

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN052319\  
 Data File : VN055768.D  
 Acq On : 23 May 2019 21:22  
 Operator : JC/SP  
 Sample : K2977-04 100X  
 Misc : 6.01µ/5mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 24 06:52:19 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

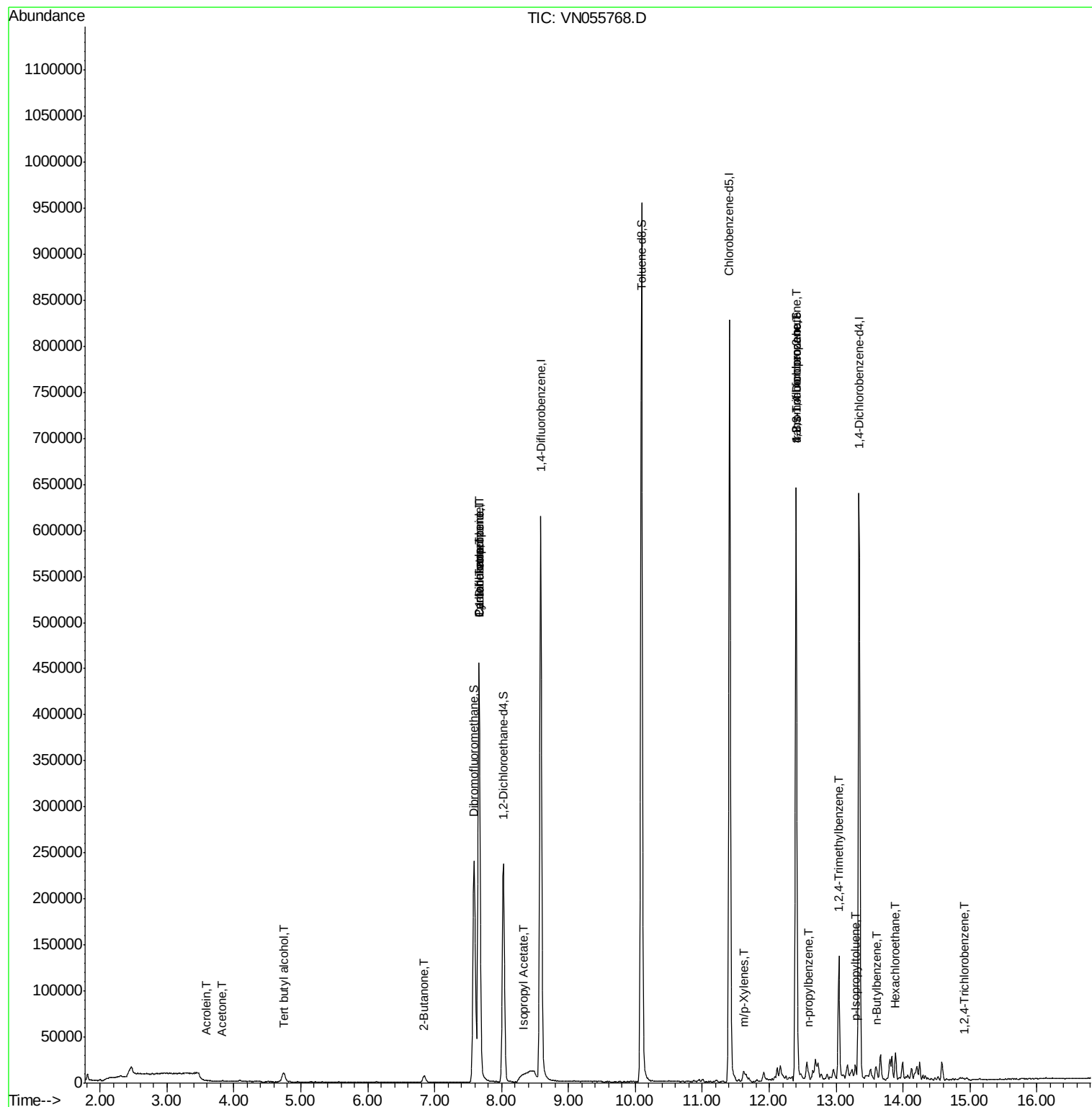
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|--------|----------|
| 1) Pentafluorobenzene          | 7.66   | 168  | 449118   | 50.00     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.58   | 114  | 606806   | 50.00     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5           | 11.41  | 117  | 533214   | 50.00     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 13.34  | 152  | 193543   | 50.00     | ug/l   | 0.00     |
| System Monitoring Compounds    |        |      |          |           |        |          |
| 33) 1,2-Dichloroethane-d4      | 8.03   | 65   | 200856   | 43.31     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 86.62% |          |
| 35) Dibromofluoromethane       | 7.59   | 113  | 182854   | 47.66     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 95.32% |          |
| 50) Toluene-d8                 | 10.09  | 98   | 716706   | 48.70     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 97.40% |          |
| 62) 4-Bromofluorobenzene       | 12.40  | 95   | 222824   | 44.16     | ug/l   | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 88.32% |          |
| Target Compounds               |        |      |          |           |        |          |
|                                |        |      |          |           | Qvalue |          |
| 11) Tert butyl alcohol         | 4.74   | 59   | 9788     | 11.045    | ug/l # | 74       |
| 13) Acrolein                   | 3.60   | 56   | 145      | 0.229     | ug/l # | 24       |
| 16) Acetone                    | 3.82   | 43   | 1008     | 0.494     | ug/l # | 41       |
| 18) Methyl Acetate             | 4.33   | 43   | 2863     | Below Cal | #      | 61       |
| 25) 2-Butanone                 | 6.84   | 43   | 887      | 0.312     | ug/l # | 47       |
| 31) Cyclohexane                | 7.66   | 56   | 6264     | 0.900     | ug/l # | 1        |
| 36) 1,1-Dichloropropene        | 7.66   | 75   | 24236    | 4.583     | ug/l # | 49       |
| 38) Carbon Tetrachloride       | 7.66   | 117  | 35463    | 6.438     | ug/l # | 14       |
| 43) Isopropyl Acetate          | 8.32   | 43   | 10988    | 1.280     | ug/l # | 53       |
| 68) m/p-Xylenes                | 11.62  | 106  | 3991     | 0.551     | ug/l   | 90       |
| 73) Isopropylbenzene           | 12.25  | 105  | 3159     | Below Cal |        | 93       |
| 74) N-amyl acetate             | 12.04  | 43   | 479      | Below Cal | #      | 43       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.53  | 83   | 66       | Below Cal | #      | 25       |
| 76) 1,2,3-Trichloropropane     | 12.40  | 75   | 103648   | 29.831    | ug/l # | 100      |
| 78) n-propylbenzene            | 12.59  | 91   | 6732     | 0.400     | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.66  | 91   | 571      | Below Cal | #      | 39       |
| 80) 1,3,5-Trimethylbenzene     | 12.69  | 105  | 12300    | Below Cal |        | 74       |
| 81) trans-1,4-Dichloro-2-buten | 12.40  | 75   | 103648   | 72.054    | ug/l # | 15       |
| 83) tert-Butylbenzene          | 12.99  | 119  | 1175     | Below Cal |        | 87       |
| 84) 1,2,4-Trimethylbenzene     | 13.04  | 105  | 79661    | 4.768     | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17  | 105  | 8395     | Below Cal | #      | 69       |
| 86) p-Isopropyltoluene         | 13.29  | 119  | 9570     | 0.712     | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.62  | 91   | 6215     | 0.603     | ug/l # | 64       |
| 90) Hexachloroethane           | 13.89  | 117  | 1578     | 0.617     | ug/l # | 1        |
| 93) 1,2,4-Trichlorobenzene     | 14.91  | 180  | 130      | 3.669     | ug/l # | 1        |

