

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\  
 Data File : VN056153.D  
 Acq On : 8 Jun 2019 14:58  
 Operator : JC/SP  
 Sample : K3196-01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 COMP-1

Quant Time: Jun 10 01:27:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N060419W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 11:02:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 325692   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 493789   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 474073   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 150793   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.02  | 65   | 160750   | 49.71 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.42%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 141310   | 46.64 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.28%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 591664   | 50.75 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.50% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 188007   | 47.42 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.84%  |          |

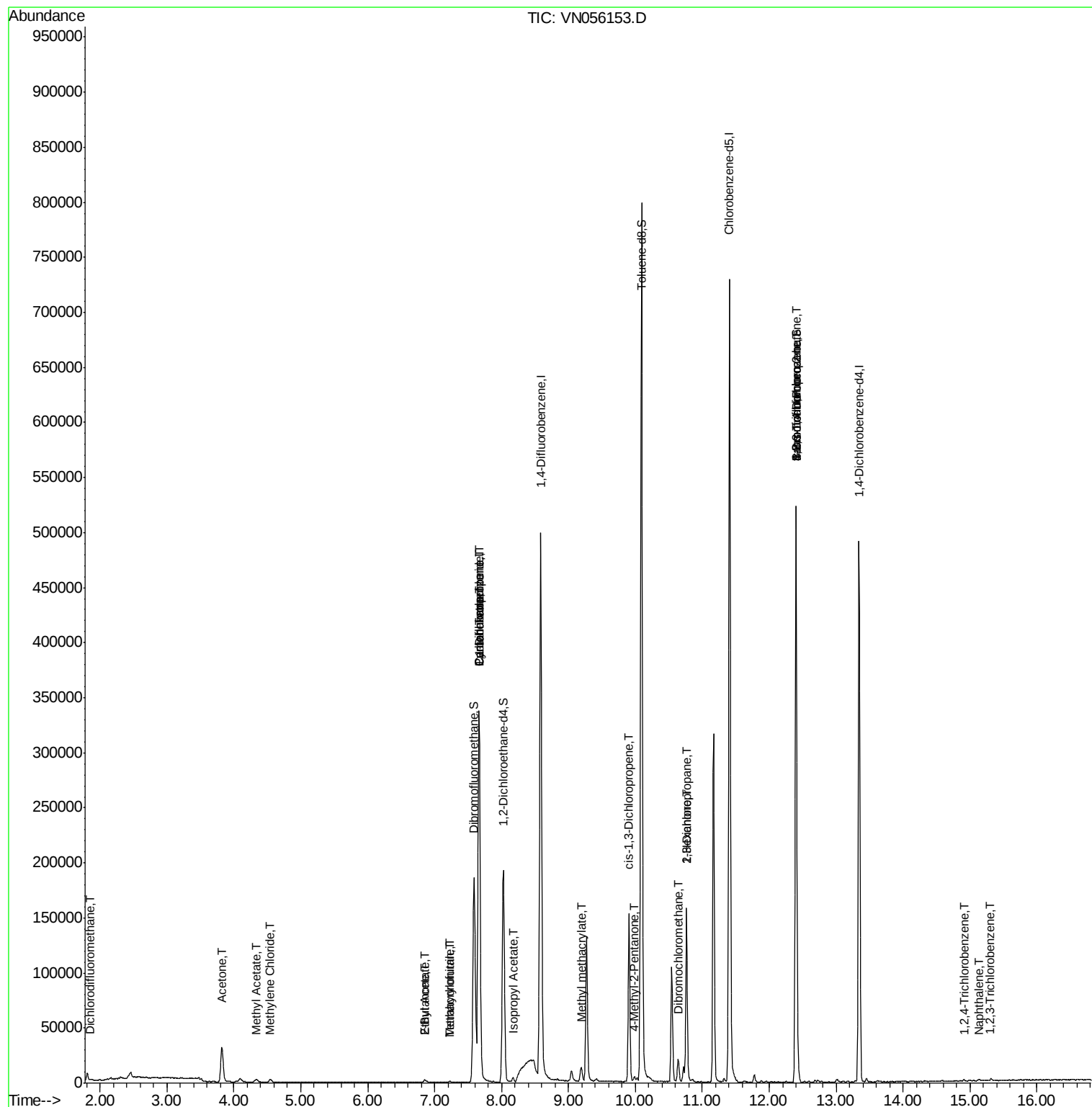
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.85  | 85   | 31       | 0.363     | ug/l # | 42     |
| 16) Acetone                    | 3.82  | 43   | 53822    | 34.799    | ug/l   | 98     |
| 18) Methyl Acetate             | 4.33  | 43   | 5519     | 1.253     | ug/l # | 88     |
| 20) Methylene Chloride         | 4.54  | 84   | 1912     | 0.600     | ug/l   | 89     |
| 25) 2-Butanone                 | 6.85  | 43   | 5422     | 2.775     | ug/l   | 99     |
| 29) Tetrahydrofuran            | 7.22  | 42   | 638      | 0.528     | ug/l # | 32     |
| 31) Cyclohexane                | 7.66  | 56   | 4579     | 0.892     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 18728    | 4.411     | ug/l # | 47     |
| 37) Ethyl Acetate              | 6.85  | 43   | 5422     | 1.435     | ug/l # | 67     |
| 38) Carbon Tetrachloride       | 7.66  | 117  | 26020    | 6.647     | ug/l # | 15     |
| 41) Methacrylonitrile          | 7.22  | 41   | 474      | 0.273     | ug/l # | 24     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 5133     | 0.838     | ug/l # | 81     |
| 48) Methyl methacrylate        | 9.18  | 41   | 5359     | 1.789     | ug/l # | 21     |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 3385     | 0.884     | ug/l   | 100    |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 29002    | 6.163     | ug/l # | 59     |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 1670     | 0.323     | ug/l # | 42     |
| 59) 2-Hexanone                 | 10.76 | 43   | 22262    | 8.023     | ug/l # | 53     |
| 60) Dibromochloromethane       | 10.63 | 129  | 91       | 2.477     | ug/l # | 11     |
| 71) Bromoform                  | 12.40 | 173  | 1503     | 3.262     | ug/l # | 1      |
| 73) Isopropylbenzene           | 12.25 | 105  | 434      | Below Cal | #      | 48     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 85609    | 30.854    | ug/l # | 100    |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 457      | Below Cal | #      | 39     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 85609    | 102.749   | ug/l # | 15     |
| 83) tert-Butylbenzene          | 13.00 | 119  | 258      | Below Cal | #      | 39     |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 765      | 4.521     | ug/l # | 76     |
| 94) Hexachlorobutadiene        | 15.01 | 225  | 324      | Below Cal | #      | 25     |
| 95) Naphthalene                | 15.13 | 128  | 1945     | 4.100     | ug/l # | 73     |
| 96) 1,2,3-Trichlorobenzene     | 15.32 | 180  | 978      | 3.355     | ug/l # | 88     |

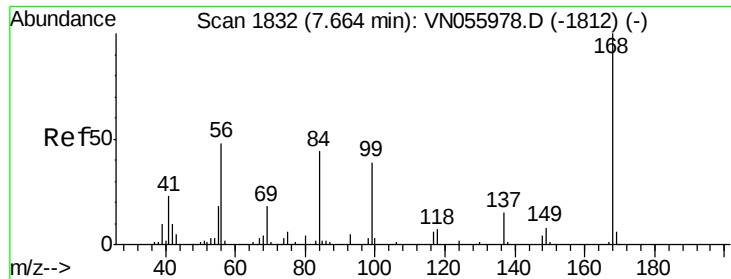
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Jun 04 11:02:09 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056153.D

Acq: 8 Jun 2019 14:58

Instrument :

MSVOA\_N

ClientSampled :

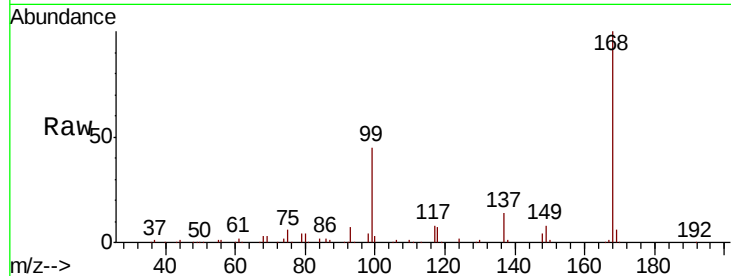
COMP-1

Tot Ion:168 Resp: 325692

Ion Ratio Lower Upper

168 100

99 44.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

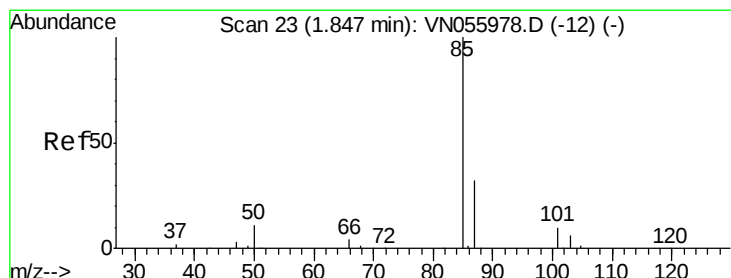
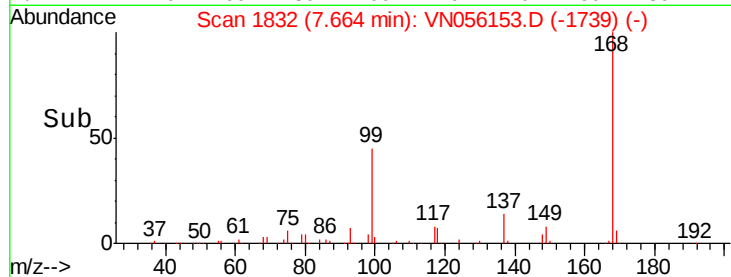
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.363 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056153.D

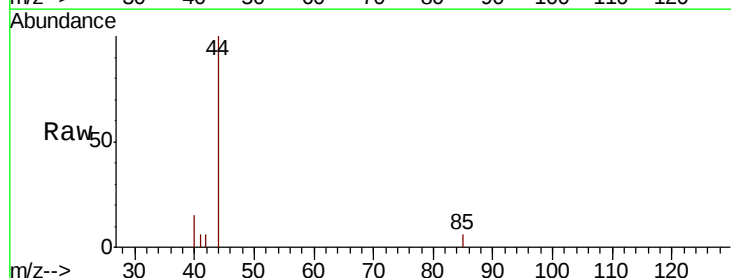
Acq: 8 Jun 2019 14:58

Tgt Ion: 85 Resp: 31

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VN055978.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055978.D (-12) (-)

1.85

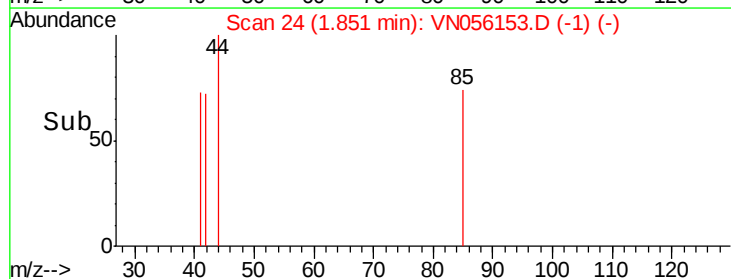
150

100

50

0

Time-->





#16

Acetone

Concen: 34.799 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056153.D

Acq: 8 Jun 2019 14:58

Instrument :

MSVOA\_N

ClientSampled :

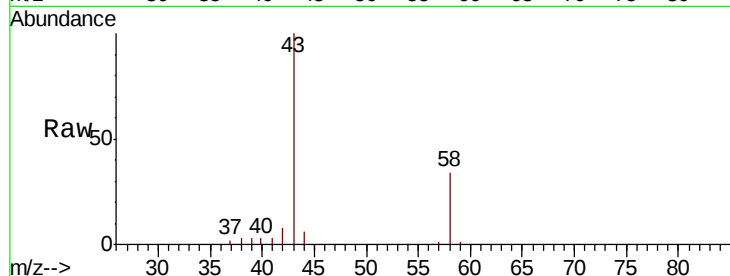
COMP-1

Tot Ion: 43 Resp: 53822

Ion Ratio Lower Upper

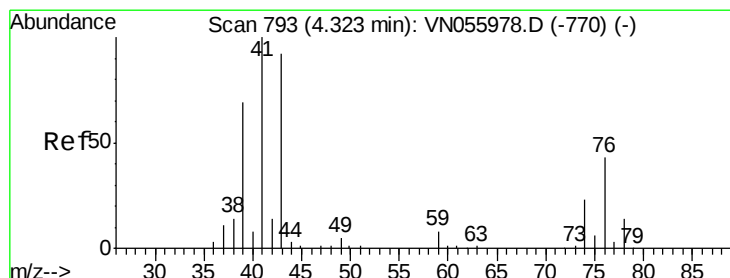
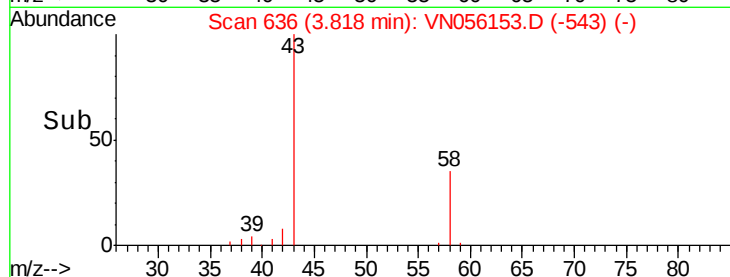
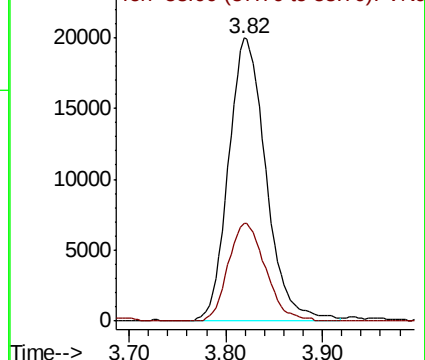
43 100

