

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\  
 Data File : VN055760.D  
 Acq On : 23 May 2019 18:01  
 Operator : JC/SP  
 Sample : K3008-07  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 COMP-19

Quant Time: May 24 06:50:05 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

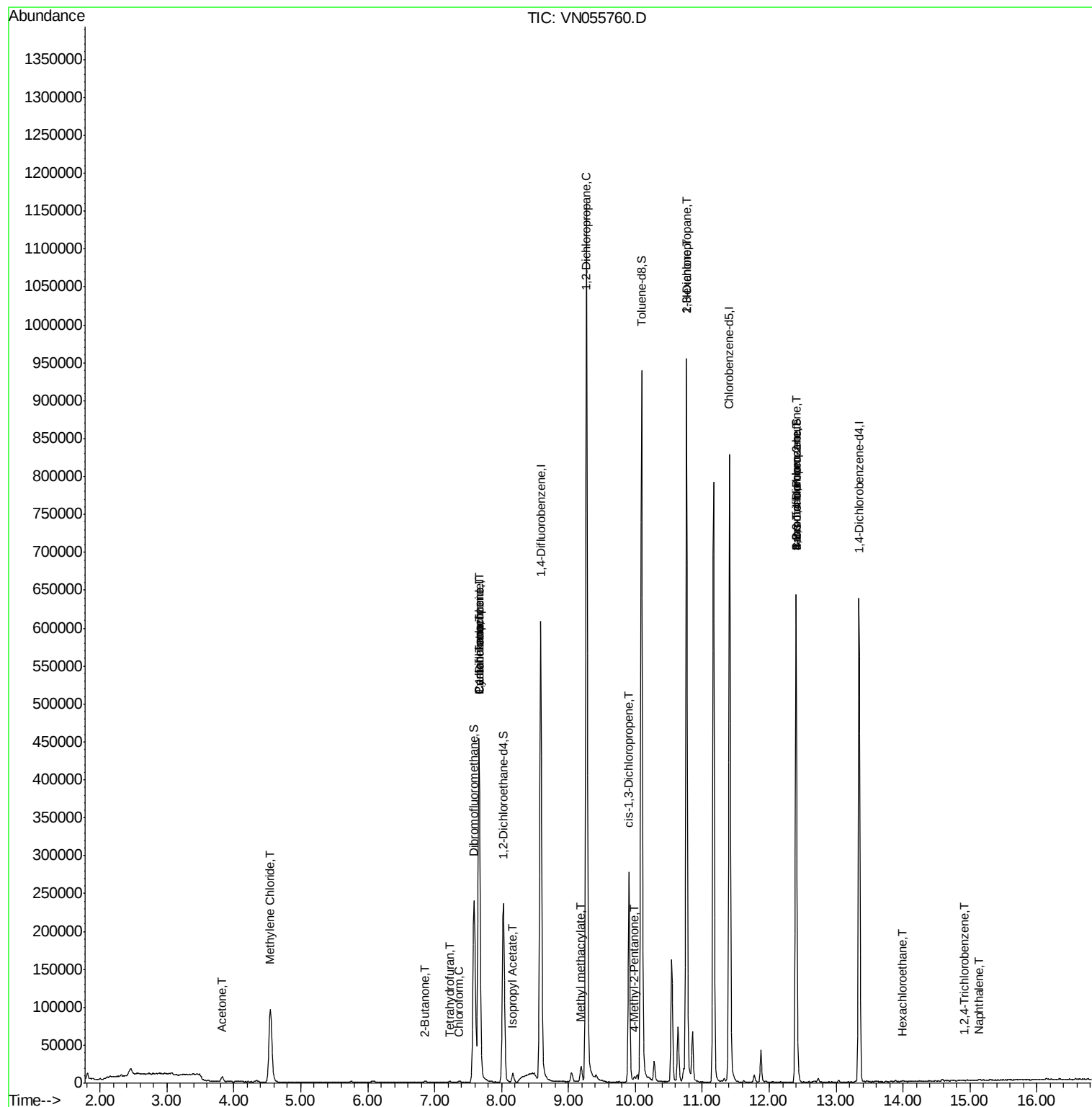
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|--------|----------|
| 1) Pentafluorobenzene          | 7.66   | 168  | 438786   | 50.00     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.59   | 114  | 606585   | 50.00     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5           | 11.41  | 117  | 532448   | 50.00     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 13.34  | 152  | 192011   | 50.00     | ug/l   | 0.00     |
| System Monitoring Compounds    |        |      |          |           |        |          |
| 33) 1,2-Dichloroethane-d4      | 8.03   | 65   | 200248   | 44.19     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 88.38% |          |
| 35) Dibromofluoromethane       | 7.59   | 113  | 185295   | 48.32     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 96.64% |          |
| 50) Toluene-d8                 | 10.09  | 98   | 715480   | 48.64     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 97.28% |          |
| 62) 4-Bromofluorobenzene       | 12.40  | 95   | 226657   | 44.93     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 89.86% |          |
| Target Compounds               |        |      |          |           |        |          |
|                                |        |      |          |           | Qvalue |          |
| 16) Acetone                    | 3.82   | 43   | 10097    | 5.069     | ug/l   | 97       |
| 18) Methyl Acetate             | 4.33   | 43   | 4021     | Below Cal | #      | 85       |
| 20) Methylene Chloride         | 4.55   | 84   | 79241    | 18.369    | ug/l   | 97       |
| 25) 2-Butanone                 | 6.85   | 43   | 2535     | 0.911     | ug/l # | 47       |
| 29) Tetrahydrofuran            | 7.23   | 42   | 995      | 0.565     | ug/l # | 62       |
| 30) Chloroform                 | 7.37   | 83   | 1627     | 0.225     | ug/l   | 94       |
| 31) Cyclohexane                | 7.67   | 56   | 6167     | 0.907     | ug/l # | 1        |
| 36) 1,1-Dichloropropene        | 7.66   | 75   | 24331    | 4.603     | ug/l # | 49       |
| 38) Carbon Tetrachloride       | 7.67   | 117  | 34799    | 6.320     | ug/l # | 15       |
| 43) Isopropyl Acetate          | 8.17   | 43   | 14044    | 1.636     | ug/l # | 88       |
| 45) 1,2-Dichloropropane        | 9.27   | 63   | 1535     | 0.370     | ug/l # | 44       |
| 48) Methyl methacrylate        | 9.18   | 41   | 7899     | 1.997     | ug/l # | 12       |
| 51) 4-Methyl-2-Pentanone       | 9.98   | 43   | 4506     | 0.889     | ug/l   | 92       |
| 54) cis-1,3-Dichloropropene    | 9.90   | 75   | 54718    | 8.290     | ug/l # | 57       |
| 57) 1,3-Dichloropropane        | 10.76  | 76   | 10391    | 1.593     | ug/l # | 42       |
| 59) 2-Hexanone                 | 10.76  | 43   | 136788   | 38.033    | ug/l # | 50       |
| 71) Bromoform                  | 12.40  | 173  | 1515     | 0.418     | ug/l # | 1        |
| 73) Isopropylbenzene           | 12.26  | 105  | 258      | Below Cal | #      | 48       |
| 74) N-amyl acetate             | 12.22  | 43   | 420      | Below Cal | #      | 43       |
| 76) 1,2,3-Trichloropropane     | 12.40  | 75   | 104355   | 30.324    | ug/l # | 100      |
| 79) 2-Chlorotoluene            | 12.66  | 91   | 239      | Below Cal | #      | 39       |
| 80) 1,3,5-Trimethylbenzene     | 12.73  | 105  | 2595     | Below Cal |        | 96       |
| 81) trans-1,4-Dichloro-2-buten | 12.40  | 75   | 104355   | 73.125    | ug/l # | 15       |
| 83) tert-Butylbenzene          | 13.04  | 119  | 68       | Below Cal | #      | 1        |
| 84) 1,2,4-Trimethylbenzene     | 13.04  | 105  | 1980     | Below Cal |        | 87       |
| 85) sec-Butylbenzene           | 13.17  | 105  | 537      | Below Cal | #      | 55       |
| 90) Hexachloroethane           | 13.99  | 117  | 526      | 0.207     | ug/l # | 1        |
| 93) 1,2,4-Trichlorobenzene     | 14.91  | 180  | 238      | 3.696     | ug/l # | 78       |
| 95) Naphthalene                | 15.14  | 128  | 2469     | 0.278     | ug/l # | 83       |

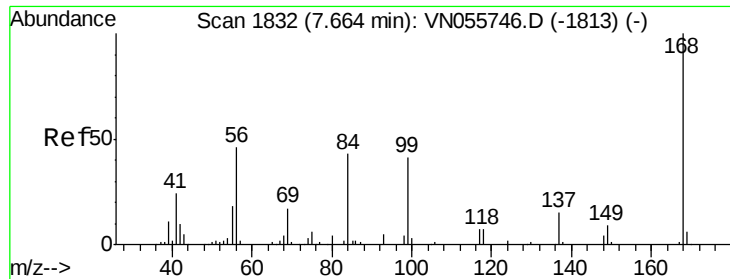
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052319\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N052319W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 24 06:41:54 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: VN055760.D

Acq: 23 May 2019 18:01

Instrument :

MSVOA\_N

ClientSampled :

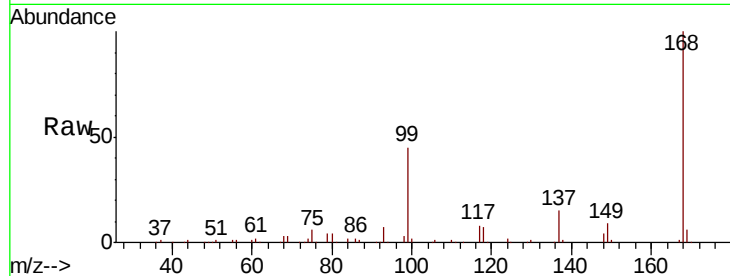
COMP-19

Tot Ion:168 Resp: 438786

Ion Ratio Lower Upper

168 100

99 45.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055760.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055760.D (-1739) (-)

7.66

200000

150000

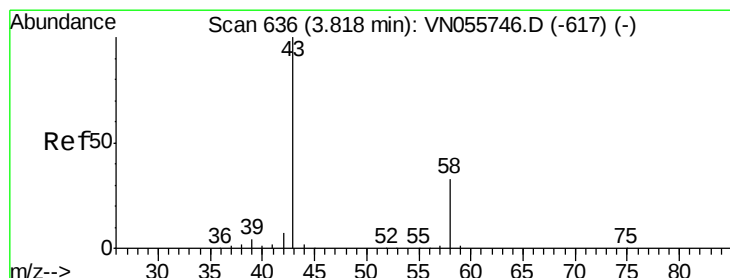
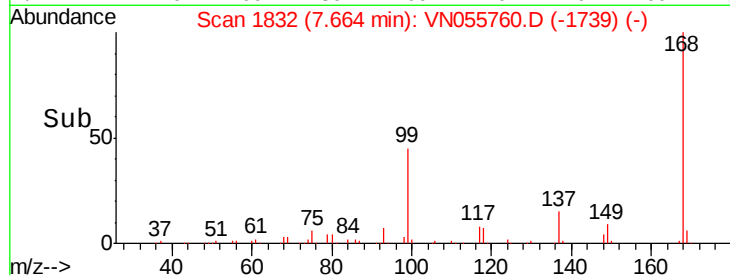
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.069 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055760.D

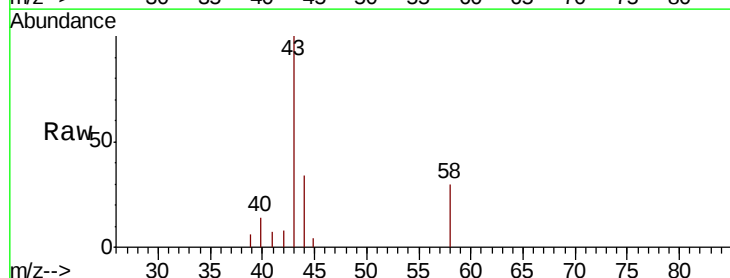
Acq: 23 May 2019 18:01

Tgt Ion: 43 Resp: 10097

Ion Ratio Lower Upper

43 100

58 31.5 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055760.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055760.D (-543) (-)

