

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081920\  
 Data File : VN063021.D  
 Acq On : 19 Aug 2020 18:46  
 Operator : JC/MD  
 Sample : L3507-12  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SU-02-081820

Quant Time: Aug 20 01:26:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N081820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 19 06:09:27 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 152163   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 259315   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 283706   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 100677   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 96159    | 53.32 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.64% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 86546    | 51.22 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.44% |          |
| 50) Toluene-d8              | 10.06 | 98   | 346207   | 53.34 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.68% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 116797   | 51.00 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.00% |          |

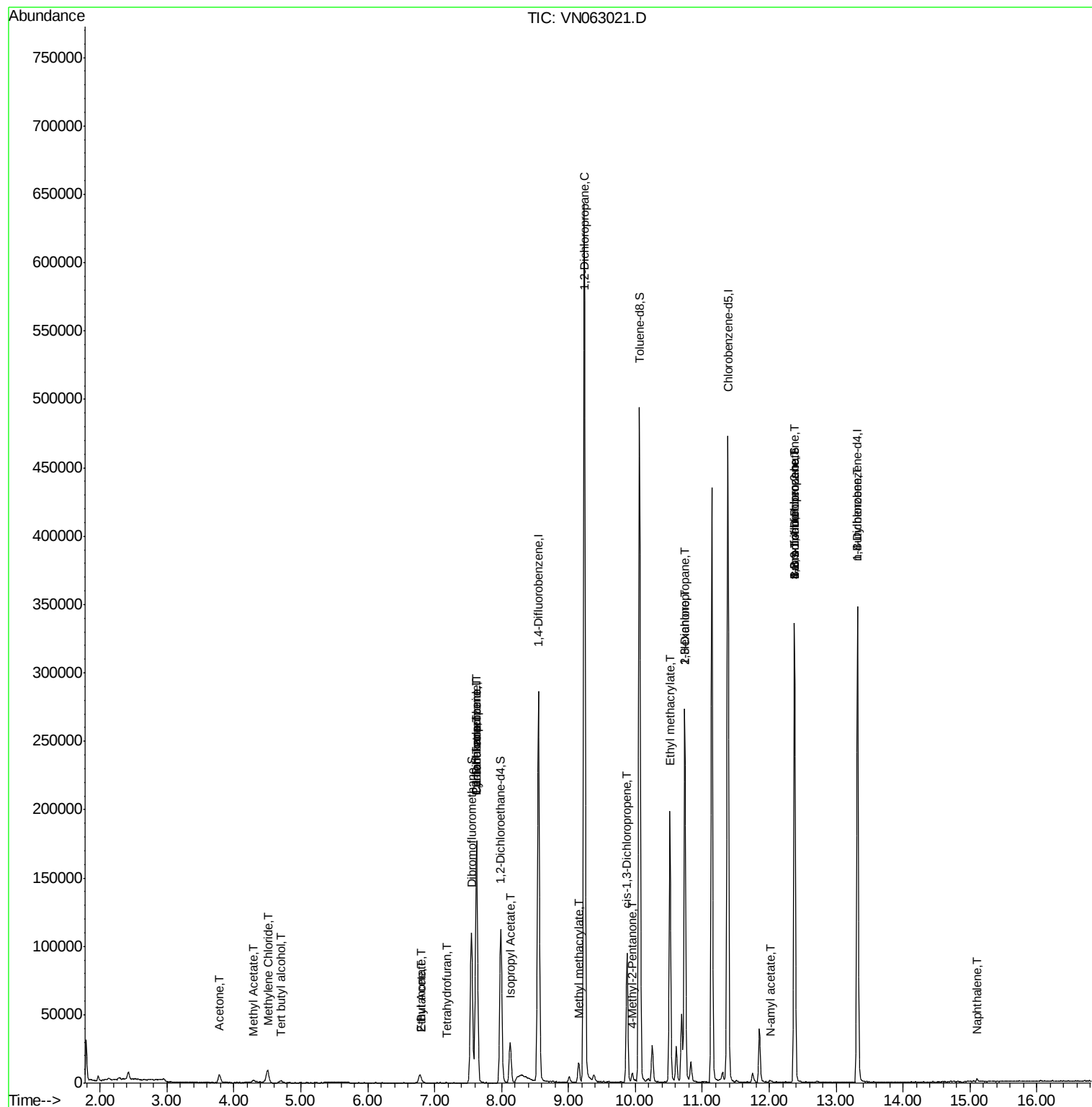
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 11) Tert butyl alcohol         | 4.71  | 59   | 1735     | 6.792  | ug/l # | 74     |
| 16) Acetone                    | 3.78  | 43   | 10040    | 14.152 | ug/l   | 96     |
| 18) Methyl Acetate             | 4.29  | 43   | 3141     | 1.753  | ug/l # | 63     |
| 20) Methylene Chloride         | 4.50  | 84   | 7130     | 3.235  | ug/l   | 96     |
| 25) 2-Butanone                 | 6.80  | 43   | 1272     | 1.329  | ug/l # | 48     |
| 29) Tetrahydrofuran            | 7.18  | 42   | 134      | 0.217  | ug/l # | 34     |
| 31) Cyclohexane                | 7.62  | 56   | 2523     | 0.949  | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.62  | 75   | 10868    | 4.756  | ug/l # | 48     |
| 37) Ethyl Acetate              | 6.80  | 43   | 1272     | 0.594  | ug/l # | 68     |
| 38) Carbon Tetrachloride       | 7.63  | 117  | 13373    | 5.796  | ug/l # | 18     |
| 43) Isopropyl Acetate          | 8.13  | 43   | 34252    | 9.655  | ug/l # | 91     |
| 45) 1,2-Dichloropropane        | 9.24  | 63   | 724      | 0.346  | ug/l # | 43     |
| 48) Methyl methacrylate        | 9.15  | 41   | 2184     | 1.301  | ug/l # | 11     |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 4061     | 1.811  | ug/l   | 100    |
| 54) cis-1,3-Dichloropropene    | 9.88  | 75   | 16707    | 5.556  | ug/l # | 64     |
| 56) Ethyl methacrylate         | 10.52 | 69   | 1503     | 2.243  | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 10.74 | 76   | 2573     | 0.829  | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.74 | 43   | 37783    | 24.157 | ug/l # | 52     |
| 71) Bromoform                  | 12.37 | 173  | 988      | 0.560  | ug/l # | 1      |
| 74) N-amyl acetate             | 12.01 | 43   | 792      | 0.321  | ug/l # | 43     |
| 76) 1,2,3-Trichloropropane     | 12.38 | 75   | 56612    | 28.929 | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 56612    | 79.452 | ug/l # | 15     |
| 89) n-Butylbenzene             | 13.32 | 91   | 60       | 2.781  | ug/l # | 34     |
| 95) Naphthalene                | 15.11 | 128  | 2712     | 6.241  | ug/l # | 80     |

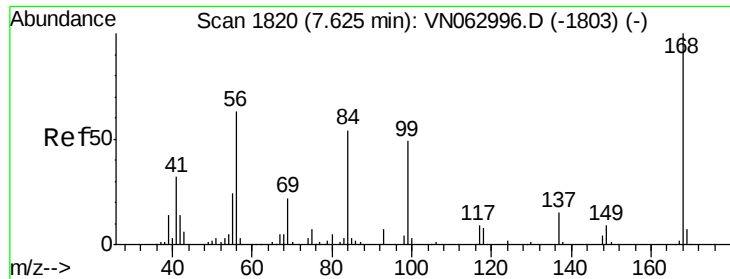
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081920\  
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Sample : L3507-12  
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ALS Vial : 23 Sample Multiplier: 1

Instrument :  
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Quant Time: Aug 20 01:26:46 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N081820W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 19 06:09:27 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN063021.D

Acq: 19 Aug 2020 18:46

Instrument :

MSVOA\_N

ClientSampleId :

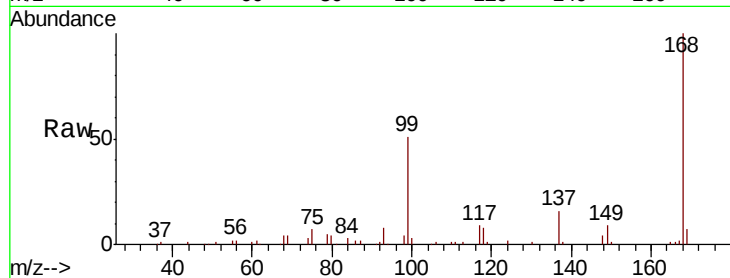
SU-02-081820

Tot Ion:168 Resp: 152163

Ion Ratio Lower Upper

168 100

99 50.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

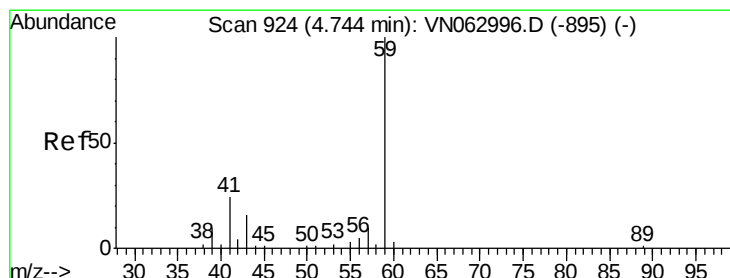
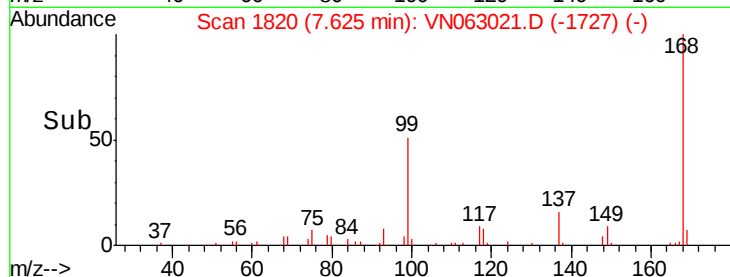
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 6.792 ug/l

RT: 4.71 min Scan# 912

Delta R.T. -0.04 min

Lab File: VN063021.D

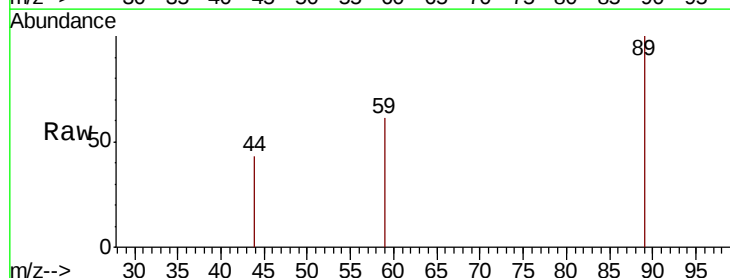
Acq: 19 Aug 2020 18:46

Tgt Ion: 59 Resp: 1735

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.71

600

500

400

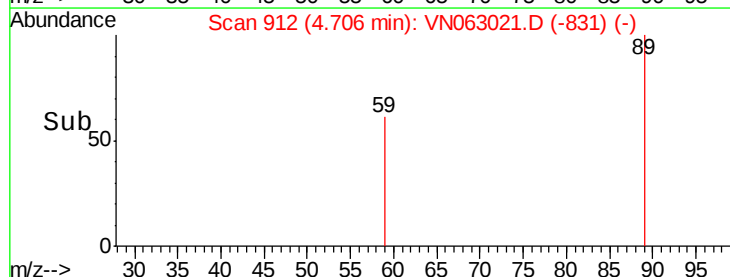
300

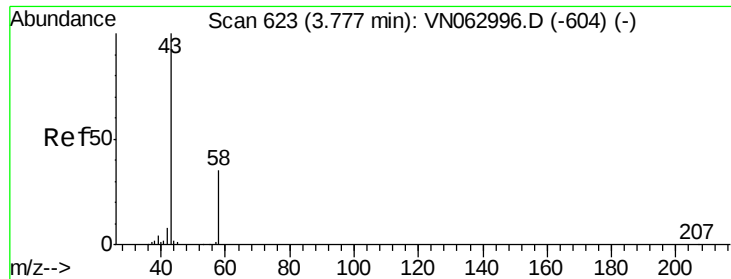
200

100

0

Time--> 4.60 4.65 4.70 4.75





#16

Acetone

Concen: 14.152 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN063021.D

Acq: 19 Aug 2020 18:46

Instrument :

