

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\  
 Data File : VN055940.D  
 Acq On : 1 Jun 2019 00:45  
 Operator : JC/SP  
 Sample : K3105-04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 APPLE-TRACK

Quant Time: Jun 01 02:06:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052319W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 24 06:41:54 2019  
 Response via : Initial Calibration

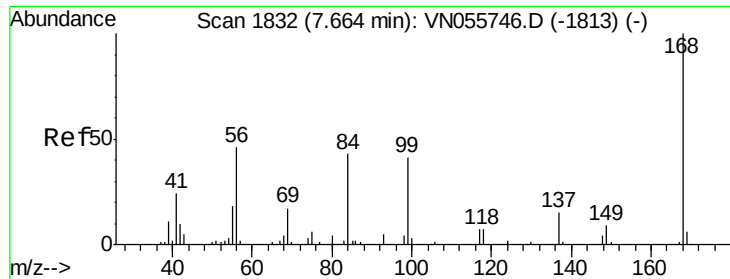
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 352595   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 533991   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 502968   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 166445   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 180798   | 49.65 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.30% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 154112   | 45.65 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.30% |          |
| 50) Toluene-d8              | 10.09 | 98   | 646362   | 49.91 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.82% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 207799   | 46.80 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.60% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 16) Acetone                    | 3.82  | 43   | 23418    | 14.630    | ug/l   | 94     |
| 18) Methyl Acetate             | 4.33  | 43   | 5154     | 0.328     | ug/l # | 73     |
| 20) Methylene Chloride         | 4.54  | 84   | 1054     | 0.304     | ug/l # | 93     |
| 25) 2-Butanone                 | 6.85  | 43   | 6835     | 3.058     | ug/l   | 100    |
| 29) Tetrahydrofuran            | 7.23  | 42   | 1837     | 1.298     | ug/l # | 65     |
| 31) Cyclohexane                | 7.66  | 56   | 5100     | 0.933     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 21364    | 4.591     | ug/l # | 48     |
| 37) Ethyl Acetate              | 6.85  | 43   | 6835     | 1.520     | ug/l # | 67     |
| 38) Carbon Tetrachloride       | 7.66  | 117  | 29403    | 6.066     | ug/l # | 15     |
| 41) Methacrylonitrile          | 7.22  | 41   | 1041     | 0.458     | ug/l # | 20     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 11252    | 1.489     | ug/l # | 88     |
| 45) 1,2-Dichloropropane        | 9.27  | 63   | 1266     | 0.346     | ug/l # | 44     |
| 48) Methyl methacrylate        | 9.18  | 41   | 6253     | 1.795     | ug/l # | 12     |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 3820     | 0.856     | ug/l   | 93     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 44648    | 7.684     | ug/l # | 59     |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 8455     | 1.472     | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.76 | 43   | 115784   | 36.570    | ug/l # | 50     |
| 71) Bromoform                  | 12.40 | 173  | 1345     | 0.393     | ug/l # | 1      |
| 74) N-amyl acetate             | 12.15 | 43   | 319      | Below Cal | #      | 43     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 95850    | 32.331    | ug/l # | 100    |
| 79) 2-Chlorotoluene            | 12.59 | 91   | 172      | Below Cal | #      | 39     |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 517      | Below Cal |        | 88     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 95850    | 77.482    | ug/l # | 15     |
| 84) 1,2,4-Trimethylbenzene     | 13.17 | 105  | 137      | Below Cal | #      | 30     |
| 85) sec-Butylbenzene           | 13.17 | 105  | 137      | Below Cal | #      | 55     |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

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MSVOA\_N

ClientSampleId :

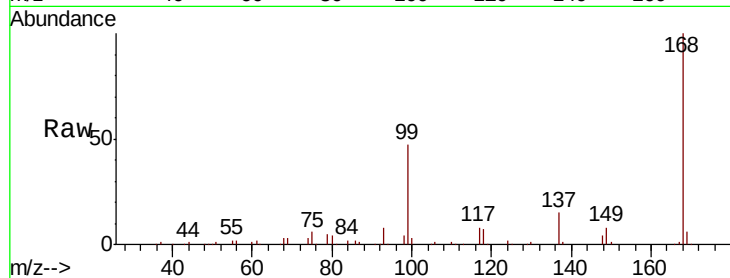
APPLE-TRACK

Tot Ion:168 Resp: 352595

Ion Ratio Lower Upper

168 100

99 47.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

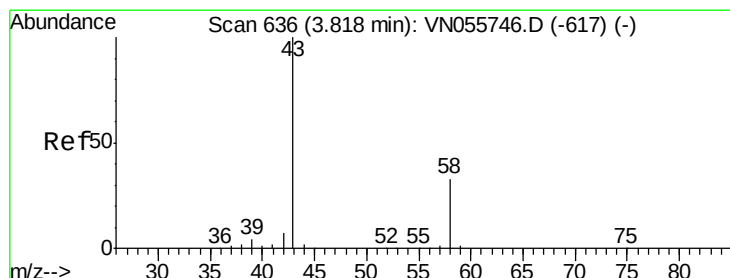
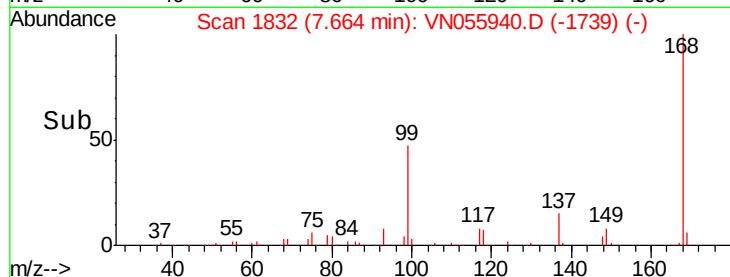
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 14.630 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055940.D

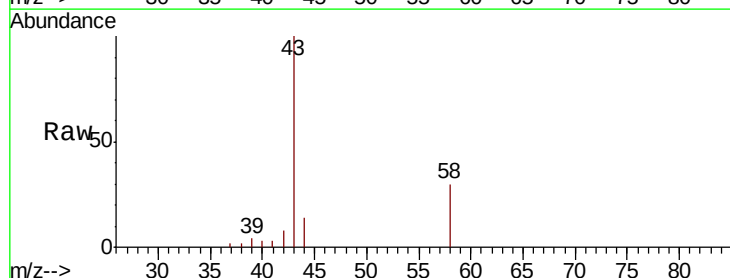
Acq: 1 Jun 2019 00:45

Tgt Ion: 43 Resp: 23418

Ion Ratio Lower Upper

43 100

58 29.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10000

8000

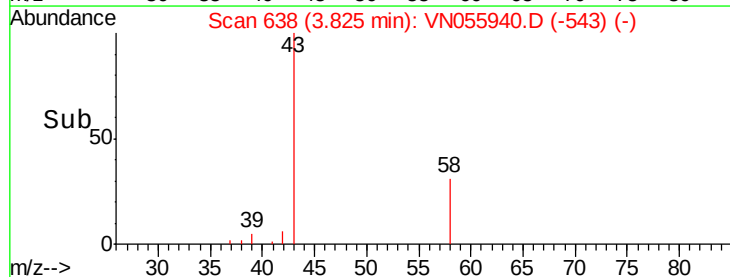
6000

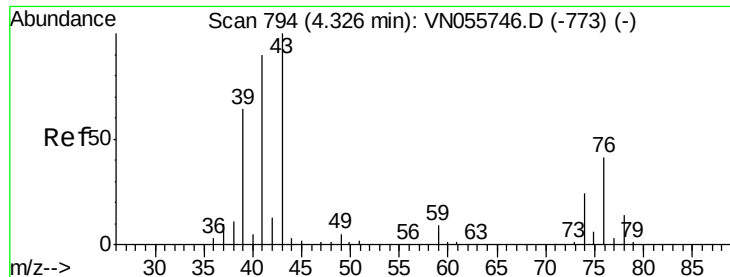
4000

2000

0

Time--> 3.70 3.80 3.90





#18

Methyl Acetate

Concen: 0.328 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

Instrument :

MSVOA\_N

ClientSampleId :

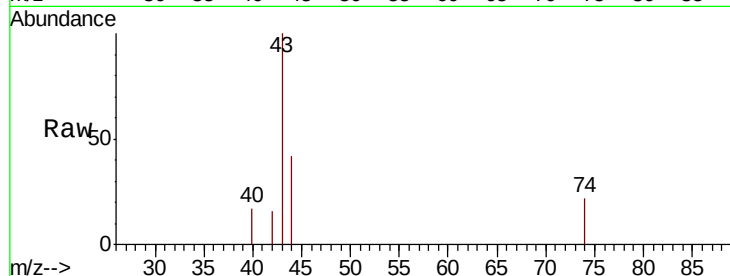
APPLE-TRACK

Tot Ion: 43 Resp: 5154

Ion Ratio Lower Upper

43 100

74 10.9 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VN055940.D (-773) (-)

Ion 74.00 (73.70 to 74.70): VN055940.D (-773) (-)

2000

1500

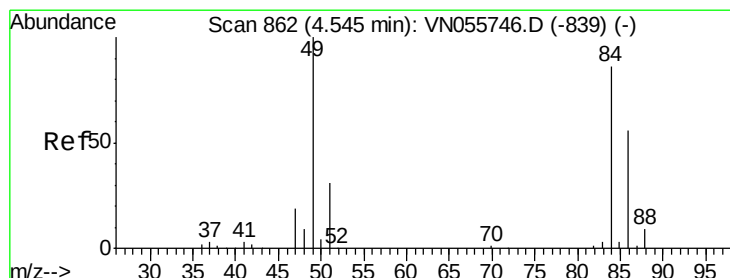
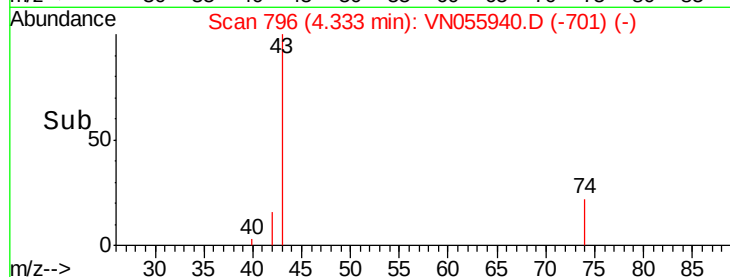
1000

500

0

4.25 4.30 4.35 4.40

Time-->



#20

Methylene Chloride

Concen: 0.304 ug/l

RT: 4.54 min Scan# 860

Delta R.T. -0.01 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

Tgt Ion: 84 Resp: 1054

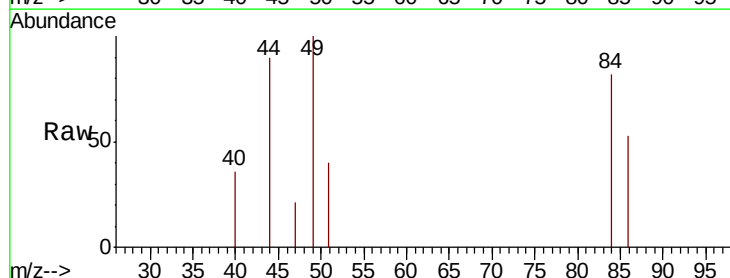
Ion Ratio Lower Upper

84 100

49 122.4 93.5 140.3

51 49.4 28.6 43.0#

86 65.4 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VN055940.D (-839) (-)

Ion 48.90 (48.60 to 49.60): VN055940.D (-839) (-)