58 34.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.253 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN056153.D

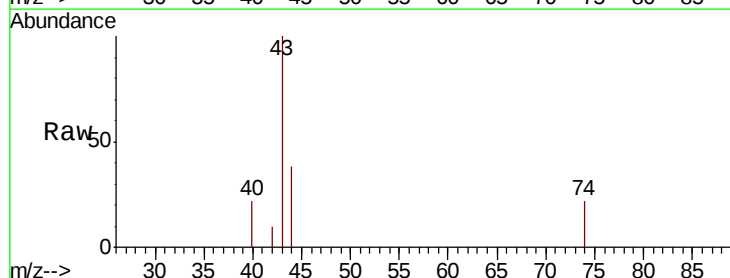
Acq: 8 Jun 2019 14:58

Tgt Ion: 43 Resp: 5519

Ion Ratio Lower Upper

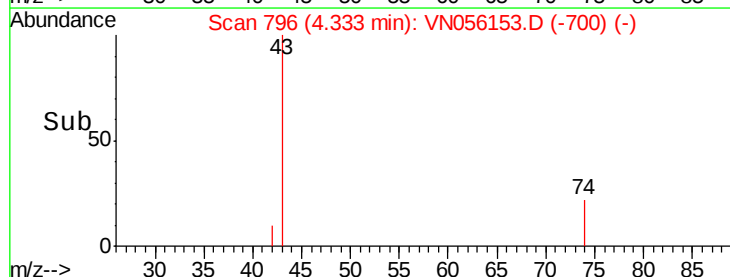
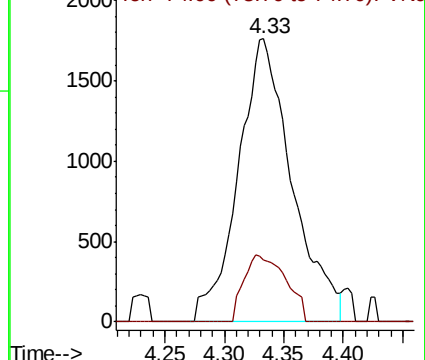
43 100

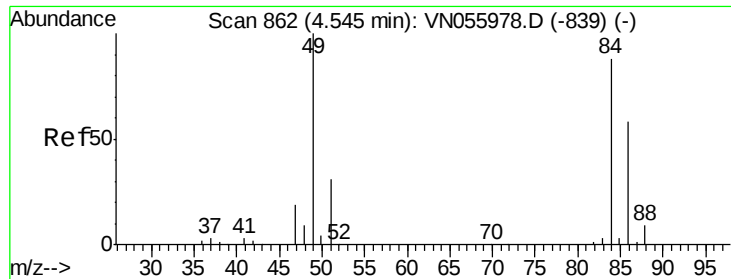
74 18.4 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

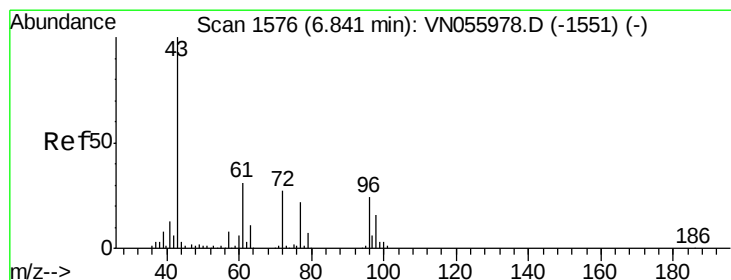
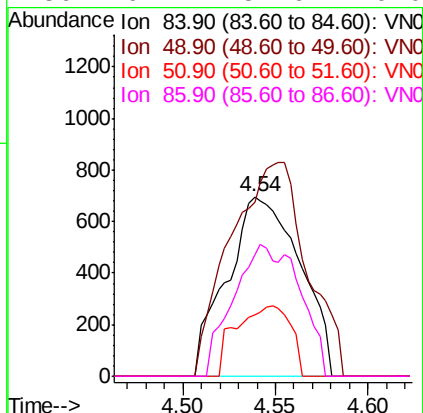
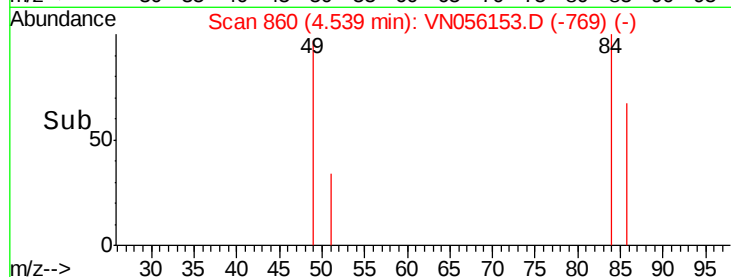
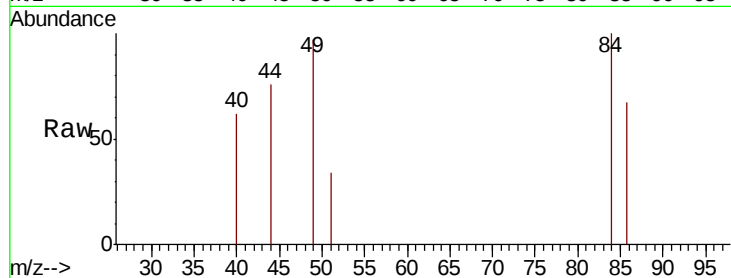




#20  
Methvlene Chloride  
Concen: 0.600 ug/l  
RT: 4.54 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

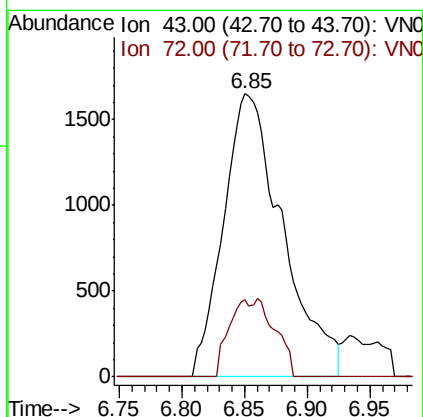
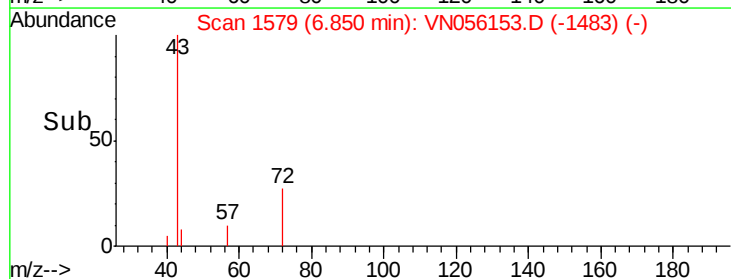
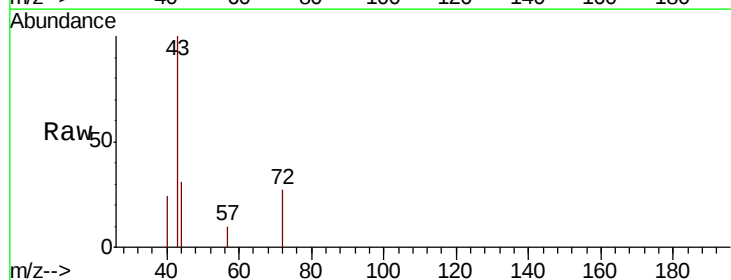
Instrument :  
MSVOA\_N  
ClientSampled :  
COMP-1

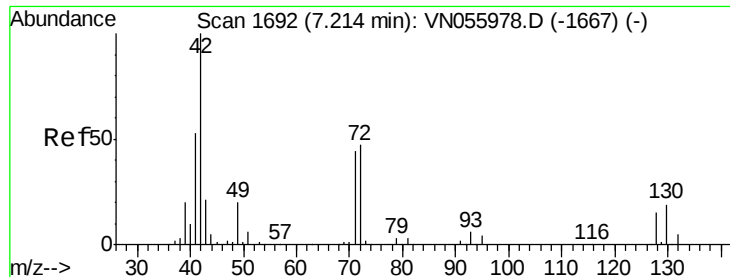
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 1912  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 97.0  | 93.5  | 140.3 |
| 51       | 34.0  | 28.6  | 43.0  |
| 86       | 67.4  | 52.6  | 79.0  |



#25  
2-Butanone  
Concen: 2.775 ug/l  
RT: 6.85 min Scan# 1579  
Delta R.T. 0.01 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 5422  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 27.1  | 21.9  | 32.9  |

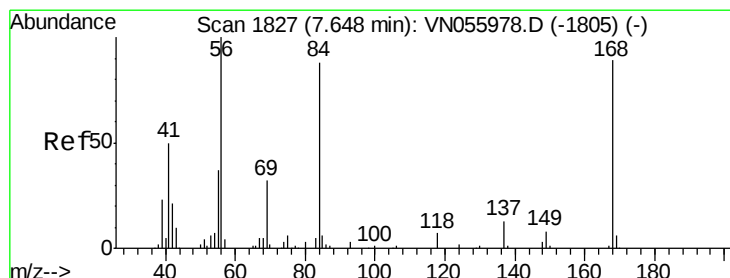
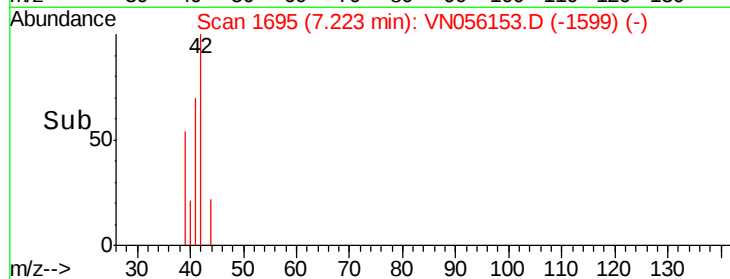
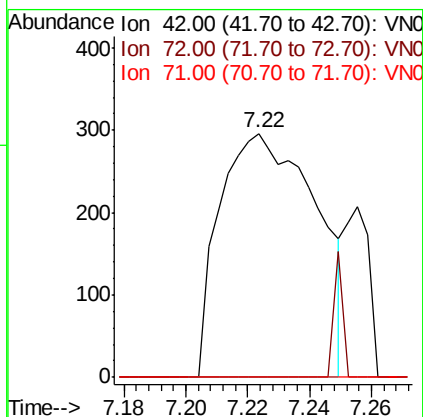
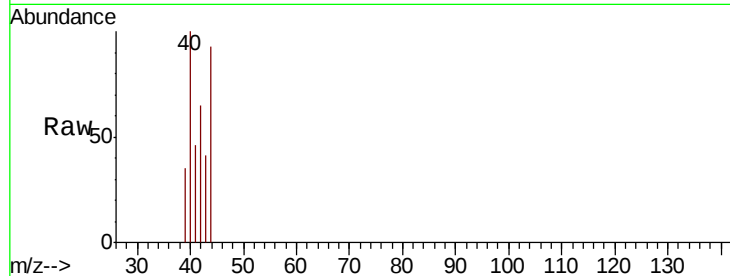




#29  
Tetrahydrofuran  
Concen: 0.528 ug/l  
RT: 7.22 min Scan# 1695  
Delta R.T. 0.01 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