MSVOA\_N

ClientSampleId :

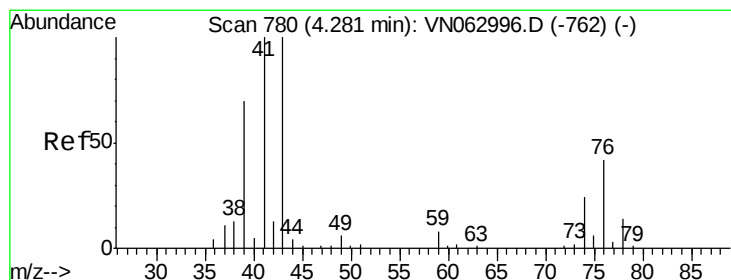
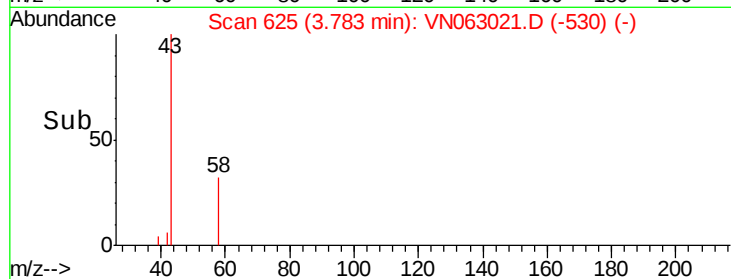
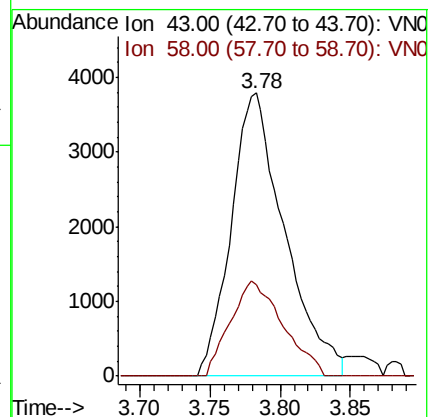
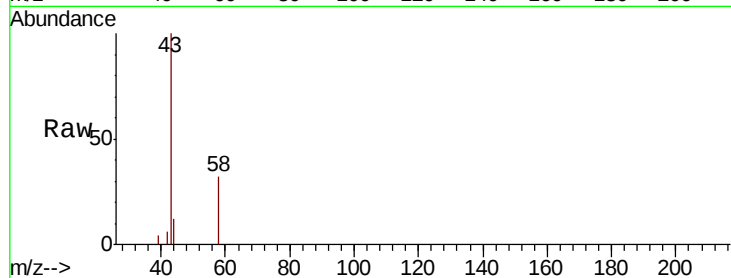
SU-02-081820

Tot Ion: 43 Resp: 10040

Ion Ratio Lower Upper

43 100

58 32.3 27.8 41.6



#18

Methyl Acetate

Concen: 1.753 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.01 min

Lab File: VN063021.D

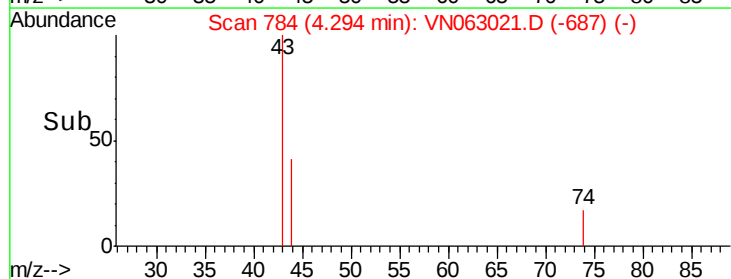
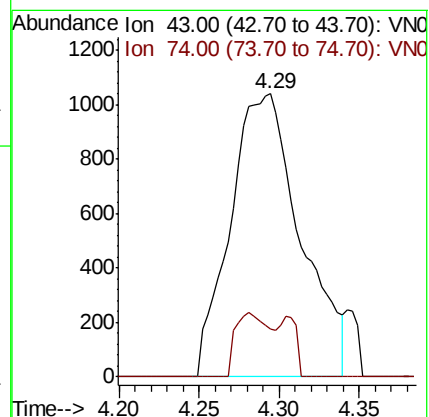
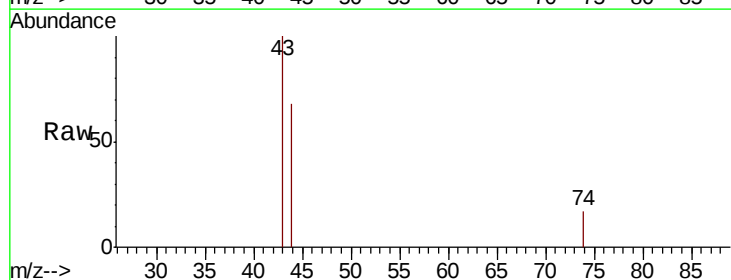
Acq: 19 Aug 2020 18:46

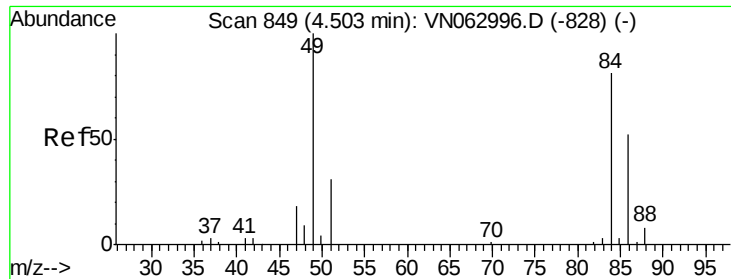
Tgt Ion: 43 Resp: 3141

Ion Ratio Lower Upper

43 100

74 5.1 18.6 28.0#

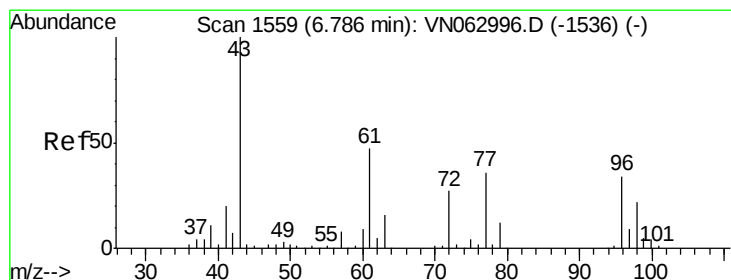
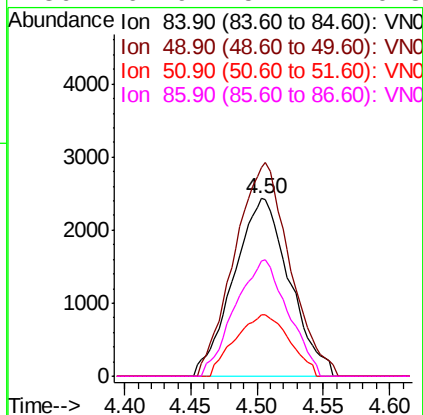
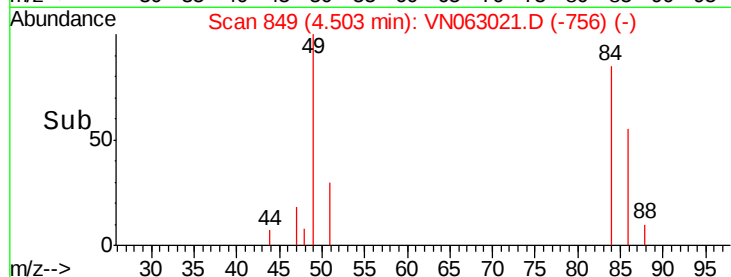
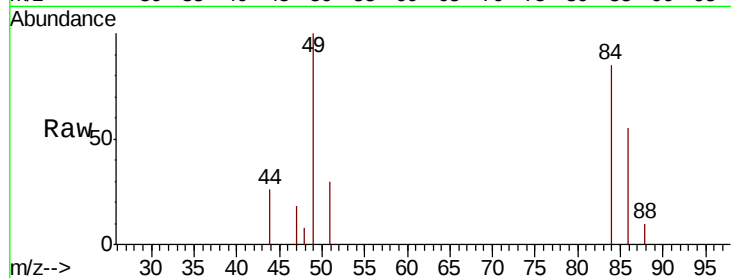




#20  
Methvlene Chloride  
Concen: 3.235 ug/l  
RT: 4.50 min Scan# 849  
Delta R.T. 0.00 min  
Lab File: VN063021.D  
Acq: 19 Aug 2020 18:46

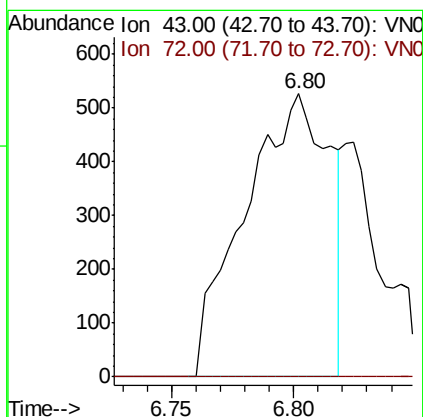
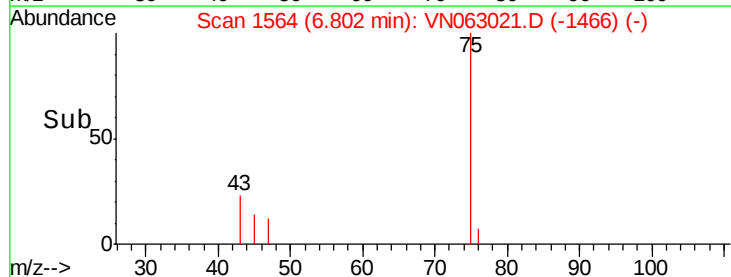
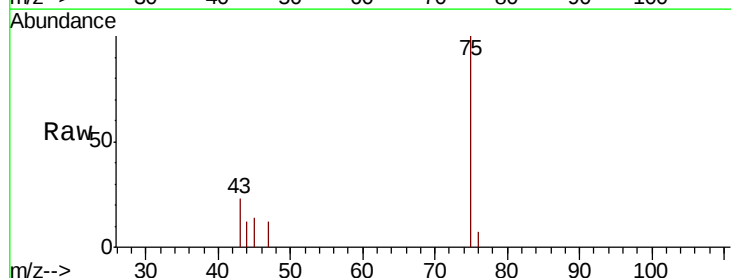
Instrument :  
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SU-02-081820

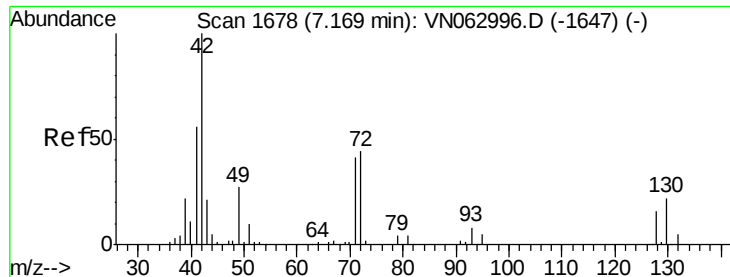
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 7130  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 117.9 | 98.7  | 148.1 |
| 51       | 34.9  | 30.8  | 46.2  |
| 86       | 64.9  | 51.2  | 76.8  |



#25  
2-Butanone  
Concen: 1.329 ug/l  
RT: 6.80 min Scan# 1564  
Delta R.T. 0.02 min  
Lab File: VN063021.D  
Acq: 19 Aug 2020 18:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 1272  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 0.0   | 21.8  | 32.6# |





#29

Tetrahydrofuran

Concen: 0.217 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.01 min

Lab File: VN063021.D

Acq: 19 Aug 2020 18:46

Instrument :

MSVOA\_N

ClientSampleId :