Ion 50.90 (50.60 to 51.60): VN055940.D (-839) (-)

Ion 85.90 (85.60 to 86.60): VN055940.D (-839) (-)

1200

1000

800

600

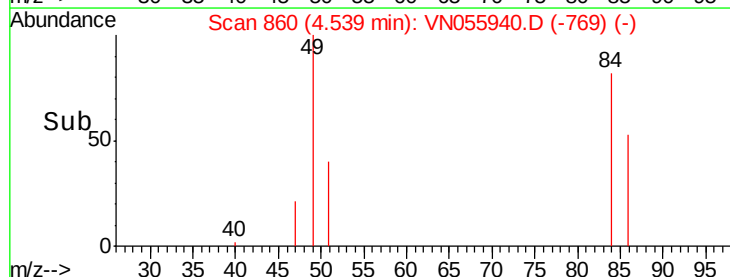
400

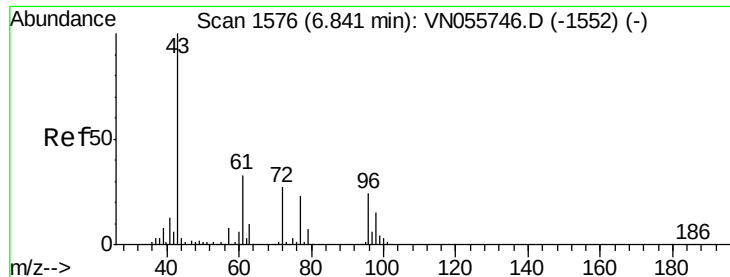
200

0

4.50 4.52 4.54 4.56

Time-->

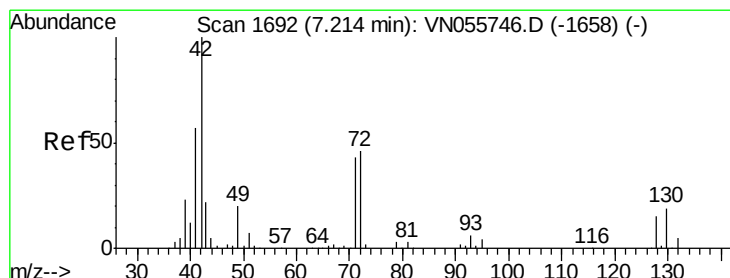
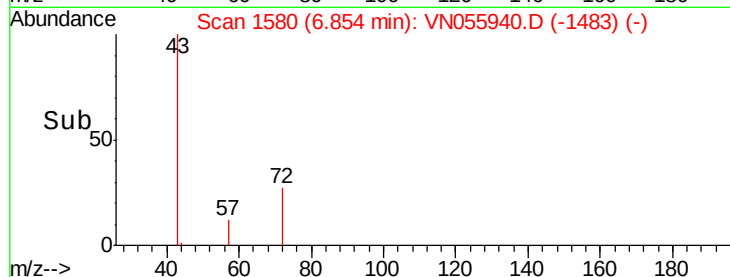
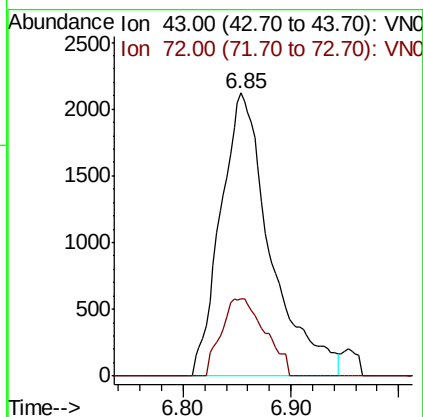
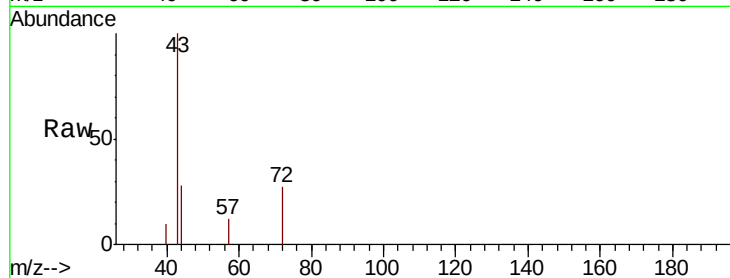




#25  
 2-Butanone  
 Concen: 3.058 ug/l  
 RT: 6.85 min Scan# 1580  
 Delta R.T. 0.01 min  
 Lab File: VN055940.D  
 Acq: 1 Jun 2019 00:45

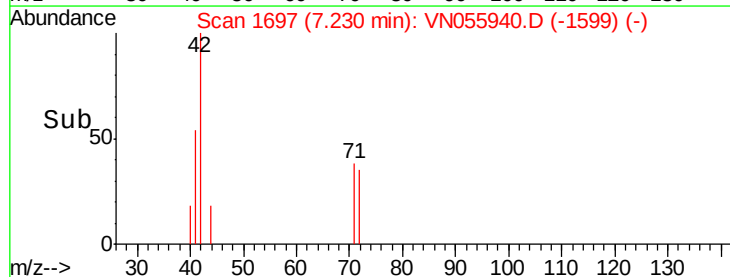
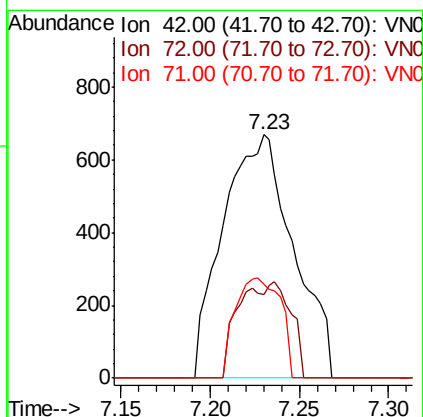
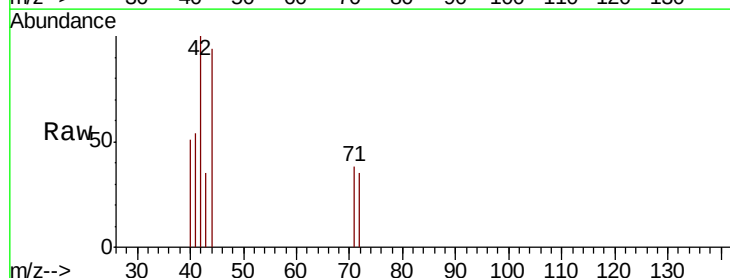
Instrument :  
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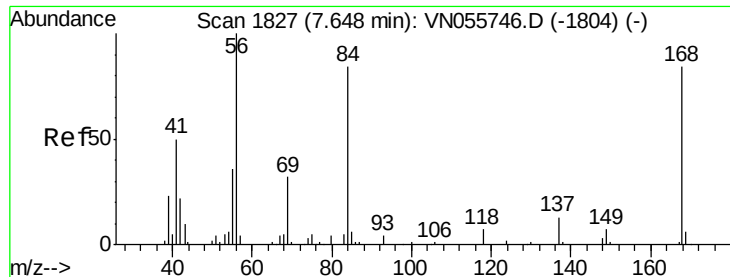
Tot Ion: 43 Resp: 6835  
 Ion Ratio Lower Upper  
 43 100  
 72 27.5 21.9 32.9



#29  
 Tetrahydrofuran  
 Concen: 1.298 ug/l  
 RT: 7.23 min Scan# 1697  
 Delta R.T. 0.02 min  
 Lab File: VN055940.D  
 Acq: 1 Jun 2019 00:45

Tgt Ion: 42 Resp: 1837  
 Ion Ratio Lower Upper  
 42 100  
 72 15.6 35.9 53.9#  
 71 26.5 34.0 51.0#

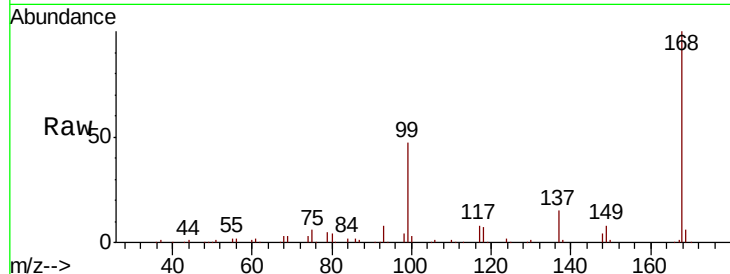




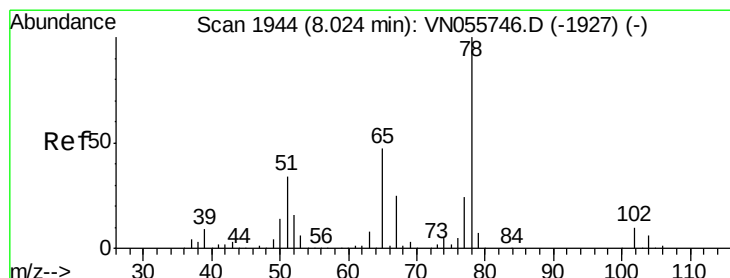
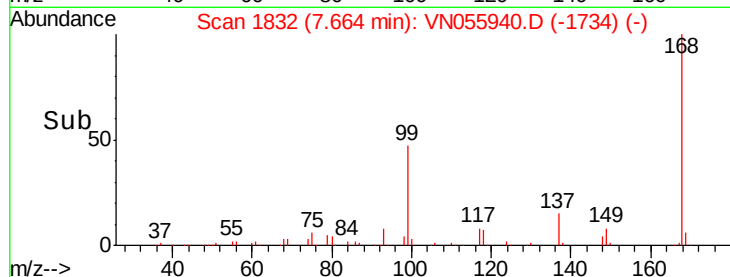
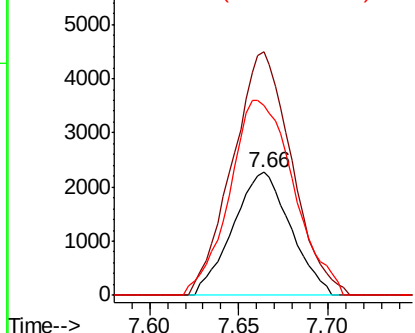
#31  
Cyclohexane  
Concen: 0.933 ug/l  
RT: 7.66 min Scan# 1832  
Delta R.T. 0.02 min  
Lab File: VN055940.D  
Acq: 1 Jun 2019 00:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
APPLE-TRACK

Tot Ion: 56 Resp: 5100  
Ion Ratio Lower Upper  
56 100  
69 197.9 25.6 38.4#  
84 146.9 67.4 101.0#

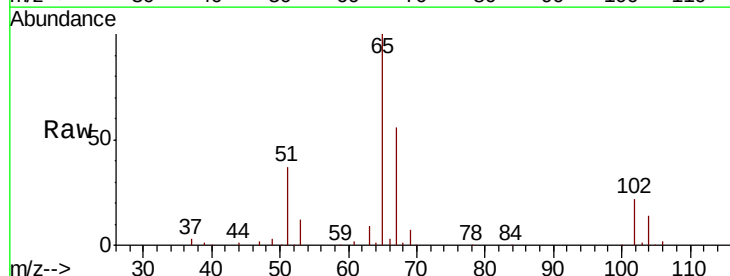


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

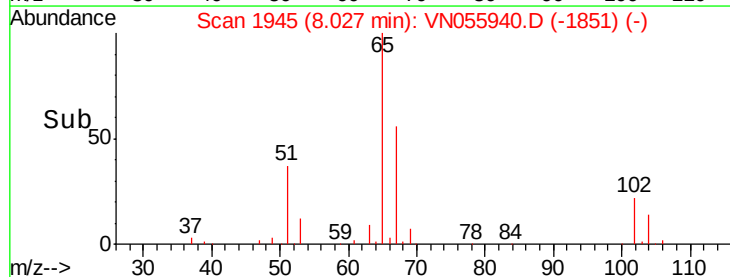
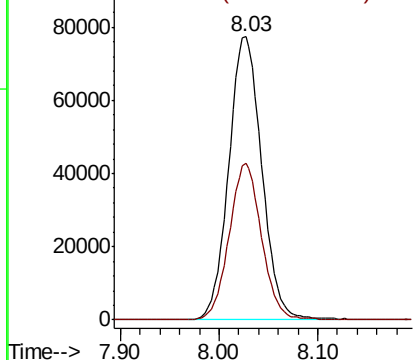