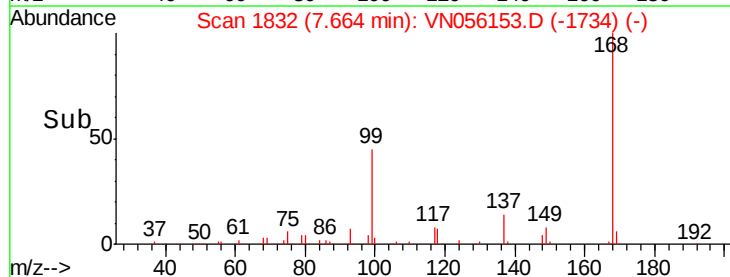
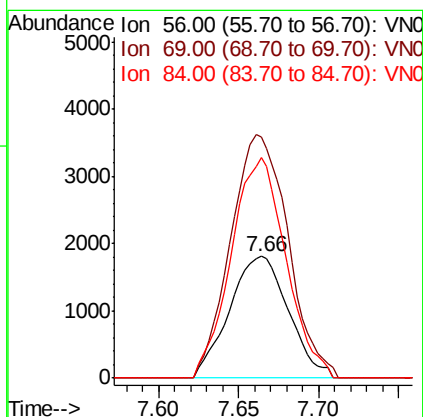
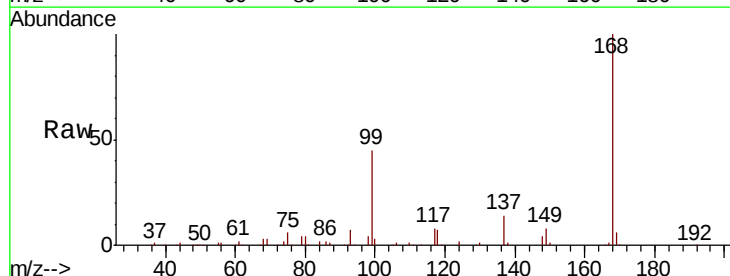
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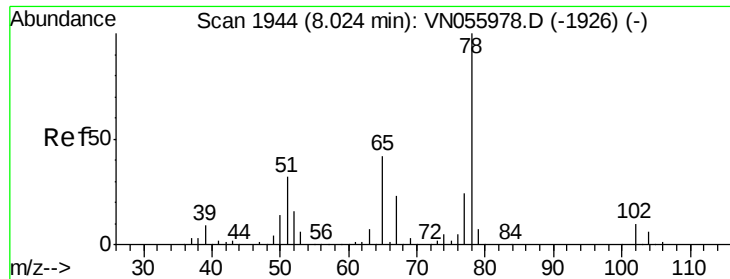
Tot Ion: 42 Resp: 638  
Ion Ratio Lower Upper  
42 100  
72 0.0 35.9 53.9#  
71 0.0 34.0 51.0#



#31  
Cyclohexane  
Concen: 0.892 ug/l  
RT: 7.66 min Scan# 1832  
Delta R.T. 0.02 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

Tgt Ion: 56 Resp: 4579  
Ion Ratio Lower Upper  
56 100  
69 197.3 25.6 38.4#  
84 180.6 67.4 101.0#

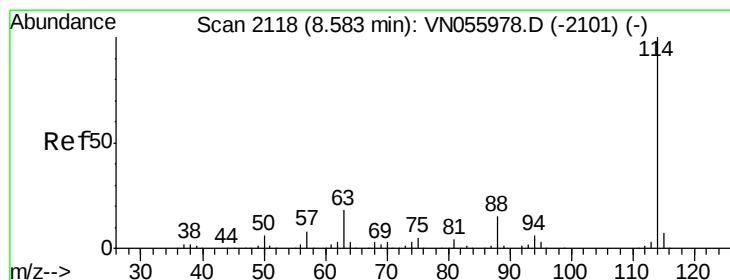
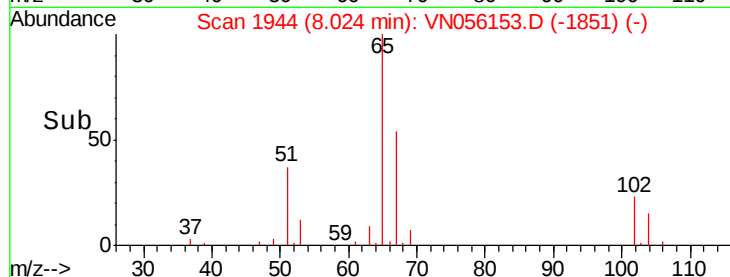
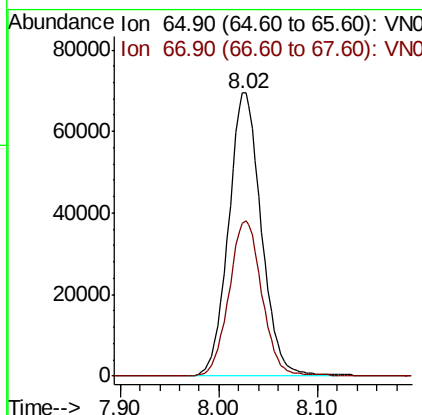
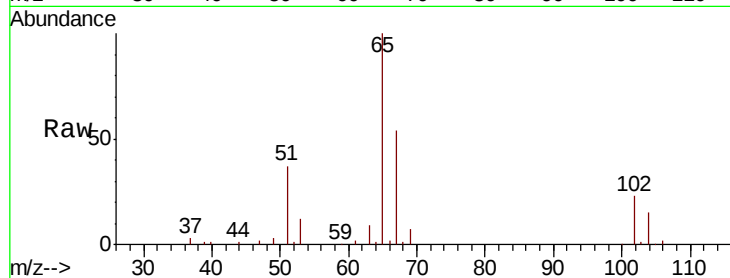




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.709 ug/l  
 RT: 8.02 min Scan# 1944  
 Delta R.T. 0.00 min  
 Lab File: VN056153.D  
 Acq: 8 Jun 2019 14:58

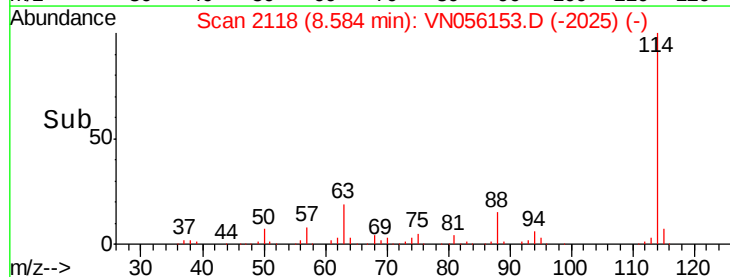
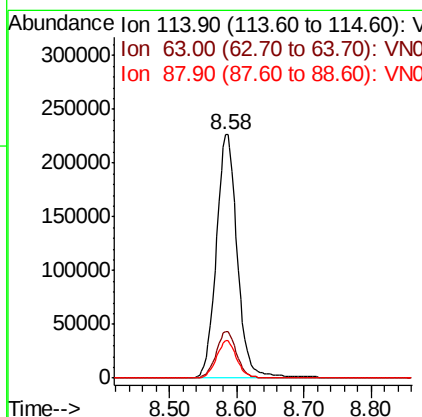
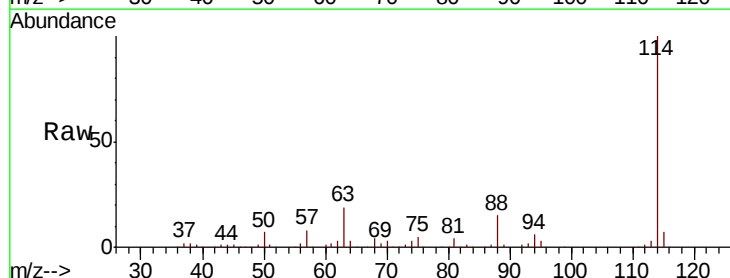
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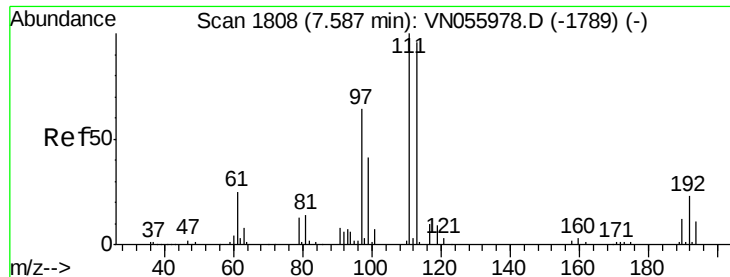
Tot Ion: 65 Resp: 160750  
 Ion Ratio Lower Upper  
 65 100  
 67 55.0 0.0 109.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN056153.D  
 Acq: 8 Jun 2019 14:58

Tgt Ion: 114 Resp: 493789  
 Ion Ratio Lower Upper  
 114 100  
 63 19.3 0.0 39.2  
 88 15.3 0.0 31.0

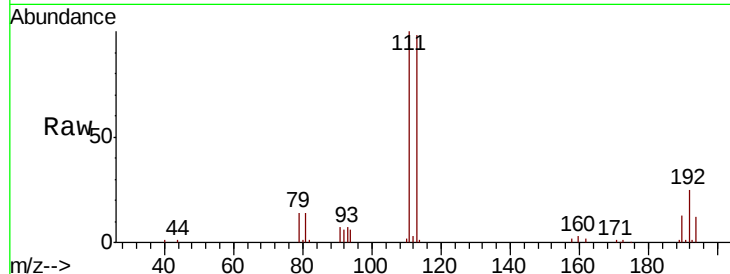




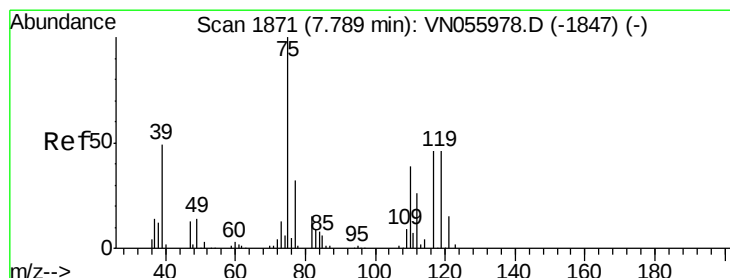
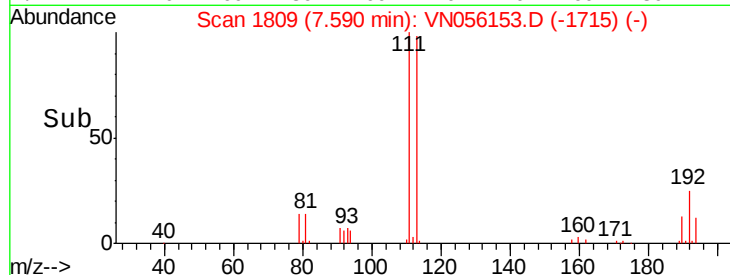
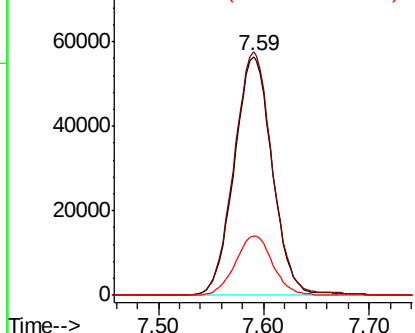
#35  
 Dibromofluoromethane  
 Concen: 46.644 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: VN056153.D  
 Acq: 8 Jun 2019 14:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 COMP-1

Tot Ion:113 Resp: 141310  
 Ion Ratio Lower Upper  
 113 100  
 111 102.1 81.9 122.9  
 192 24.8 19.5 29.3

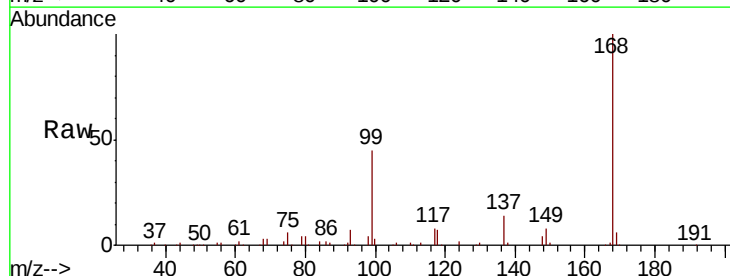


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

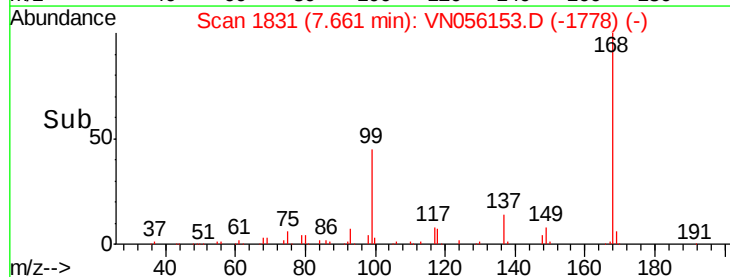
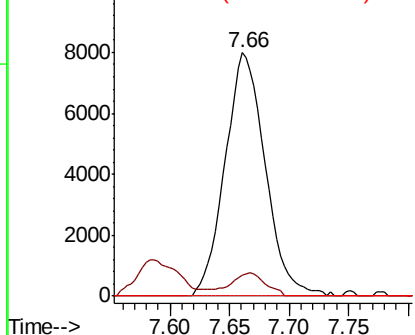


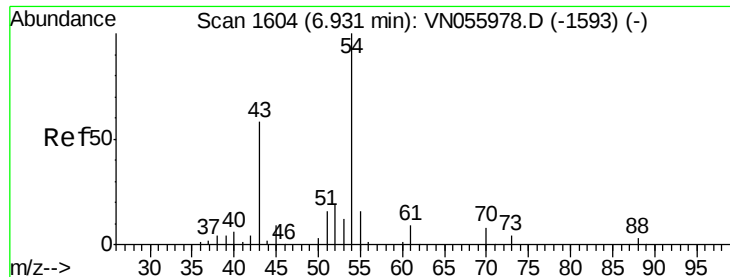
#36  
 1,1-Dichloropropene  
 Concen: 4.411 ug/l  
 RT: 7.66 min Scan# 1831  
 Delta R.T. -0.13 min  
 Lab File: VN056153.D  
 Acq: 8 Jun 2019 14:58