SU-02-081820

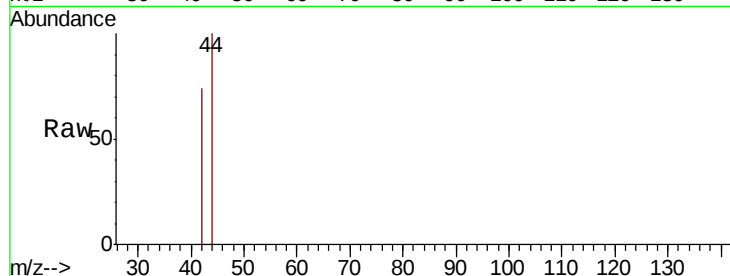
Tot Ion: 42 Resp: 134

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

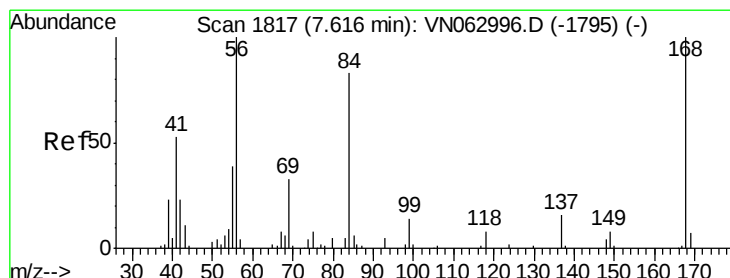
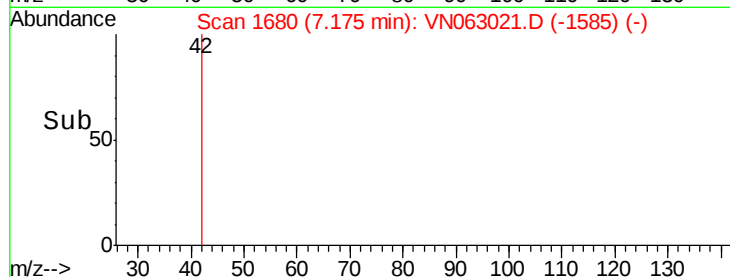
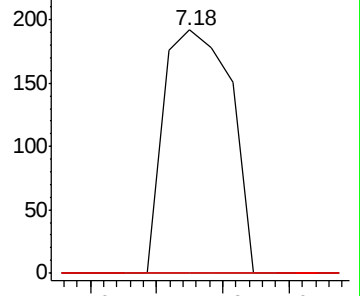
71 0.0 32.3 48.5#



Abundance Ion 42.00 (41.70 to 42.70): VN062996.D (-1647) (-)

Ion 72.00 (71.70 to 72.70): VN062996.D (-1647) (-)

Ion 71.00 (70.70 to 71.70): VN062996.D (-1647) (-)



#31

Cyclohexane

Concen: 0.949 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN063021.D

Acq: 19 Aug 2020 18:46

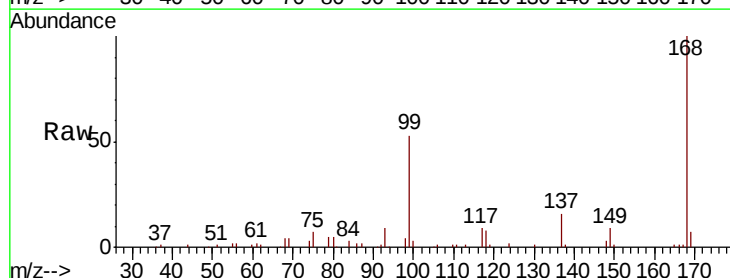
Tgt Ion: 56 Resp: 2523

Ion Ratio Lower Upper

56 100

69 190.6 26.6 40.0#

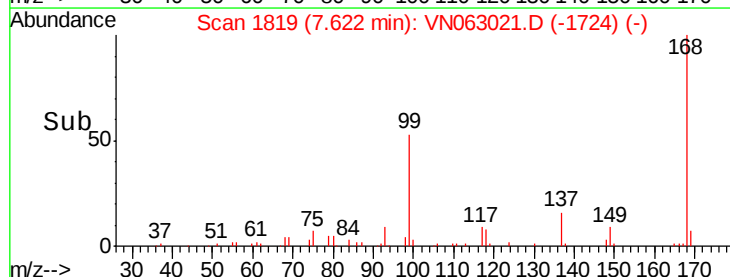
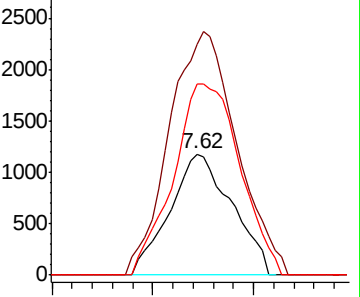
84 157.9 66.4 99.6#

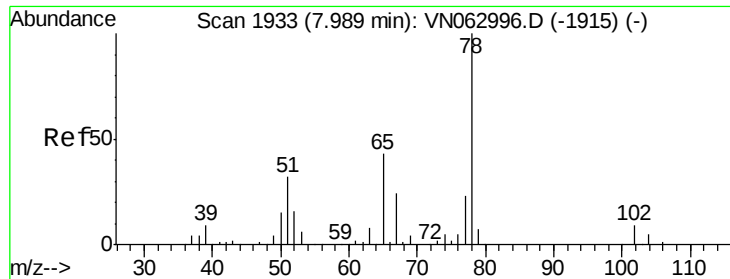


Abundance Ion 56.00 (55.70 to 56.70): VN062996.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062996.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062996.D (-1795) (-)

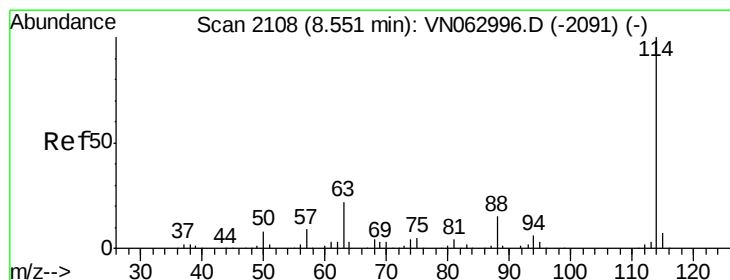
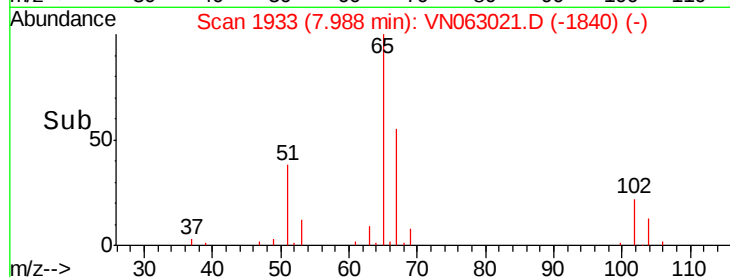
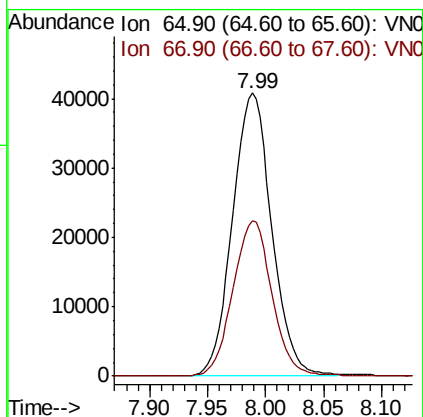
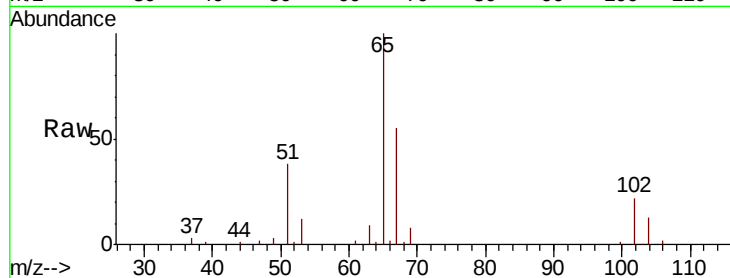




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.320 ug/l  
 RT: 7.99 min Scan# 1933  
 Delta R.T. -0.00 min  
 Lab File: VN063021.D  
 Acq: 19 Aug 2020 18:46

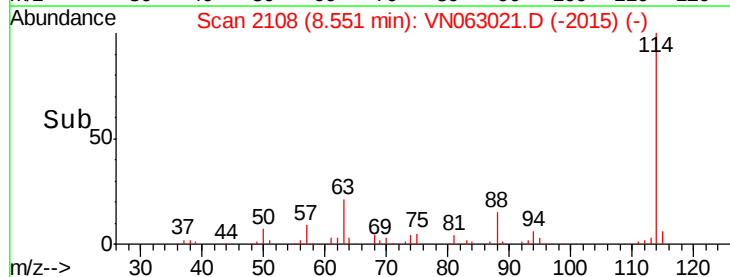
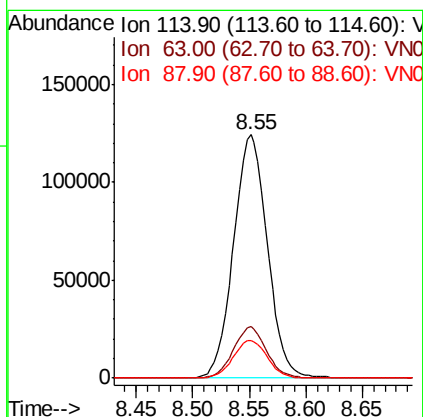
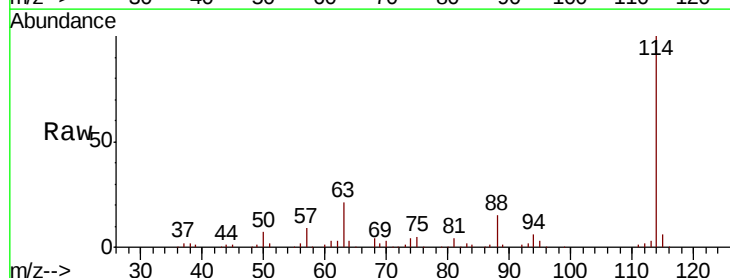
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 SU-02-081820

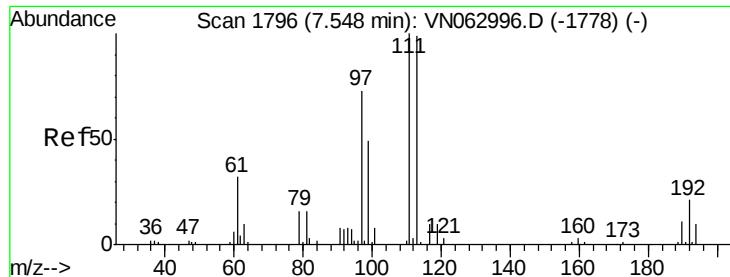
Tot Ion: 65 Resp: 96159  
 Ion Ratio Lower Upper  
 65 100  
 67 54.6 0.0 112.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. -0.00 min  
 Lab File: VN063021.D  
 Acq: 19 Aug 2020 18:46

Tgt Ion: 114 Resp: 259315  
 Ion Ratio Lower Upper  
 114 100  
 63 21.2 0.0 43.2  
 88 15.5 0.0 30.6