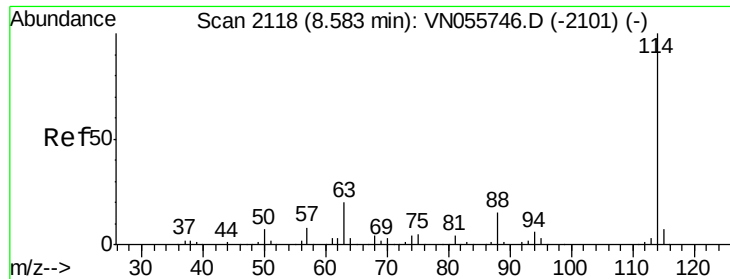
#33  
1,2-Dichloroethane-d4  
Concen: 49.652 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. 0.00 min  
Lab File: VN055940.D  
Acq: 1 Jun 2019 00:45

Tgt Ion: 65 Resp: 180798  
Ion Ratio Lower Upper  
65 100  
67 54.1 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0  
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

Instrument :

MSVOA\_N

ClientSampleId :

APPLE-TRACK

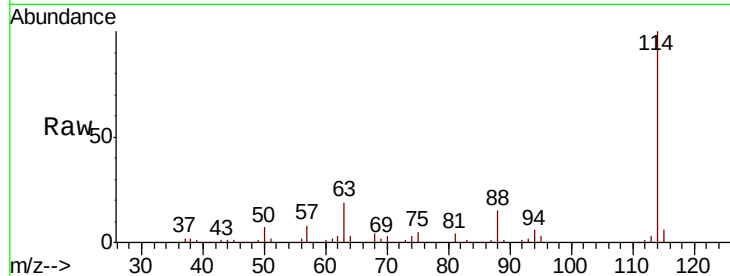
Tot Ion:114 Resp: 533991

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

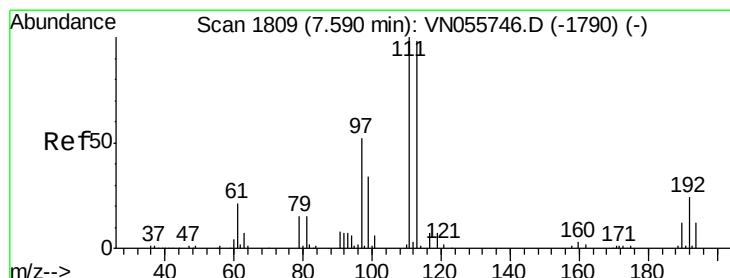
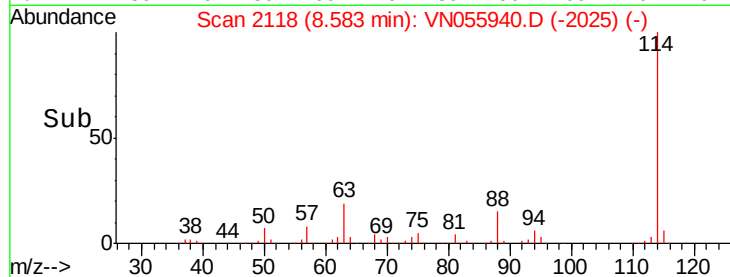
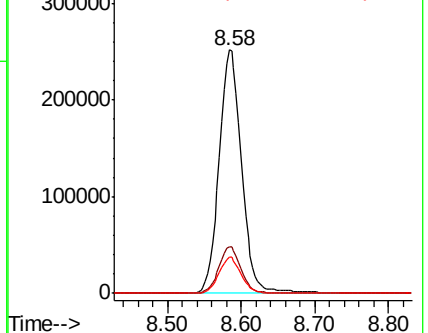
88 15.0 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.648 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

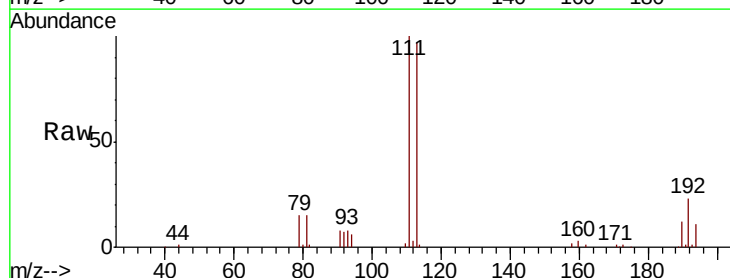
Tgt Ion:113 Resp: 154112

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

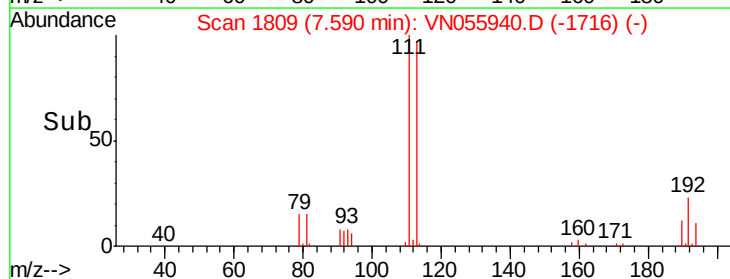
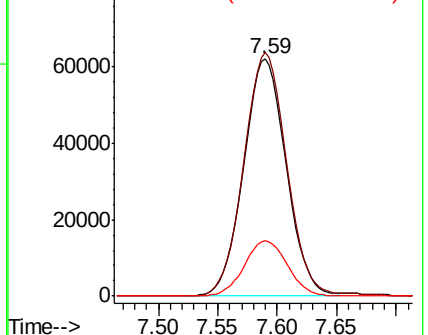
192 23.7 19.5 29.3

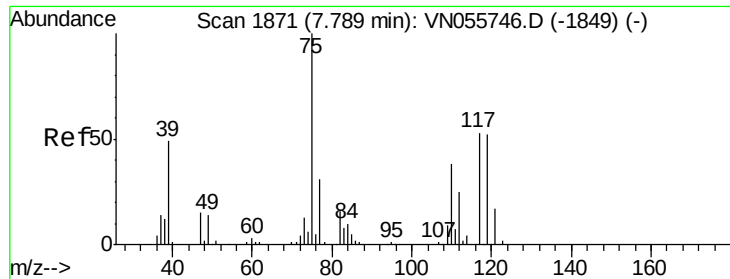


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

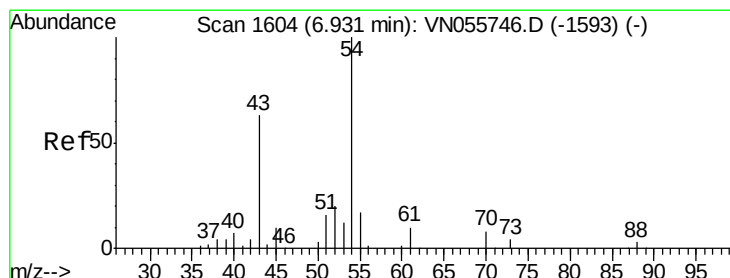
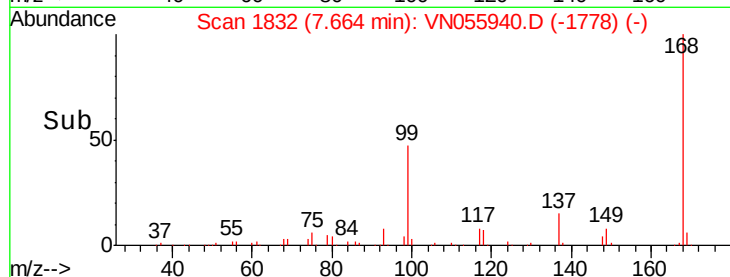
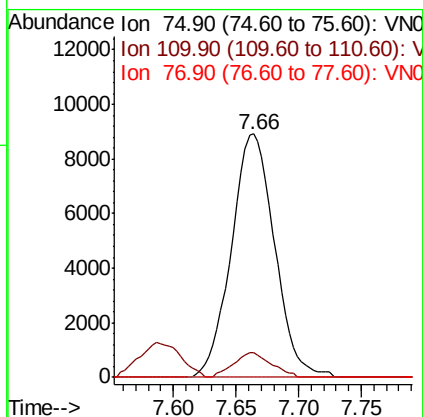
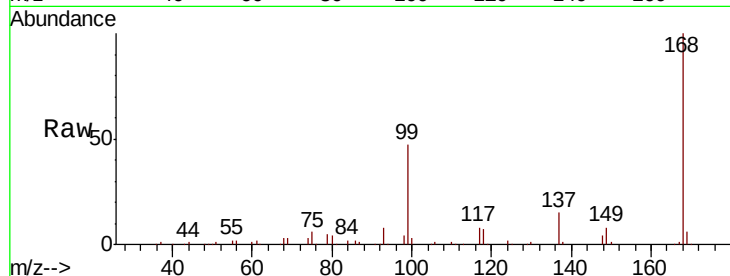




#36  
 1,1-Dichloropropene  
 Concen: 4.591 ug/l  
 RT: 7.66 min Scan# 1832  
 Delta R.T. -0.13 min  
 Lab File: VN055940.D  
 Acq: 1 Jun 2019 00:45

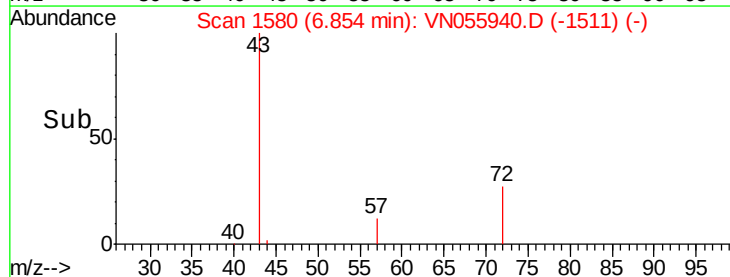
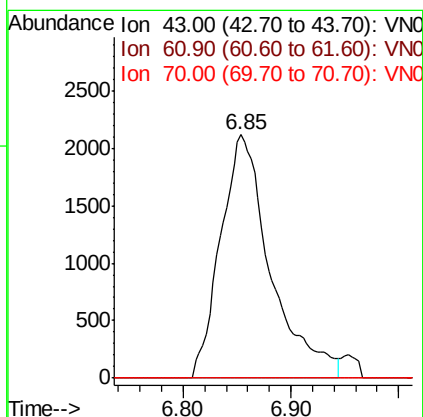
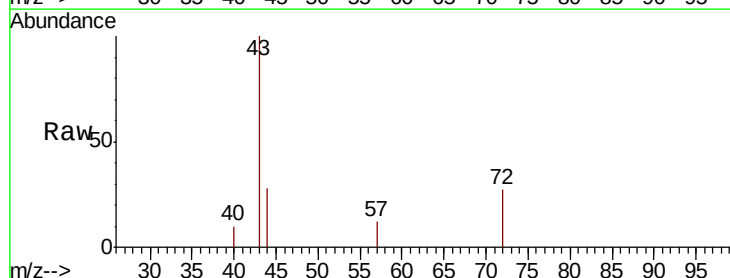
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 APPLE-TRACK