Tgt Ion: 75 Resp: 18728  
 Ion Ratio Lower Upper  
 75 100  
 110 8.0 19.0 57.0#  
 77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VNO  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VNO

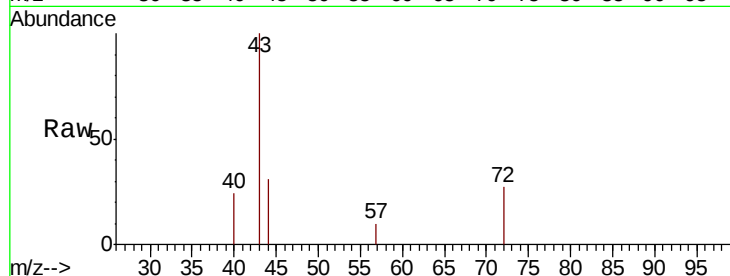




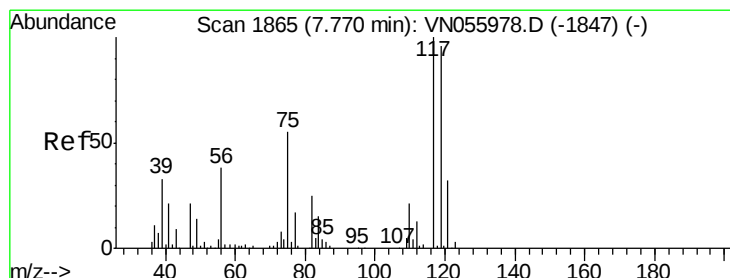
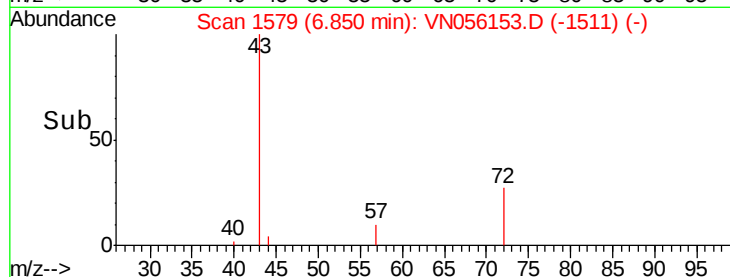
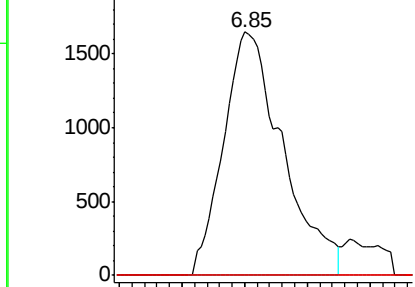
#37  
Ethyl Acetate  
Concen: 1.435 ug/l  
RT: 6.85 min Scan# 1579  
Delta R.T. -0.08 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-1

Tot Ion: 43 Resp: 5422  
Ion Ratio Lower Upper  
43 100  
61 0.0 12.2 18.2#  
70 0.0 8.9 13.3#

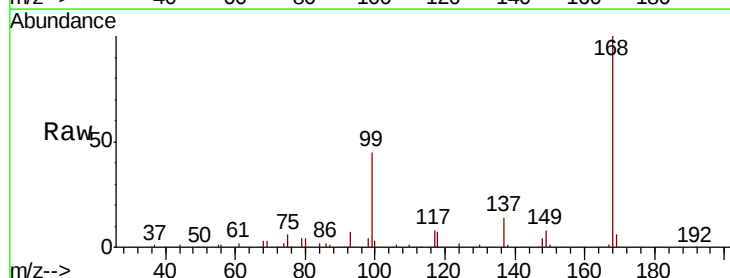


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

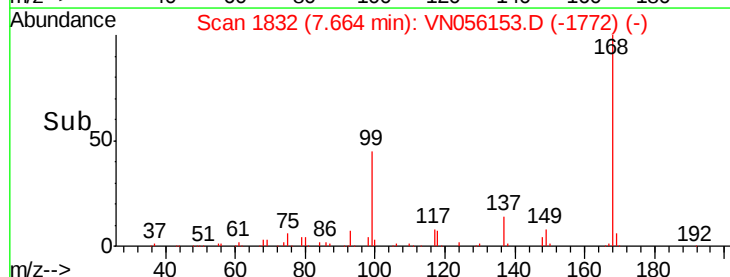
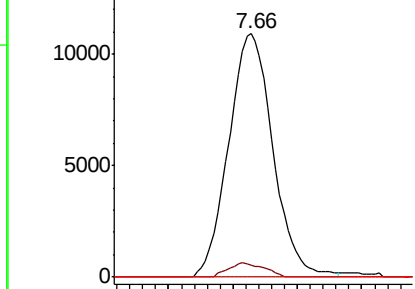


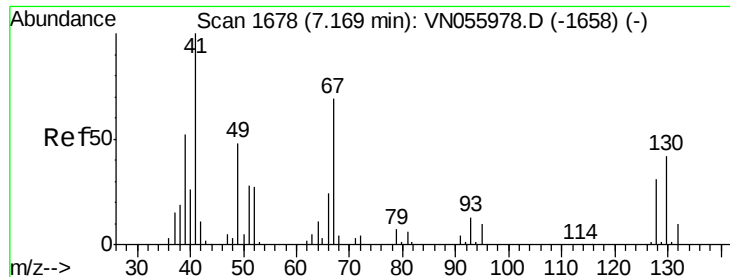
#38  
Carbon Tetrachloride  
Concen: 6.647 ug/l  
RT: 7.66 min Scan# 1832  
Delta R.T. -0.11 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

Tgt Ion: 117 Resp: 26020  
Ion Ratio Lower Upper  
117 100  
119 5.1 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

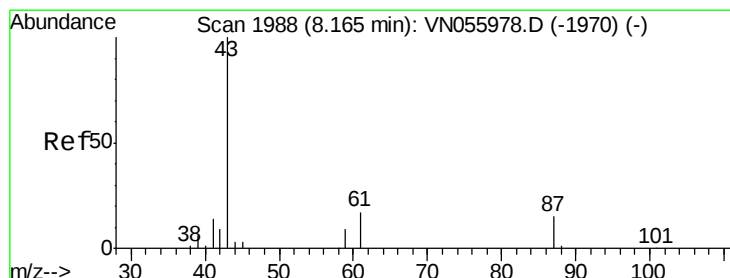
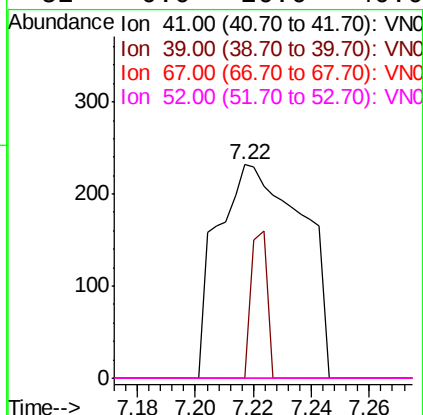
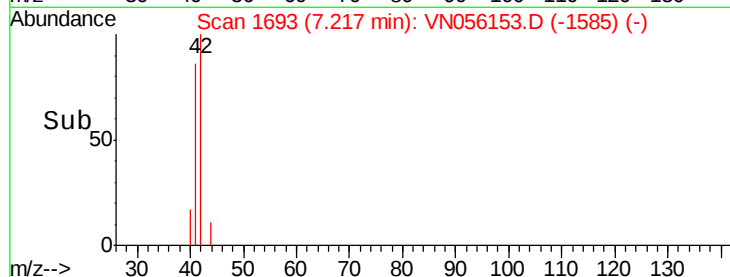
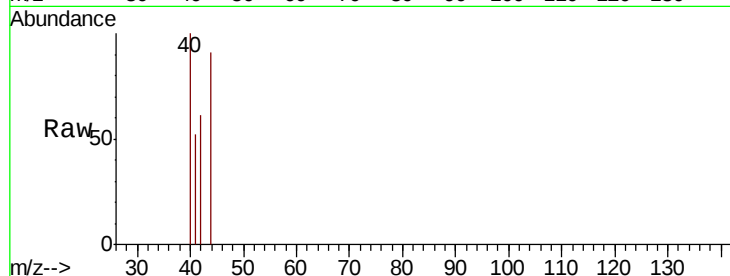




#41  
Methacrylonitrile  
Concen: 0.273 ug/l  
RT: 7.22 min Scan# 1693  
Delta R.T. 0.05 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

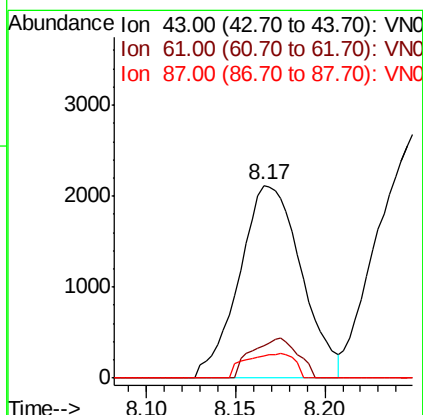
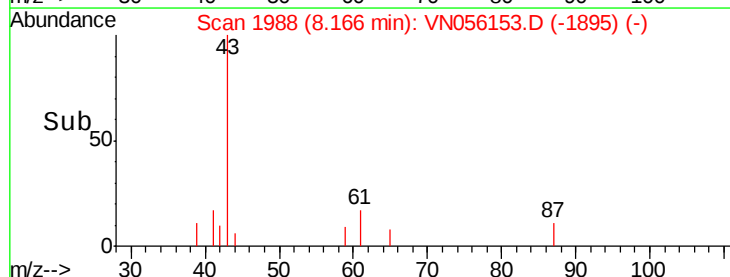
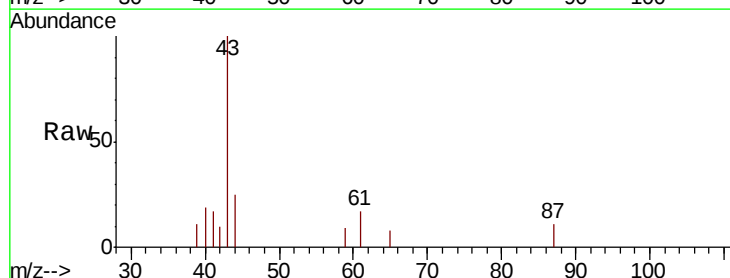
Instrument :  
MSVOA\_N  
ClientSampled :  
COMP-1

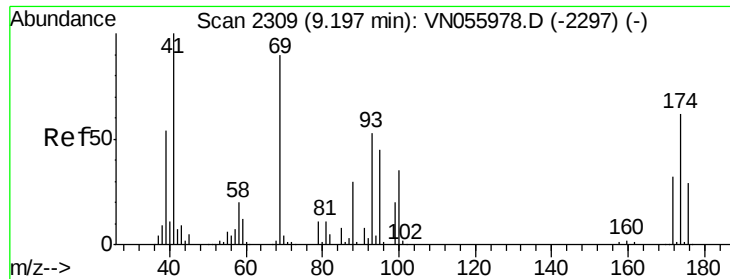
Tot Ion: 41 Resp: 474  
Ion Ratio Lower Upper  
41 100  
39 12.7 45.6 68.4#  
67 0.0 67.7 101.5#  
52 0.0 26.6 40.0#



#43  
Isopropyl Acetate  
Concen: 0.838 ug/l  
RT: 8.17 min Scan# 1988  
Delta R.T. 0.00 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

Tgt Ion: 43 Resp: 5133  
Ion Ratio Lower Upper  
43 100  
61 15.4 22.2 33.4#  
87 10.0 11.4 17.2#

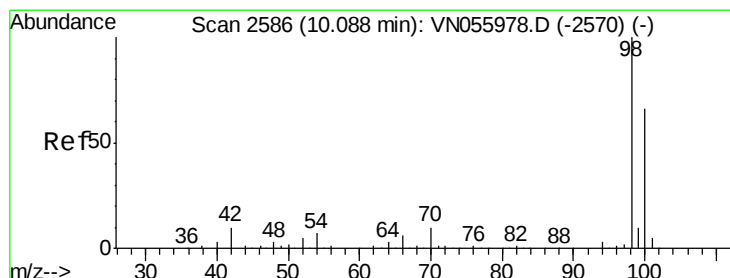
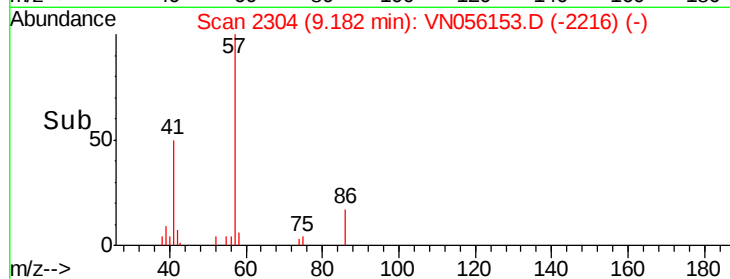
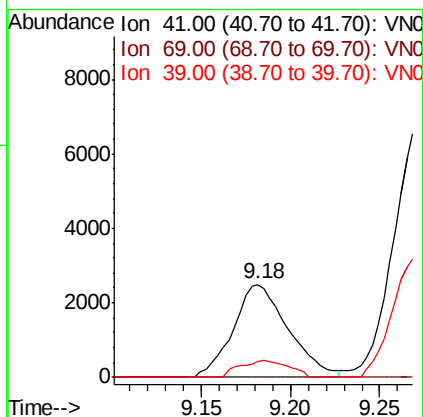
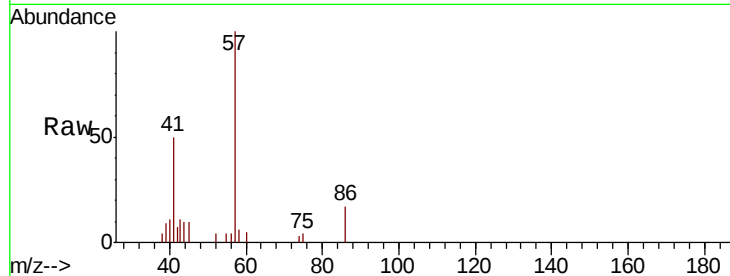