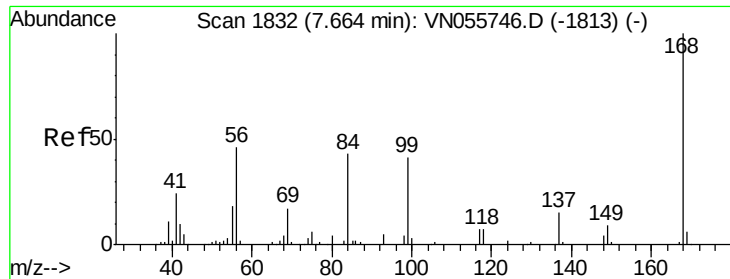
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052319\  
Data File : VN055768.D  
Acq On : 23 May 2019 21:22  
Operator : JC/SP  
Sample : K2977-04 100X  
Misc : 6.01µ/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: May 24 06:52:19 2019  
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: VN055768.D

Acq: 23 May 2019 21:22

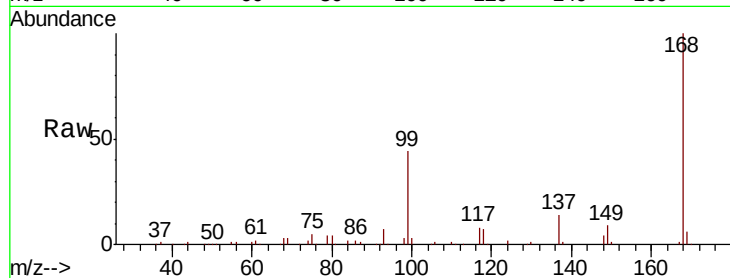
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 449118

Ion Ratio Lower Upper

168 100

99 44.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

200000

150000

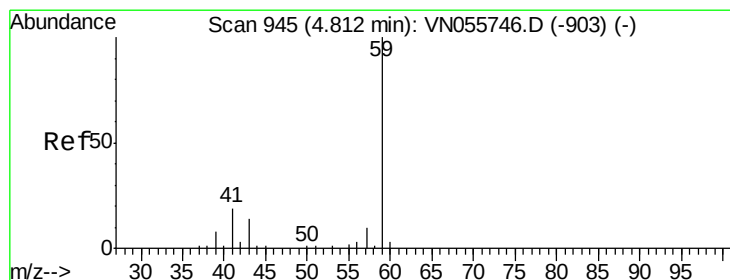
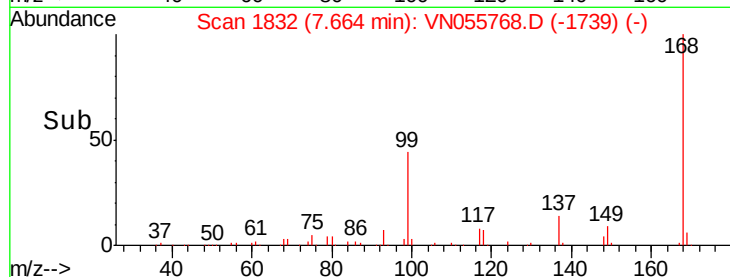
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 11.045 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.07 min