Tot Ion: 75 Resp: 21364  
 Ion Ratio Lower Upper  
 75 100  
 110 8.8 19.0 57.0#  
 77 0.0 25.1 37.7#

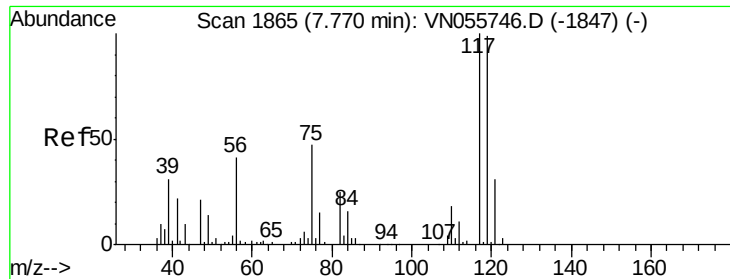


#37  
 Ethyl Acetate  
 Concen: 1.520 ug/l  
 RT: 6.85 min Scan# 1580  
 Delta R.T. -0.08 min  
 Lab File: VN055940.D  
 Acq: 1 Jun 2019 00:45

Tgt Ion: 43 Resp: 6835  
 Ion Ratio Lower Upper  
 43 100  
 61 0.0 12.2 18.2#  
 70 0.0 8.9 13.3#



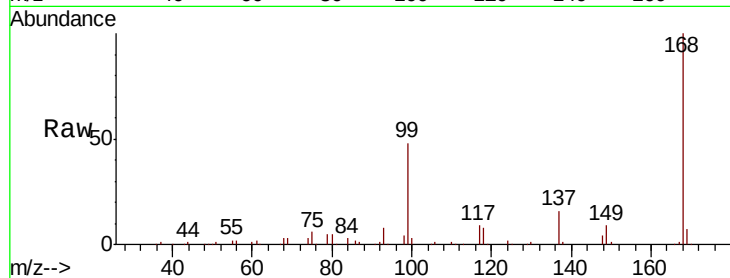




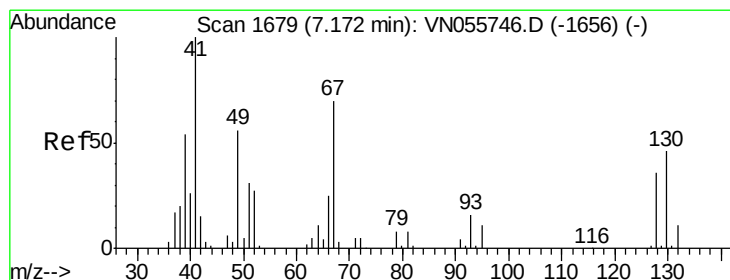
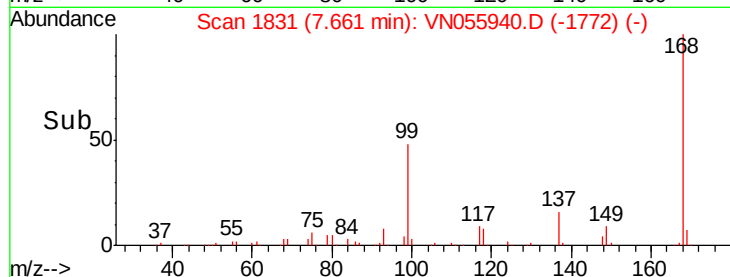
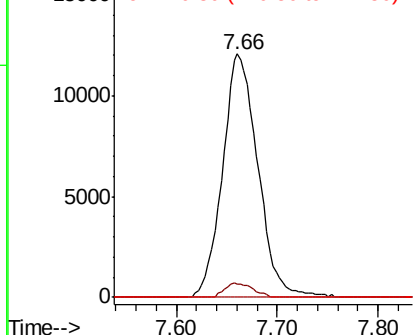
#38  
Carbon Tetrachloride  
Concen: 6.066 ug/l  
RT: 7.66 min Scan# 1831  
Delta R.T. -0.11 min  
Lab File: VN055940.D  
Acq: 1 Jun 2019 00:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
APPLE-TRACK

Tot Ion:117 Resp: 29403  
Ion Ratio Lower Upper  
117 100  
119 5.6 79.0 118.6#  
121 0.0 24.7 37.1#

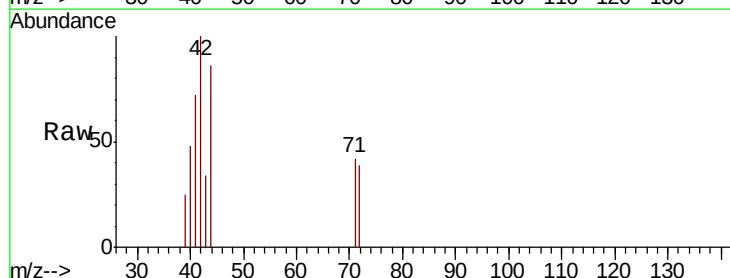


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

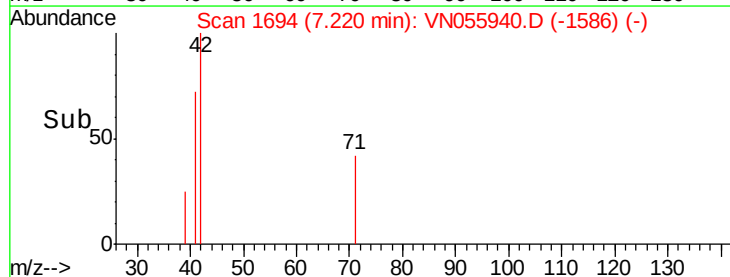
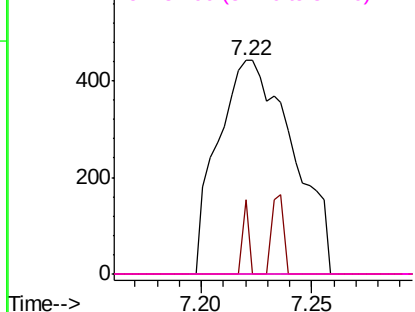


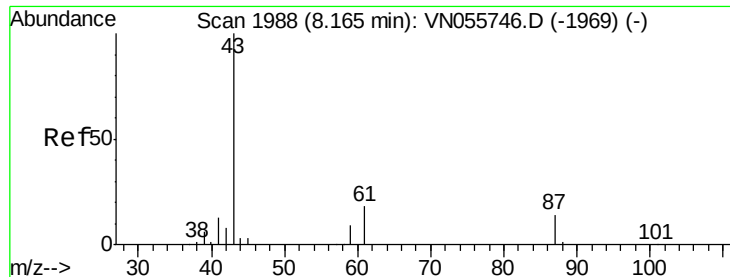
#41  
Methacrylonitrile  
Concen: 0.458 ug/l  
RT: 7.22 min Scan# 1694  
Delta R.T. 0.05 min  
Lab File: VN055940.D  
Acq: 1 Jun 2019 00:45

Tgt Ion: 41 Resp: 1041  
Ion Ratio Lower Upper  
41 100  
39 2.9 45.6 68.4#  
67 0.0 67.7 101.5#  
52 0.0 26.6 40.0#



Abundance Ion 41.00 (40.70 to 41.70): V  
Ion 39.00 (38.70 to 39.70): V  
Ion 67.00 (66.70 to 67.70): V  
Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 1.489 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

Instrument :

MSVOA\_N

ClientSampleId :

APPLE-TRACK

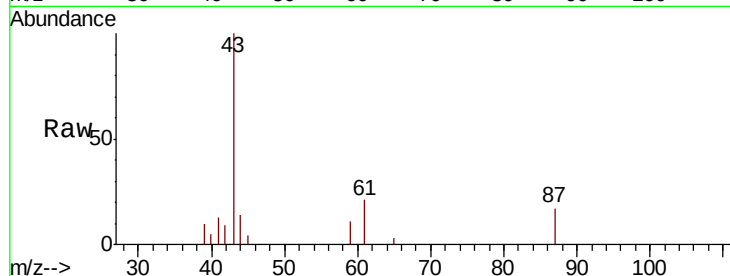
Tot Ion: 43 Resp: 11252

Ion Ratio Lower Upper

43 100

61 19.5 22.2 33.4#

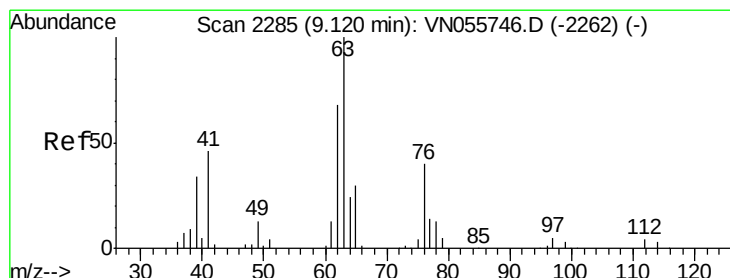
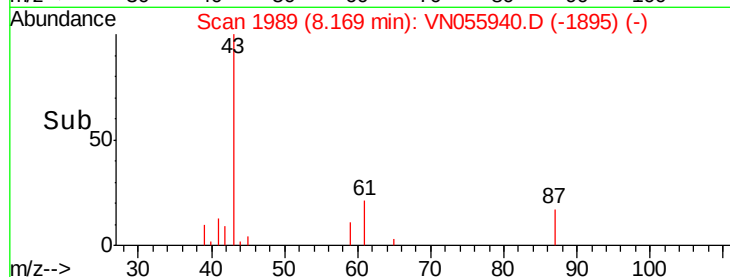
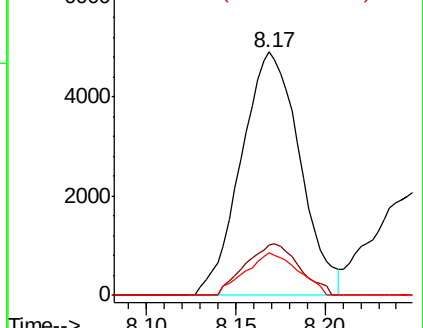
87 15.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055940.D (-2192) (-)

Ion 61.00 (60.70 to 61.70): VN055940.D (-2192) (-)

Ion 87.00 (86.70 to 87.70): VN055940.D (-2192) (-)