#48  
Methvl methacrylate  
Concen: 1.789 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. -0.02 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

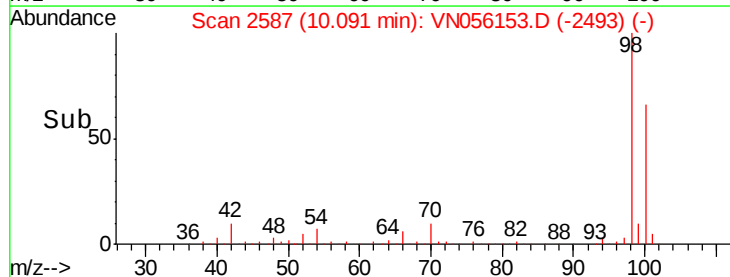
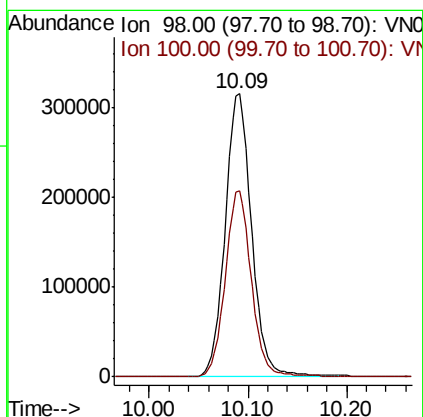
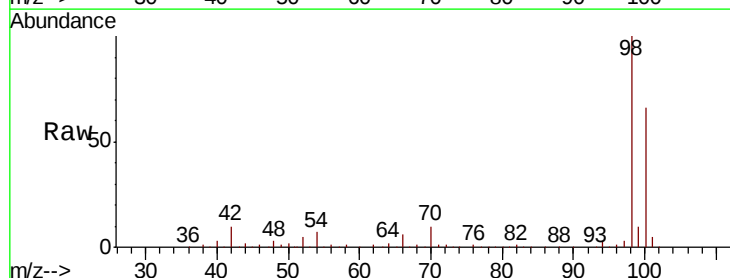
Instrument :  
MSVOA\_N  
ClientSampled :  
COMP-1

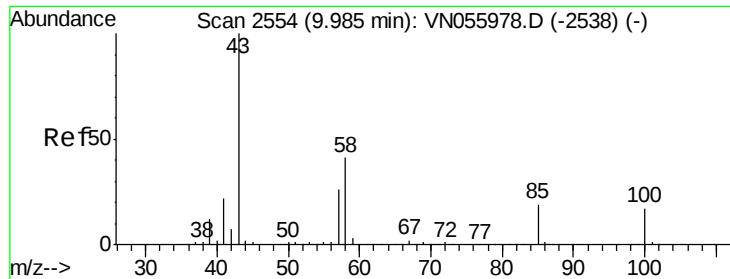
Tot Ion: 41 Resp: 5359  
Ion Ratio Lower Upper  
41 100  
69 0.0 71.0 106.6#  
39 16.2 44.2 66.2#



#50  
Toluene-d8  
Concen: 50.753 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

Tgt Ion: 98 Resp: 591664  
Ion Ratio Lower Upper  
98 100  
100 65.2 51.9 77.9

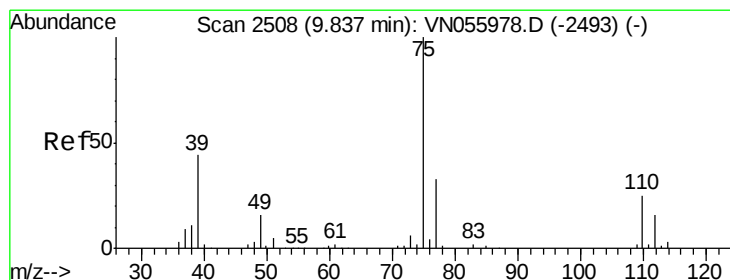
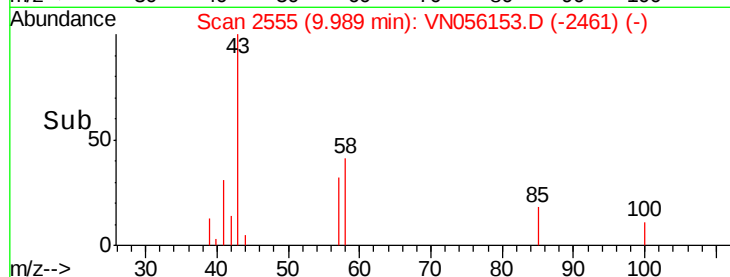
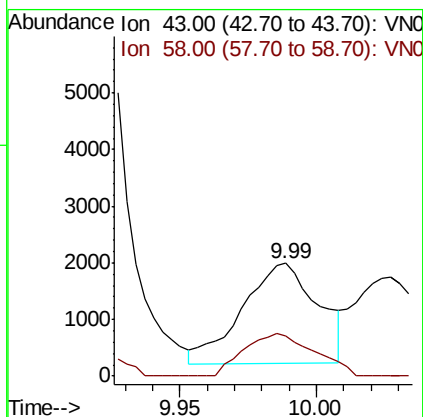
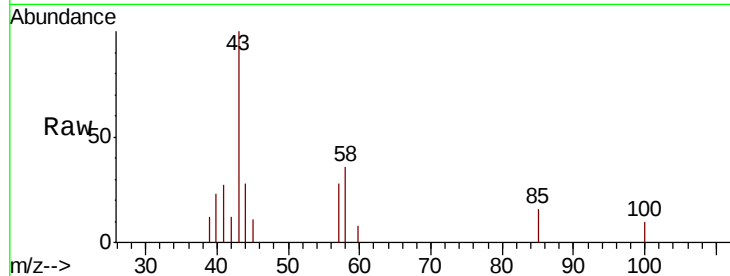




#51  
4-Methyl-2-Pentanone  
Concen: 0.884 ug/l  
RT: 9.99 min Scan# 2555  
Delta R.T. 0.00 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

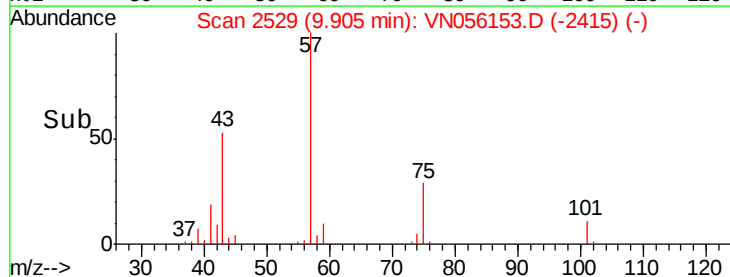
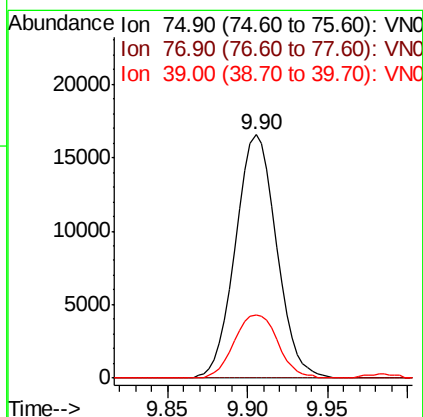
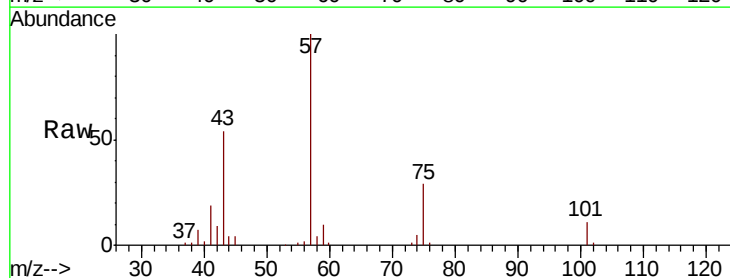
Instrument :  
MSVOA\_N  
ClientSampled :  
COMP-1

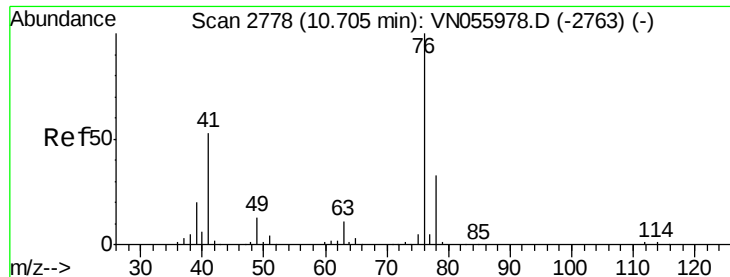
Tot Ion: 43 Resp: 3385  
Ion Ratio Lower Upper  
43 100  
58 39.9 32.1 48.1



#54  
cis-1,3-Dichloropropene  
Concen: 6.163 ug/l  
RT: 9.90 min Scan# 2529  
Delta R.T. 0.07 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

Tgt Ion: 75 Resp: 29002  
Ion Ratio Lower Upper  
75 100  
77 0.0 25.4 38.0#  
39 26.1 36.3 54.5#

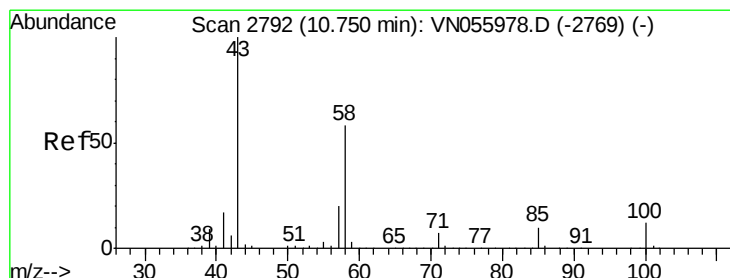
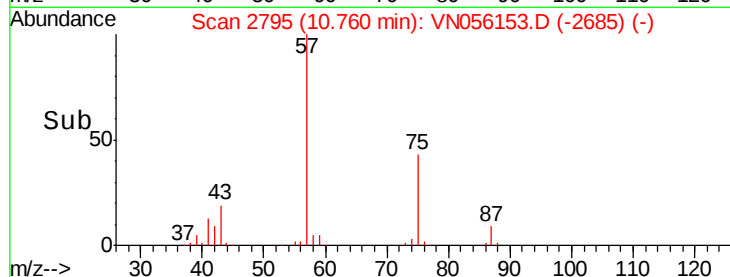
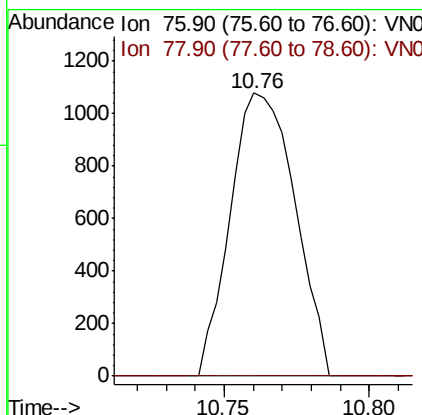
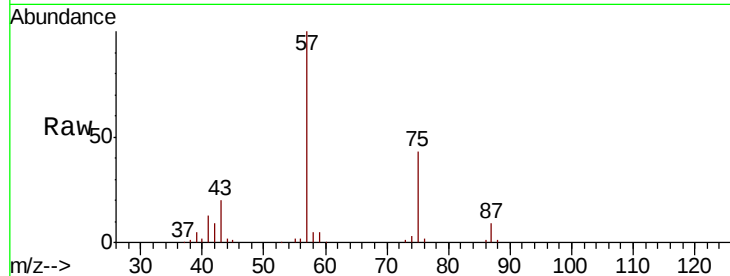




#57  
 1,3-Dichloropropane  
 Concen: 0.323 ug/l  
 RT: 10.76 min Scan# 2795  
 Delta R.T. 0.05 min  
 Lab File: VN056153.D  
 Acq: 8 Jun 2019 14:58

