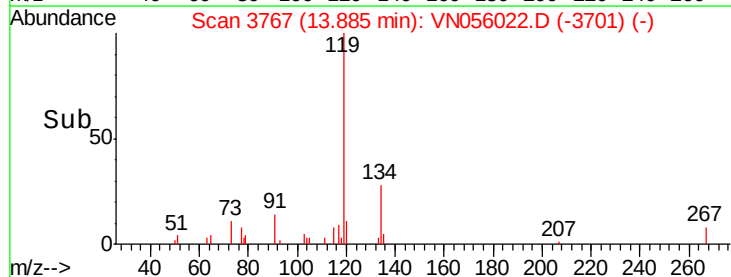
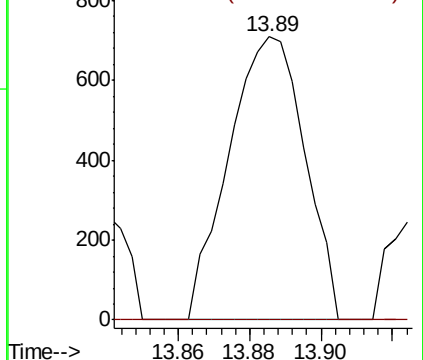
117 100

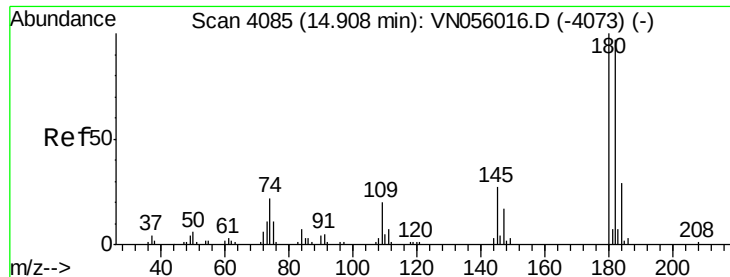
201 0.0 48.1 144.4#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

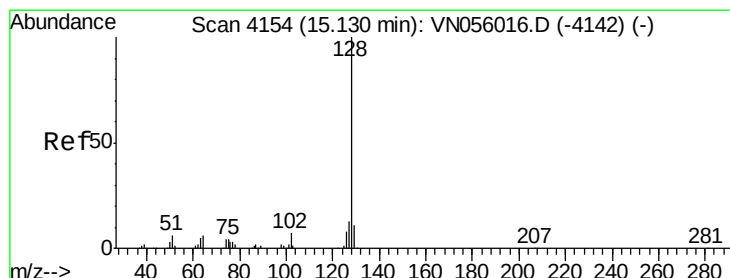
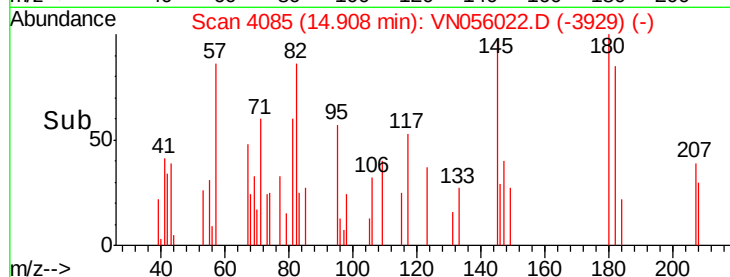
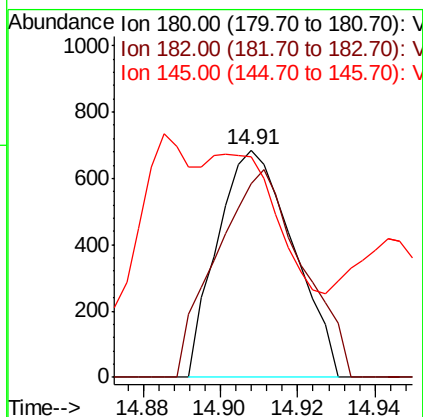
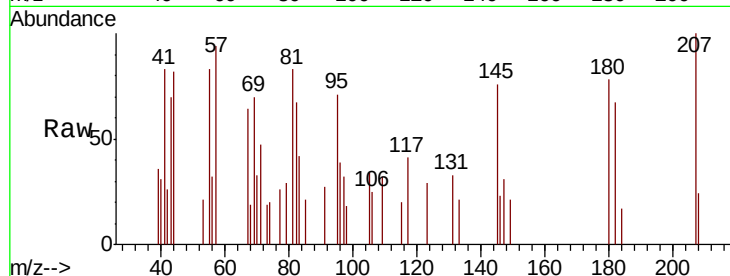