3.82

5000

4000

3000

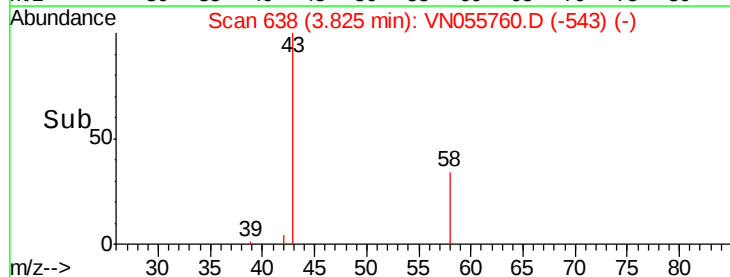
2000

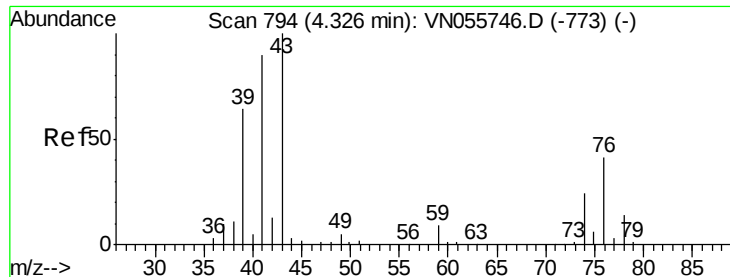
1000

0

3.75 3.80 3.85 3.90

Time-->

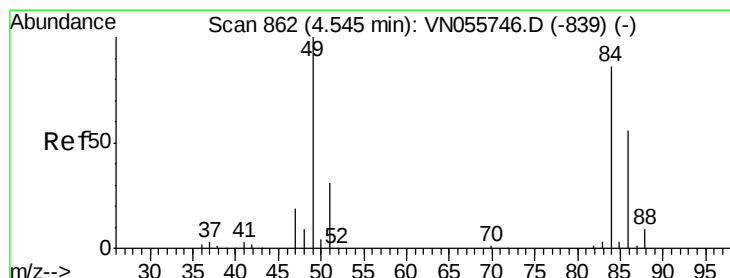
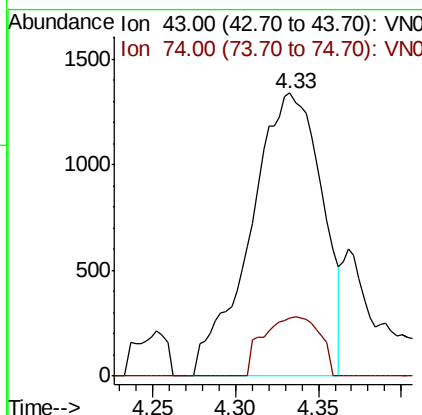
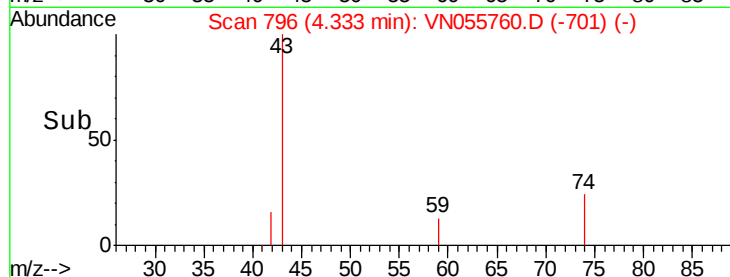
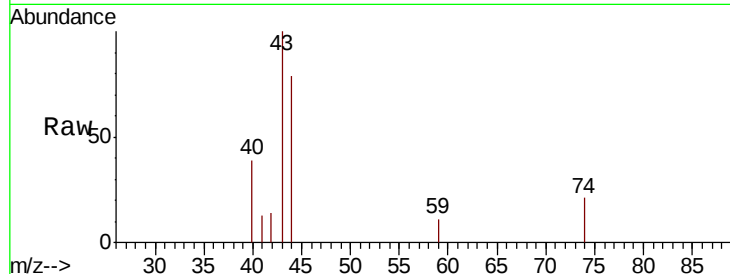




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.33 min Scan# 796  
Delta R.T. 0.01 min  
Lab File: VN055760.D  
Acq: 23 May 2019 18:01

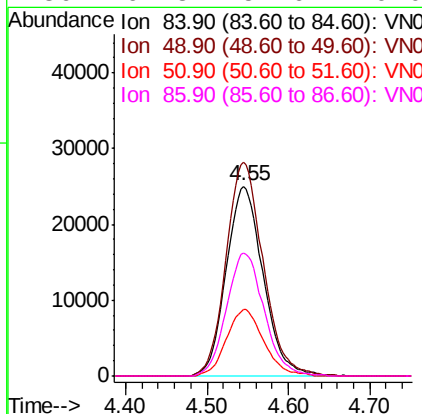
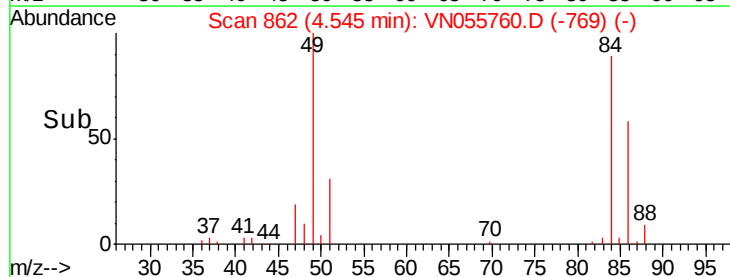
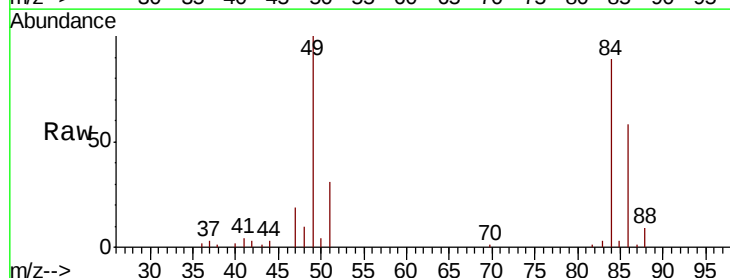
Instrument :  
MSVOA\_N  
ClientSampled :  
COMP-19

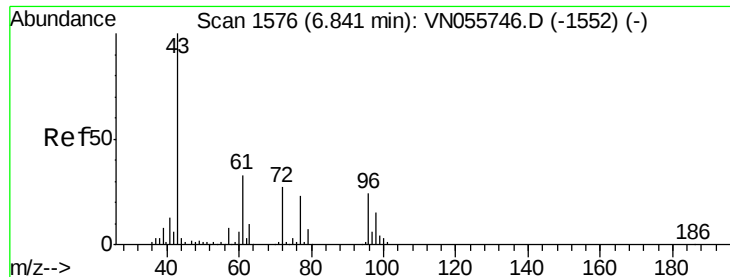
Tot Ion: 43 Resp: 4021  
Ion Ratio Lower Upper  
43 100  
74 16.5 19.3 28.9#



#20  
Methylene Chloride  
Concen: 18.369 ug/l  
RT: 4.55 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: VN055760.D  
Acq: 23 May 2019 18:01

Tgt Ion: 84 Resp: 79241  
Ion Ratio Lower Upper  
84 100  
49 112.4 93.5 140.3  
51 34.8 28.6 43.0  
86 64.8 52.6 79.0





#25

2-Butanone

Concen: 0.911 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN055760.D

Acq: 23 May 2019 18:01

Instrument :

MSVOA\_N

ClientSampled :

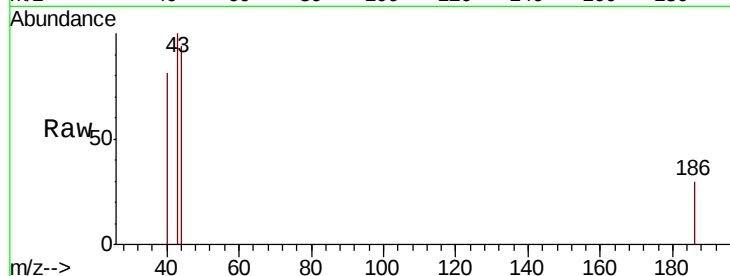
COMP-19

Tot Ion: 43 Resp: 2535

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

800

600

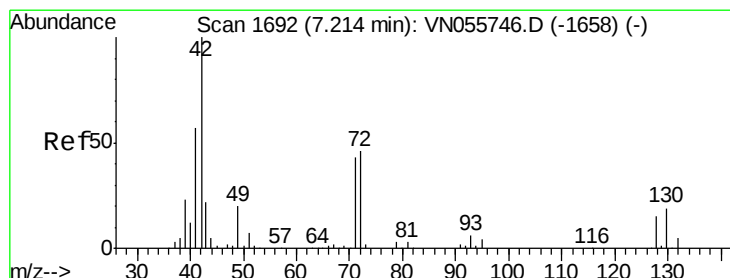
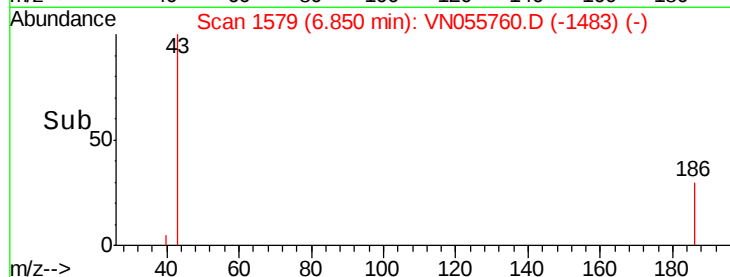
400

200

0

6.80 6.85 6.90

Time-->



#29

Tetrahydrofuran

Concen: 0.565 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.02 min

Lab File: VN055760.D

Acq: 23 May 2019 18:01

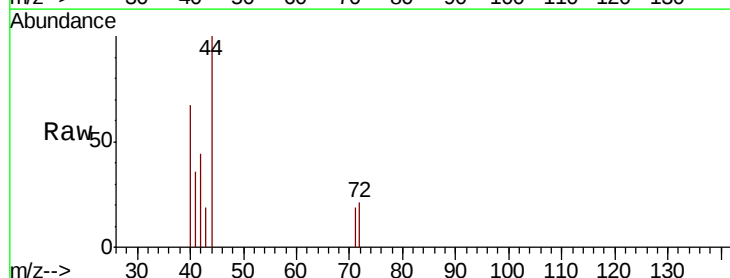
Tgt Ion: 42 Resp: 995

Ion Ratio Lower Upper

42 100

72 23.2 35.9 53.9#

71 15.7 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

500

400

300

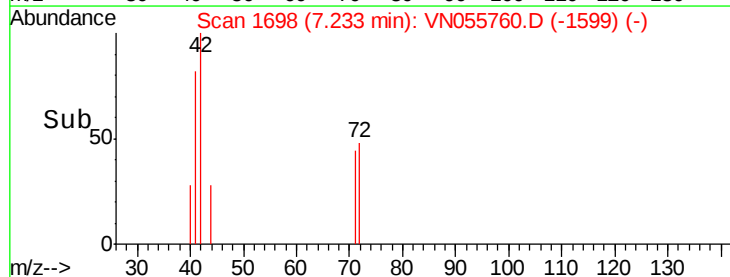
200

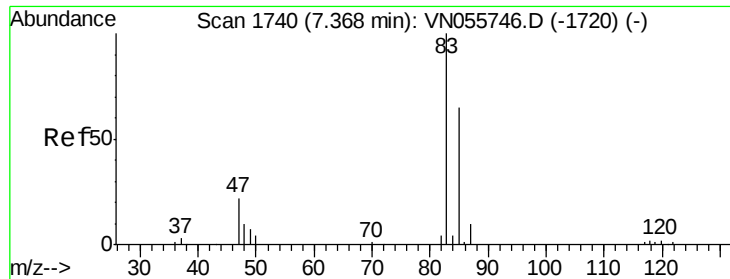
100

0

7.20 7.23 7.25

Time-->

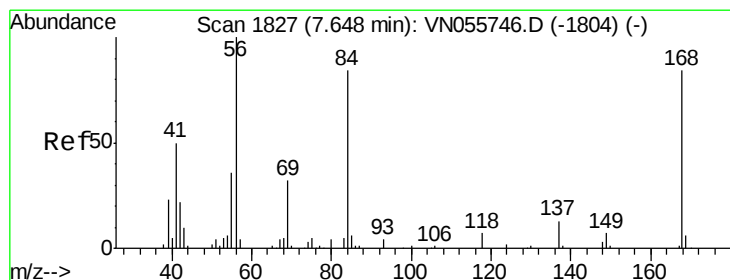
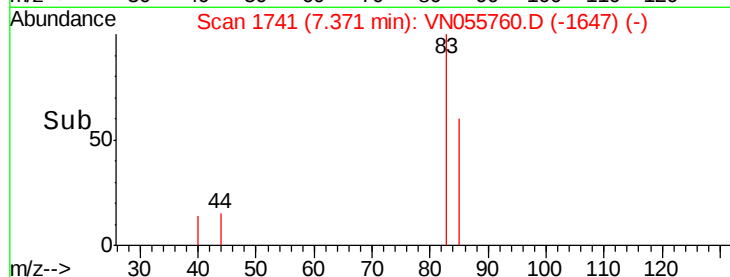
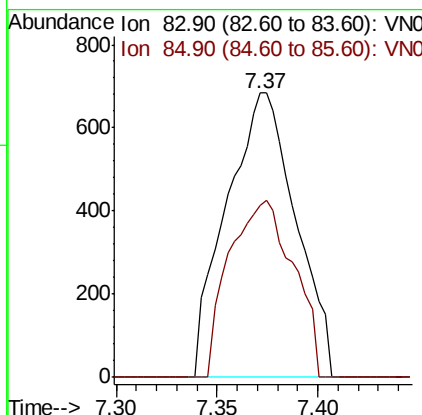
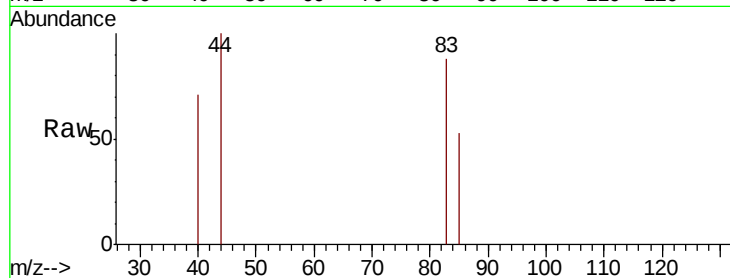




#30  
Chloroform  
Concen: 0.225 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN055760.D  
Acq: 23 May 2019 18:01