#45

1,2-Dichloropropane

Concen: 0.346 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055940.D

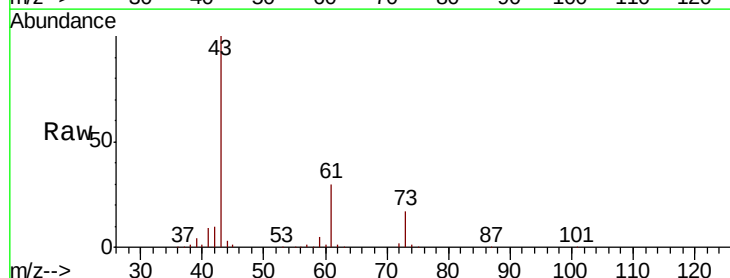
Acq: 1 Jun 2019 00:45

Tgt Ion: 63 Resp: 1266

Ion Ratio Lower Upper

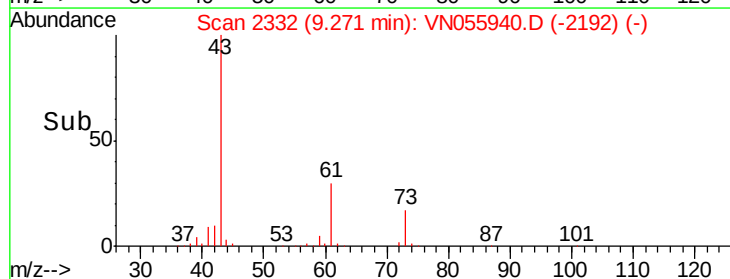
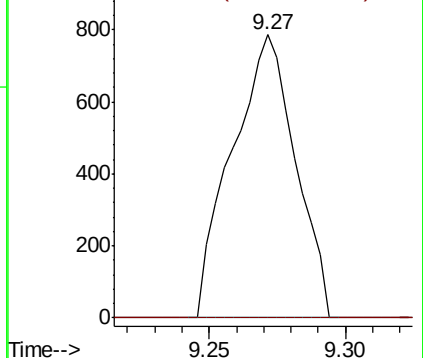
63 100

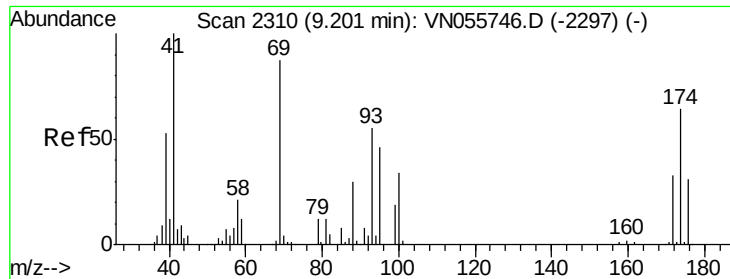
65 0.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN055940.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN055940.D (-2192) (-)

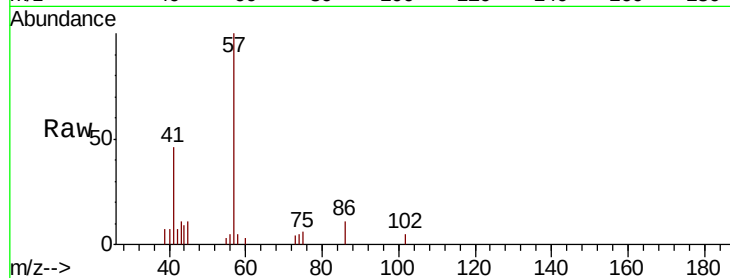




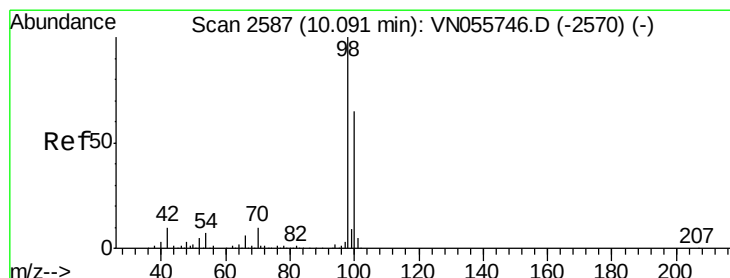
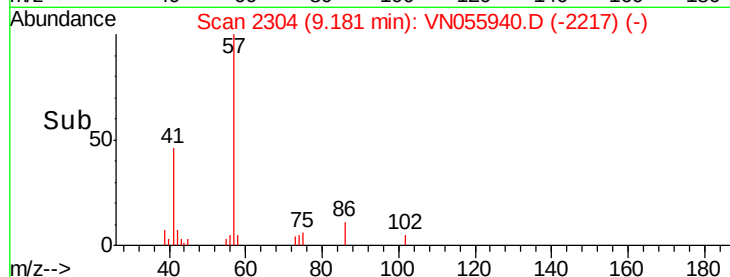
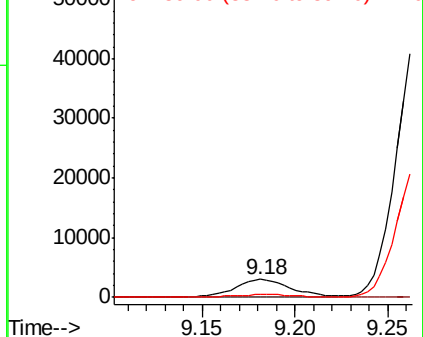
#48  
Methvl methacrylate  
Concen: 1.795 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. -0.02 min  
Lab File: VN055940.D  
Acq: 1 Jun 2019 00:45

Instrument :  
MSVOA\_N  
ClientSampled :  
APPLE-TRACK

Tot Ion: 41 Resp: 6253  
Ion Ratio Lower Upper  
41 100  
69 0.0 71.0 106.6#  
39 0.0 44.2 66.2#

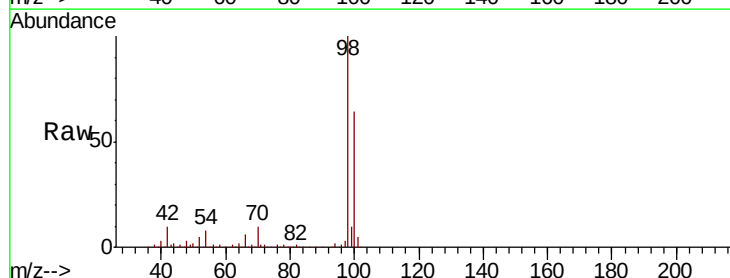


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

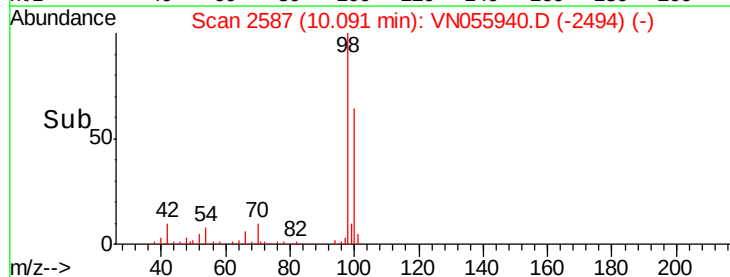
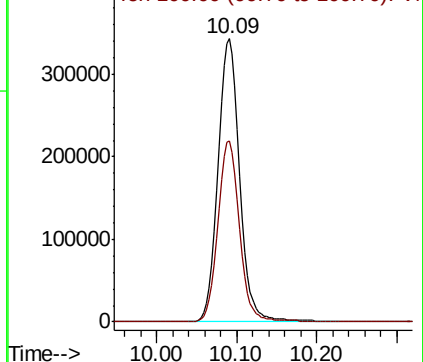


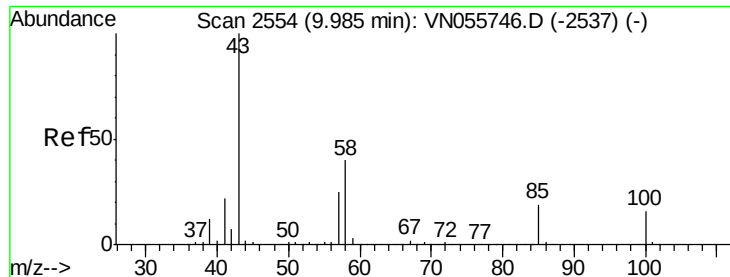
#50  
Toluene-d8  
Concen: 49.911 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN055940.D  
Acq: 1 Jun 2019 00:45

Tgt Ion: 98 Resp: 646362  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0  
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.856 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

Instrument :

MSVOA\_N

ClientSampleId :

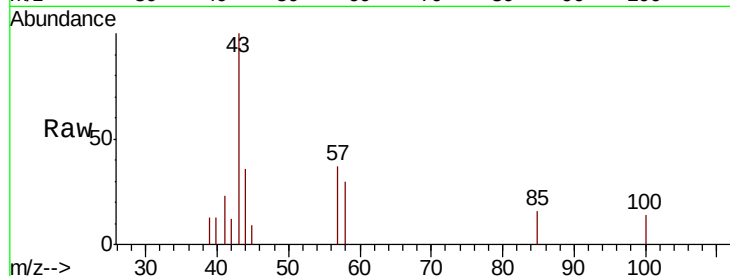
APPLE-TRACK

Tot Ion: 43 Resp: 3820

Ion Ratio Lower Upper

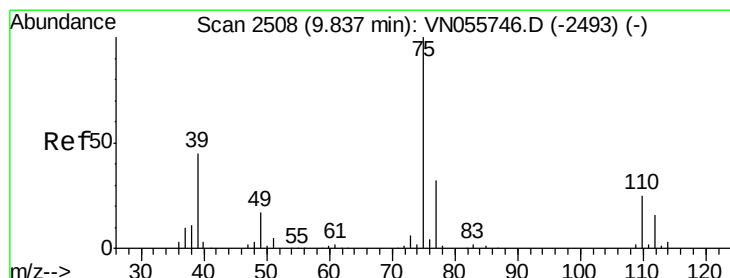
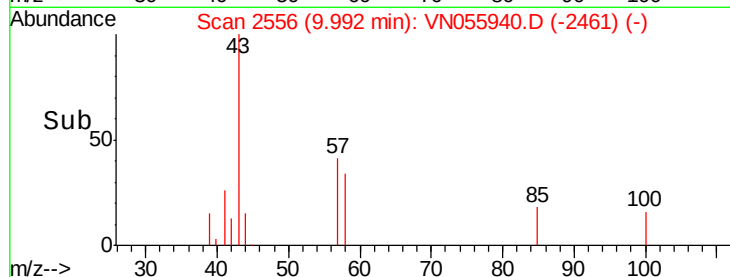
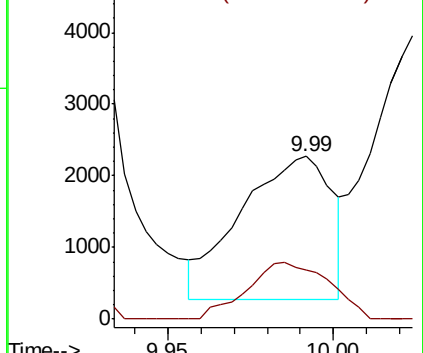
43 100

58 35.9 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 7.684 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

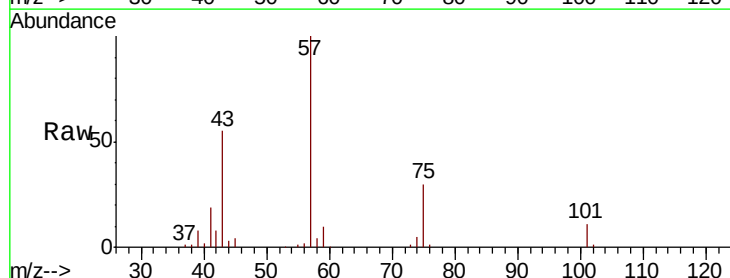
Tgt Ion: 75 Resp: 44648

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

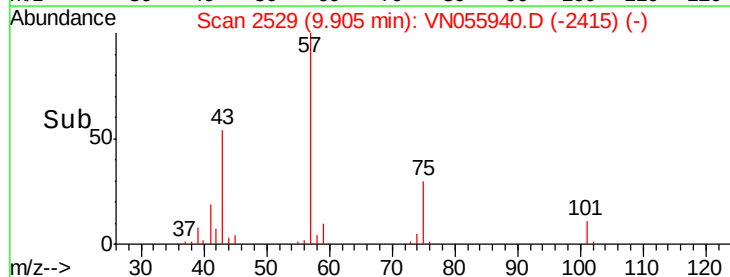
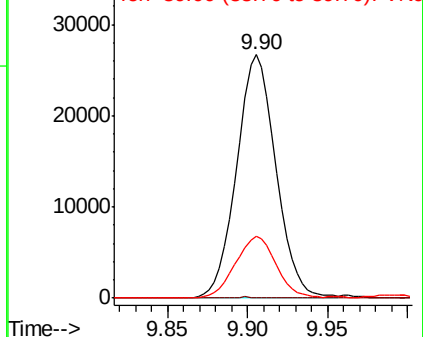
39 25.6 36.3 54.5#