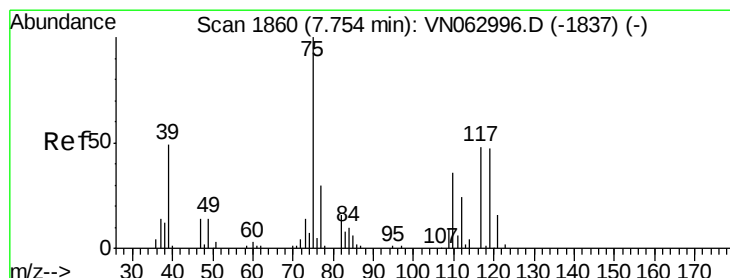
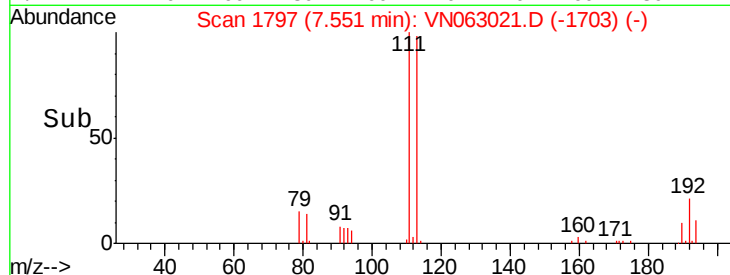
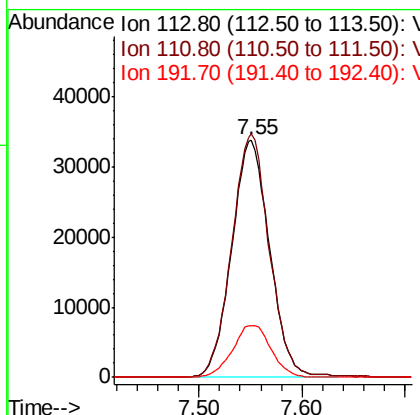
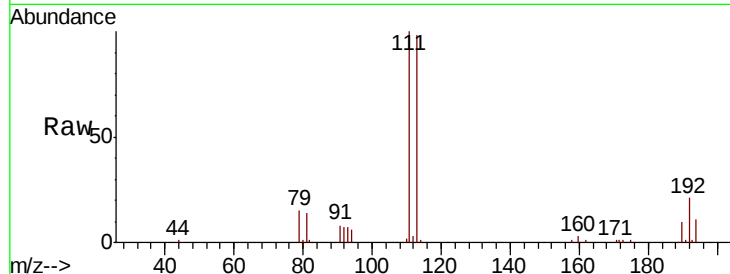




#35  
 Dibromofluoromethane  
 Concen: 51.220 ug/l  
 RT: 7.55 min Scan# 1797  
 Delta R.T. 0.00 min  
 Lab File: VN063021.D  
 Acq: 19 Aug 2020 18:46

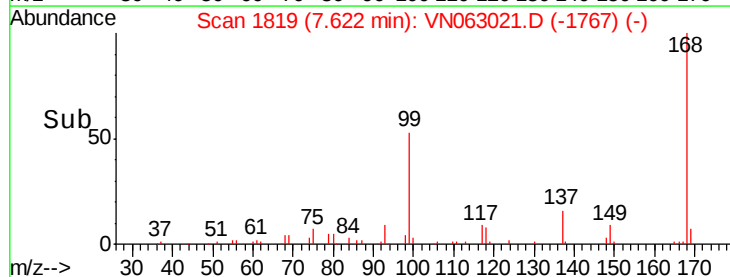
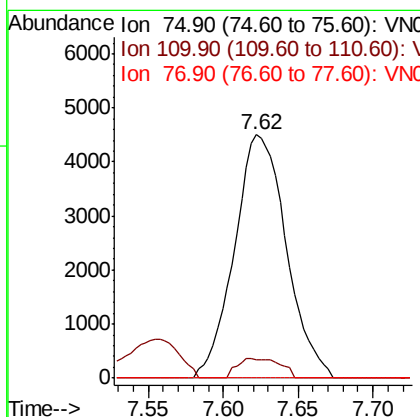
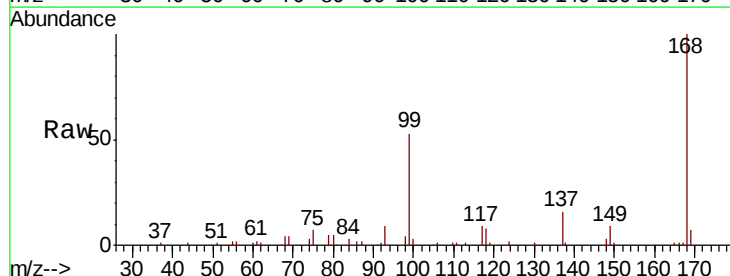
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SU-02-081820

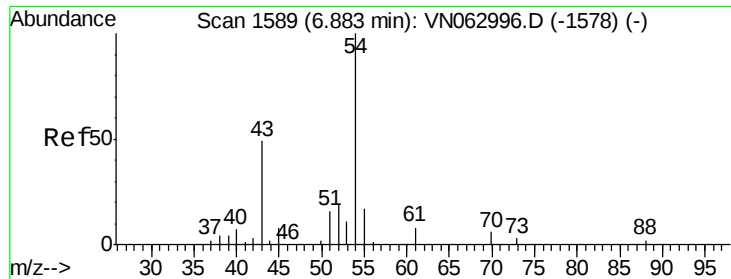
Tot Ion:113 Resp: 86546  
 Ion Ratio Lower Upper  
 113 100  
 111 102.2 81.7 122.5  
 192 22.1 17.5 26.3



#36  
 1,1-Dichloropropene  
 Concen: 4.756 ug/l  
 RT: 7.62 min Scan# 1819  
 Delta R.T. -0.13 min  
 Lab File: VN063021.D  
 Acq: 19 Aug 2020 18:46

Tgt Ion: 75 Resp: 10868  
 Ion Ratio Lower Upper  
 75 100  
 110 6.6 17.5 52.6#  
 77 0.0 24.2 36.4#

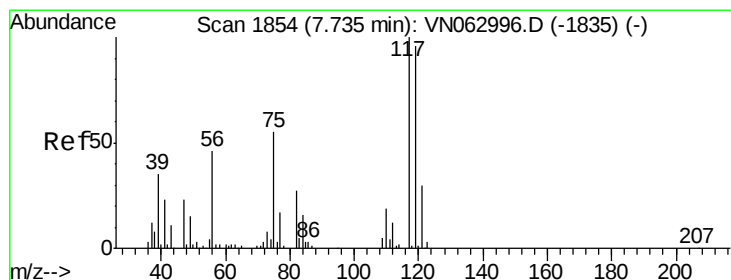
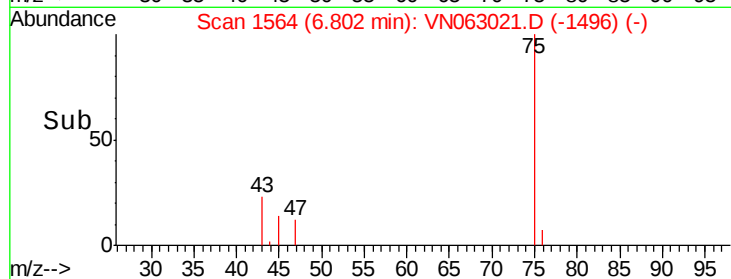
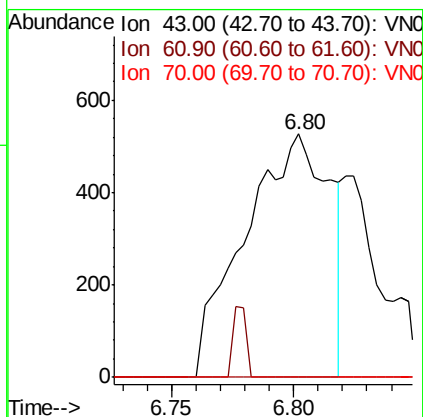
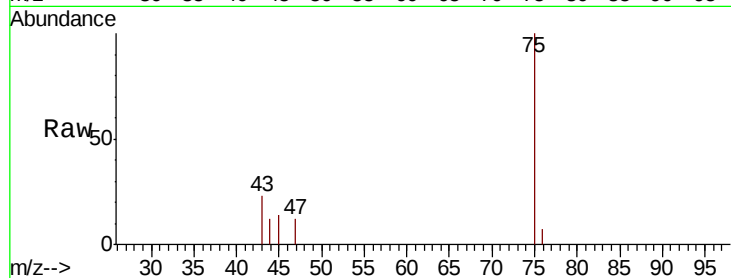




#37  
Ethyl Acetate  
Concen: 0.594 ug/l  
RT: 6.80 min Scan# 1564  
Delta R.T. -0.08 min  
Lab File: VN063021.D  
Acq: 19 Aug 2020 18:46

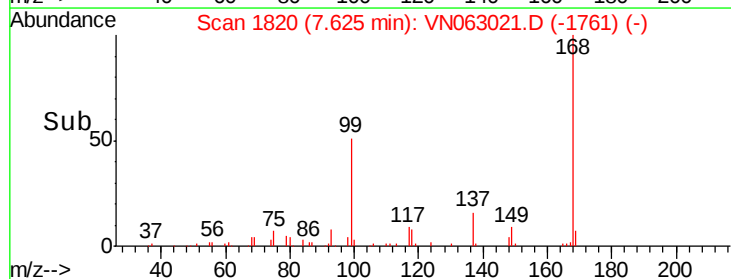
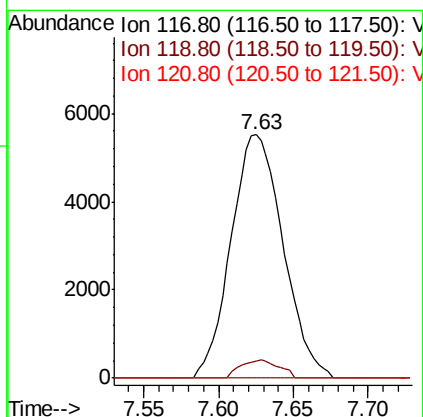
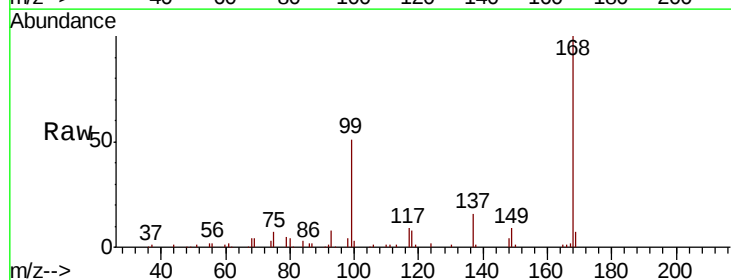
Instrument :  
MSVOA\_N  
ClientSampleId :  
SU-02-081820

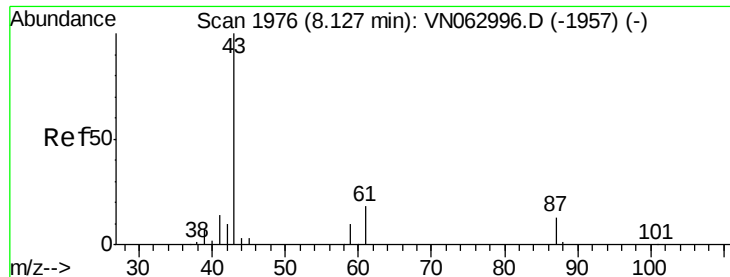
Tot Ion: 43 Resp: 1272  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.8 17.8#  
70 0.0 8.2 12.2#



#38  
Carbon Tetrachloride  
Concen: 5.796 ug/l  
RT: 7.63 min Scan# 1820  
Delta R.T. -0.11 min  
Lab File: VN063021.D  
Acq: 19 Aug 2020 18:46

Tgt Ion: 117 Resp: 13373  
Ion Ratio Lower Upper  
117 100  
119 7.2 76.2 114.4#  
121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 9.655 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN063021.D

Acq: 19 Aug 2020 18:46

Instrument :

MSVOA\_N

ClientSampleId :

SU-02-081820

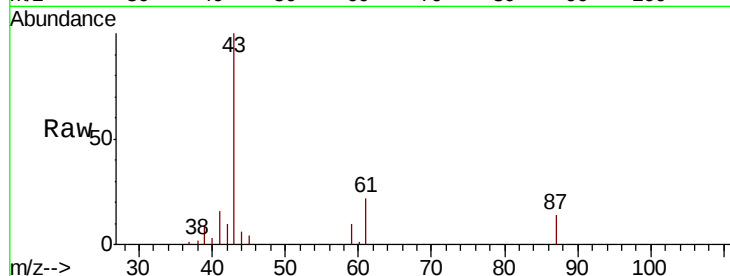
Tot Ion: 43 Resp: 34252

Ion Ratio Lower Upper

43 100

61 21.4 22.6 33.8#

87 13.9 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062996.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1957) (-)