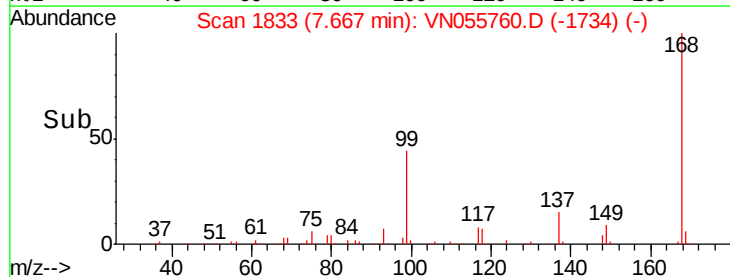
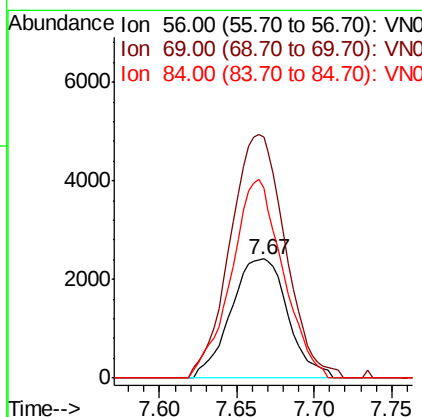
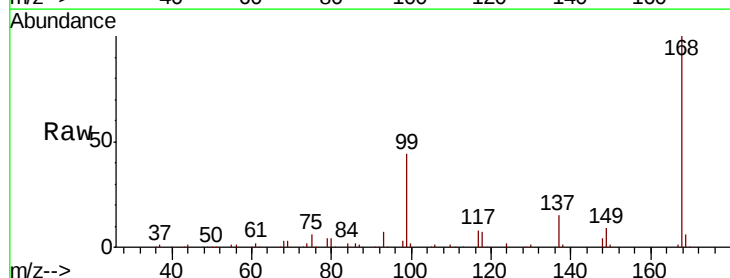
Instrument :  
MSVOA\_N  
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COMP-19

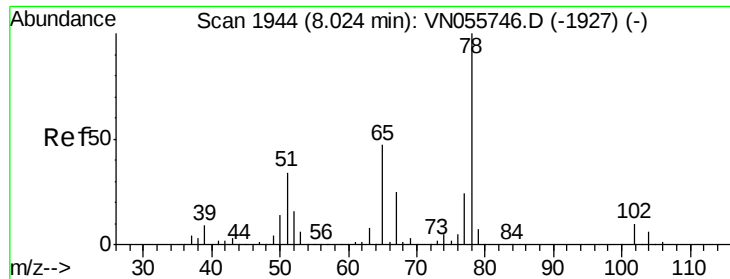
Tot Ion: 83 Resp: 1627  
Ion Ratio Lower Upper  
83 100  
85 60.3 51.8 77.8



#31  
Cyclohexane  
Concen: 0.907 ug/l  
RT: 7.67 min Scan# 1833  
Delta R.T. 0.02 min  
Lab File: VN055760.D  
Acq: 23 May 2019 18:01

Tgt Ion: 56 Resp: 6167  
Ion Ratio Lower Upper  
56 100  
69 201.9 25.6 38.4#  
84 158.9 67.4 101.0#

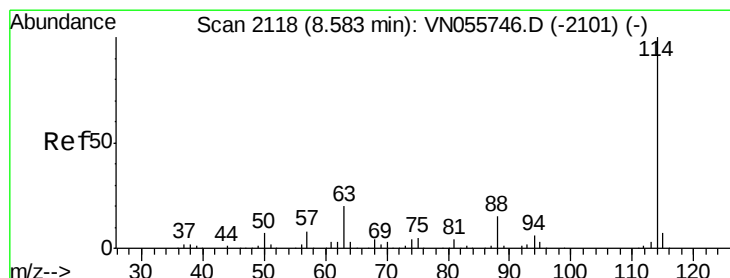
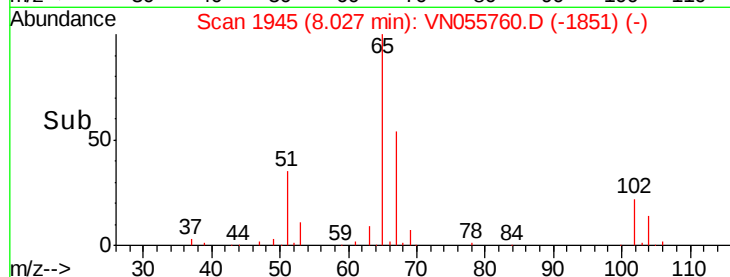
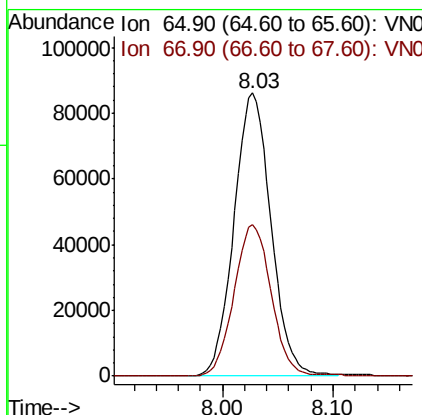
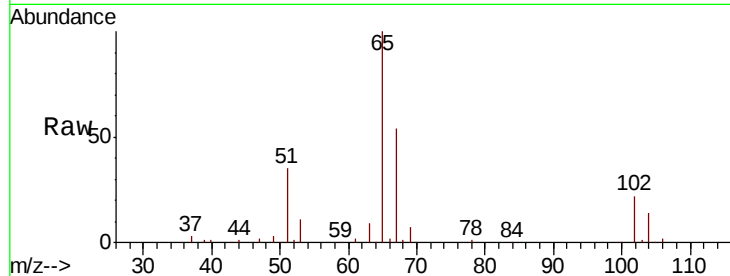




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.191 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN055760.D  
 Acq: 23 May 2019 18:01

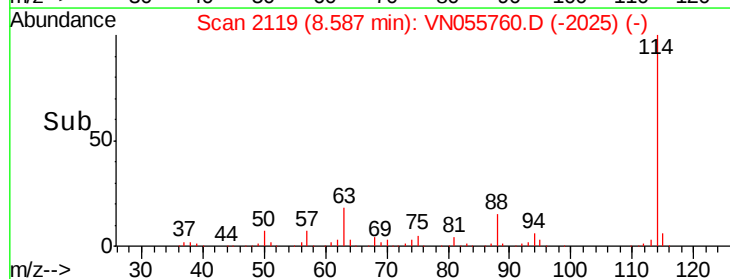
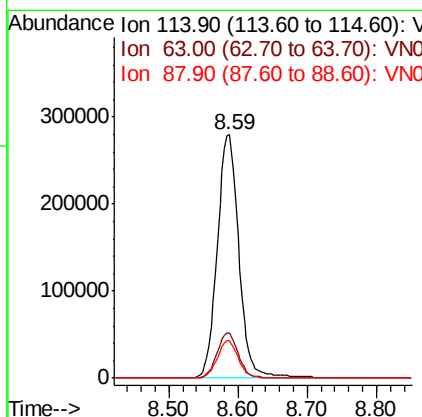
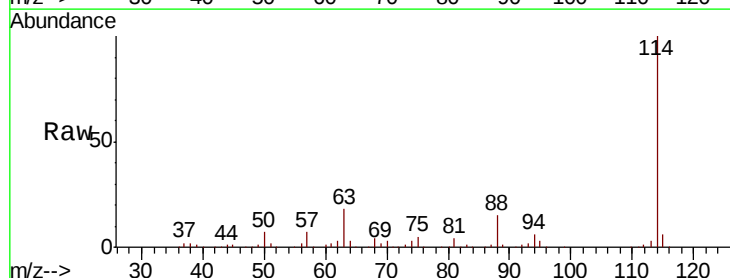
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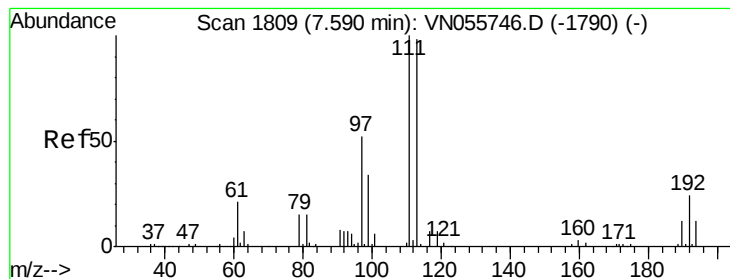
Tot Ion: 65 Resp: 200248  
 Ion Ratio Lower Upper  
 65 100  
 67 53.9 0.0 109.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN055760.D  
 Acq: 23 May 2019 18:01

Tgt Ion: 114 Resp: 606585  
 Ion Ratio Lower Upper  
 114 100  
 63 18.5 0.0 39.2  
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.316 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055760.D

Acq: 23 May 2019 18:01

Instrument :

MSVOA\_N

ClientSampleId :

COMP-19

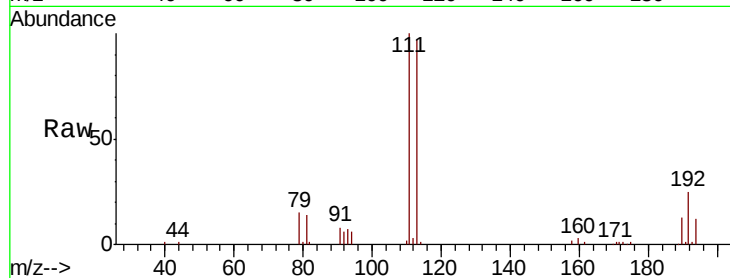
Tot Ion:113 Resp: 185295

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

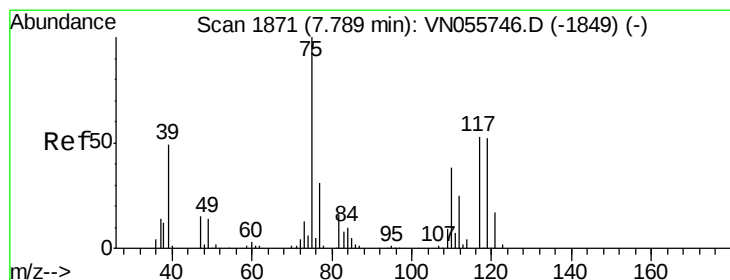
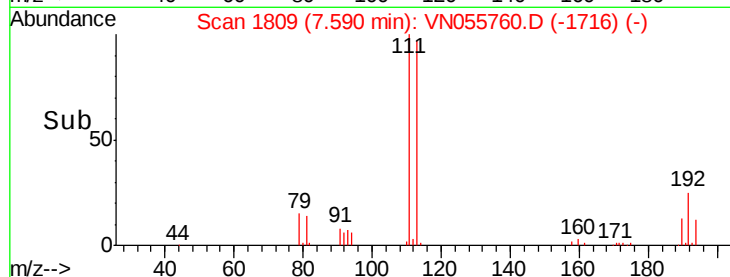
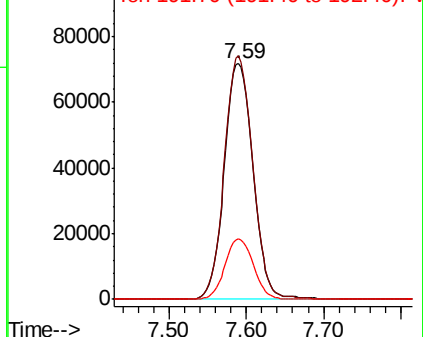
192 25.2 19.5 29.3



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: 4.603 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055760.D

Acq: 23 May 2019 18:01

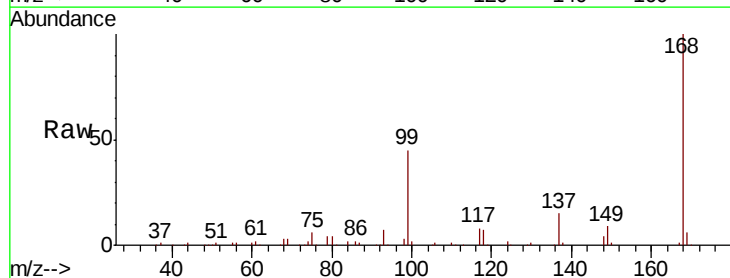
Tgt Ion: 75 Resp: 24331

Ion Ratio Lower Upper

75 100

110 10.0 19.0 57.0#

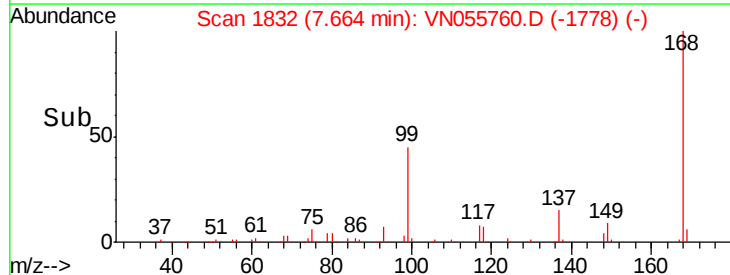
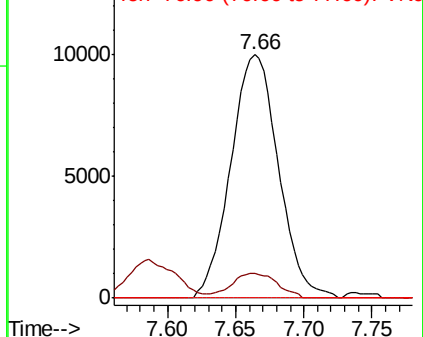
77 0.0 25.1 37.7#