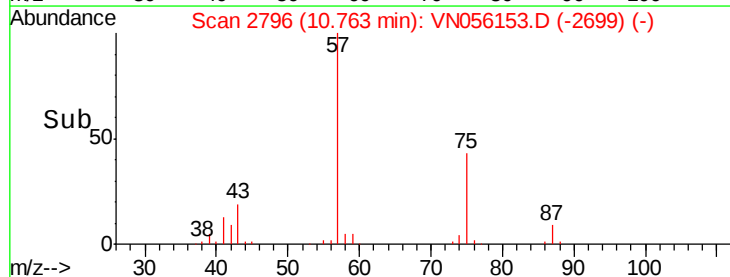
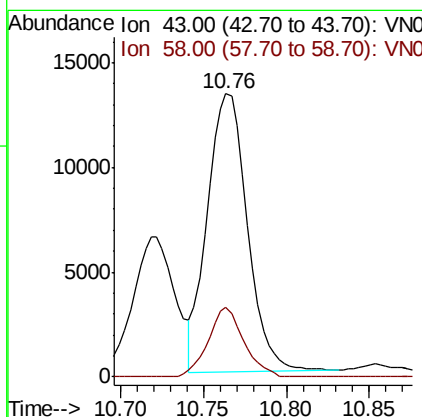
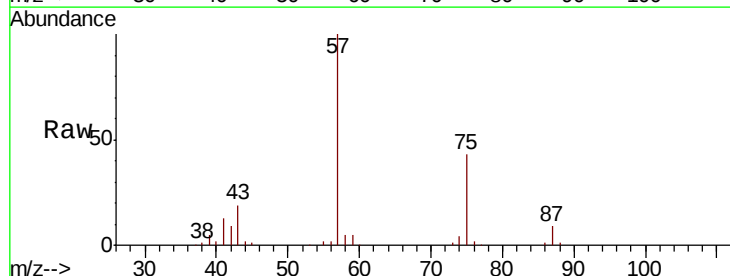
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 COMP-1

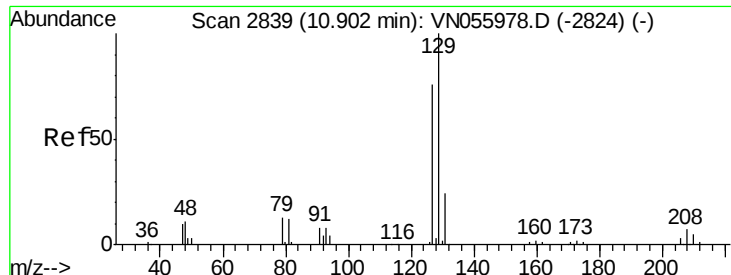
Tot Ion: 76 Resp: 1670  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.8 38.6#



#59  
 2-Hexanone  
 Concen: 8.023 ug/l  
 RT: 10.76 min Scan# 2796  
 Delta R.T. 0.01 min  
 Lab File: VN056153.D  
 Acq: 8 Jun 2019 14:58

Tgt Ion: 43 Resp: 22262  
 Ion Ratio Lower Upper  
 43 100  
 58 22.2 28.2 84.7#

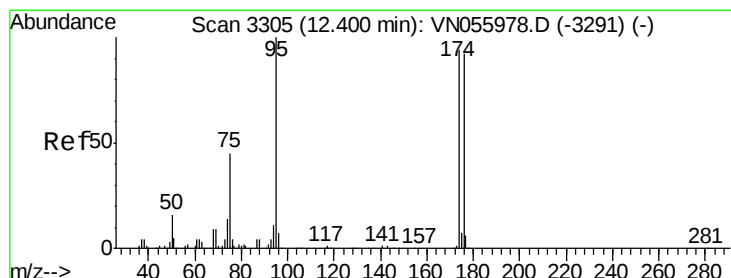
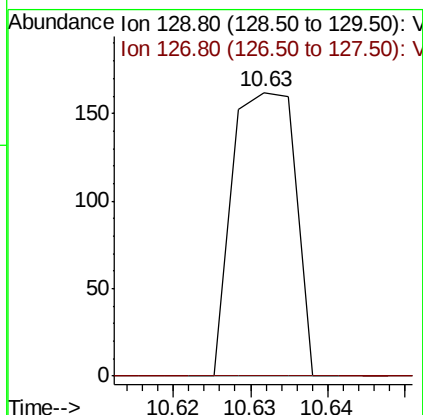
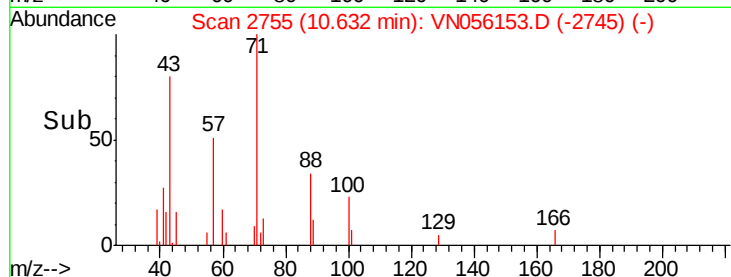
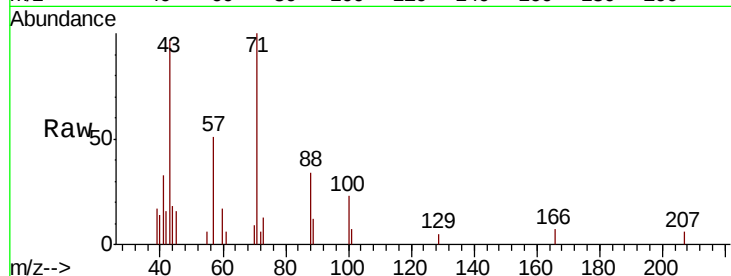




#60  
Dibromochloromethane  
Concen: 2.477 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. -0.27 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

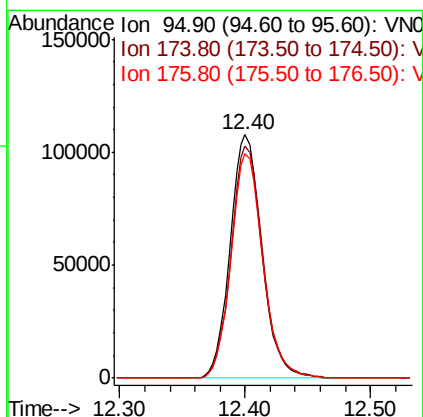
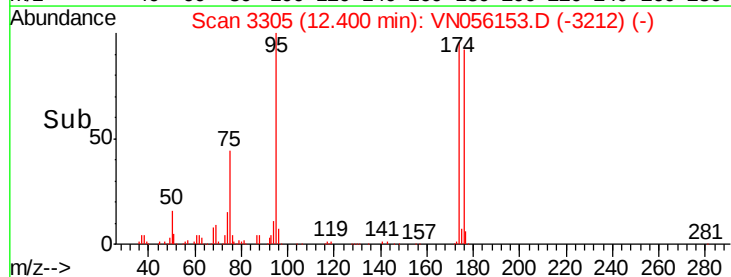
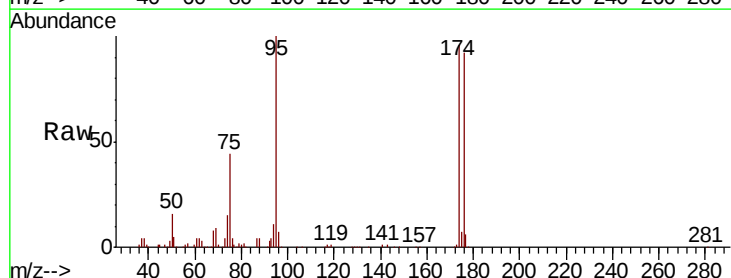
Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-1

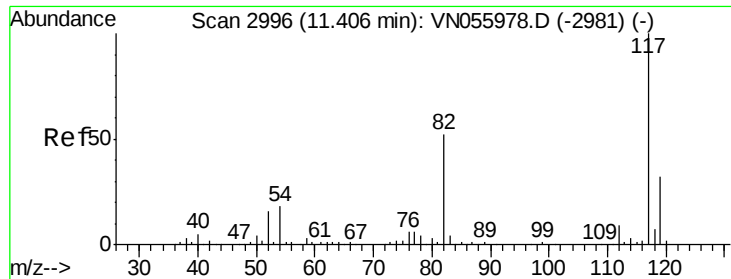
Tot Ion:129 Resp: 91  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.1 114.3#



#62  
4-Bromofluorobenzene  
Concen: 47.422 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.00 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

Tgt Ion: 95 Resp: 188007  
Ion Ratio Lower Upper  
95 100  
174 96.4 0.0 191.0  
176 92.8 0.0 185.2

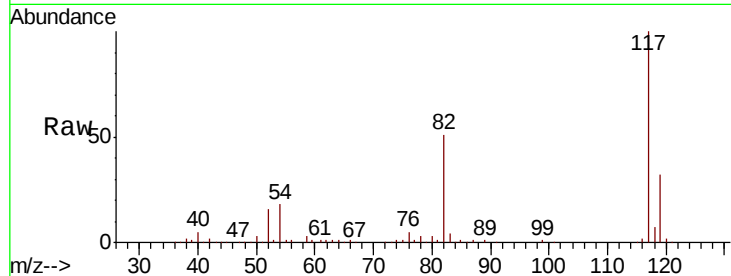




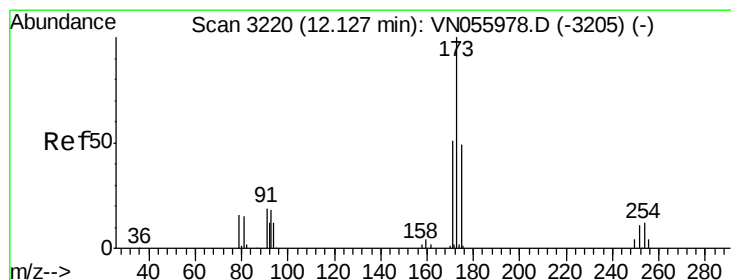
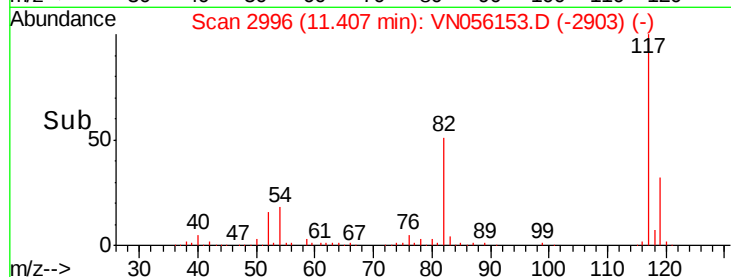
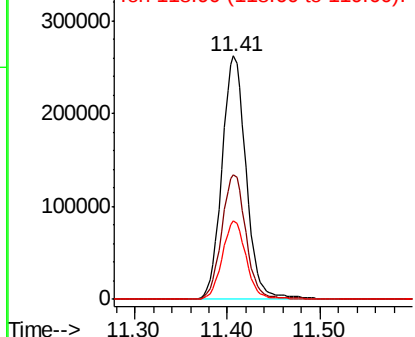
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-1

Tot Ion:117 Resp: 474073  
Ion Ratio Lower Upper  
117 100  
82 51.4 41.8 62.8  
119 32.3 25.4 38.0

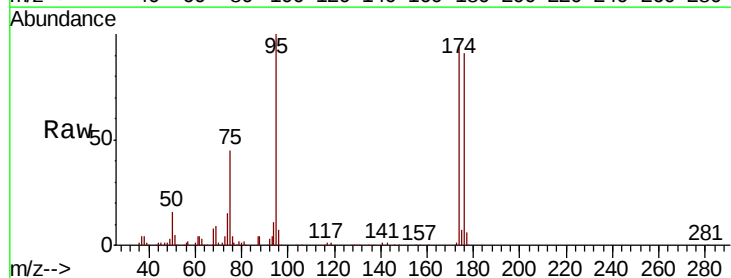


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

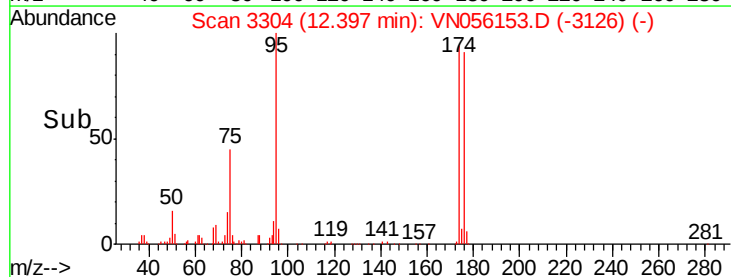
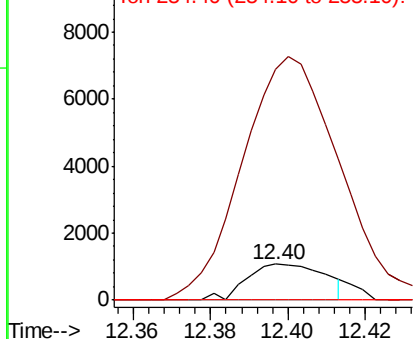


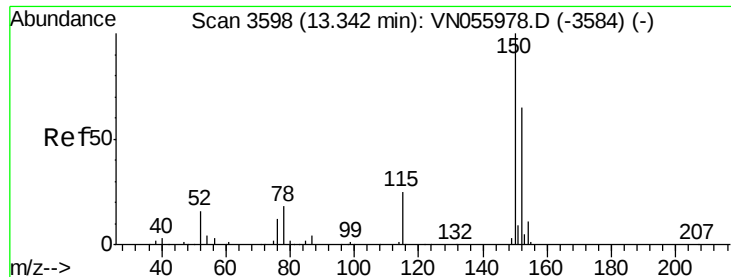
#71  
Bromoform  
Concen: 3.262 ug/l  
RT: 12.40 min Scan# 3304  
Delta R.T. 0.27 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