8.13

15000

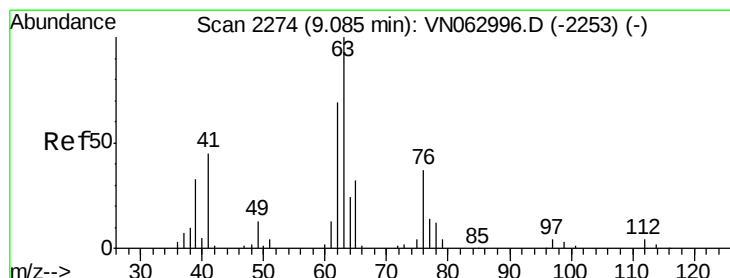
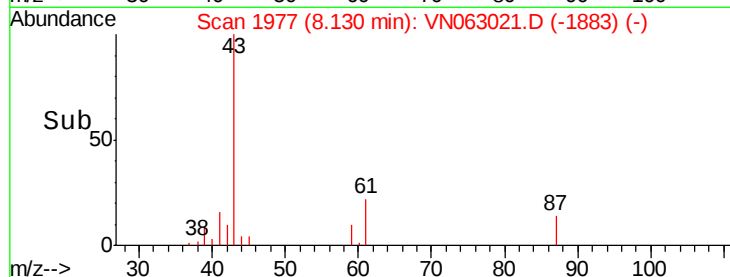
10000

5000

0

8.05 8.10 8.15 8.20

Time-->



#45

1,2-Dichloropropane

Concen: 0.346 ug/l

RT: 9.24 min Scan# 2321

Delta R.T. 0.15 min

Lab File: VN063021.D

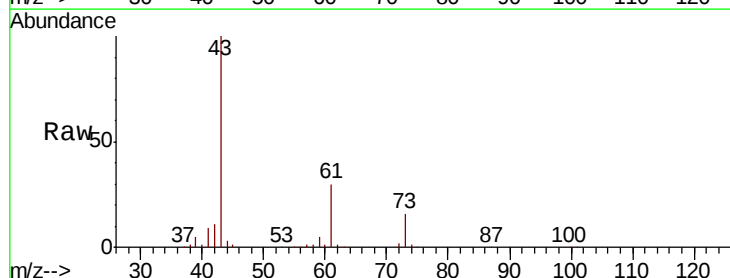
Acq: 19 Aug 2020 18:46

Tgt Ion: 63 Resp: 724

Ion Ratio Lower Upper

63 100

65 0.0 25.6 38.4#



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-2253) (-)

Ion 64.90 (64.60 to 65.60): VN062996.D (-2253) (-)

9.24

500

400

300

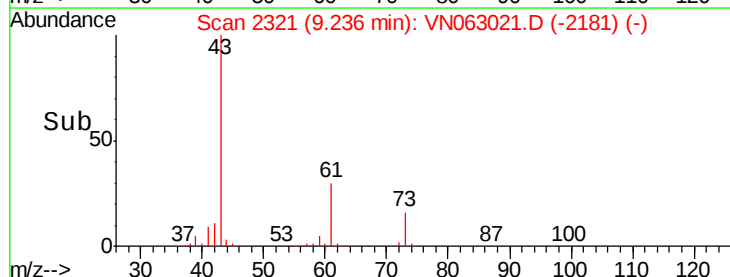
200

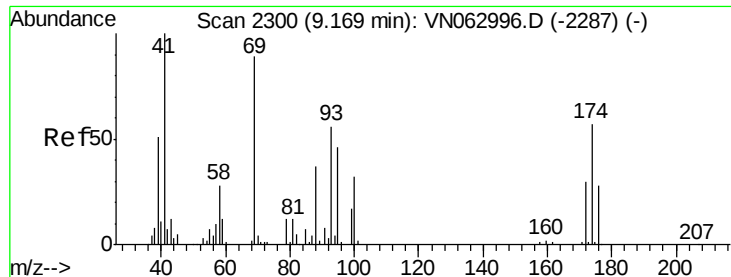
100

0

9.20 9.22 9.24 9.26

Time-->

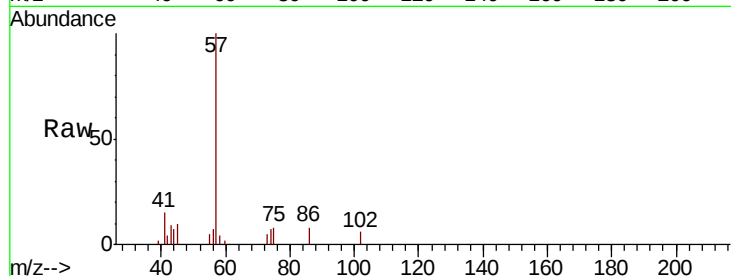




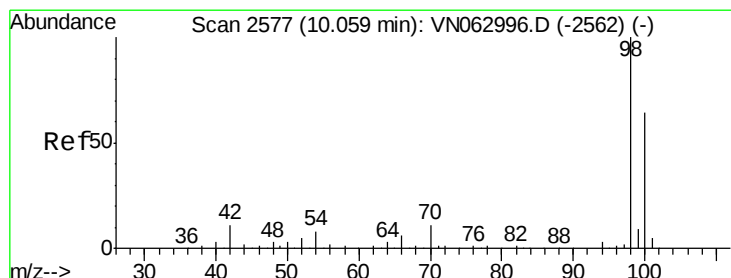
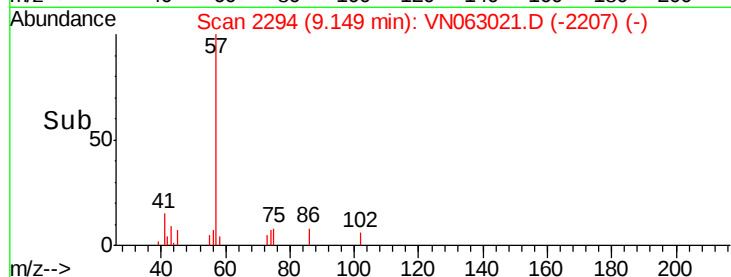
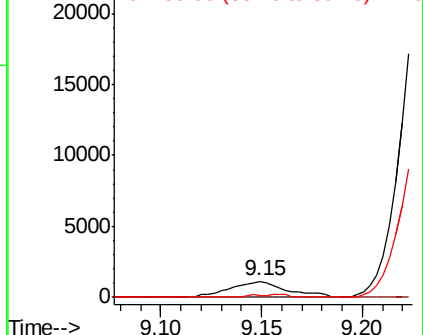
#48  
Methvl methacrylate  
Concen: 1.301 ug/l  
RT: 9.15 min Scan# 2294  
Delta R.T. -0.02 min  
Lab File: VN063021.D  
Acq: 19 Aug 2020 18:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
SU-02-081820

Tot Ion: 41 Resp: 2184  
Ion Ratio Lower Upper  
41 100  
69 0.0 74.2 111.4#  
39 0.0 42.5 63.7#

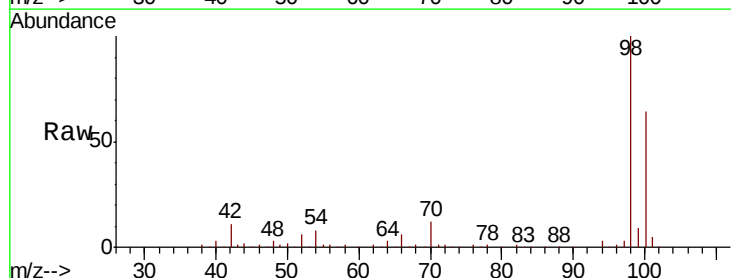


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

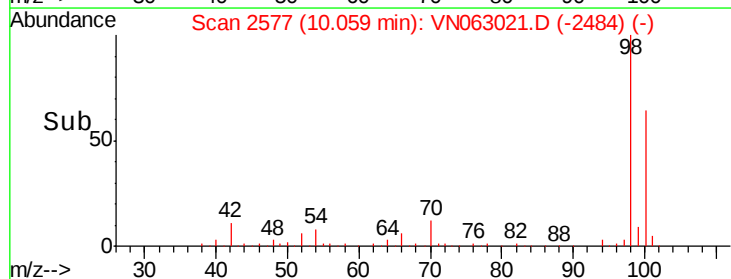
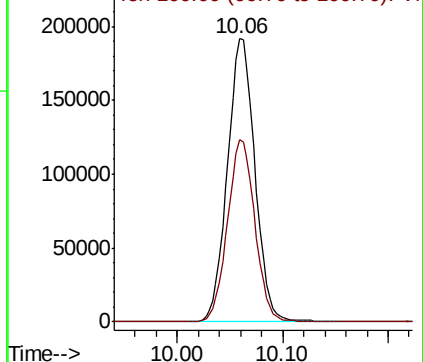


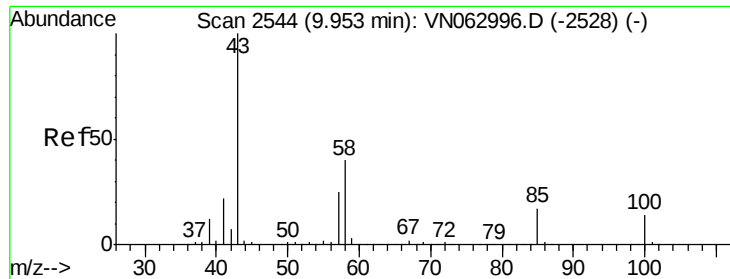
#50  
Toluene-d8  
Concen: 53.343 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. -0.00 min  
Lab File: VN063021.D  
Acq: 19 Aug 2020 18:46

Tgt Ion: 98 Resp: 346207  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.2 76.8



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

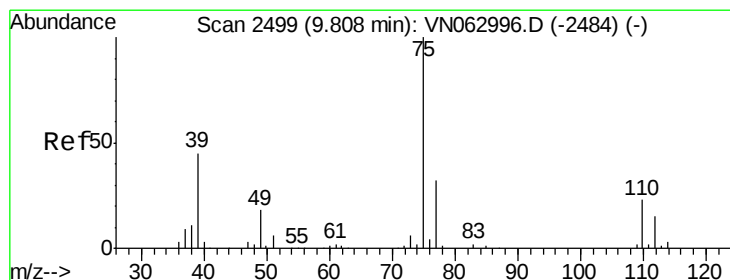
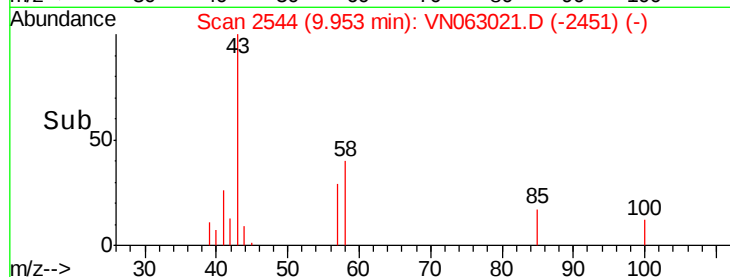
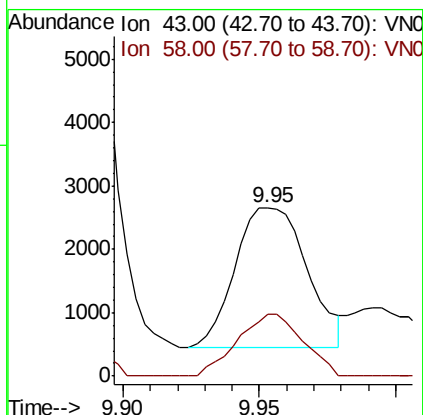
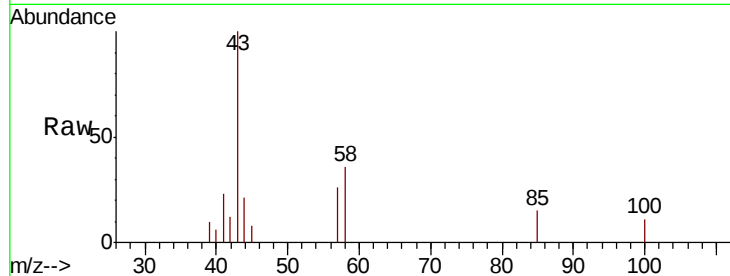