Lab File: VN055768.D

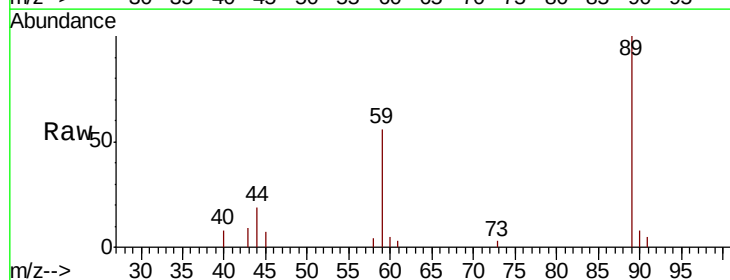
Acq: 23 May 2019 21:22

Tgt Ion: 59 Resp: 9788

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.74

3000

2500

2000

1500

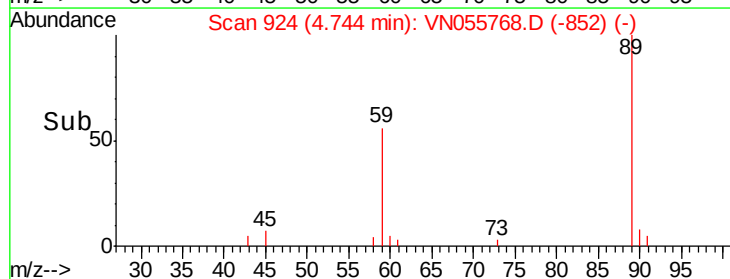
1000

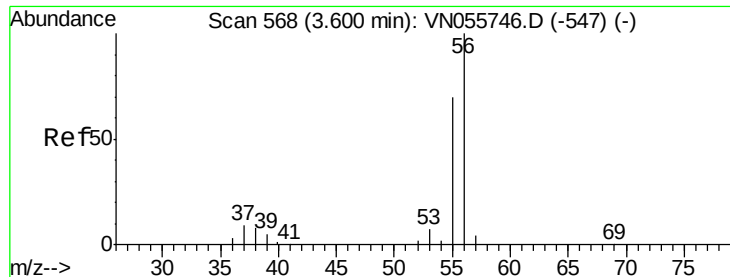
500

0

Time-->

4.70 4.80





#13

Acrolein

Concen: 0.229 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN055768.D

Acq: 23 May 2019 21:22

Instrument :

MSVOA\_N

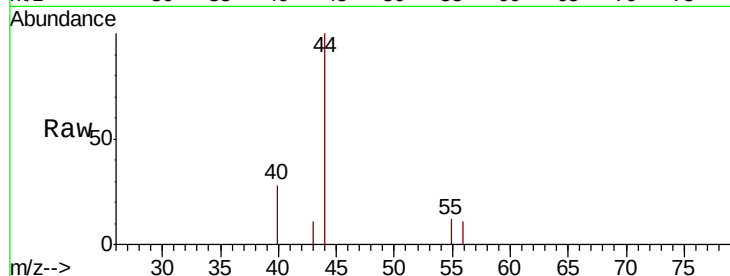
ClientSampleId :

Tot Ion: 56 Resp: 145

Ion Ratio Lower Upper

56 100

55 131.0 55.4 83.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

250

200

150

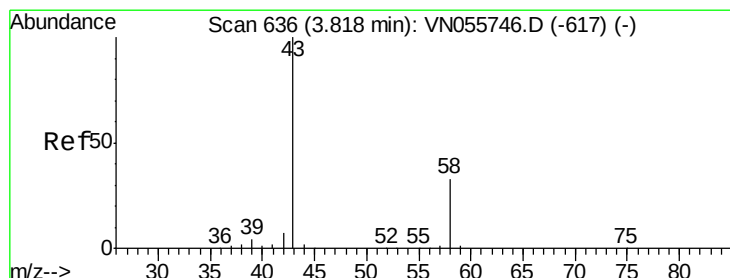
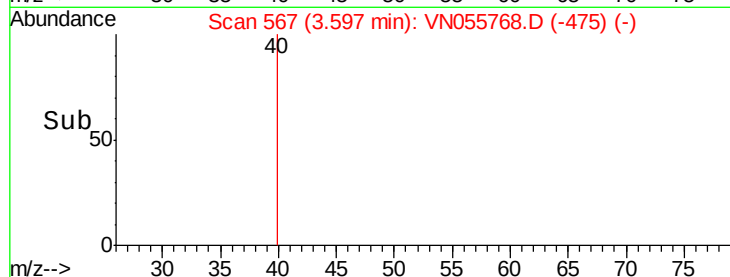
100