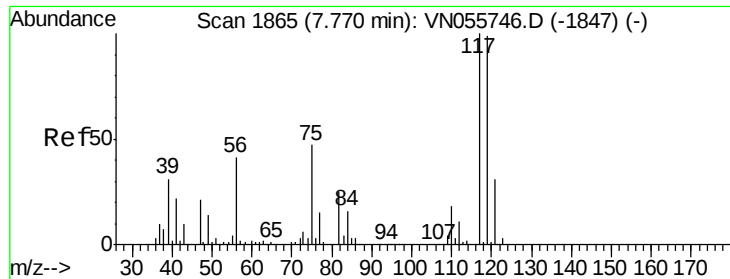


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

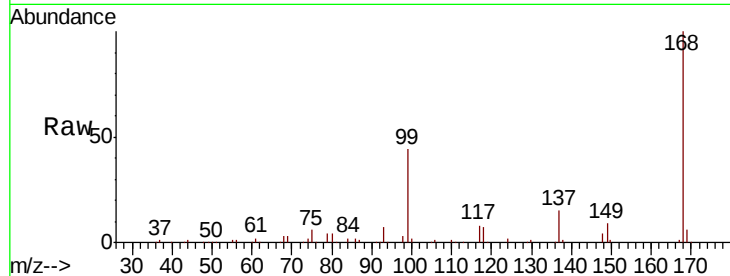




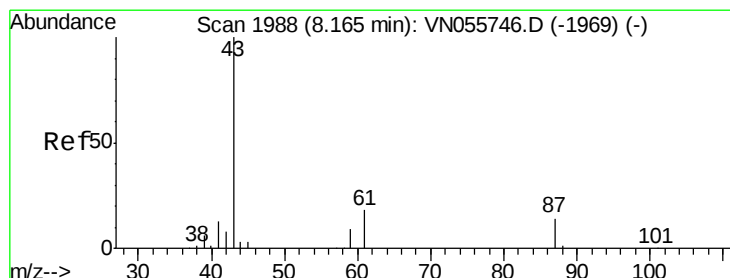
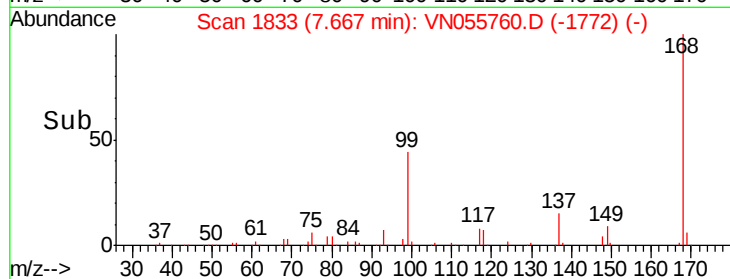
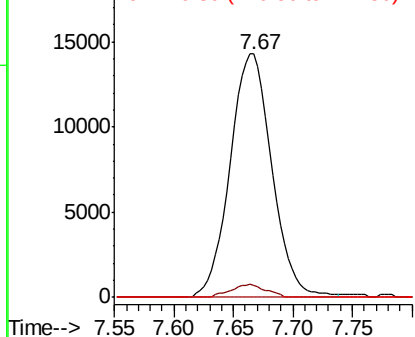
#38  
Carbon Tetrachloride  
Concen: 6.320 ug/l  
RT: 7.67 min Scan# 1833  
Delta R.T. -0.10 min  
Lab File: VN055760.D  
Acq: 23 May 2019 18:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-19

Tot Ion:117 Resp: 34799  
Ion Ratio Lower Upper  
117 100  
119 5.1 79.0 118.6#  
121 0.0 24.7 37.1#

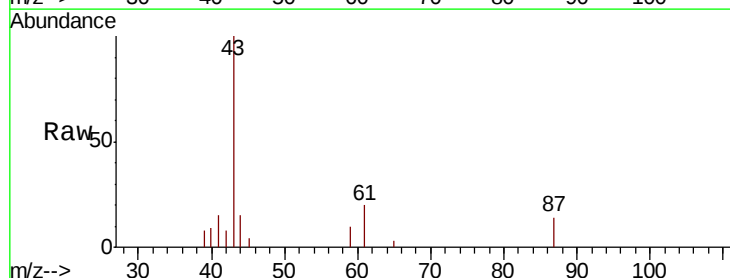


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

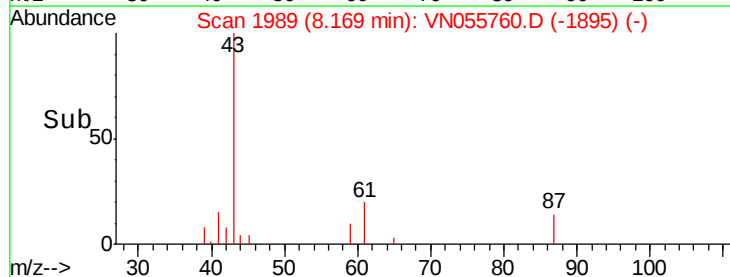
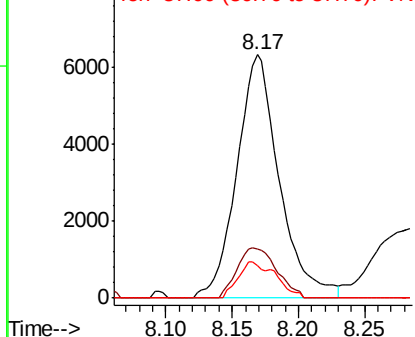


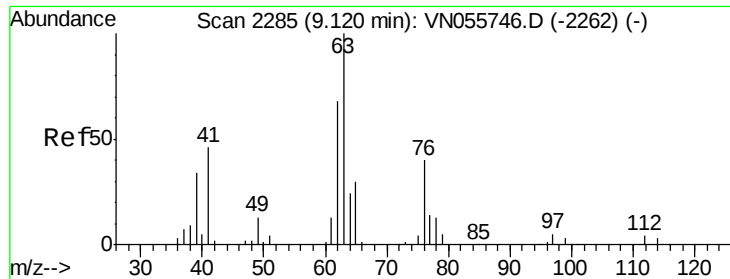
#43  
Isopropyl Acetate  
Concen: 1.636 ug/l  
RT: 8.17 min Scan# 1989  
Delta R.T. 0.00 min  
Lab File: VN055760.D  
Acq: 23 May 2019 18:01

Tgt Ion: 43 Resp: 14044  
Ion Ratio Lower Upper  
43 100  
61 19.3 22.2 33.4#  
87 13.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): V  
Ion 61.00 (60.70 to 61.70): V  
Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.370 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055760.D

Acq: 23 May 2019 18:01

Instrument :

MSVOA\_N

ClientSampled :

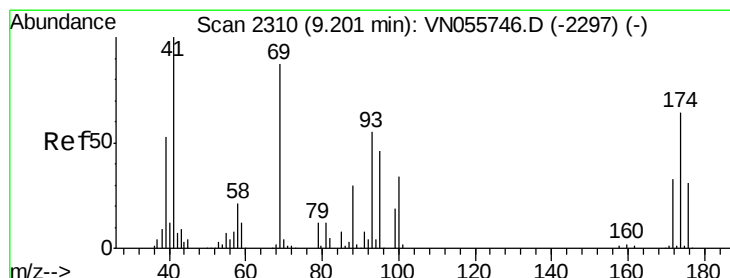
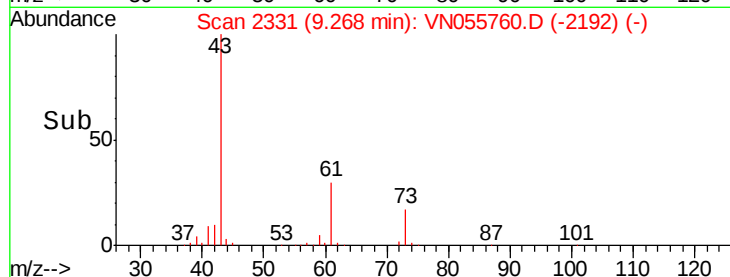
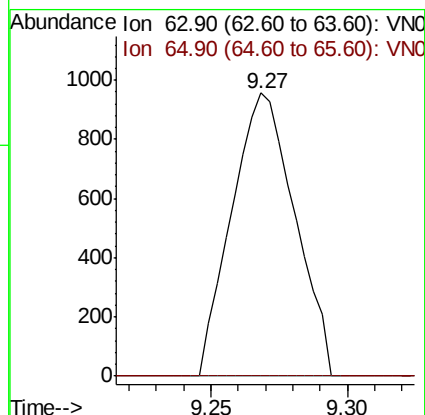
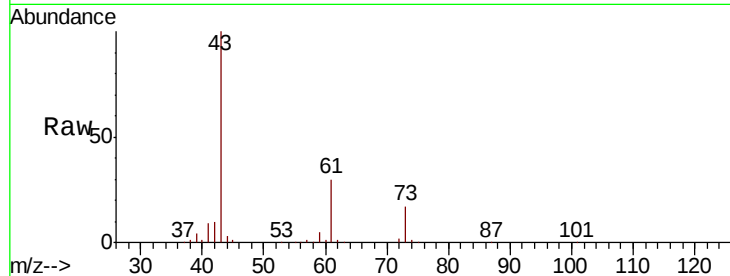
COMP-19

Tot Ion: 63 Resp: 1535

Ion Ratio Lower Upper

63 100

65 0.0 24.6 36.8#



#48

Methyl methacrylate

Concen: 1.997 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN055760.D

Acq: 23 May 2019 18:01

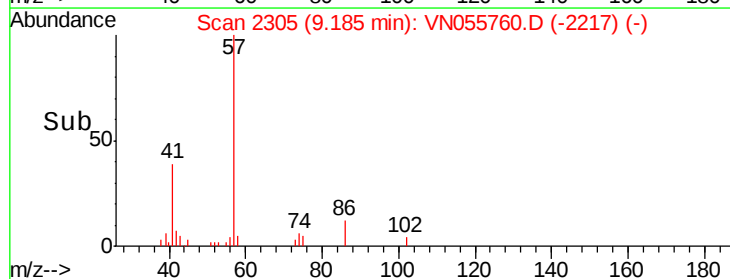
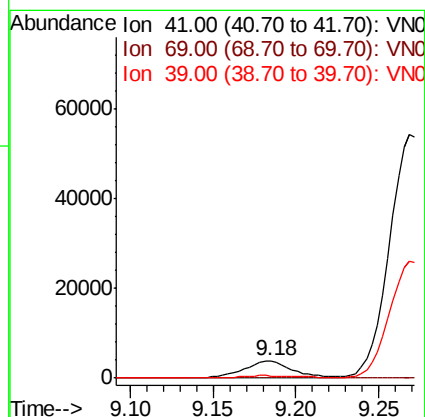
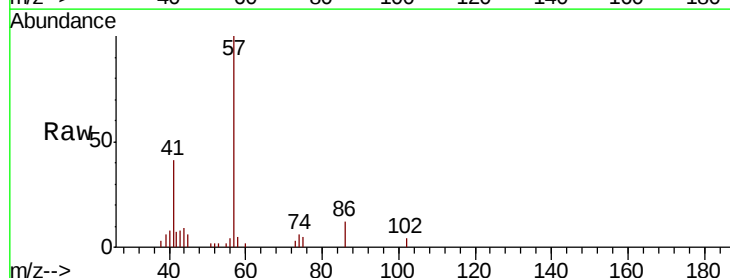
Tgt Ion: 41 Resp: 7899

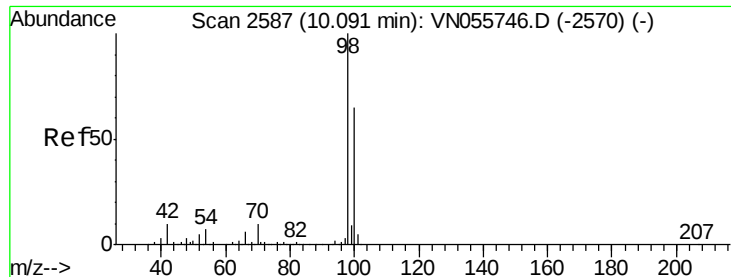
Ion Ratio Lower Upper

41 100

69 0.0 71.0 106.6#

39 0.0 44.2 66.2#





#50

Toluene-d8

Concen: 48.636 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055760.D

Acq: 23 May 2019 18:01

Instrument :

MSVOA\_N

ClientSampled :

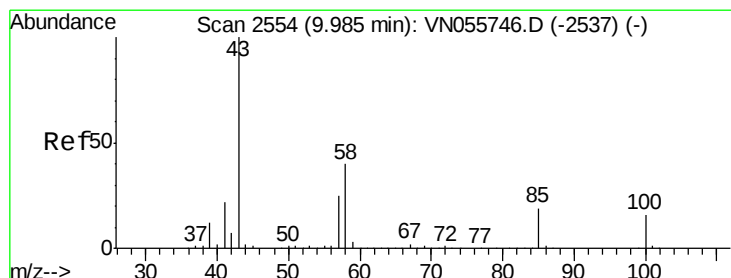
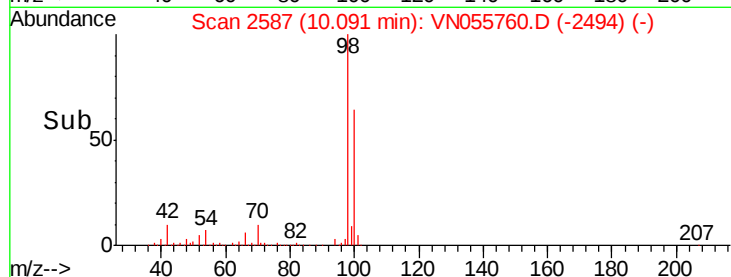
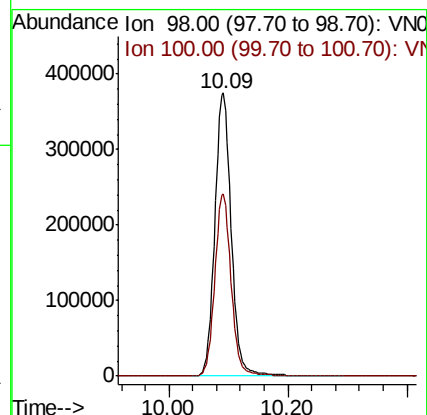
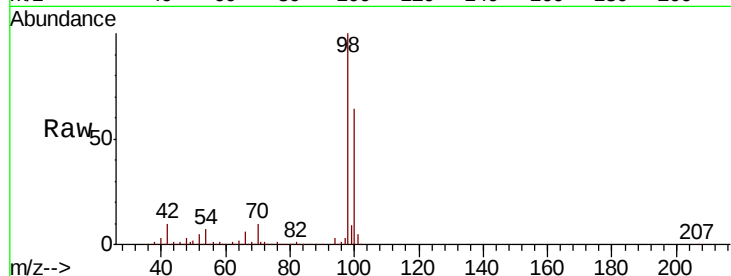
COMP-19