Tgt Ion:173 Resp: 1503  
Ion Ratio Lower Upper  
173 100  
175 733.5 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: VN056153.D

Acq: 8 Jun 2019 14:58

Instrument :

MSVOA\_N

ClientSampleId :

COMP-1

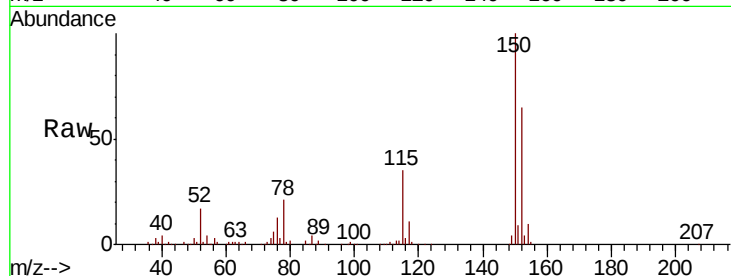
Tot Ion:152 Resp: 150793

Ion Ratio Lower Upper

152 100

115 53.4 27.0 81.0

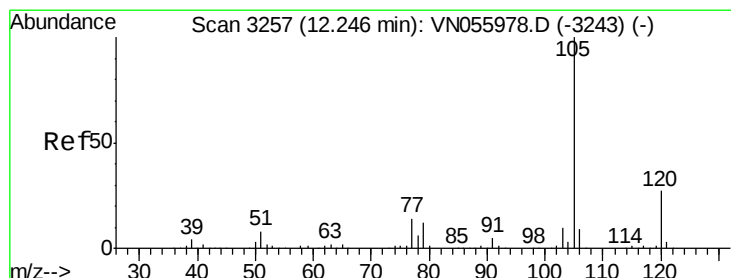
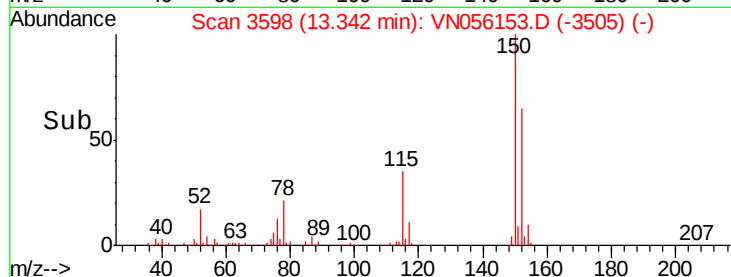
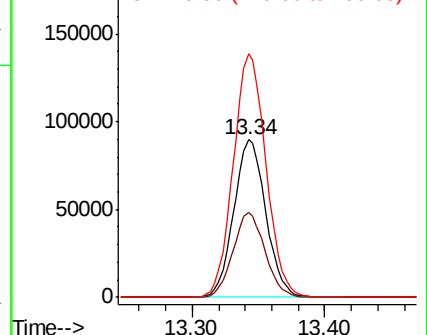
150 157.2 0.0 343.2



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



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN056153.D

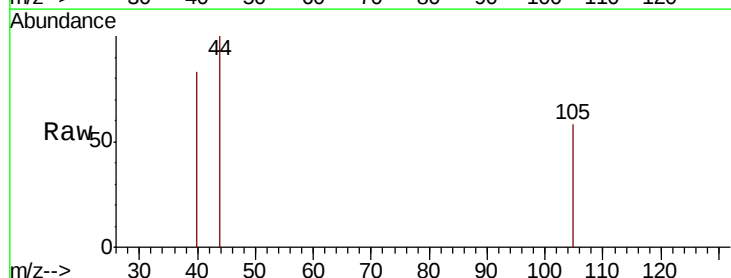
Acq: 8 Jun 2019 14:58

Tgt Ion:105 Resp: 434

Ion Ratio Lower Upper

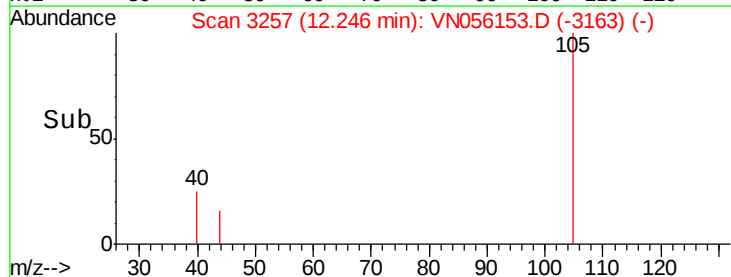
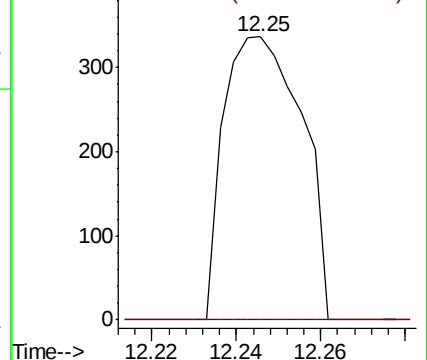
105 100

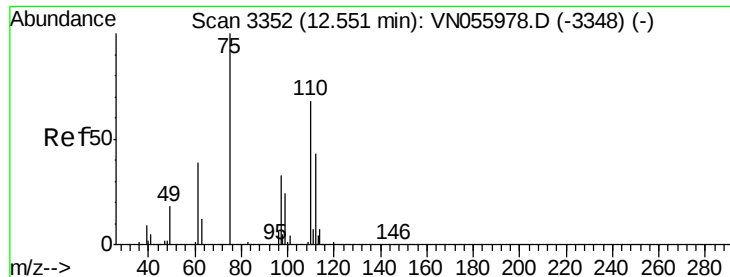
120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 30.854 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056153.D

Acq: 8 Jun 2019 14:58

Instrument :

MSVOA\_N

ClientSampled :

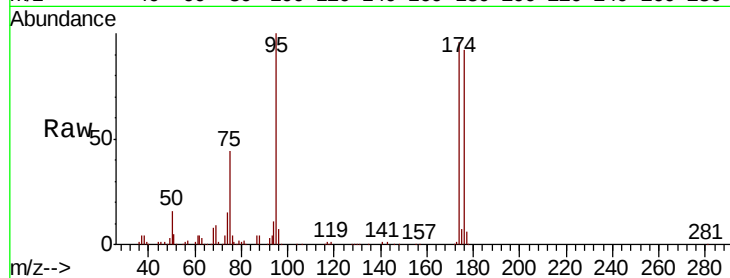
COMP-1

Tot Ion: 75 Resp: 85609

Ion Ratio Lower Upper

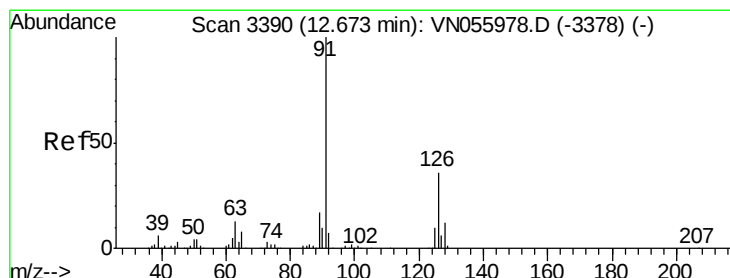
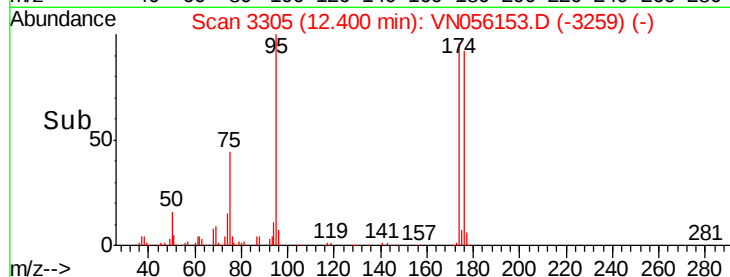
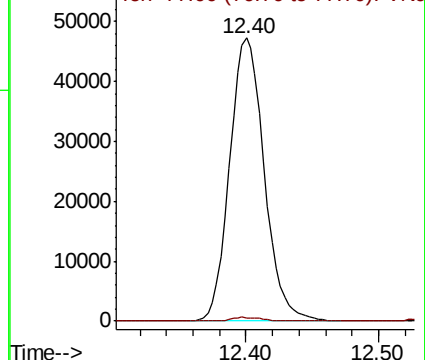
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056153.D

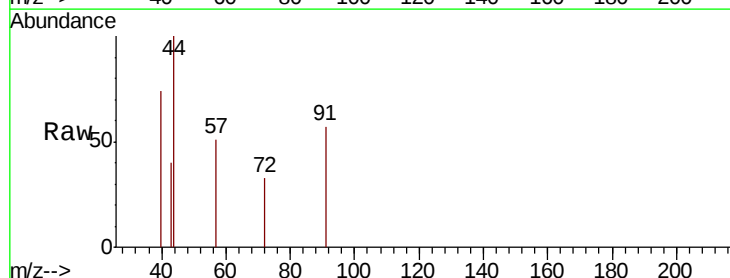
Acq: 8 Jun 2019 14:58

Tgt Ion: 91 Resp: 457

Ion Ratio Lower Upper

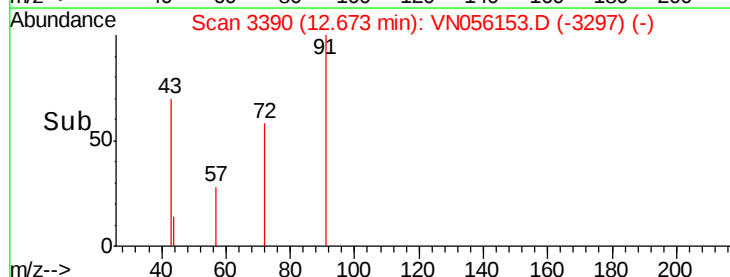
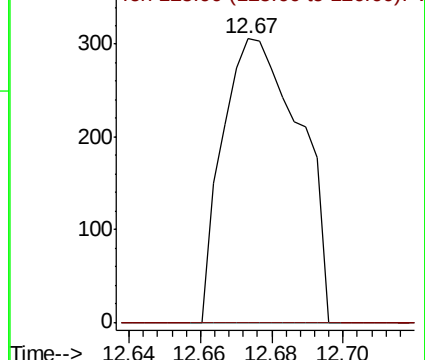
91 100

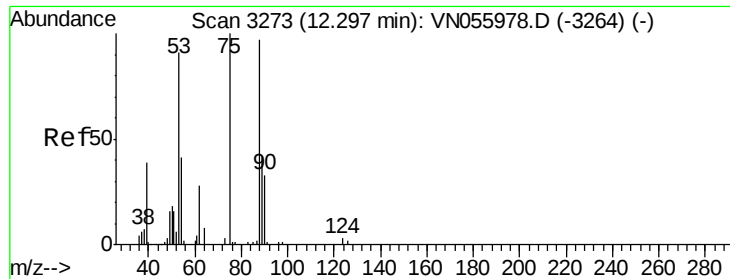
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): VNO

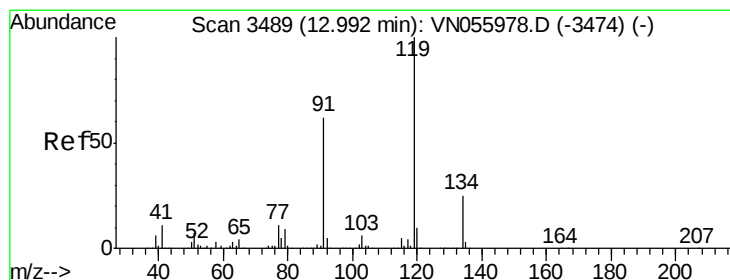
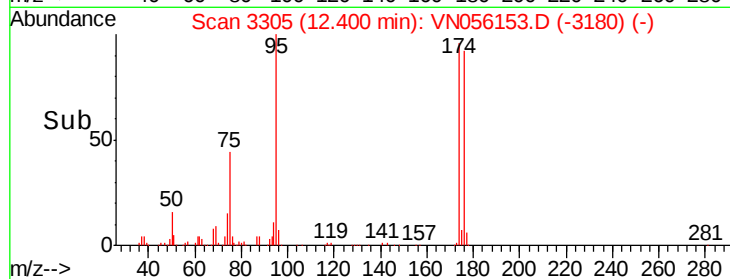
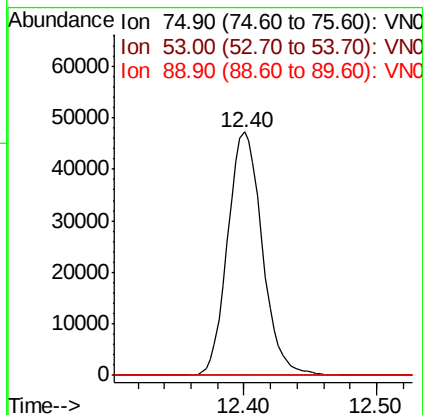
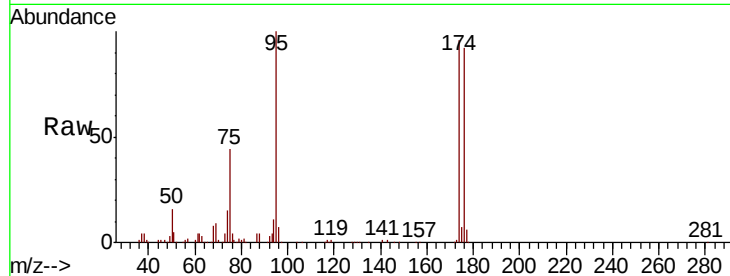