50

0

3.58 3.59 3.60 3.61

Time-->



#16

Acetone

Concen: 0.494 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN055768.D

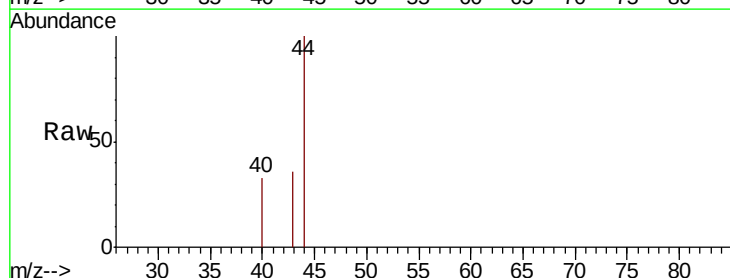
Acq: 23 May 2019 21:22

Tgt Ion: 43 Resp: 1008

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600

500

400

300

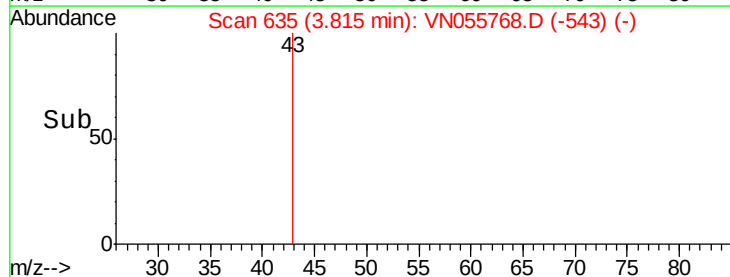
200

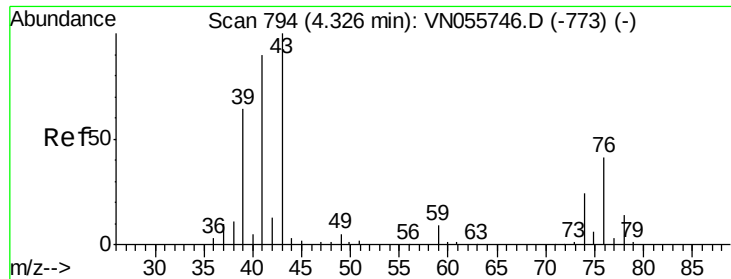
100

0

3.75 3.80 3.82

Time-->

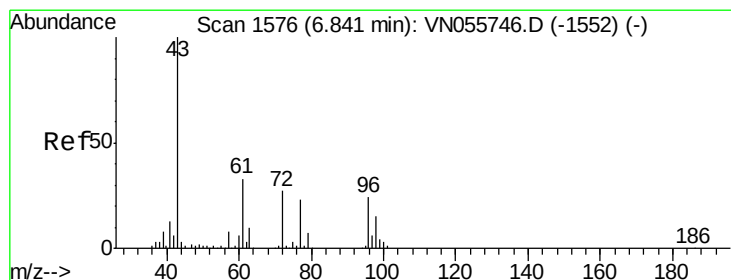
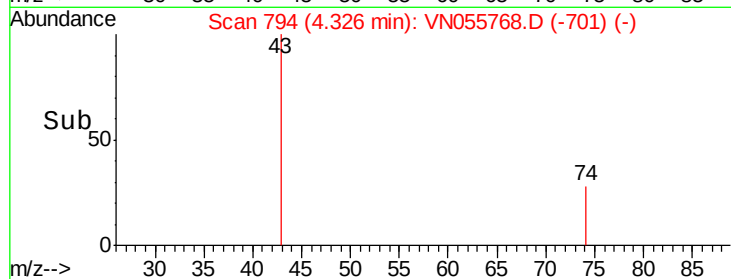
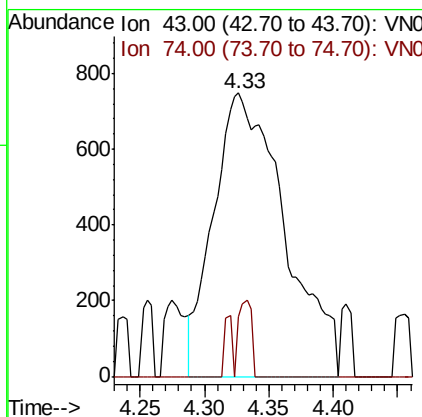
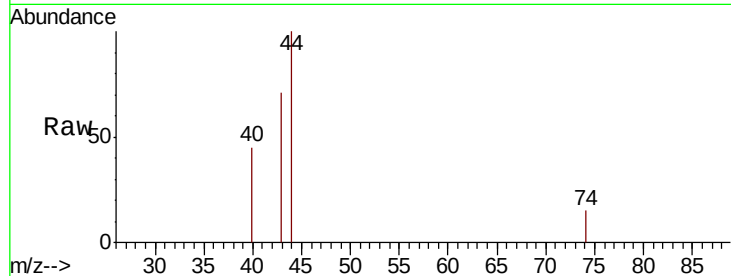




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.33 min Scan# 794  
Delta R.T. 0.00 min  
Lab File: VN055768.D  
Acq: 23 May 2019 21:22

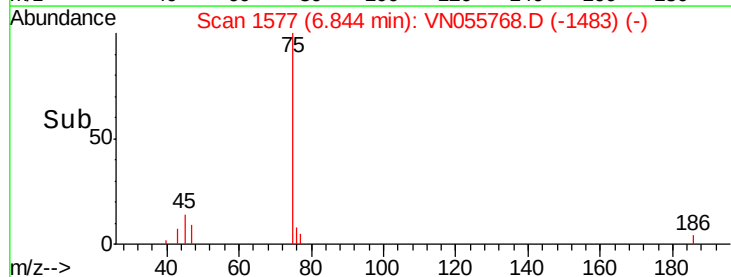
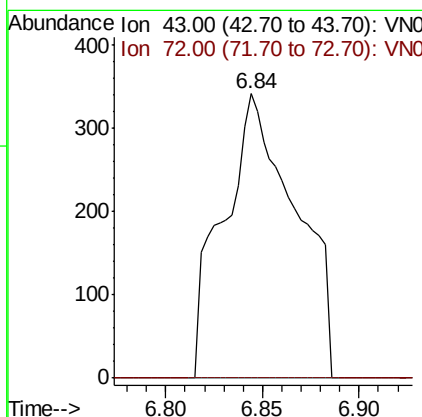
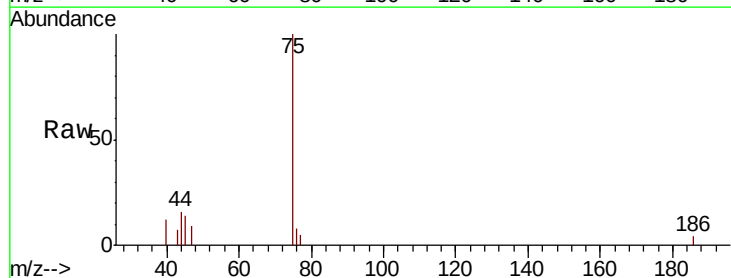
Instrument :  
MSVOA\_N  
ClientSampleId :

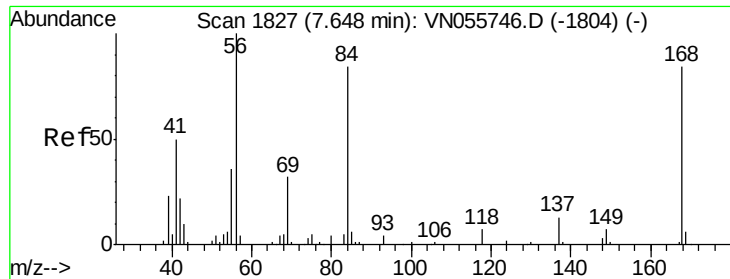
Tot Ion: 43 Resp: 2863  
Ion Ratio Lower Upper  
43 100  
74 4.9 19.3 28.9#



#25  
2-Butanone  
Concen: 0.312 ug/l  
RT: 6.84 min Scan# 1577  
Delta R.T. 0.00 min  
Lab File: VN055768.D  
Acq: 23 May 2019 21:22