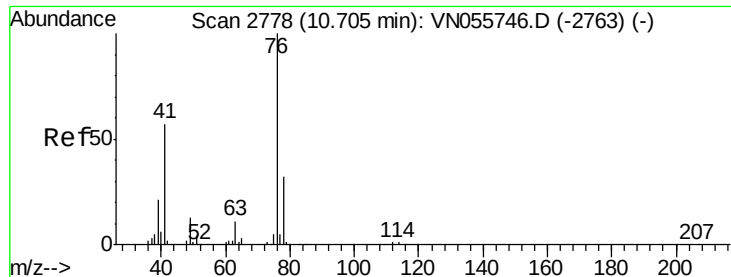


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.472 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

Instrument :

MSVOA\_N

ClientSampleId :

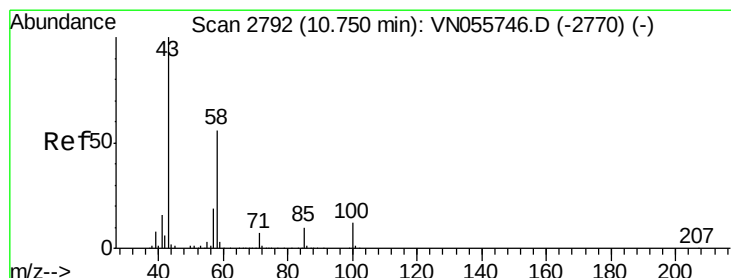
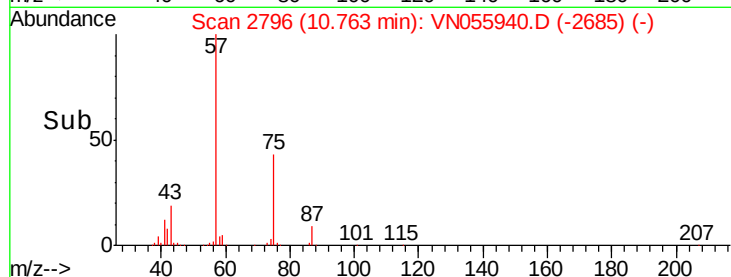
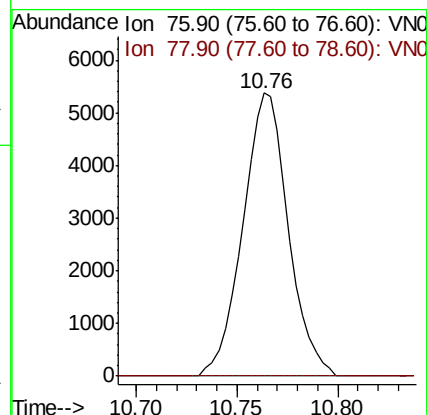
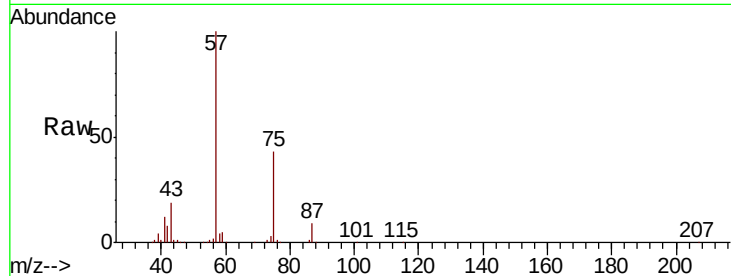
APPLE-TRACK

Tot Ion: 76 Resp: 8455

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 36.570 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055940.D

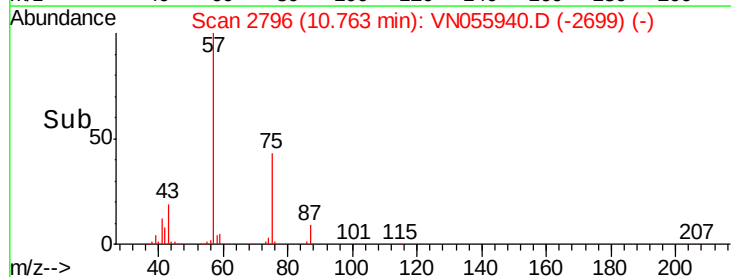
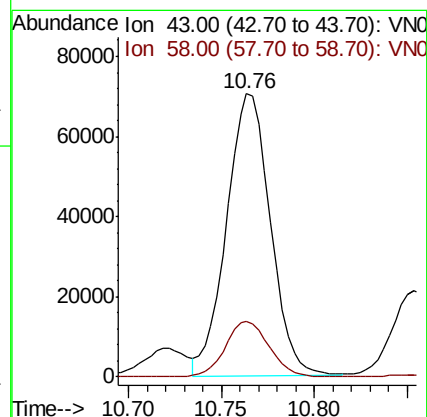
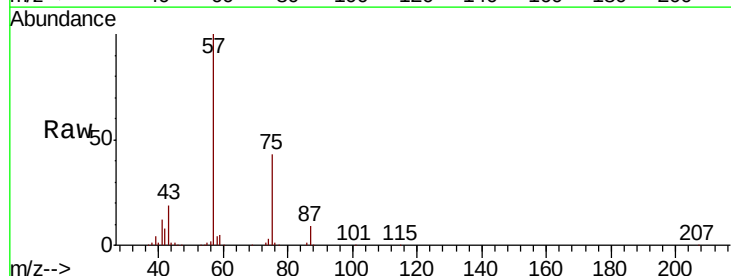
Acq: 1 Jun 2019 00:45

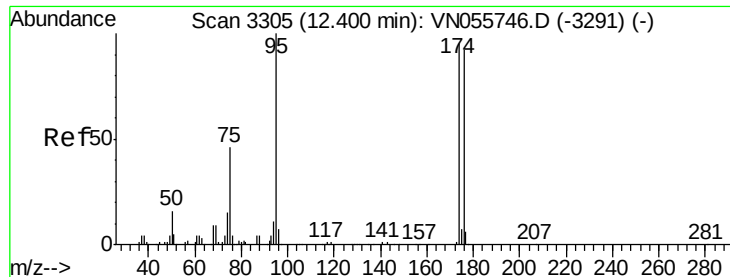
Tgt Ion: 43 Resp: 115784

Ion Ratio Lower Upper

43 100

58 19.7 28.2 84.7#





#62

4-Bromofluorobenzene

Concen: 46.796 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

Instrument :

MSVOA\_N

ClientSampleId :

APPLE-TRACK

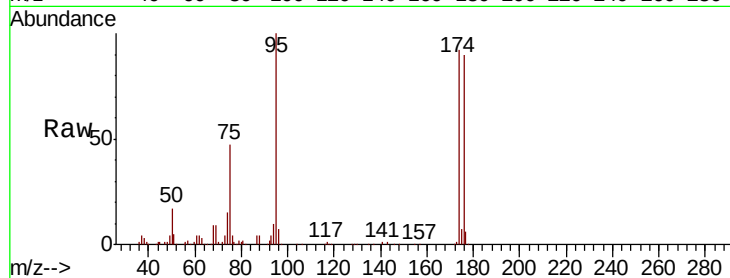
Tot Ion: 95 Resp: 207799

Ion Ratio Lower Upper

95 100

174 92.8 0.0 191.0

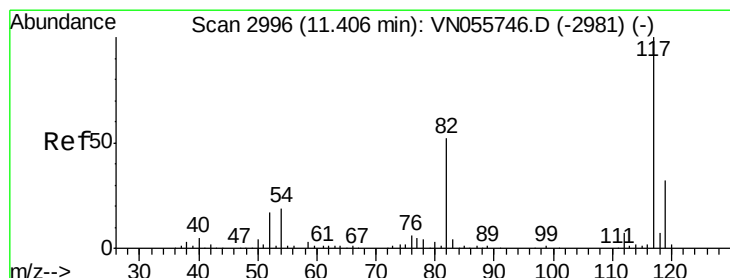
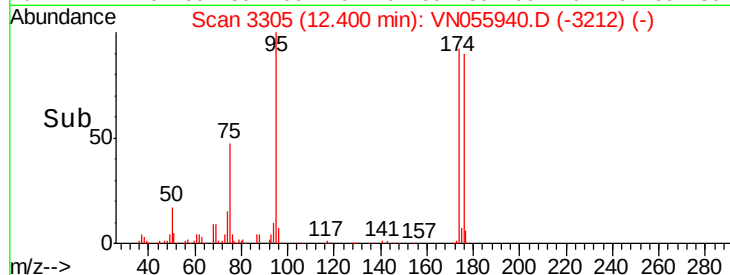
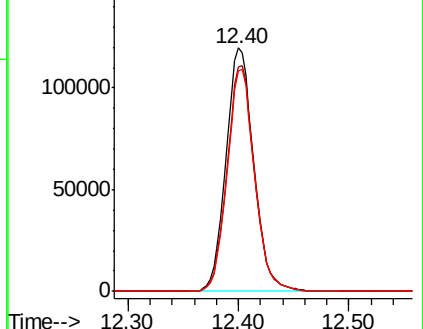
176 90.2 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

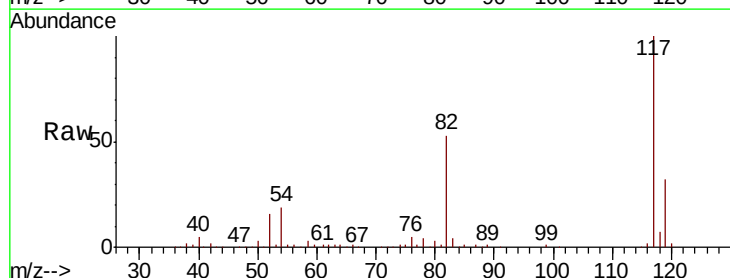
Tgt Ion: 117 Resp: 502968

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.8

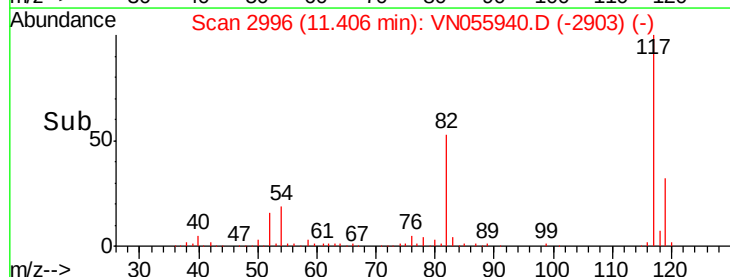
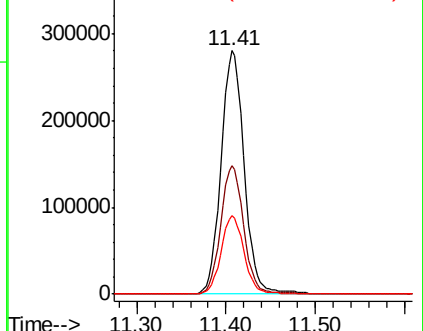
119 32.4 25.4 38.0