#89
 1,2,4-Trichlorobenzene
 Concen: 8.773 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056022.D
 Acq: 5 Jun 2019 22:38

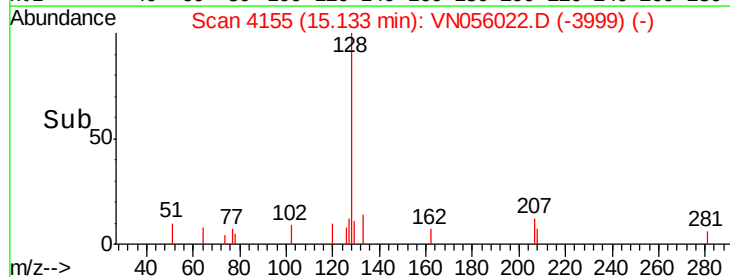
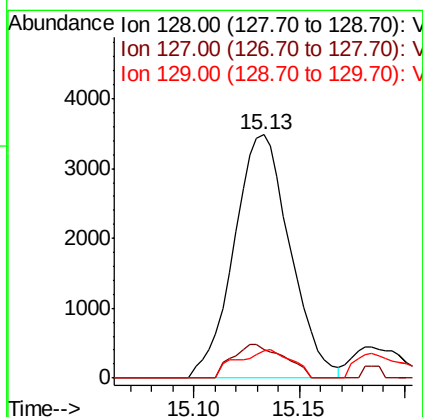
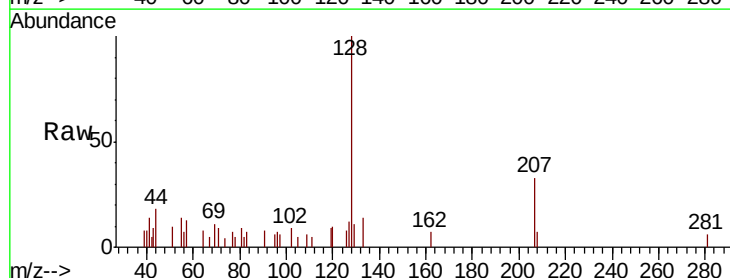
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)

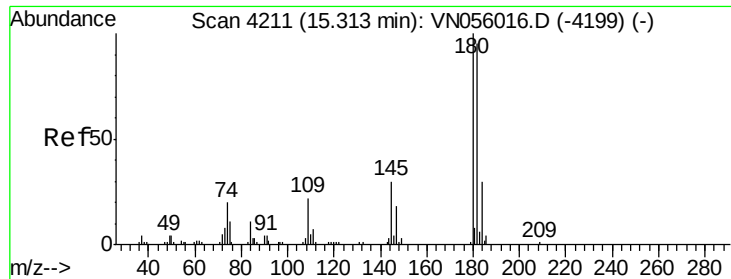
Tot Ion:180 Resp: 928
 Ion Ratio Lower Upper
 180 100
 182 103.1 75.0 112.6
 145 83.2 22.1 33.1#



#91
 Naphthalene
 Concen: 0.816 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN056022.D
 Acq: 5 Jun 2019 22:38

Tgt Ion:128 Resp: 6426
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.4 15.6
 129 8.2 8.7 13.1#

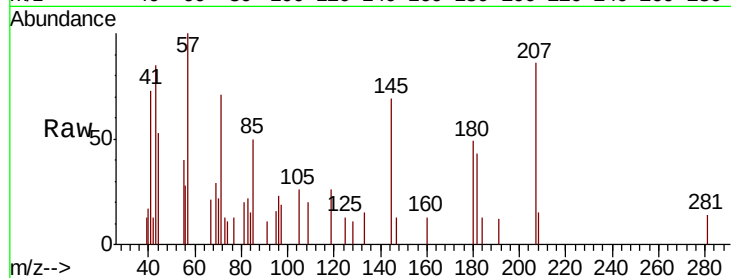




#92
 1,2,3-Trichlorobenzene
 Concen: 0.397 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN056022.D
 Acq: 5 Jun 2019 22:38

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

Tot Ion:180 Resp: 1231
 Ion Ratio Lower Upper
 180 100
 182 83.4 0.0 193.4
 145 98.9 0.0 59.8#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