Tgt Ion: 43 Resp: 887  
Ion Ratio Lower Upper  
43 100  
72 0.0 21.9 32.9#

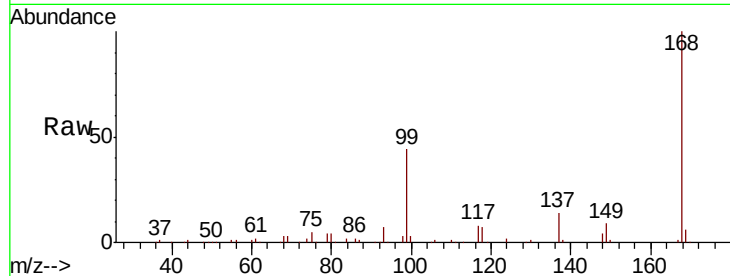




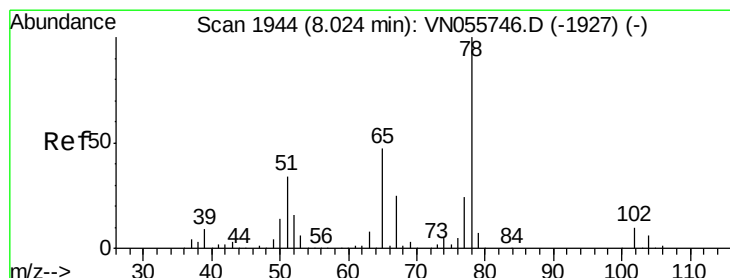
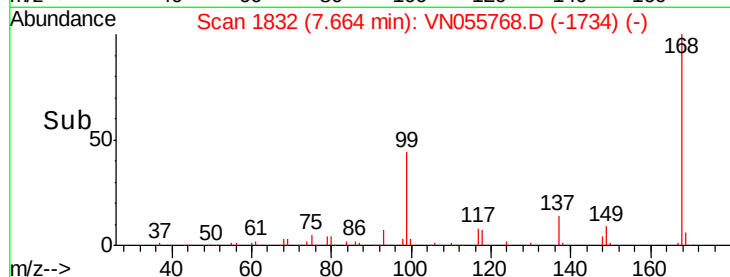
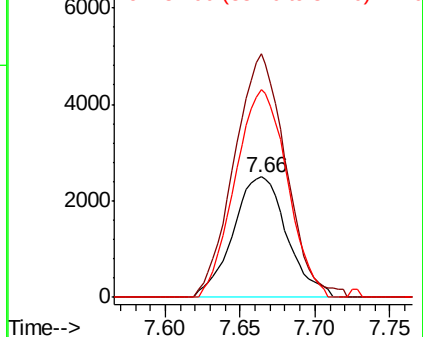
#31  
Cyclohexane  
Concen: 0.900 ug/l  
RT: 7.66 min Scan# 1832  
Delta R.T. 0.02 min  
Lab File: VN055768.D  
Acq: 23 May 2019 21:22

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 6264  
Ion Ratio Lower Upper  
56 100  
69 202.1 25.6 38.4#  
84 172.4 67.4 101.0#

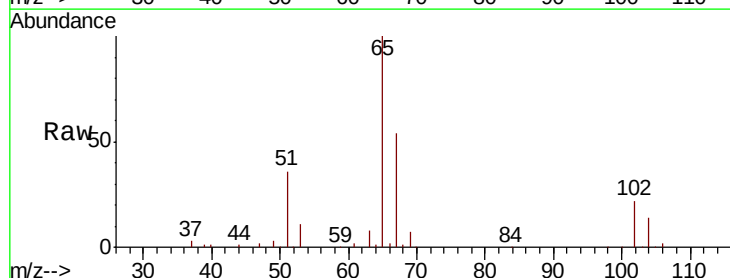


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

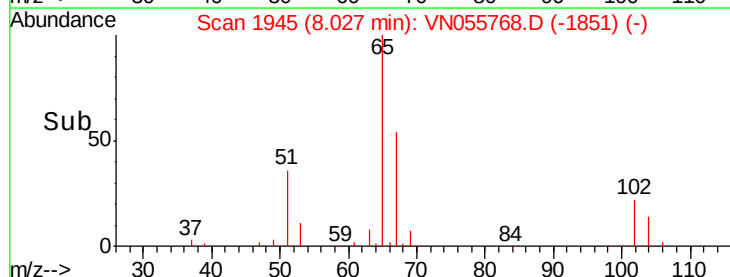
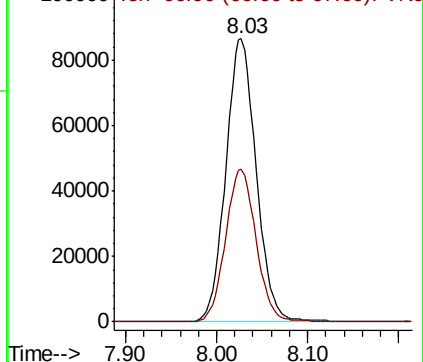


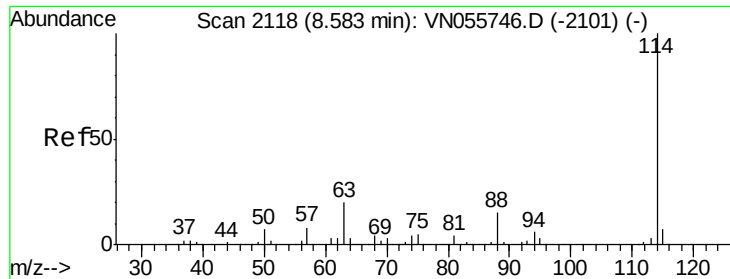
#33  
1,2-Dichloroethane-d4  
Concen: 43.305 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. 0.00 min  
Lab File: VN055768.D  
Acq: 23 May 2019 21:22