#51  
 4-Methyl-2-Pentanone  
 Concen: 1.811 ug/l  
 RT: 9.95 min Scan# 2544  
 Delta R.T. -0.00 min  
 Lab File: VN063021.D  
 Acq: 19 Aug 2020 18:46

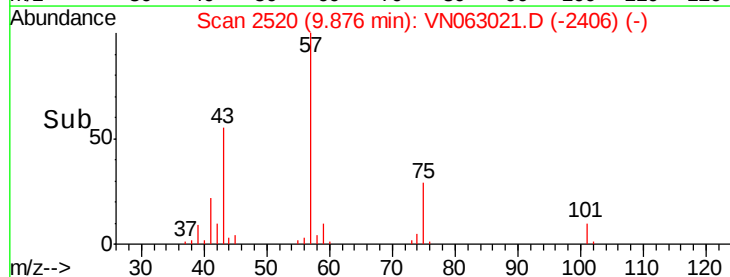
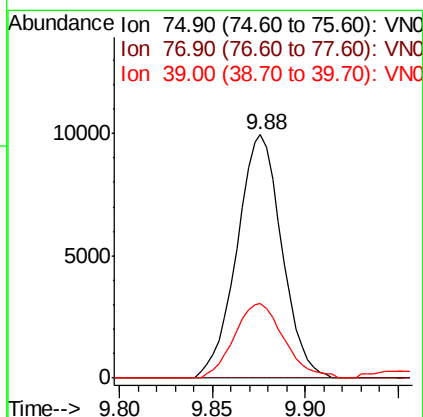
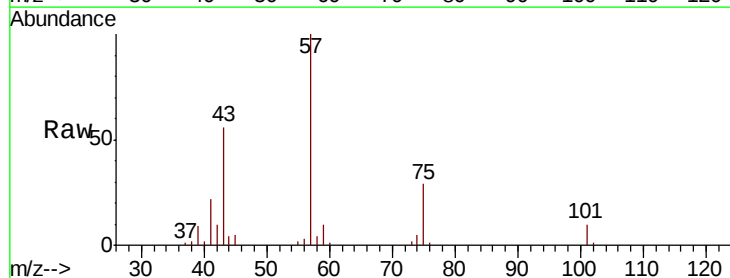
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SU-02-081820

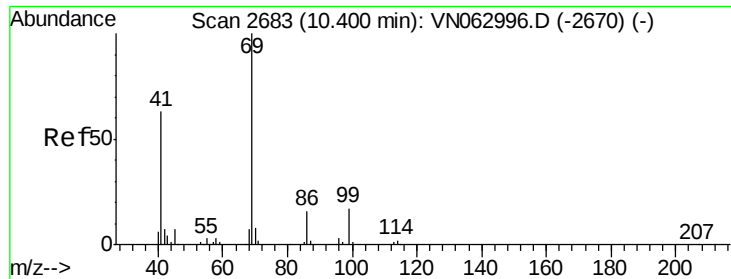
Tot Ion: 43 Resp: 4061  
 Ion Ratio Lower Upper  
 43 100  
 58 40.0 32.2 48.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 5.556 ug/l  
 RT: 9.88 min Scan# 2520  
 Delta R.T. 0.07 min  
 Lab File: VN063021.D  
 Acq: 19 Aug 2020 18:46

Tgt Ion: 75 Resp: 16707  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 25.4 38.2#  
 39 30.4 35.7 53.5#





#56

Ethyl methacrylate

Concen: 2.243 ug/l

RT: 10.52 min Scan# 2719

Delta R.T. 0.12 min

Lab File: VN063021.D

Acq: 19 Aug 2020 18:46

Instrument :

MSVOA\_N

ClientSampled :

SU-02-081820

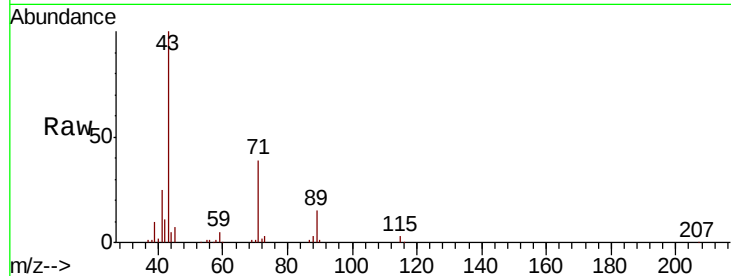
Tot Ion: 69 Resp: 1503

Ion Ratio Lower Upper

69 100

41 2395.6 50.2 75.2#

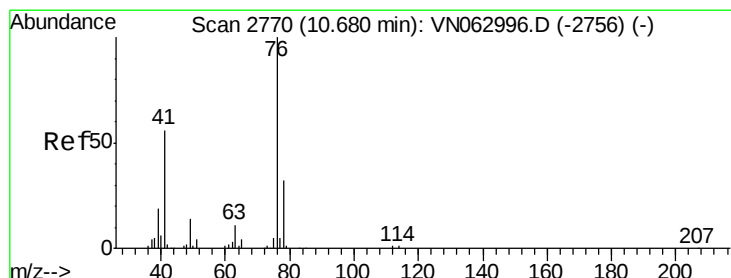
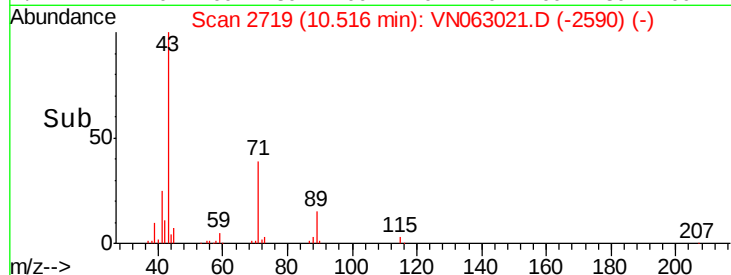
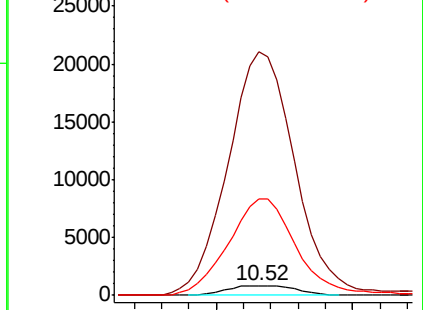
39 964.0 24.2 36.4#



Abundance Ion 69.00 (68.70 to 69.70): VN063021.D (-2590) (-)

Ion 41.00 (40.70 to 41.70): VN063021.D (-2590) (-)

Ion 39.00 (38.70 to 39.70): VN063021.D (-2590) (-)



#57

1,3-Dichloropropane

Concen: 0.829 ug/l

RT: 10.74 min Scan# 2789

Delta R.T. 0.06 min

Lab File: VN063021.D

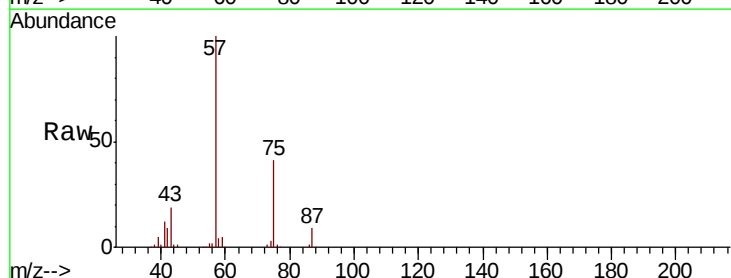
Acq: 19 Aug 2020 18:46

Tgt Ion: 76 Resp: 2573

Ion Ratio Lower Upper

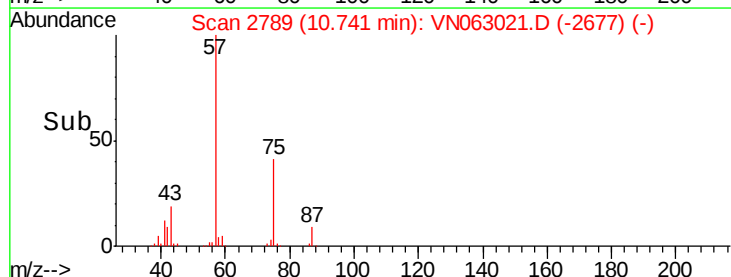
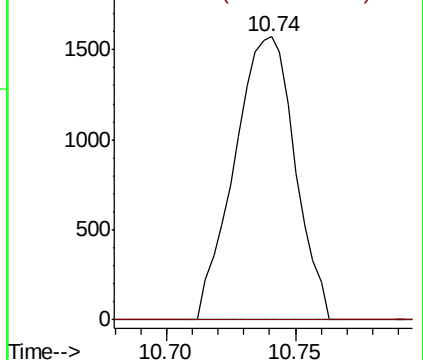
76 100

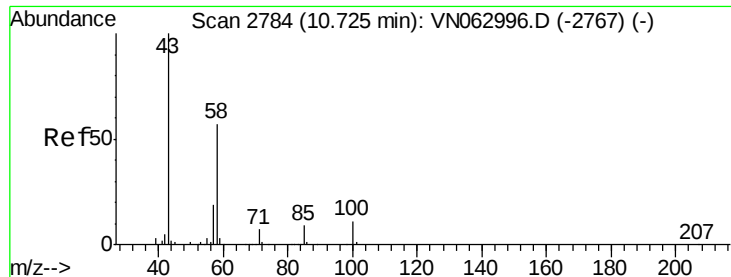
78 0.0 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VN063021.D (-2677) (-)

Ion 77.90 (77.60 to 78.60): VN063021.D (-2677) (-)

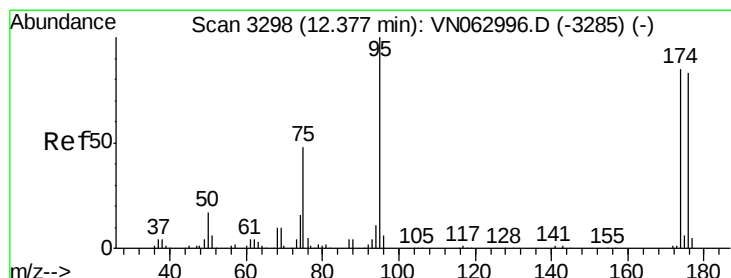
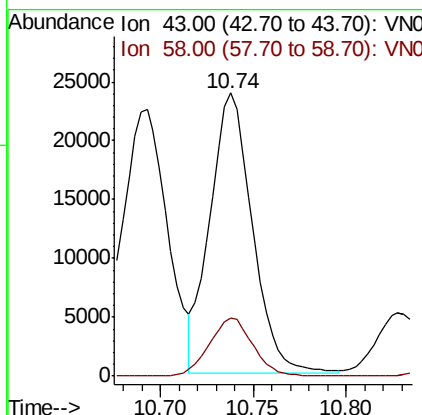
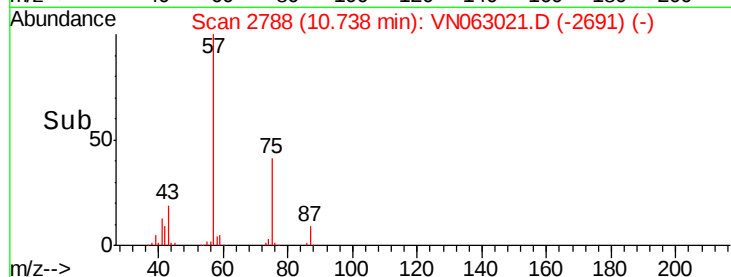
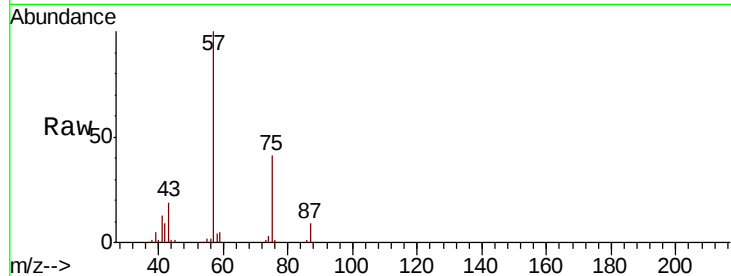