Tot Ion: 98 Resp: 715480

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.889 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055760.D

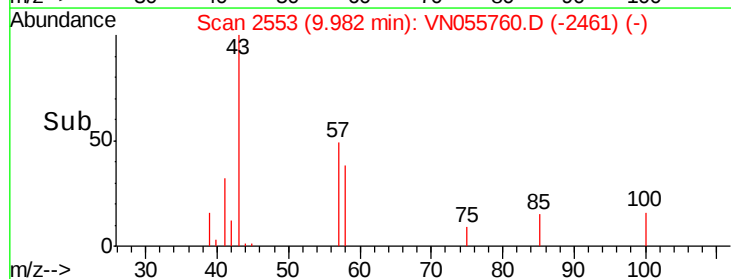
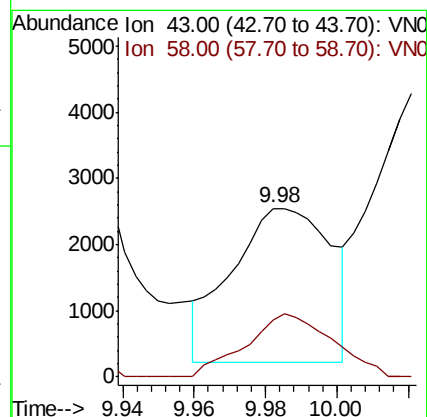
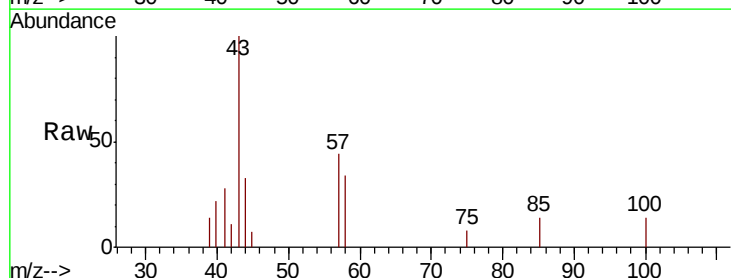
Acq: 23 May 2019 18:01

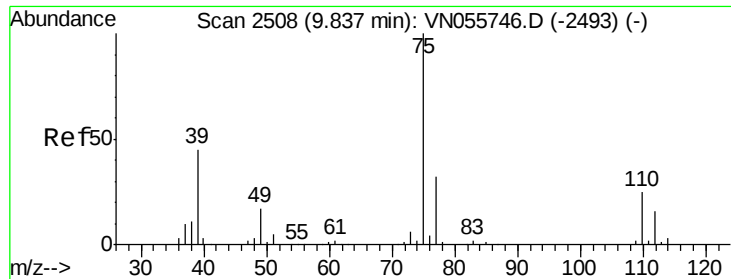
Tgt Ion: 43 Resp: 4506

Ion Ratio Lower Upper

43 100

58 35.4 32.1 48.1



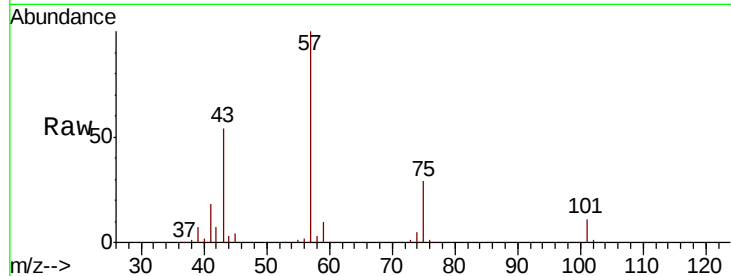


#54

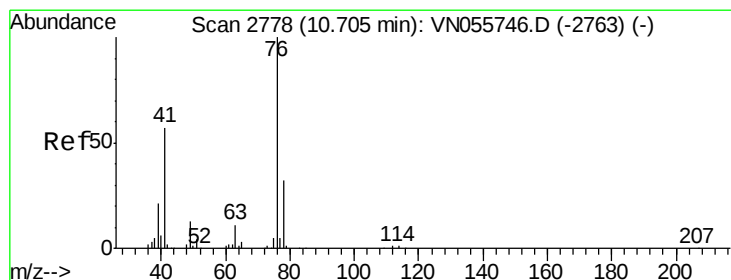
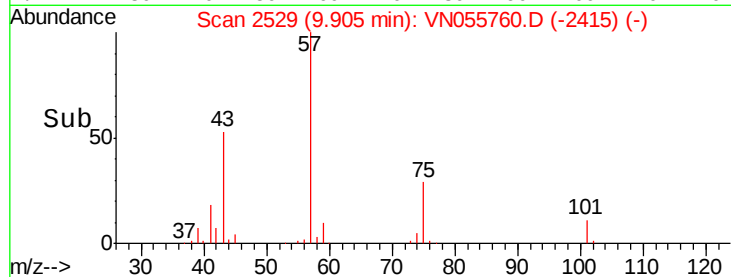
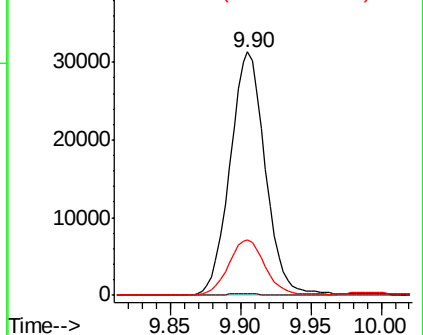
cis-1,3-Dichloropropene  
 Concen: 8.290 ug/l  
 RT: 9.90 min Scan# 2529  
 Delta R.T. 0.07 min  
 Lab File: VN055760.D  
 Acq: 23 May 2019 18:01

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 COMP-19

Tot Ion: 75 Resp: 54718  
 Ion Ratio Lower Upper  
 75 100  
 77 0.7 25.4 38.0#  
 39 22.9 36.3 54.5#



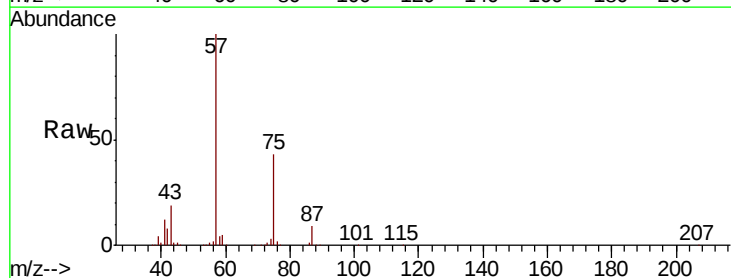
Abundance Ion 74.90 (74.60 to 75.60): VN0  
 Ion 76.90 (76.60 to 77.60): VN0  
 Ion 39.00 (38.70 to 39.70): VN0



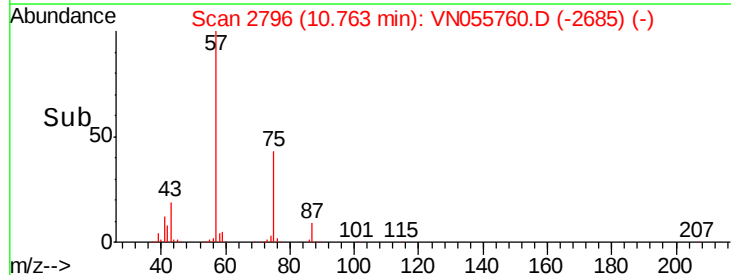
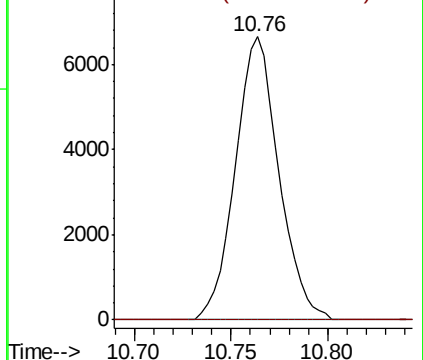
#57

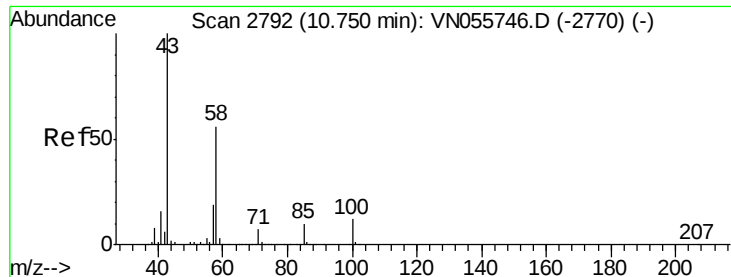
1,3-Dichloropropane  
 Concen: 1.593 ug/l  
 RT: 10.76 min Scan# 2796  
 Delta R.T. 0.06 min  
 Lab File: VN055760.D  
 Acq: 23 May 2019 18:01

Tgt Ion: 76 Resp: 10391  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0  
 Ion 77.90 (77.60 to 78.60): VN0

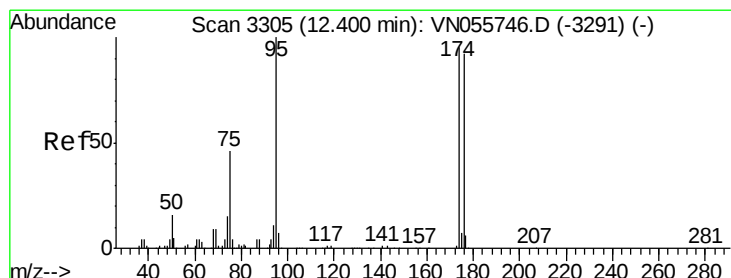
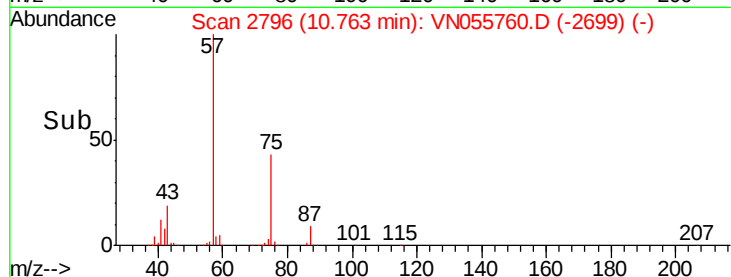
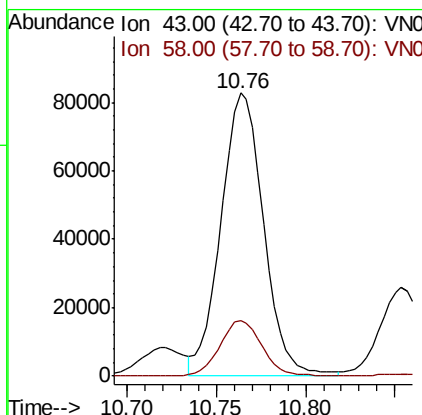
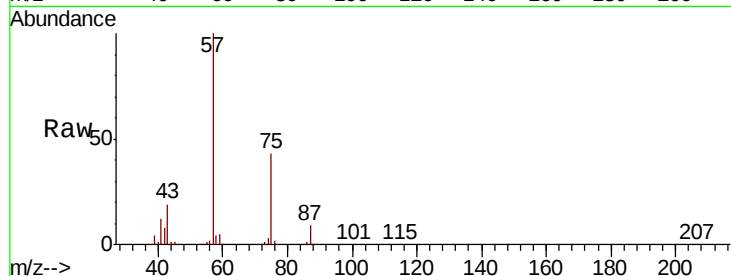




#59  
2-Hexanone  
Concen: 38.033 ug/l  
RT: 10.76 min Scan# 2796  
Delta R.T. 0.01 min  
Lab File: VN055760.D  
Acq: 23 May 2019 18:01