Tgt Ion: 65 Resp: 200856  
Ion Ratio Lower Upper  
65 100  
67 54.3 0.0 109.2



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

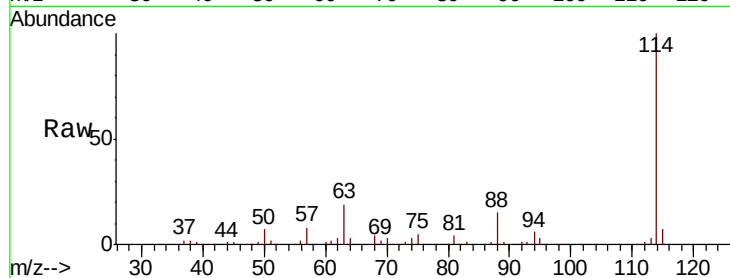




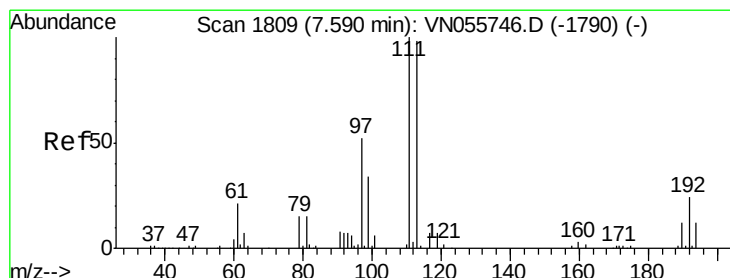
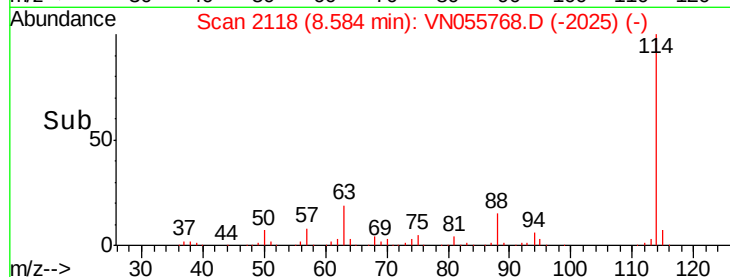
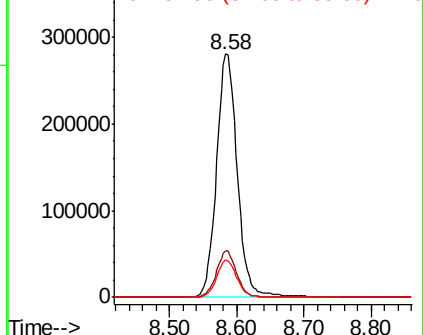
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN055768.D  
 Acq: 23 May 2019 21:22

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:114 Resp: 606806  
 Ion Ratio Lower Upper  
 114 100  
 63 19.1 0.0 39.2  
 88 15.2 0.0 31.0

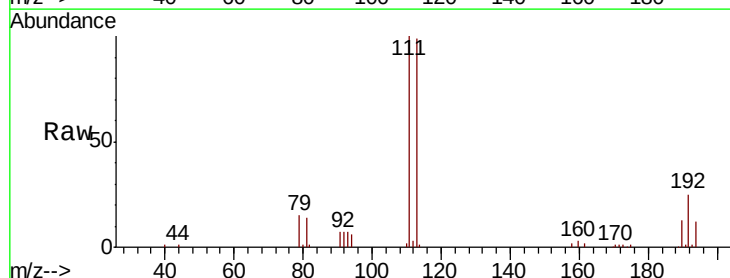


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VN  
 Ion 87.90 (87.60 to 88.60): VN

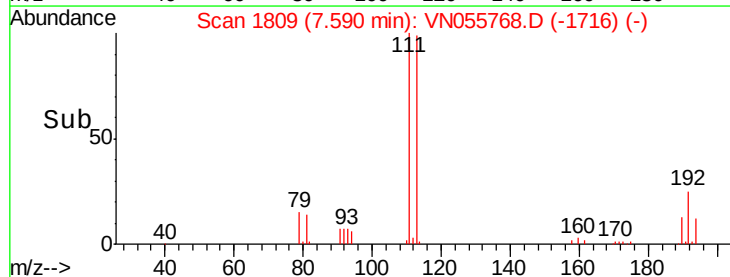
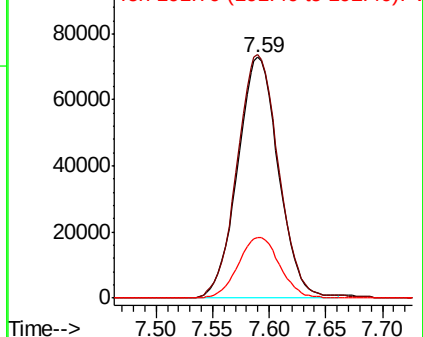


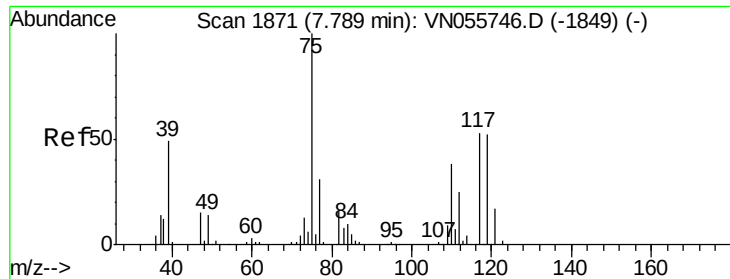
#35  
 Dibromofluoromethane  
 Concen: 47.662 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: VN055768.D  
 Acq: 23 May 2019 21:22

Tgt Ion:113 Resp: 182854  
 Ion Ratio Lower Upper  
 113 100  
 111 103.3 81.9 122.9  
 192 25.7 19.5 29.3