#59  
2-Hexanone  
Concen: 24.157 ug/l  
RT: 10.74 min Scan# 2788  
Delta R.T. 0.01 min  
Lab File: VN063021.D  
Acq: 19 Aug 2020 18:46

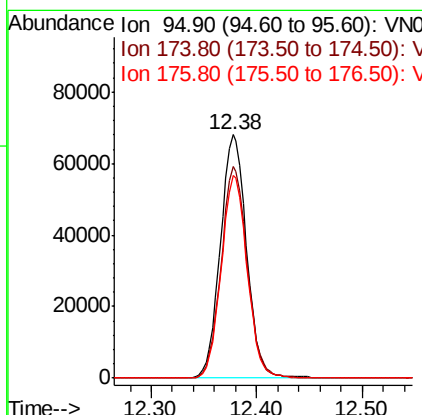
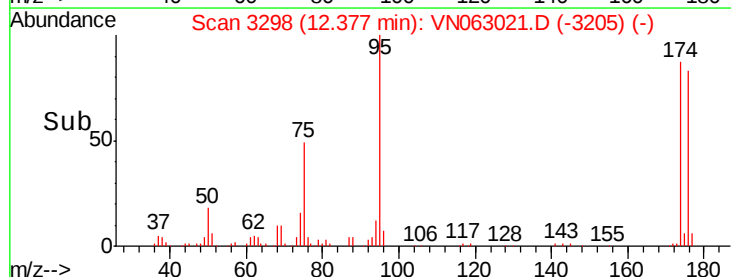
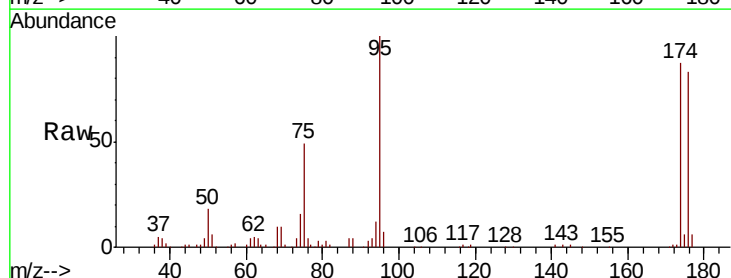
Instrument :  
MSVOA\_N  
ClientSampled :  
SU-02-081820

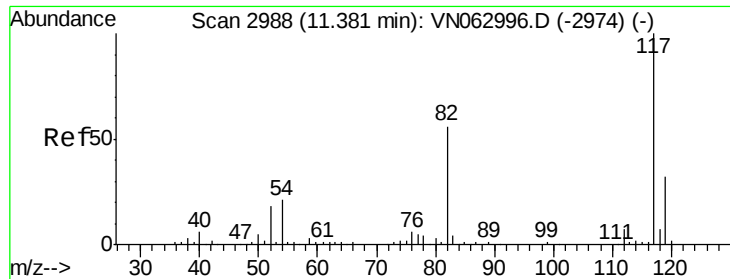
Tot Ion: 43 Resp: 37783  
Ion Ratio Lower Upper  
43 100  
58 21.3 28.1 84.3#



#62  
4-Bromofluorobenzene  
Concen: 50.997 ug/l  
RT: 12.38 min Scan# 3298  
Delta R.T. -0.00 min  
Lab File: VN063021.D  
Acq: 19 Aug 2020 18:46

Tgt Ion: 95 Resp: 116797  
Ion Ratio Lower Upper  
95 100  
174 86.8 0.0 170.8  
176 82.5 0.0 164.8

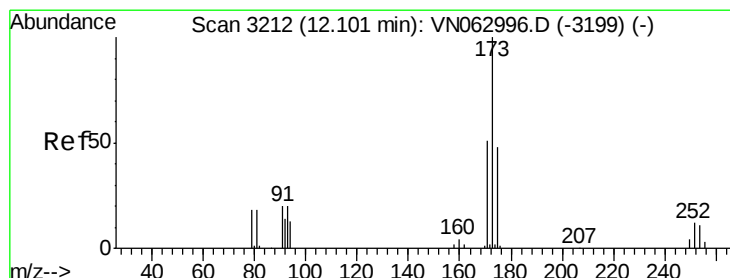
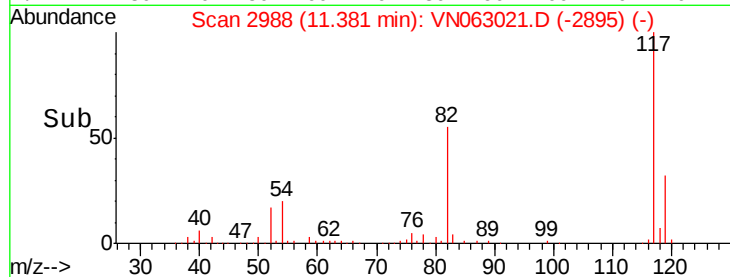
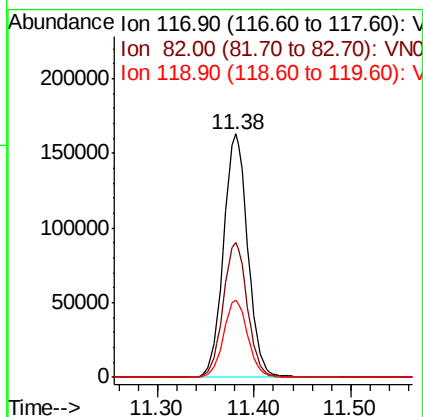
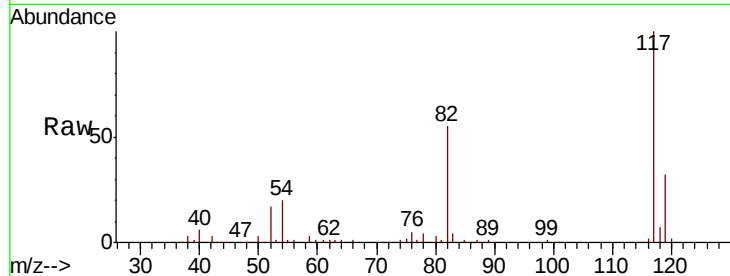




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN063021.D  
Acq: 19 Aug 2020 18:46

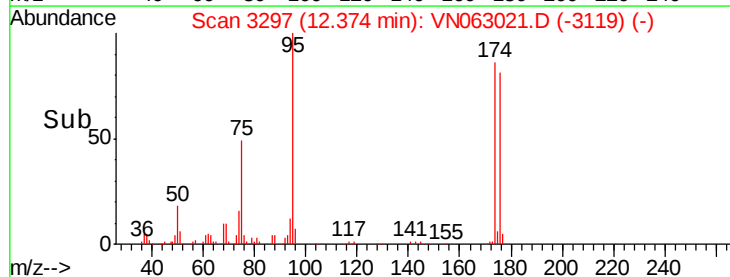
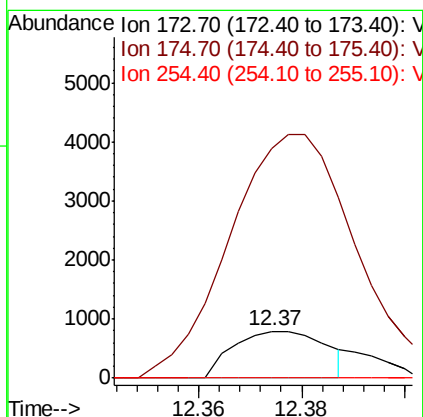
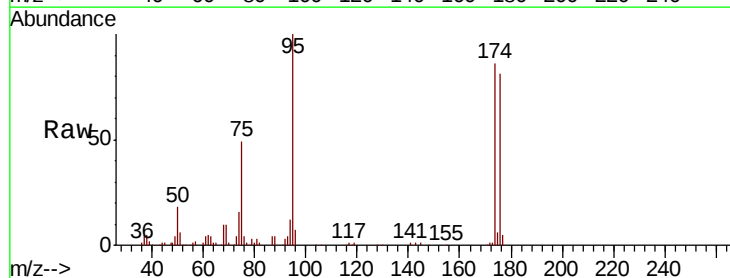
Instrument :  
MSVOA\_N  
ClientSampleId :  
SU-02-081820

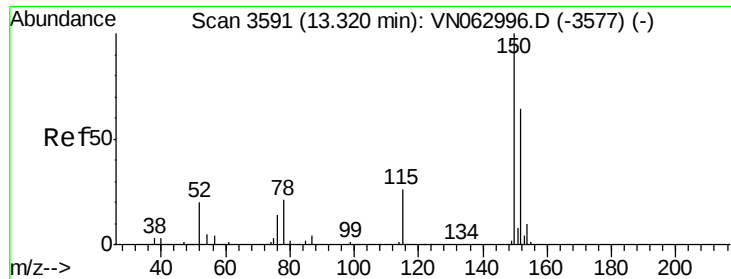
Tot Ion:117 Resp: 283706  
Ion Ratio Lower Upper  
117 100  
82 55.1 44.5 66.7  
119 31.7 25.5 38.3



#71  
Bromoform  
Concen: 0.560 ug/l  
RT: 12.37 min Scan# 3297  
Delta R.T. 0.27 min  
Lab File: VN063021.D  
Acq: 19 Aug 2020 18:46

Tgt Ion:173 Resp: 988  
Ion Ratio Lower Upper  
173 100  
175 582.8 24.3 72.8#  
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063021.D

Acq: 19 Aug 2020 18:46

Instrument :

MSVOA\_N

ClientSampleId :

SU-02-081820

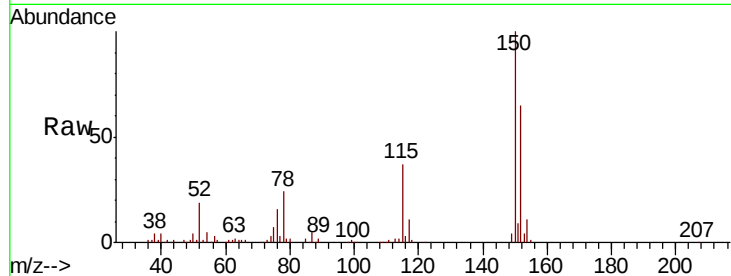
Tot Ion:152 Resp: 100677

Ion Ratio Lower Upper

152 100

115 56.8 28.7 86.3

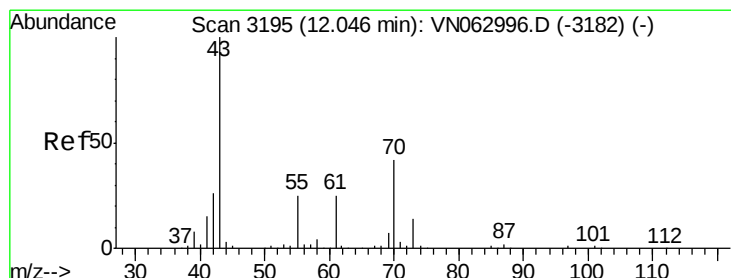
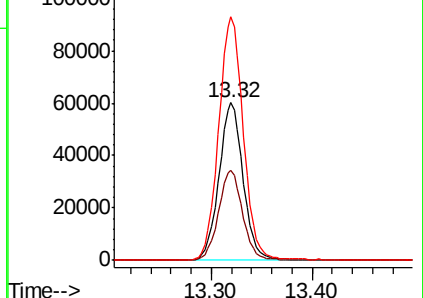
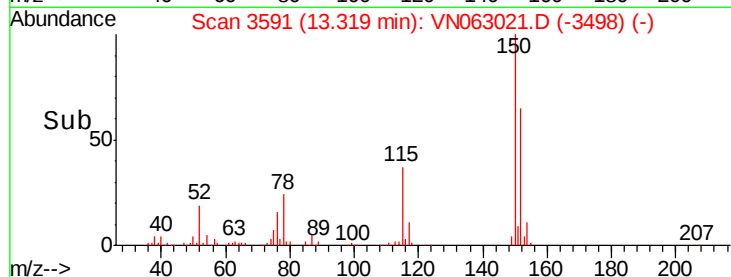
150 157.5 0.0 348.8