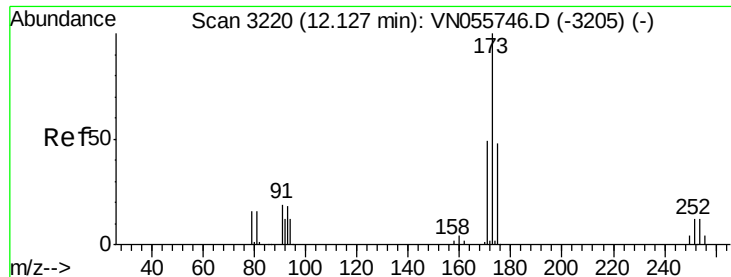


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.393 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

Instrument :

MSVOA\_N

ClientSampled :

APPLE-TRACK

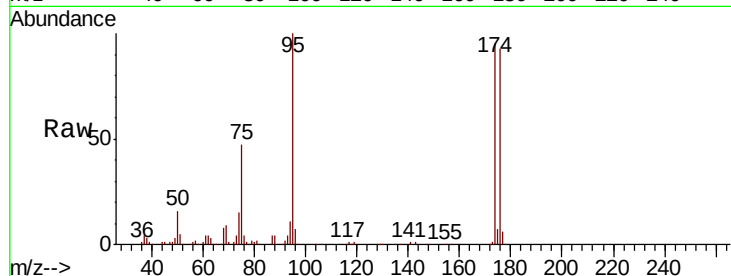
Tot Ion:173 Resp: 1345

Ion Ratio Lower Upper

173 100

175 908.9 24.3 72.8#

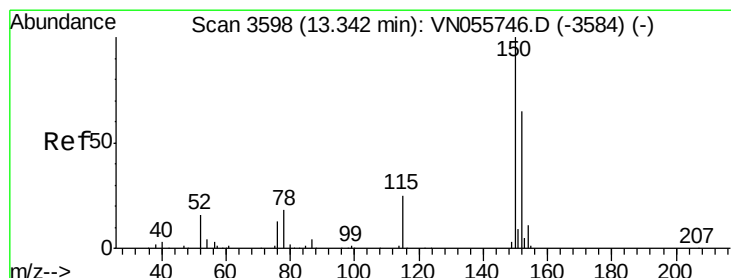
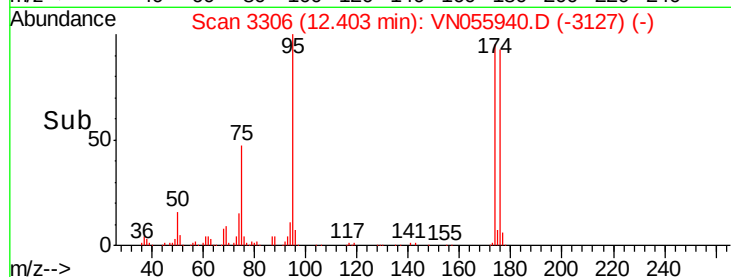
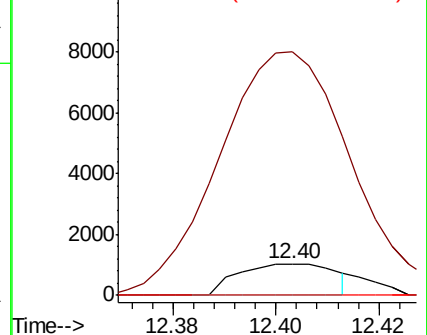
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

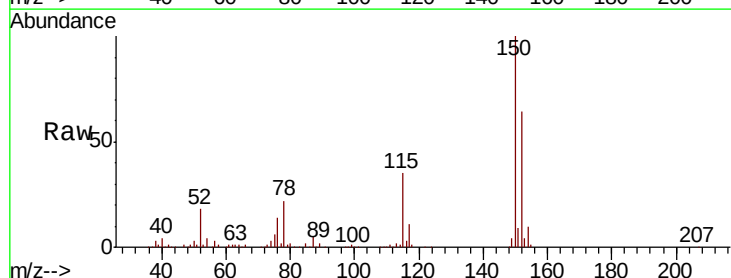
Tgt Ion:152 Resp: 166445

Ion Ratio Lower Upper

152 100

115 53.8 27.0 81.0

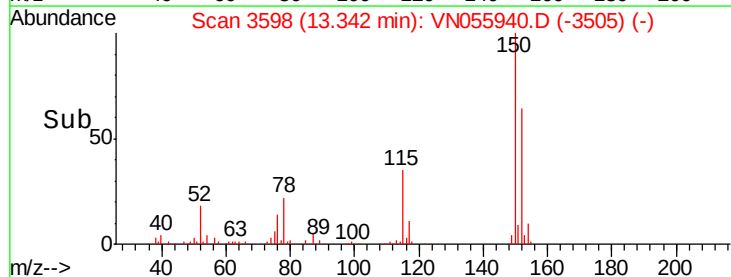
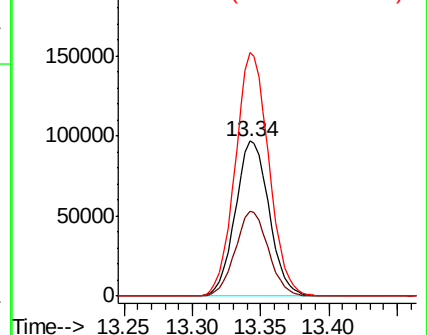
150 156.2 0.0 343.2

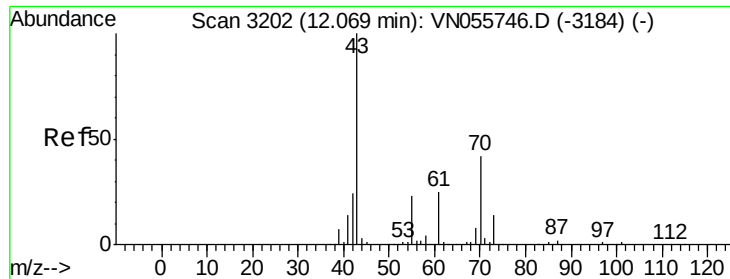


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: Below Cal

RT: 12.15 min Scan# 3228

Delta R.T. 0.08 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

Instrument :

MSVOA\_N

ClientSampleId :

APPLE-TRACK

Tot Ion: 43 Resp: 319

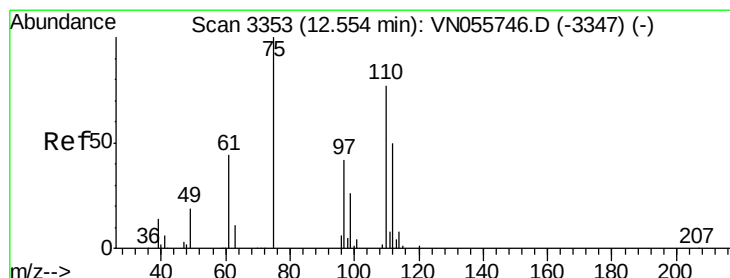
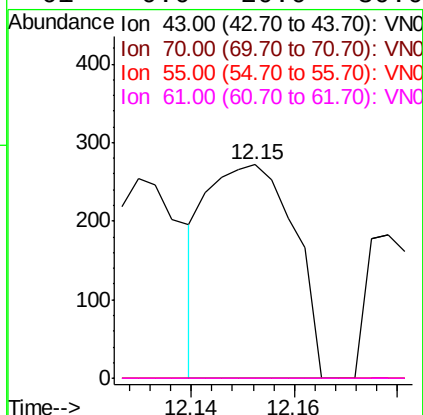
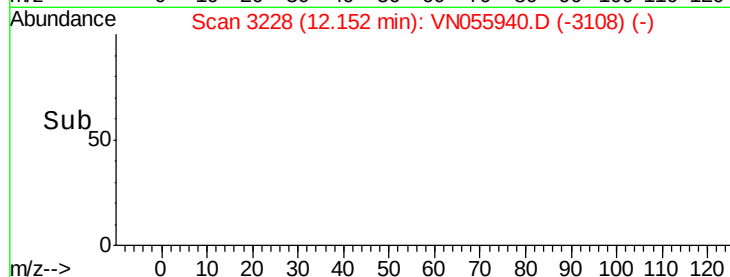
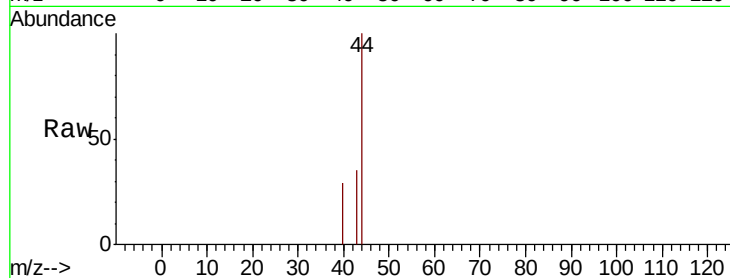
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#



#76

1,2,3-Trichloropropane

Concen: 32.331 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055940.D

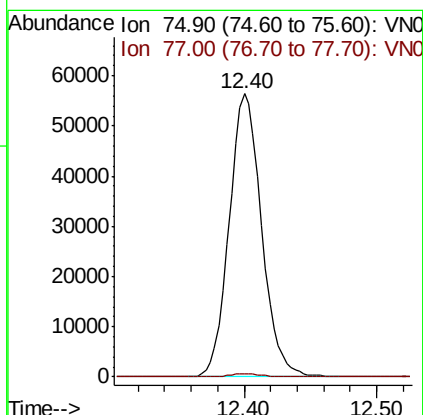
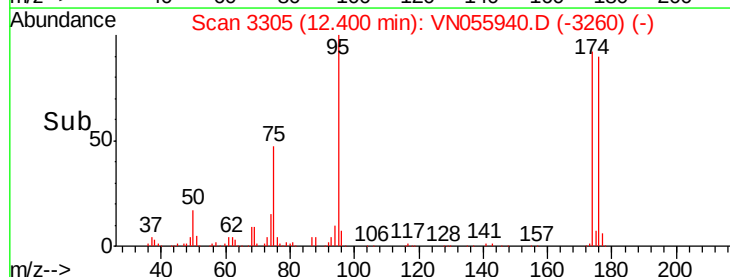
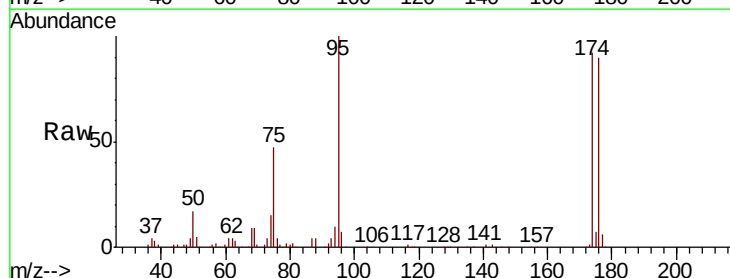
Acq: 1 Jun 2019 00:45

Tgt Ion: 75 Resp: 95850

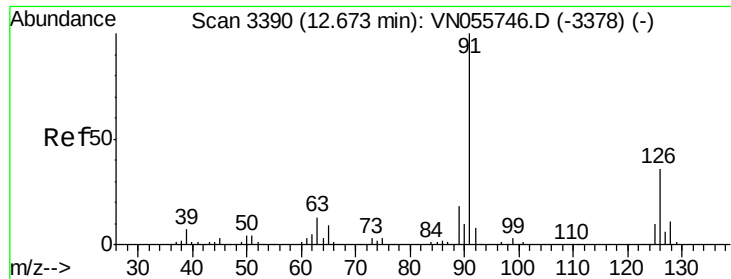
Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#