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

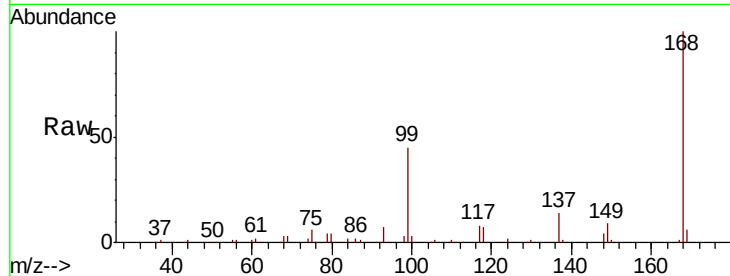




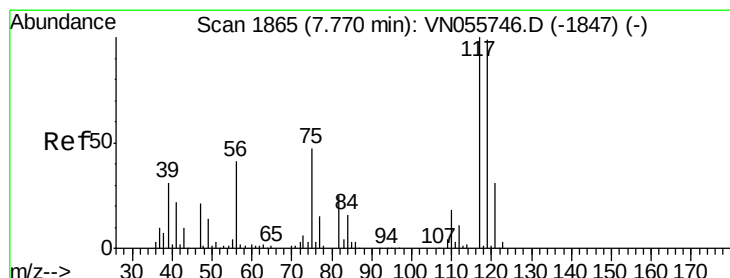
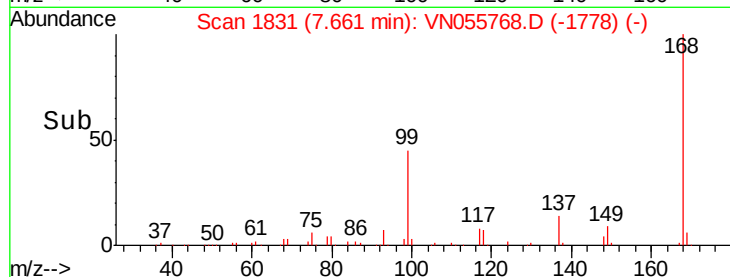
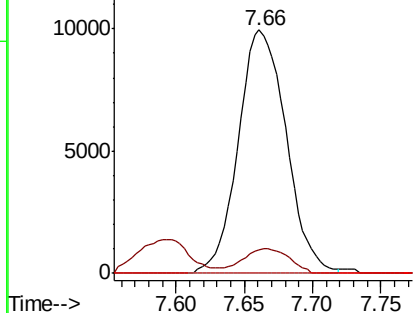
#36  
 1,1-Dichloropropene  
 Concen: 4.583 ug/l  
 RT: 7.66 min Scan# 1831  
 Delta R.T. -0.13 min  
 Lab File: VN055768.D  
 Acq: 23 May 2019 21:22

Instrument :  
 MSVOA\_N  
 ClientSampled :

| Tot Ion   | 75    | Resp  | 24236 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 9.8   | 19.0  | 57.0# |
| 77        | 0.0   | 25.1  | 37.7# |

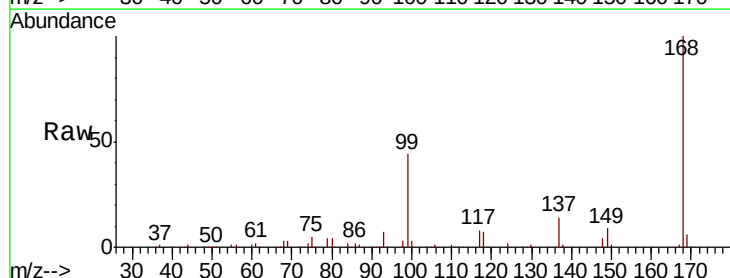


Abundance Ion 74.90 (74.60 to 75.60): VN0  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VN0

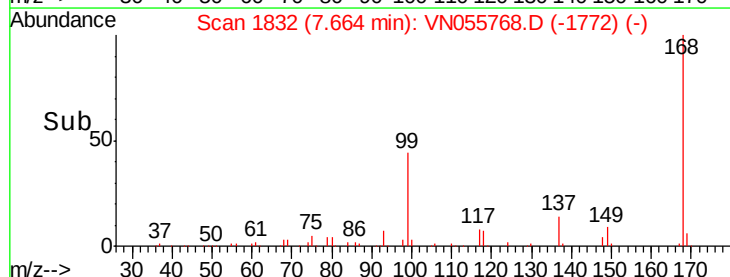
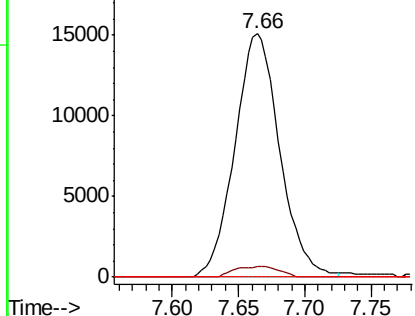


#38  
 Carbon Tetrachloride  
 Concen: 6.438 ug/l  
 RT: 7.66 min Scan# 1832  
 Delta R.T. -0.11 min  
 Lab File: VN055768.D  
 Acq: 23 May 2019 21:22

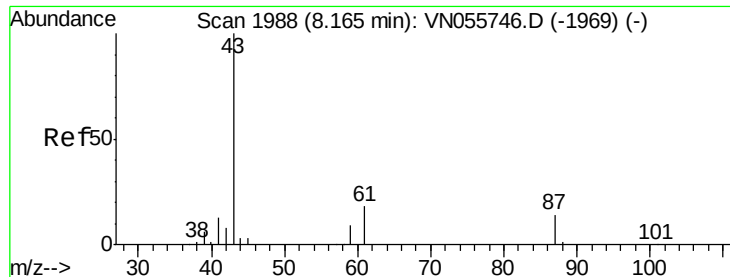
| Tgt Ion                                           | 117   | Resp  | 35463  |
|---------------------------------------------------|-------|-------|--------|
| Ion Ratio <td>Lower</td> <td>Upper</td> <td></td> | Lower | Upper |        |
| 117                                               | 100   |       |        |
| 119                                               | 4.2   | 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: 1.280 ug/l

RT: 8.32 min Scan# 2036

Delta R.T. 0.15 min

Lab File: VN055768.D

Acq: 23 May 2019 21:22

Instrument :

MSVOA\_N

ClientSampled :