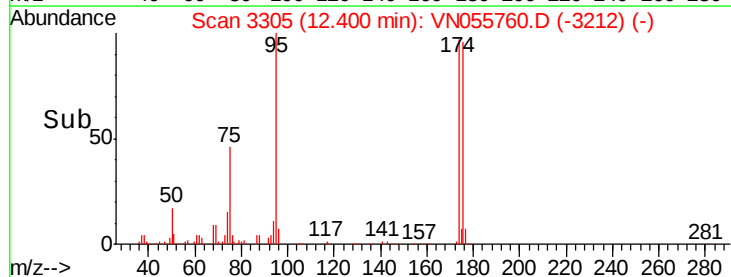
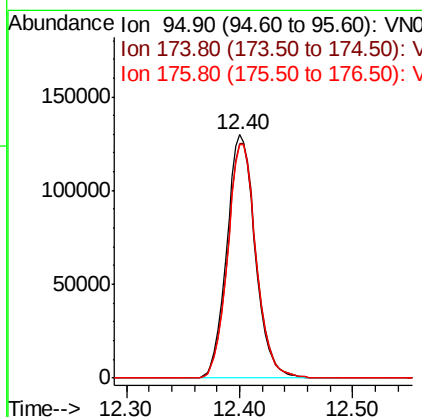
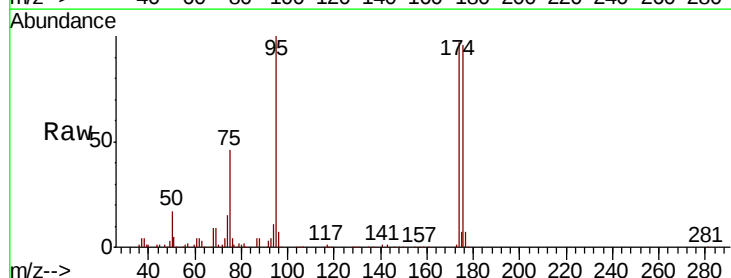
Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-19

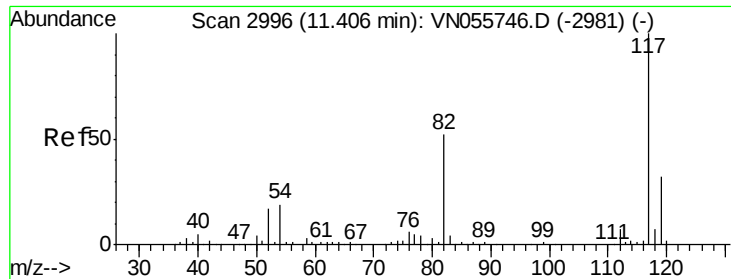
Tot Ion: 43 Resp: 136788  
Ion Ratio Lower Upper  
43 100  
58 19.7 28.2 84.7#



#62  
4-Bromofluorobenzene  
Concen: 44.934 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.00 min  
Lab File: VN055760.D  
Acq: 23 May 2019 18:01

Tgt Ion: 95 Resp: 226657  
Ion Ratio Lower Upper  
95 100  
174 97.5 0.0 191.0  
176 95.9 0.0 185.2

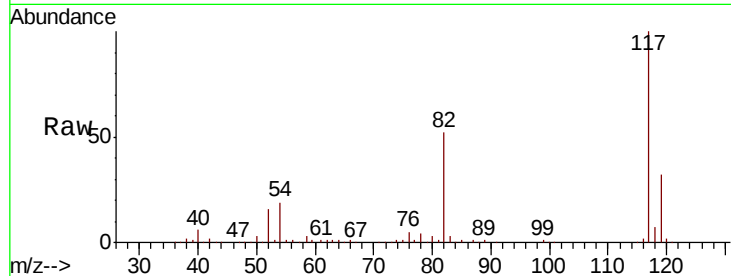




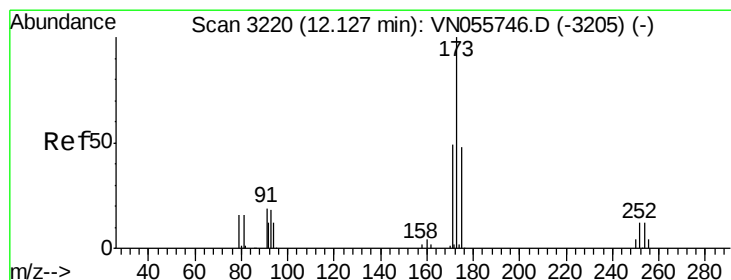
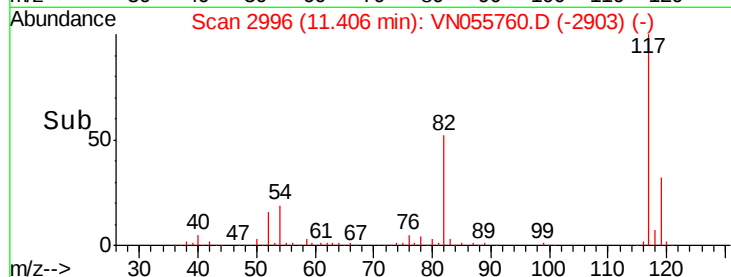
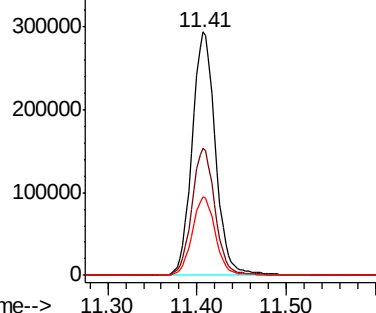
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN055760.D  
Acq: 23 May 2019 18:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-19

Tot Ion:117 Resp: 532448  
Ion Ratio Lower Upper  
117 100  
82 52.5 41.8 62.8  
119 32.3 25.4 38.0

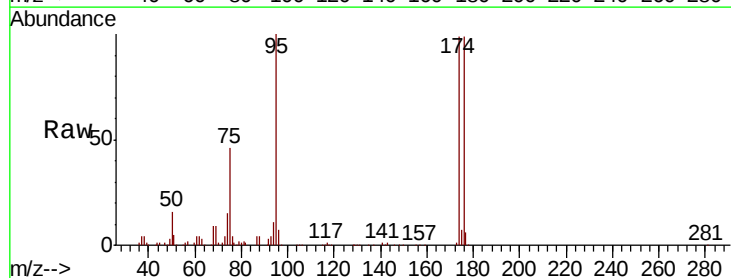


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

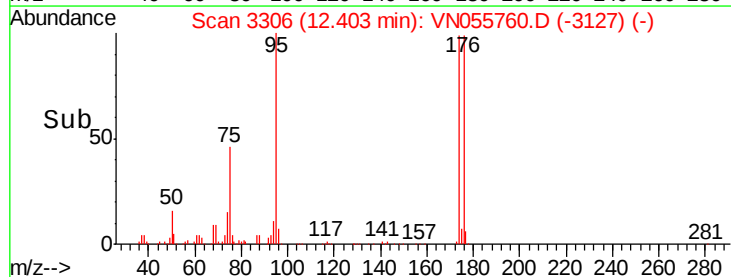
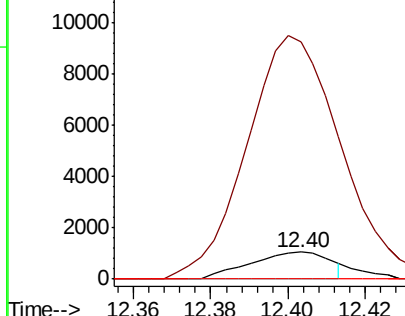


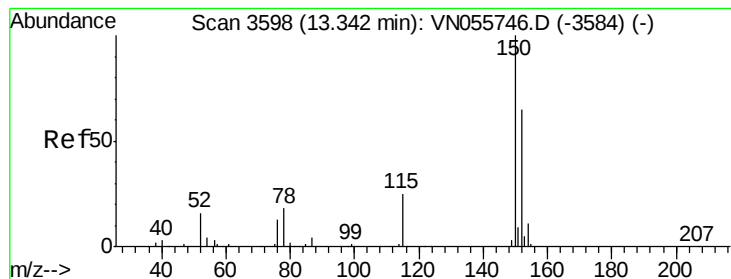
#71  
Bromoform  
Concen: 0.418 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.28 min  
Lab File: VN055760.D  
Acq: 23 May 2019 18:01

Tgt Ion:173 Resp: 1515  
Ion Ratio Lower Upper  
173 100  
175 916.5 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: VN055760.D

Acq: 23 May 2019 18:01

Instrument :

MSVOA\_N

ClientSampleId :

COMP-19

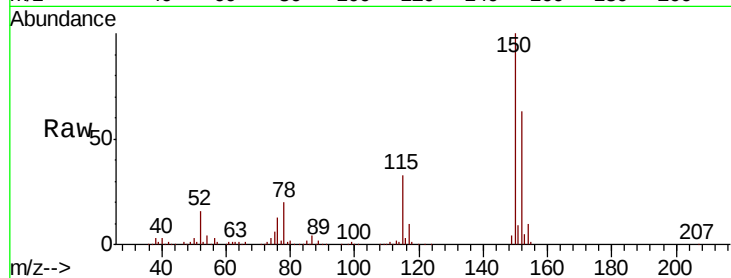
Tot Ion:152 Resp: 192011

Ion Ratio Lower Upper

152 100

115 52.9 27.0 81.0

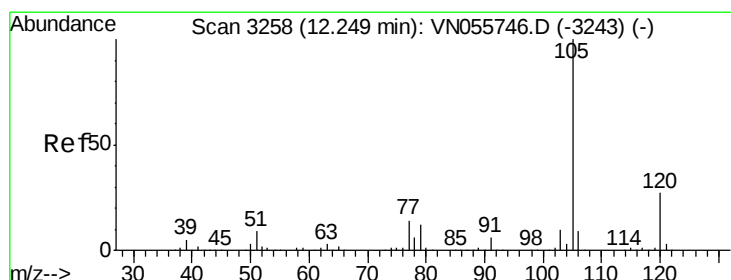
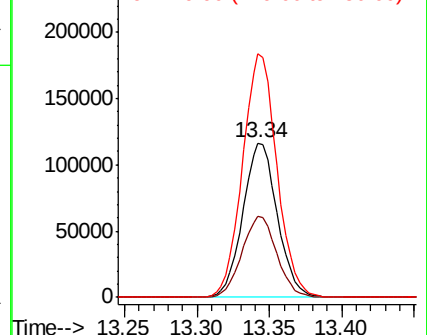
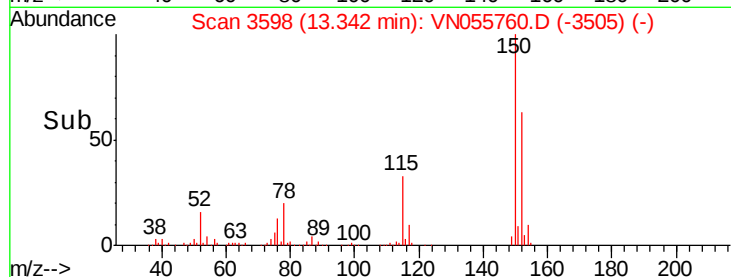
150 157.8 0.0 343.2



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: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN055760.D

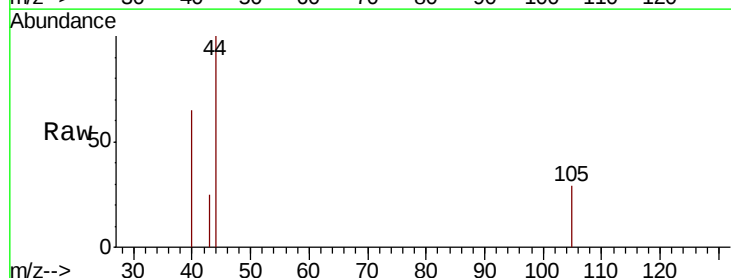
Acq: 23 May 2019 18:01

Tgt Ion:105 Resp: 258

Ion Ratio Lower Upper

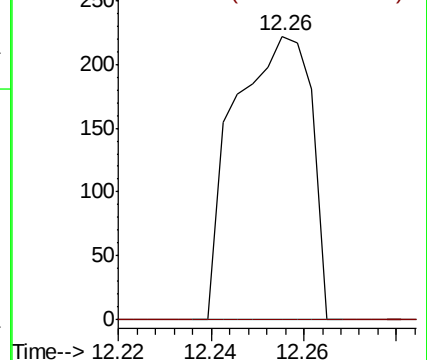
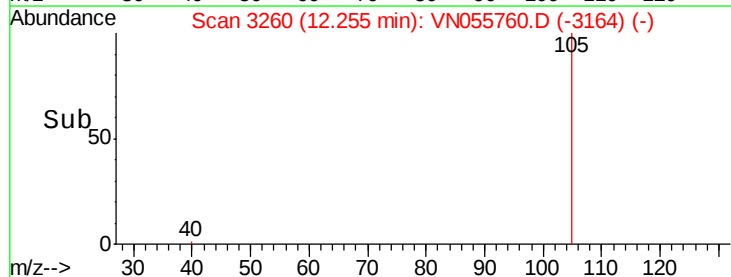
105 100

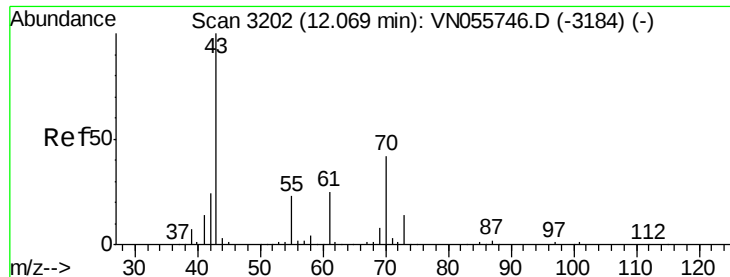
120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: Below Cal

RT: 12.22 min Scan# 3249

Delta R.T. 0.15 min

Lab File: VN055760.D

Acq: 23 May 2019 18:01

Instrument :

MSVOA\_N

ClientSampled :