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-ethyl acetate

Concen: 0.321 ug/l

RT: 12.01 min Scan# 3185

Delta R.T. -0.03 min

Lab File: VN063021.D

Acq: 19 Aug 2020 18:46

Tgt Ion: 43 Resp: 792

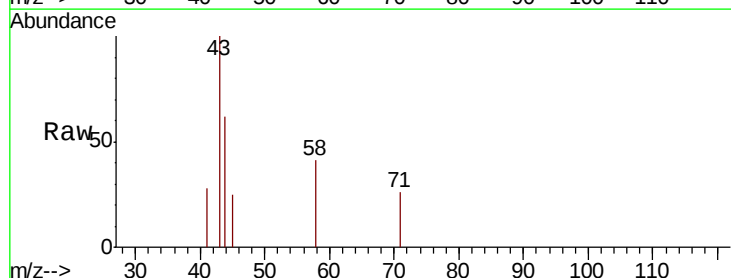
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 0.0 20.2 30.2#

61 0.0 19.9 29.9#

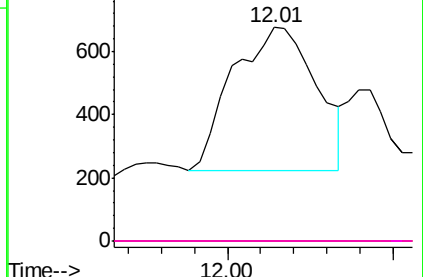
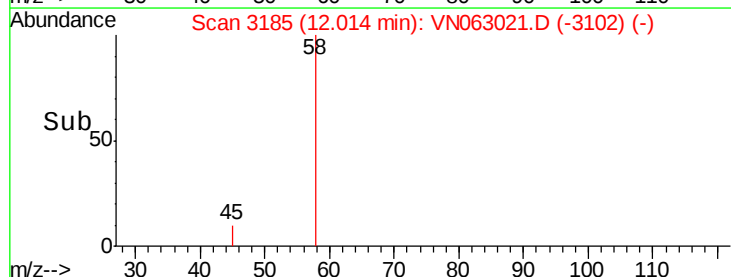


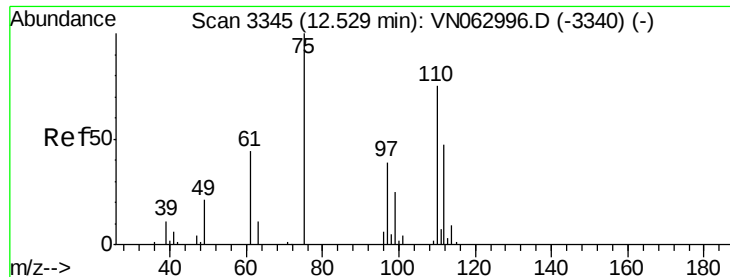
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 28.929 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063021.D

Acq: 19 Aug 2020 18:46

Instrument :

MSVOA\_N

ClientSampleId :

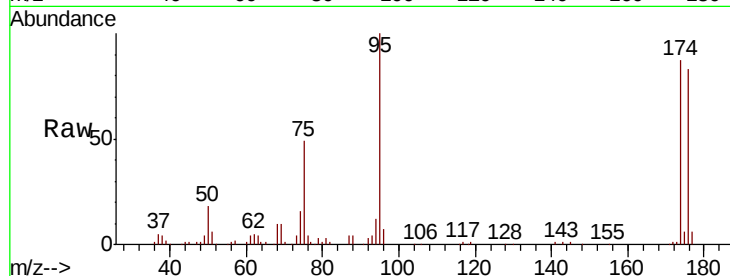
SU-02-081820

Tot Ion: 75 Resp: 56612

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

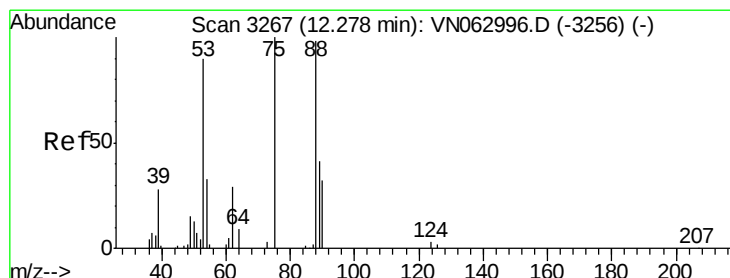
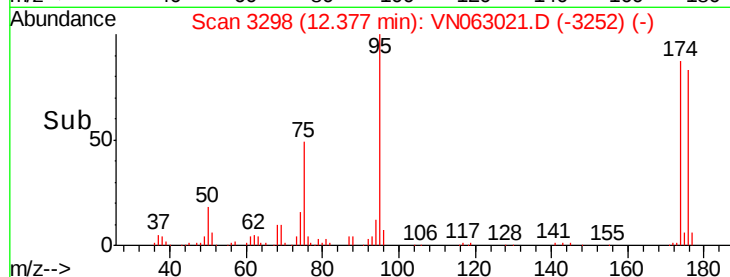
30000

20000

10000

0

Time--> 12.30 12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 79.452 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063021.D

Acq: 19 Aug 2020 18:46

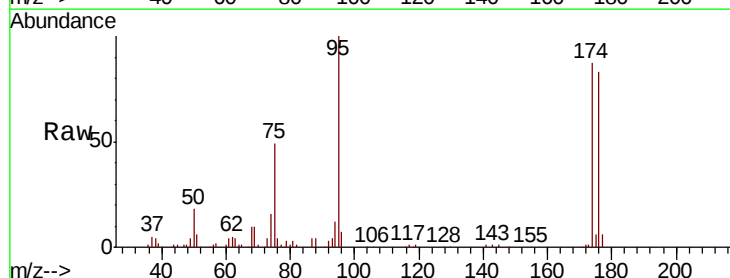
Tgt Ion: 75 Resp: 56612

Ion Ratio Lower Upper

75 100

53 0.1 69.2 103.8#

89 0.0 34.2 51.4#



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

12.38

40000

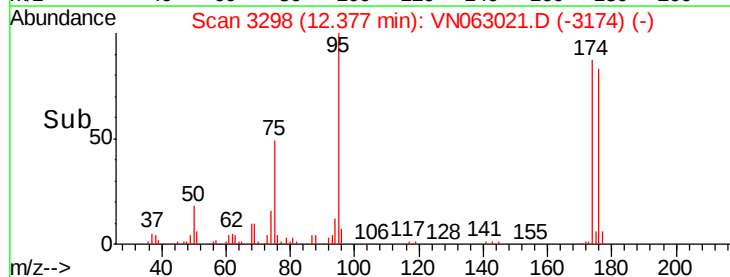
30000

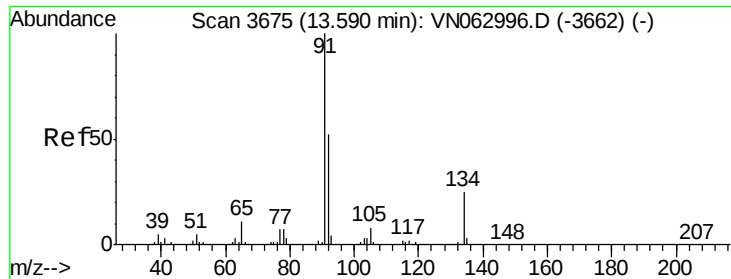
20000

10000

0

Time--> 12.30 12.35 12.40 12.45





#89

n-Butylbenzene

Concen: 2.781 ug/l

RT: 13.32 min Scan# 3592

Delta R.T. -0.27 min

Lab File: VN063021.D

Acq: 19 Aug 2020 18:46

Instrument :

MSVOA\_N

ClientSampleId :

SU-02-081820

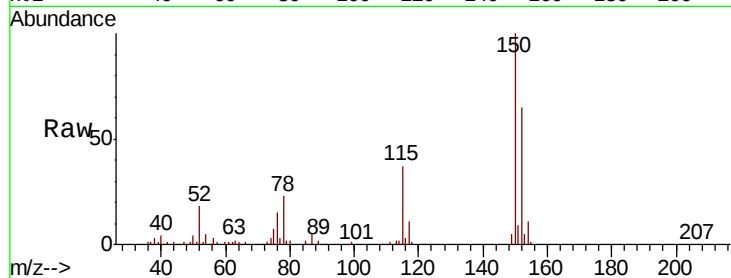
Tot Ion: 91 Resp: 60

Ion Ratio Lower Upper

91 100

92 0.0 25.9 77.6#

134 0.0 12.4 37.0#

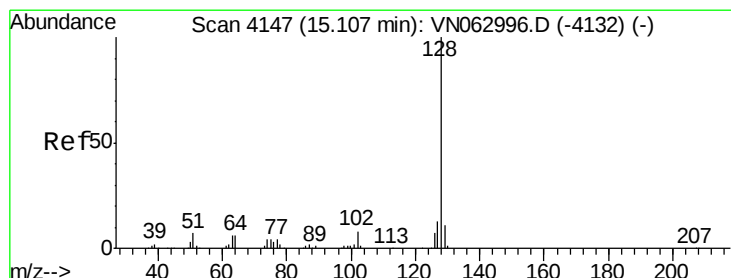
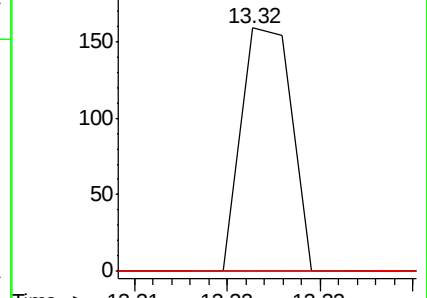
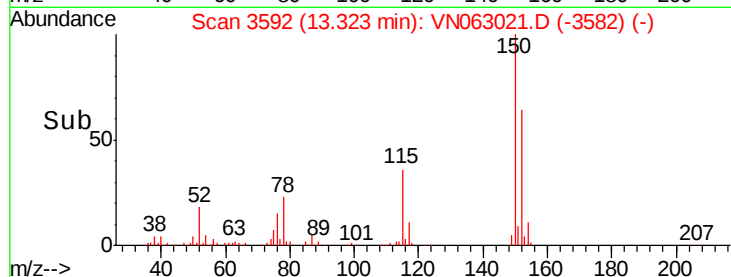


Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3662) (-)

Ion 92.00 (91.70 to 92.70): VN062996.D (-3662) (-)

Ion 134.00 (133.70 to 134.70): VN062996.D (-3662) (-)

Time--> 13.31 13.32 13.33



#95

Naphthalene

Concen: 6.241 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.00 min

Lab File: VN063021.D

Acq: 19 Aug 2020 18:46

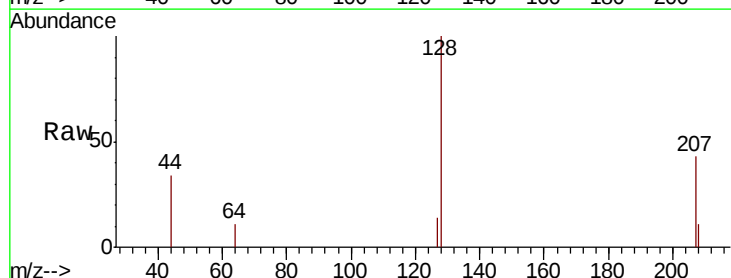
Tgt Ion: 128 Resp: 2712

Ion Ratio Lower Upper

128 100

127 5.0 10.6 16.0#

129 3.7 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): VN062996.D (-4132) (-)

Ion 127.00 (126.70 to 127.70): VN062996.D (-4132) (-)

Ion 129.00 (128.70 to 129.70): VN062996.D (-4132) (-)

Time--> 15.05 15.10 15.15