#81  
trans-1,4-Dichloro-2-butene  
Concen: 102.749 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.10 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

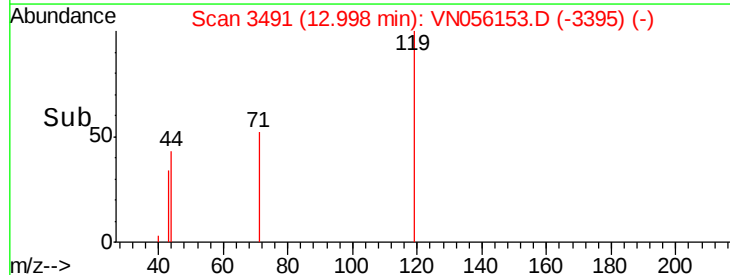
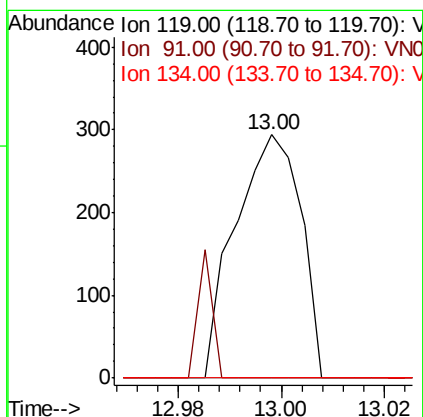
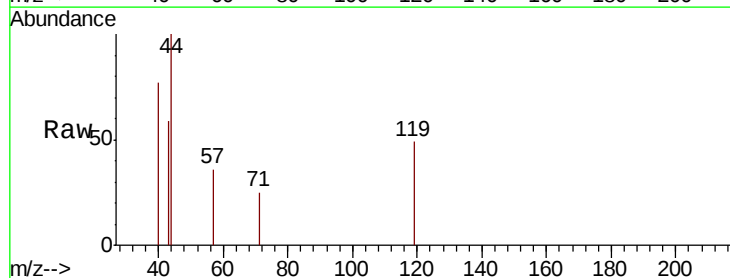
Instrument :  
MSVOA\_N  
ClientSampled :  
COMP-1

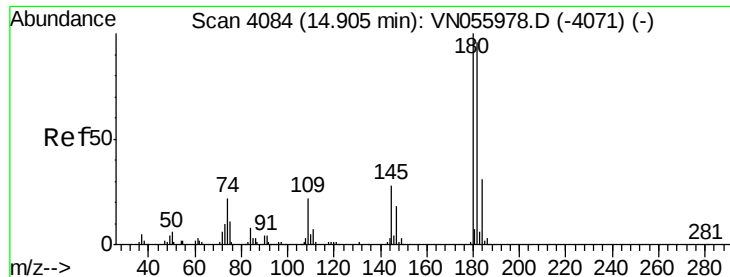
Tot Ion: 75 Resp: 85609  
Ion Ratio Lower Upper  
75 100  
53 0.0 68.1 102.1#  
89 0.0 36.9 55.3#



#83  
tert-Butylbenzene  
Concen: Below Cal  
RT: 13.00 min Scan# 3491  
Delta R.T. 0.01 min  
Lab File: VN056153.D  
Acq: 8 Jun 2019 14:58

Tgt Ion: 119 Resp: 258  
Ion Ratio Lower Upper  
119 100  
91 11.6 30.9 92.8#  
134 0.0 13.3 39.8#

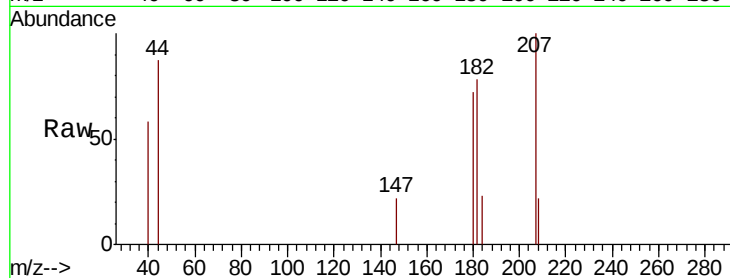




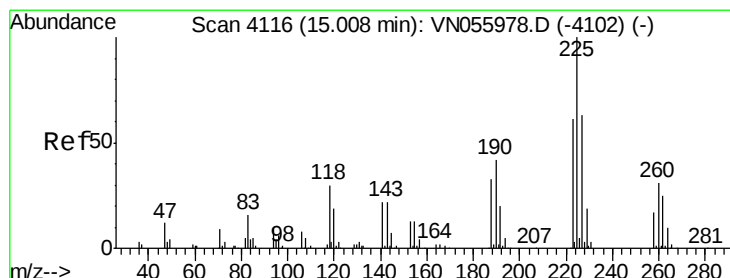
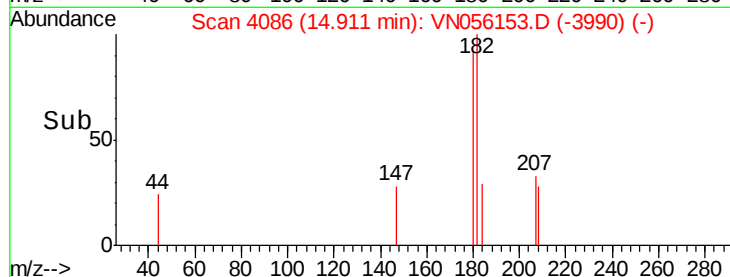
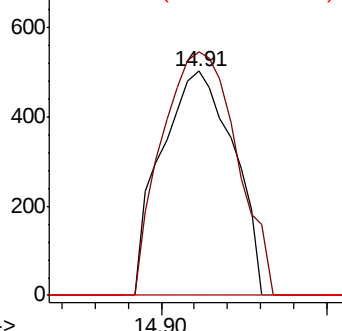
#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.521 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.01 min  
 Lab File: VN056153.D  
 Acq: 8 Jun 2019 14:58

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 COMP-1

Tot Ion:180 Resp: 765  
 Ion Ratio Lower Upper  
 180 100  
 182 111.9 48.3 144.9  
 145 0.0 14.0 41.9#

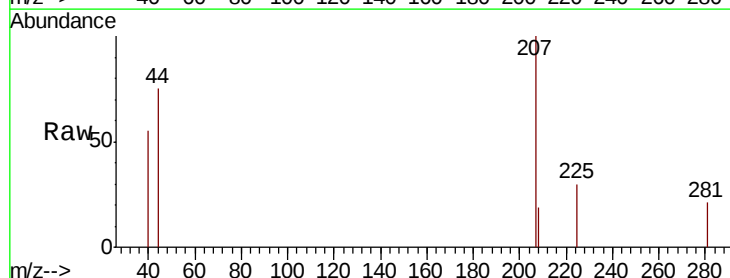


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

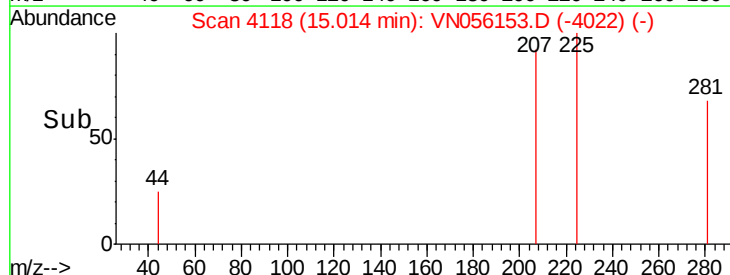
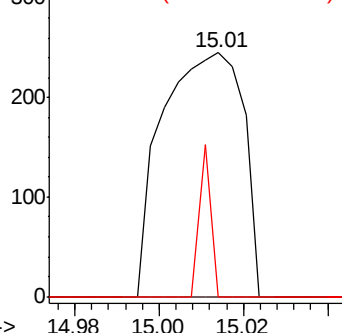


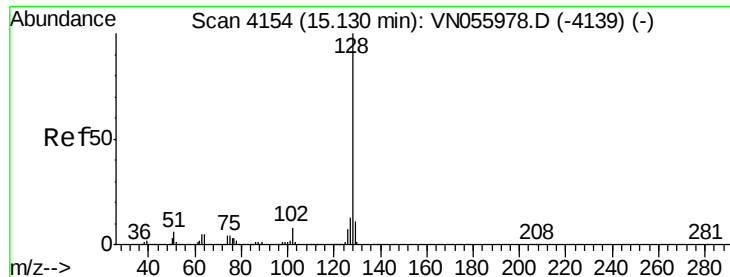
#94  
 Hexachlorobutadiene  
 Concen: Below Cal  
 RT: 15.01 min Scan# 4118  
 Delta R.T. 0.01 min  
 Lab File: VN056153.D  
 Acq: 8 Jun 2019 14:58

Tgt Ion:225 Resp: 324  
 Ion Ratio Lower Upper  
 225 100  
 223 0.0 30.9 92.7#  
 227 9.0 31.6 94.7#



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.100 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056153.D

Acq: 8 Jun 2019 14:58

Instrument :

MSVOA\_N

ClientSampled :

COMP-1

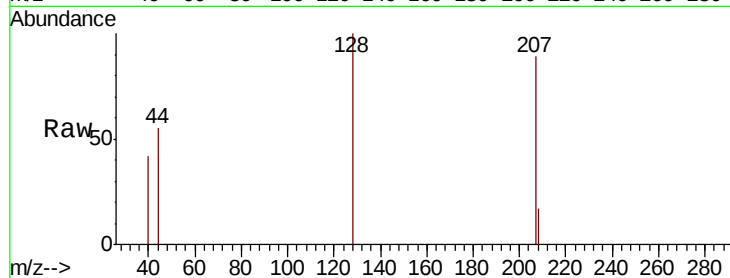
Tot Ion:128 Resp: 1945

Ion Ratio Lower Upper

128 100

127 1.5 10.3 15.5#

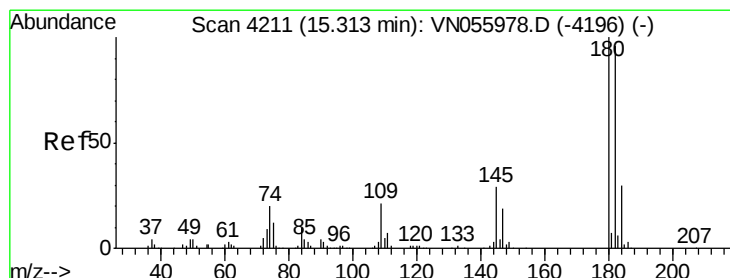
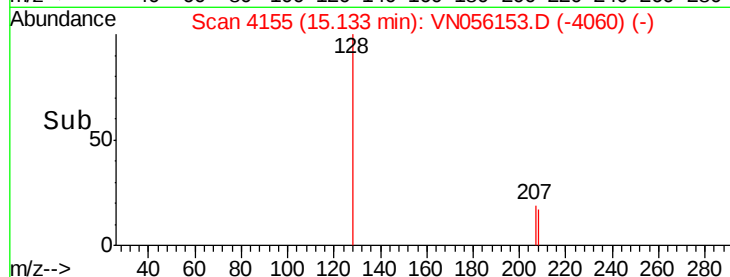
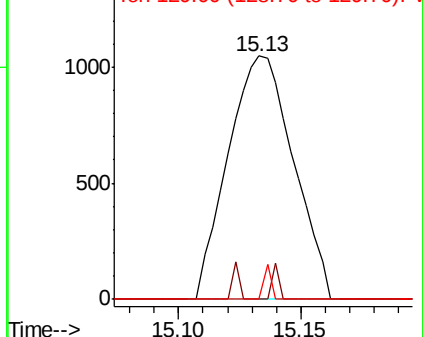
129 1.5 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.355 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN056153.D

Acq: 8 Jun 2019 14:58

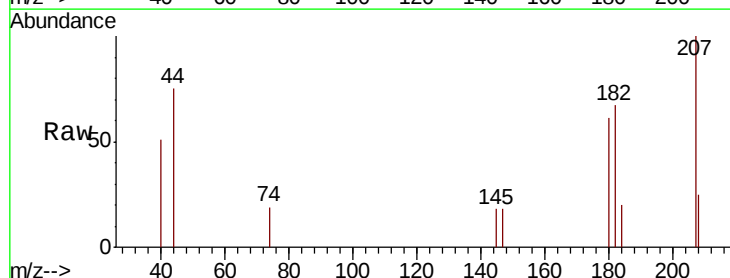
Tgt Ion:180 Resp: 978

Ion Ratio Lower Upper

180 100

182 101.8 47.9 143.7

145 13.8 14.9 44.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