COMP-19

Tot Ion: 43 Resp: 420

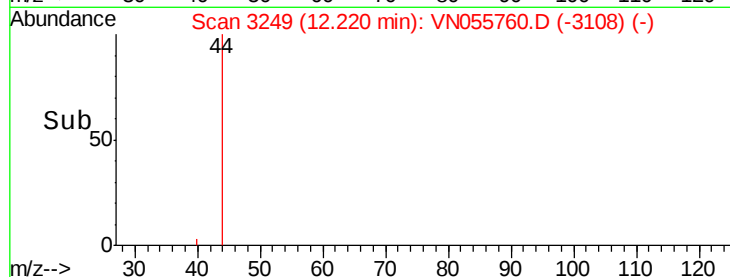
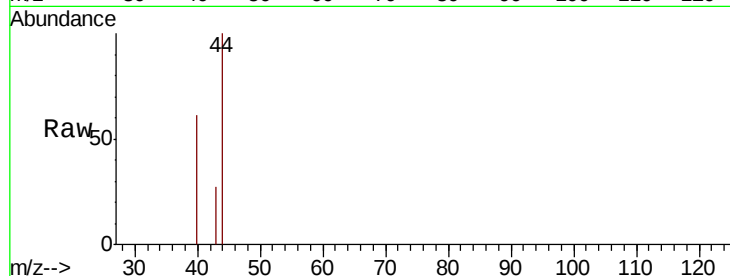
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#

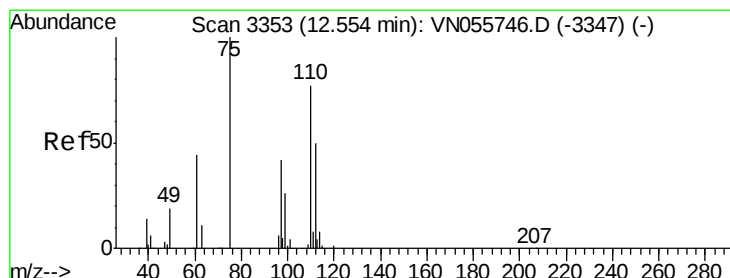
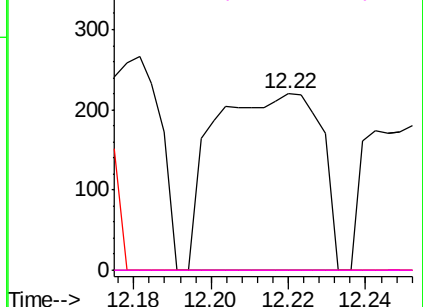


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 30.324 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055760.D

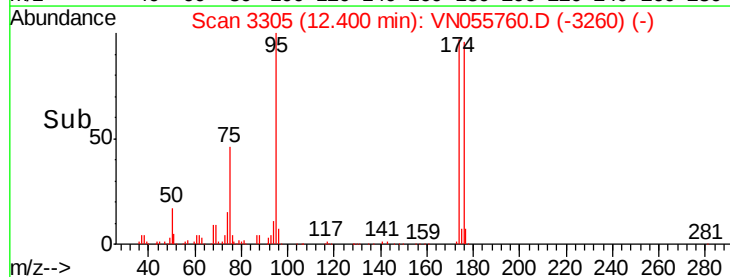
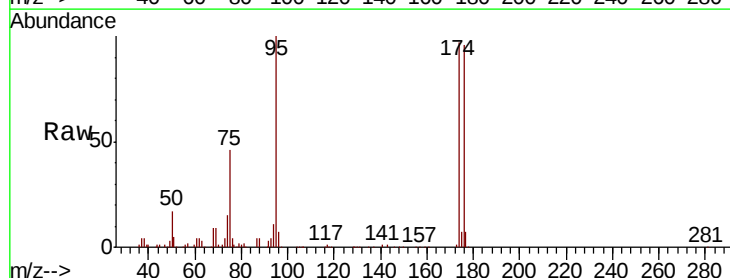
Acq: 23 May 2019 18:01

Tgt Ion: 75 Resp: 104355

Ion Ratio Lower Upper

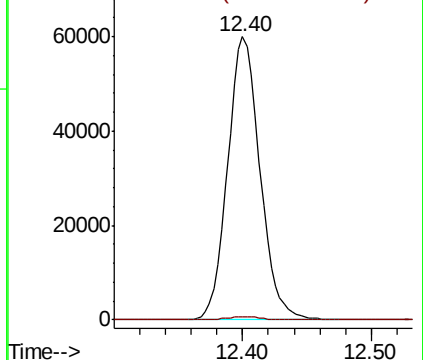
75 100

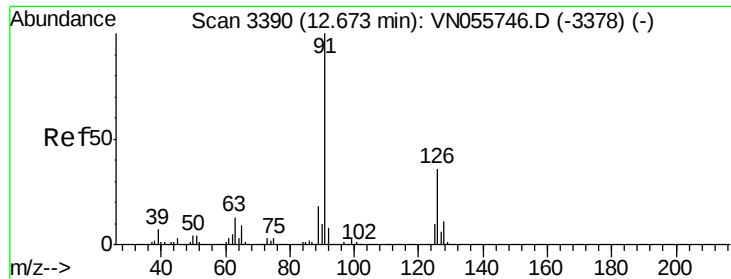
77 1.2 0.0 0.0#



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: 12.66 min Scan# 3387

Delta R.T. -0.01 min

Lab File: VN055760.D

Acq: 23 May 2019 18:01

Instrument :

MSVOA\_N

ClientSampled :

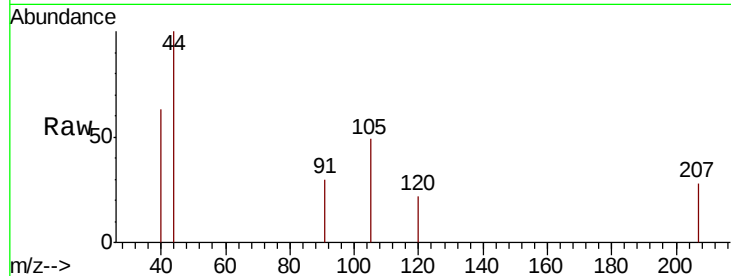
COMP-19

Tot Ion: 91 Resp: 239

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN055760.D (-3387) (-)

Ion 125.90 (125.60 to 126.60): VN055760.D (-3387) (-)

12.66

250

200

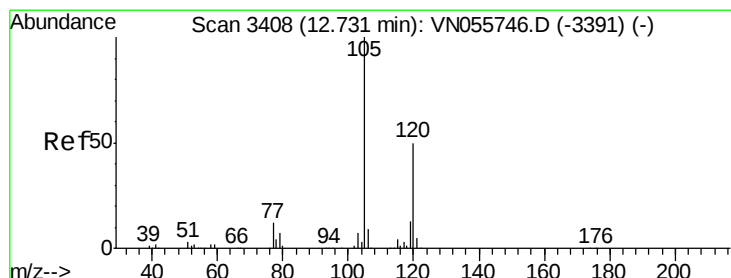
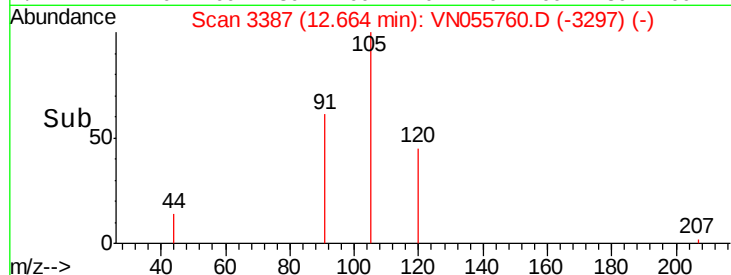
150

100

50

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055760.D

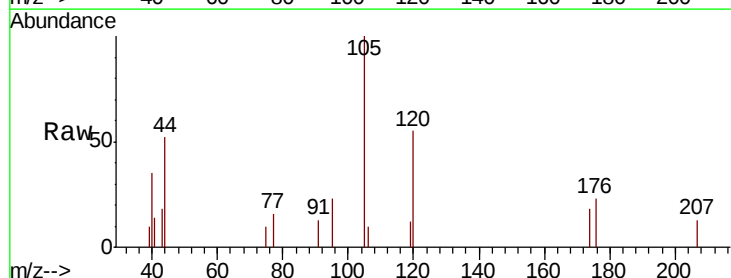
Acq: 23 May 2019 18:01

Tgt Ion: 105 Resp: 2595

Ion Ratio Lower Upper

105 100

120 51.9 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055760.D (-3408) (-)

Ion 120.00 (119.70 to 120.70): VN055760.D (-3408) (-)

12.73

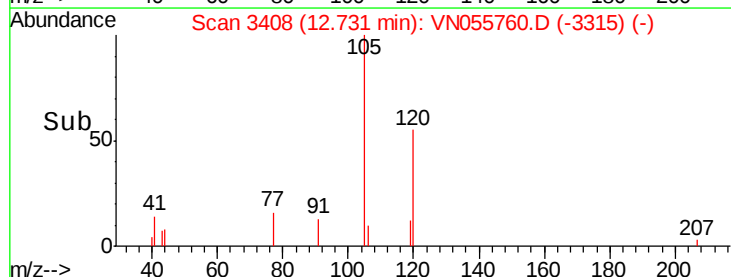
1500

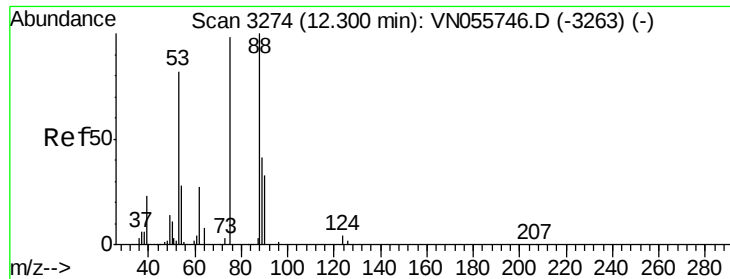
1000

500

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 73.125 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055760.D

Acq: 23 May 2019 18:01

Instrument :

MSVOA\_N

ClientSampled :

COMP-19

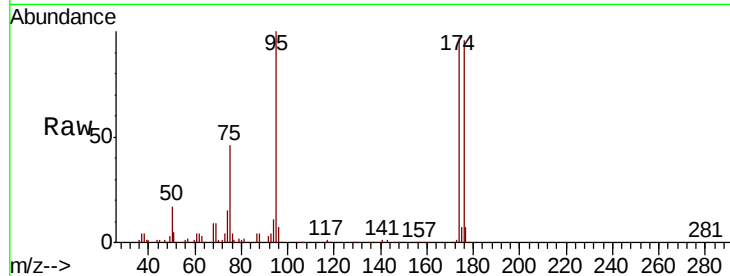
Tot Ion: 75 Resp: 104355

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

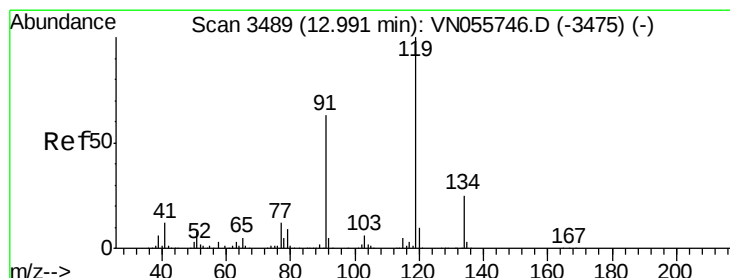
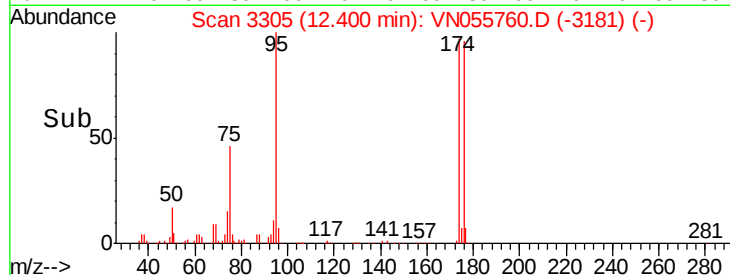
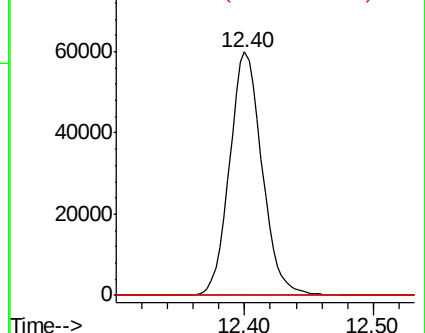
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055760.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN055760.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN055760.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN055760.D

Acq: 23 May 2019 18:01

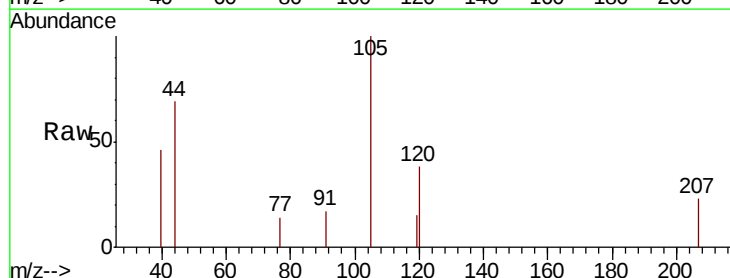
Tgt Ion: 119 Resp: 68

Ion Ratio Lower Upper

119 100

91 202.9 30.9 92.8#

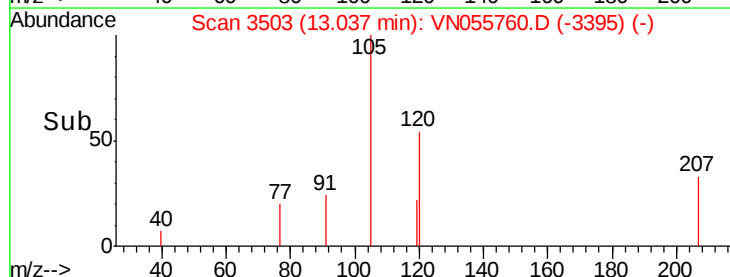
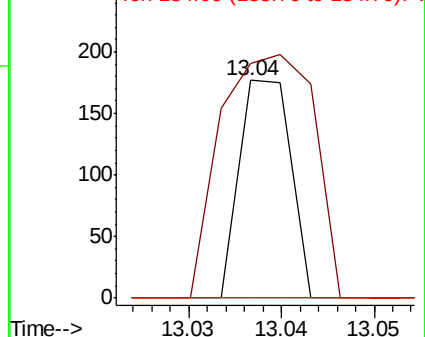
134 0.0 13.3 39.8#