#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.59 min Scan# 3363

Delta R.T. -0.09 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

Instrument :

MSVOA\_N

ClientSampleId :

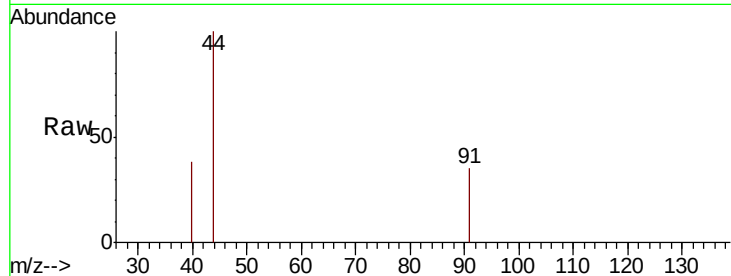
APPLE-TRACK

Tot Ion: 91 Resp: 172

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055746.D (-3378) (-)

12.59

200

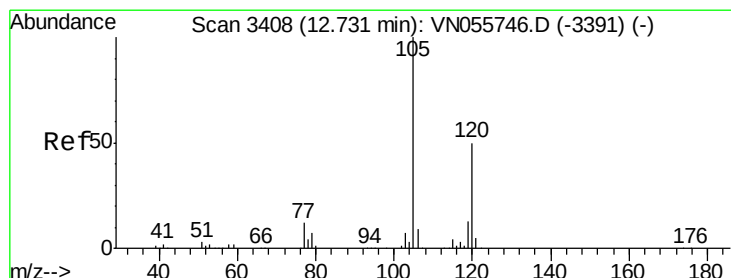
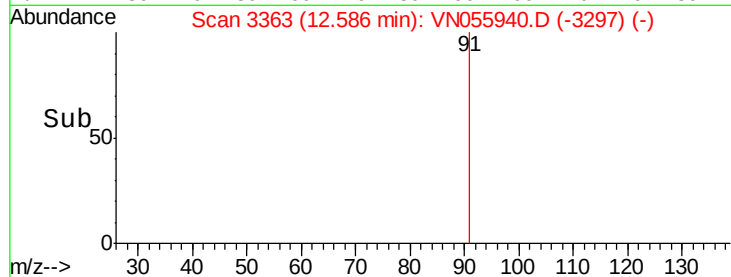
150

100

50

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055940.D

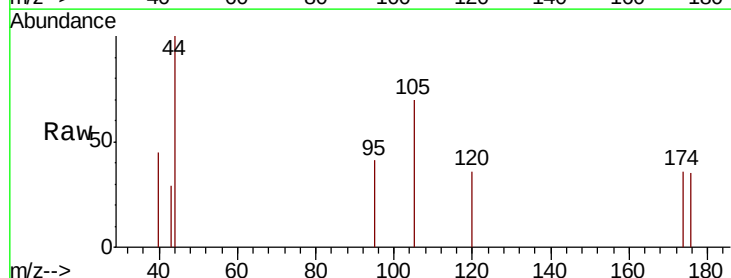
Acq: 1 Jun 2019 00:45

Tgt Ion: 105 Resp: 517

Ion Ratio Lower Upper

105 100

120 57.4 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055746.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN055746.D (-3391) (-)

12.73

500

400

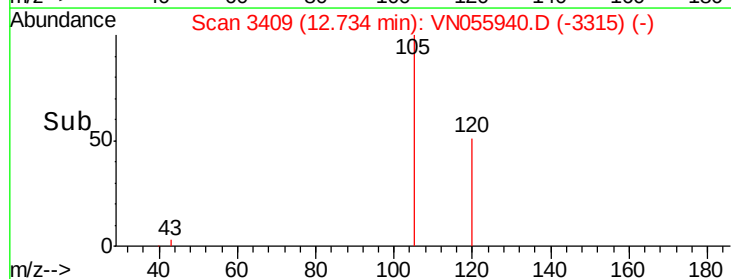
300

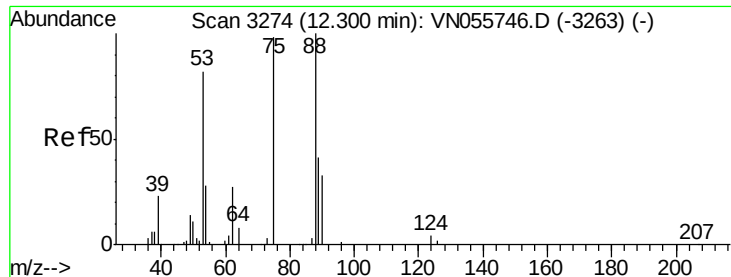
200

100

0

Time-->

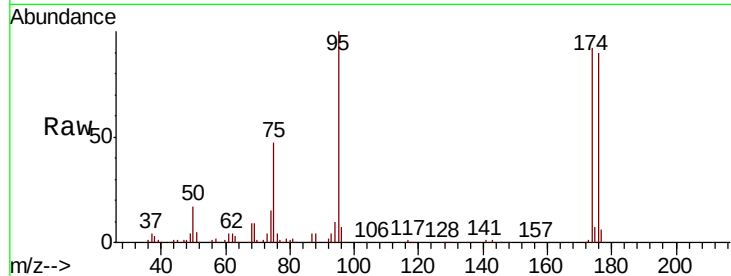




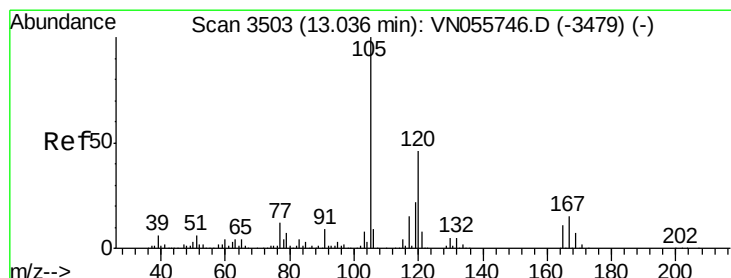
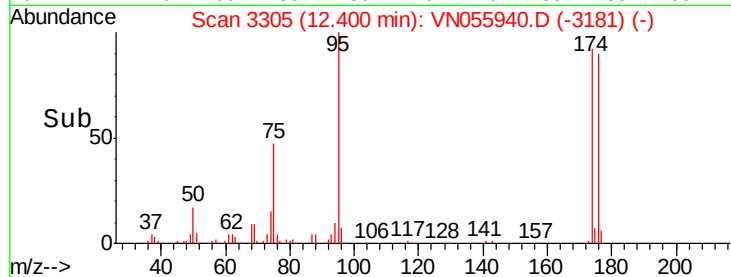
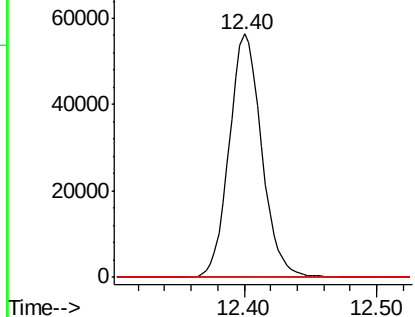
#81  
trans-1,4-Dichloro-2-butene  
Concen: 77.482 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.10 min  
Lab File: VN055940.D  
Acq: 1 Jun 2019 00:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
APPLE-TRACK

Tot Ion: 75 Resp: 95850  
Ion Ratio Lower Upper  
75 100  
53 0.0 68.1 102.1#  
89 0.0 36.9 55.3#

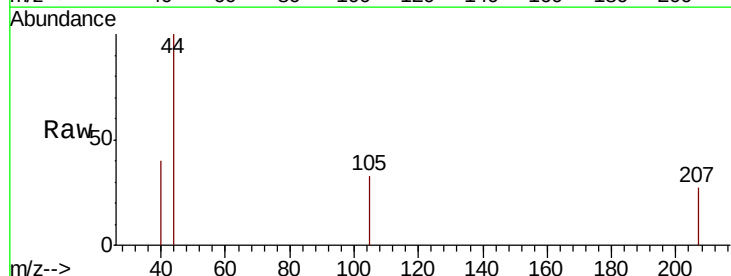


Abundance Ion 74.90 (74.60 to 75.60): VN0  
Ion 53.00 (52.70 to 53.70): VN0  
Ion 88.90 (88.60 to 89.60): VN0

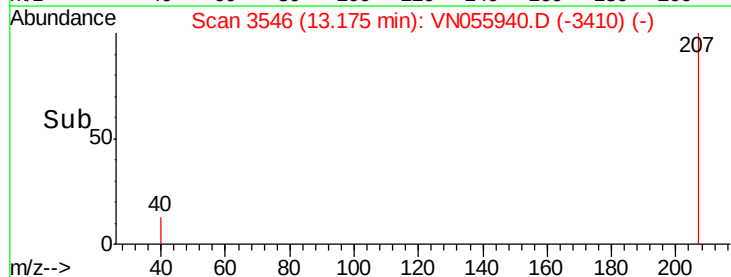
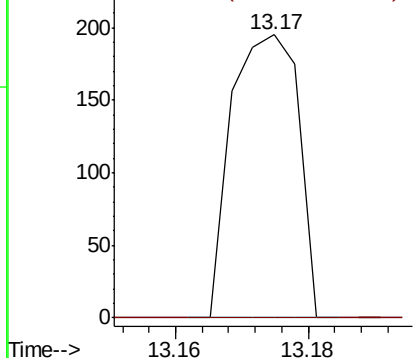


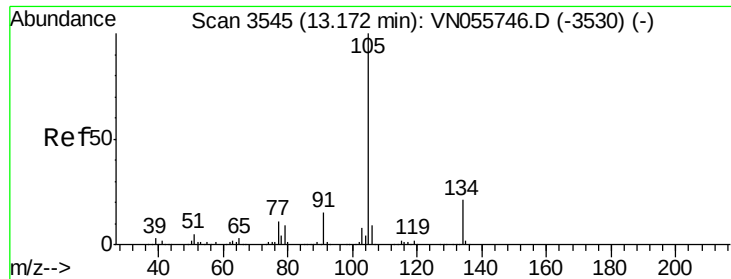
#84  
1,2,4-Trimethylbenzene  
Concen: Below Cal  
RT: 13.17 min Scan# 3546  
Delta R.T. 0.14 min  
Lab File: VN055940.D  
Acq: 1 Jun 2019 00:45

Tgt Ion: 105 Resp: 137  
Ion Ratio Lower Upper  
105 100  
120 0.0 23.0 69.0#



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





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN055940.D

Acq: 1 Jun 2019 00:45

Instrument :

MSVOA\_N

ClientSampleId :

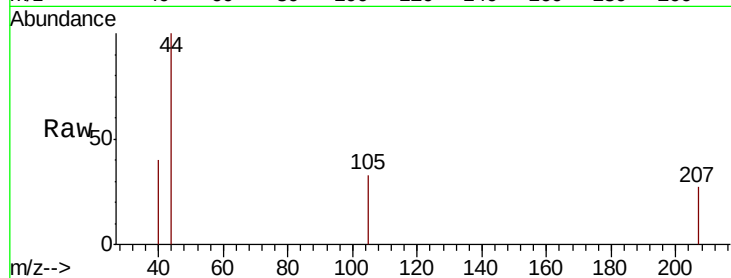
APPLE-TRACK

Tot Ion:105 Resp: 137

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