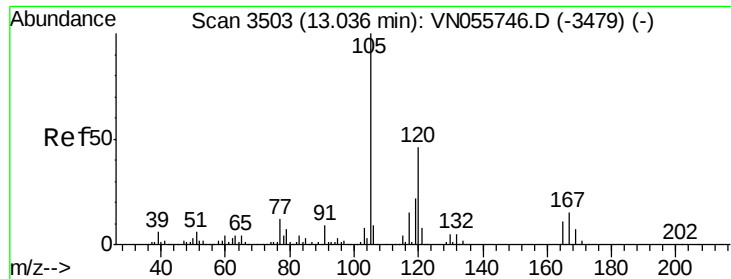


Abundance Ion 119.00 (118.70 to 119.70): VN055760.D (-3395) (-)

Ion 91.00 (90.70 to 91.70): VN055760.D (-3395) (-)

Ion 134.00 (133.70 to 134.70): VN055760.D (-3395) (-)

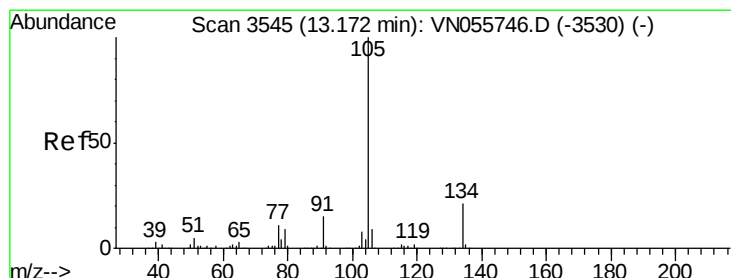
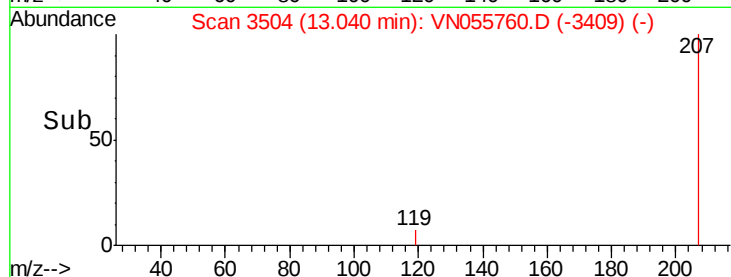
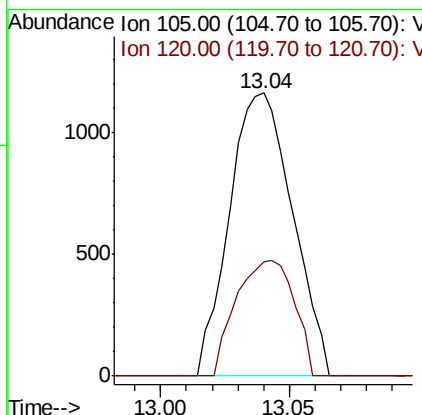
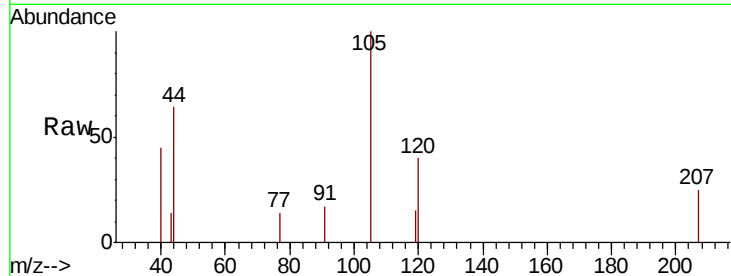




#84  
 1,2,4-Trimethylbenzene  
 Concen: Below Cal  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN055760.D  
 Acq: 23 May 2019 18:01

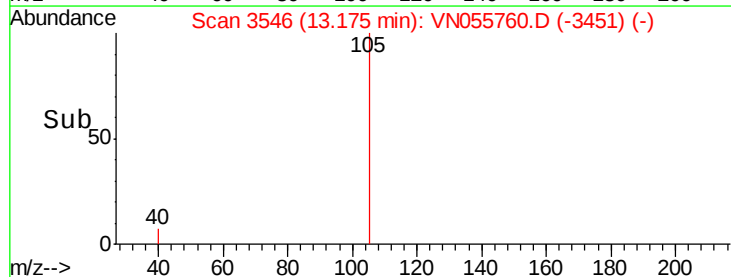
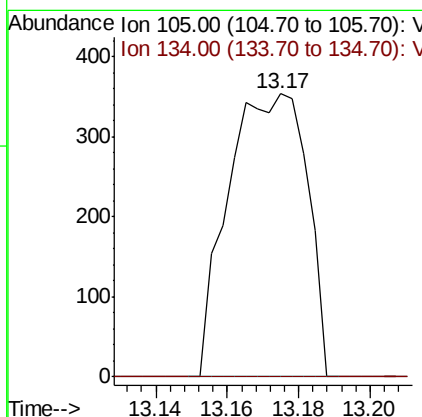
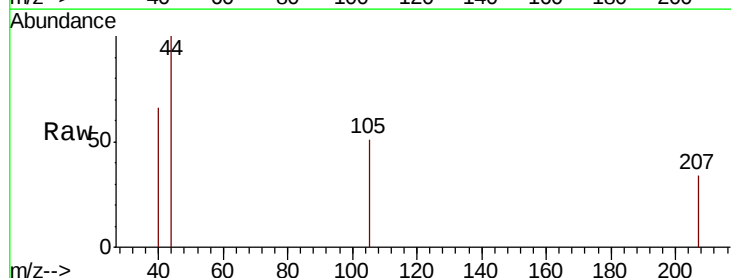
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 COMP-19

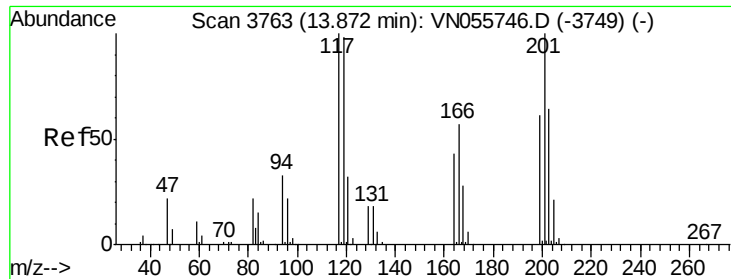
Tot Ion:105 Resp: 1980  
 Ion Ratio Lower Upper  
 105 100  
 120 37.6 23.0 69.0



#85  
 sec-Butylbenzene  
 Concen: Below Cal  
 RT: 13.17 min Scan# 3546  
 Delta R.T. 0.00 min  
 Lab File: VN055760.D  
 Acq: 23 May 2019 18:01

Tgt Ion:105 Resp: 537  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 10.4 31.2#





#90

Hexachloroethane

Concen: 0.207 ug/l

RT: 13.99 min Scan# 3801

Delta R.T. 0.12 min

Lab File: VN055760.D

Acq: 23 May 2019 18:01

Instrument :

MSVOA\_N

ClientSampled :

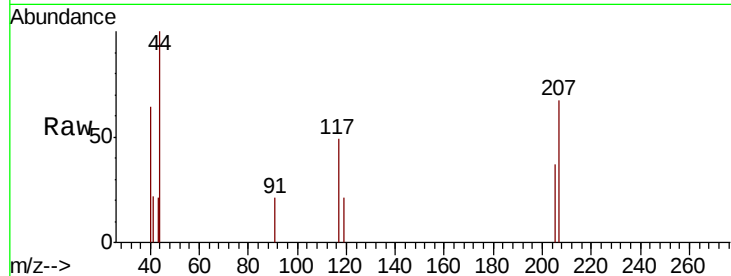
COMP-19

Tot Ion:117 Resp: 526

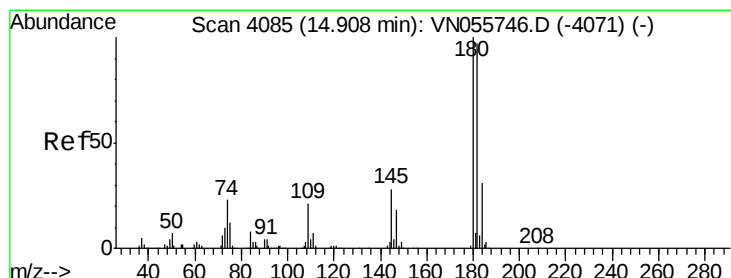
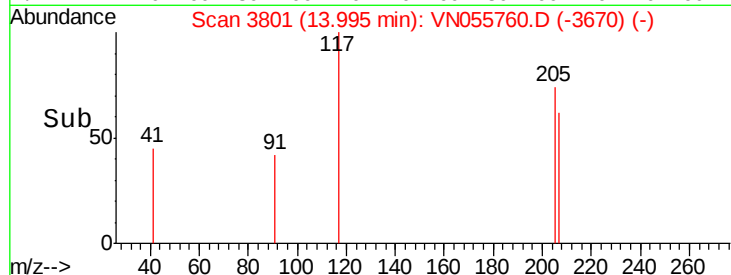
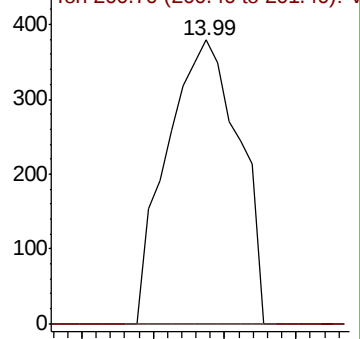
Ion Ratio Lower Upper

117 100

201 0.0 50.0 150.0#



Abundance Ion 116.80 (116.50 to 117.50): V



#93

1,2,4-Trichlorobenzene

Concen: 3.696 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN055760.D

Acq: 23 May 2019 18:01

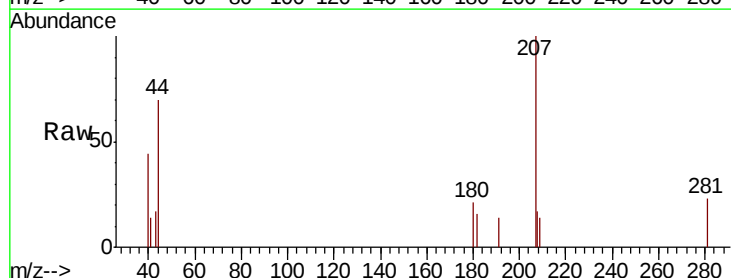
Tgt Ion:180 Resp: 238

Ion Ratio Lower Upper

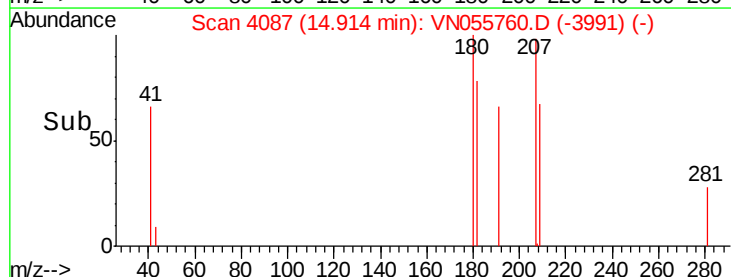
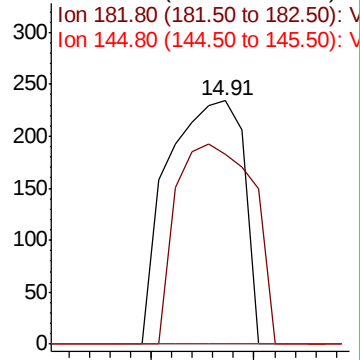
180 100

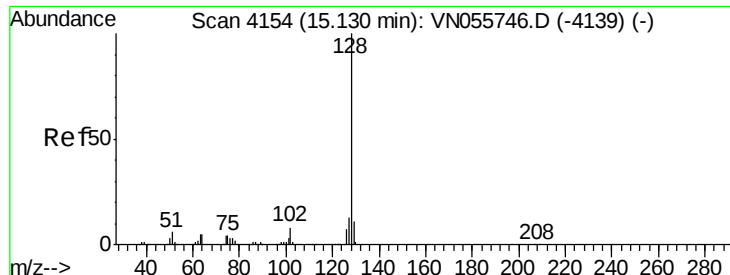
182 83.6 48.3 144.9

145 0.0 14.0 41.9#



Abundance Ion 179.80 (179.50 to 180.50): V





#95

Naphthalene

Concen: 0.278 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055760.D

Acq: 23 May 2019 18:01

Instrument :

MSVOA\_N

ClientSampleId :

COMP-19

Tot Ion:128 Resp: 2469

Ion Ratio Lower Upper

128 100

127 7.1 10.3 15.5#

129 3.8 8.7 13.1#