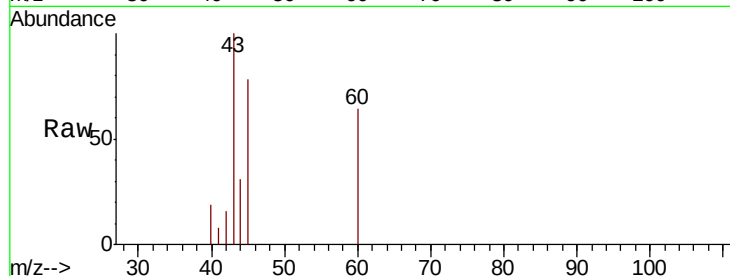
Tot Ion: 43 Resp: 10988

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

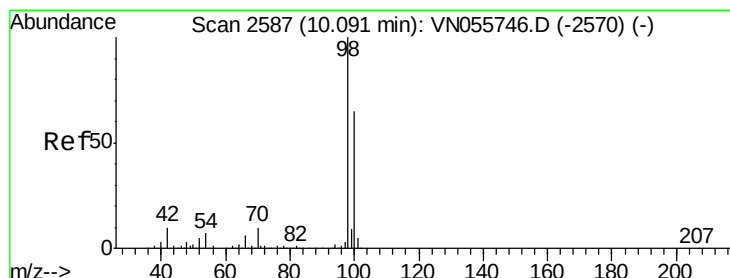
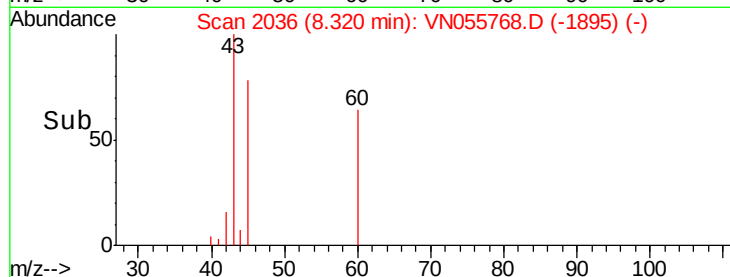
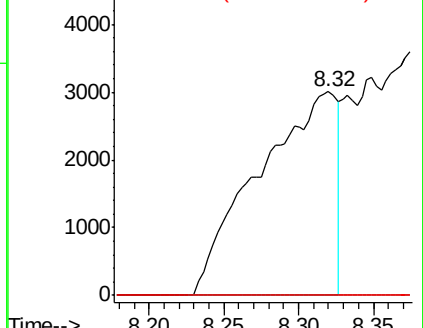
87 0.0 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)



#50

Toluene-d8

Concen: 48.702 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055768.D

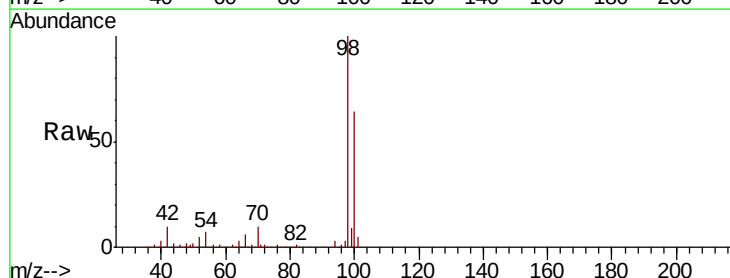
Acq: 23 May 2019 21:22

Tgt Ion: 98 Resp: 716706

Ion Ratio Lower Upper

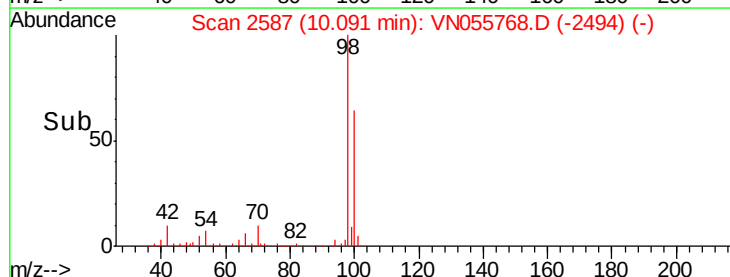
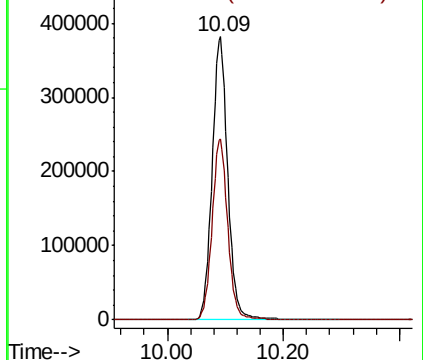
98 100

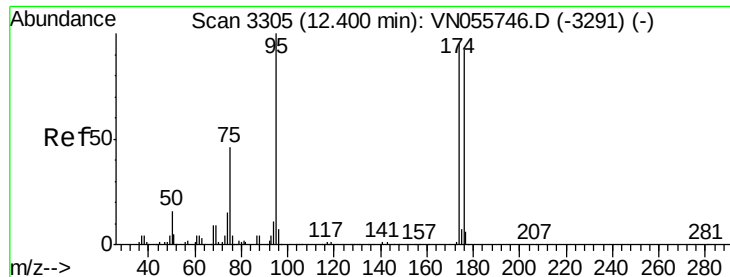
100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055746.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055746.D (-2570) (-)

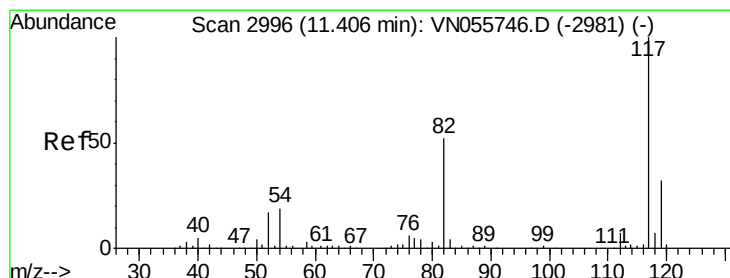
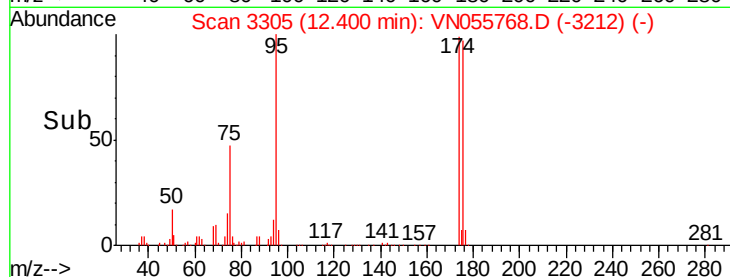
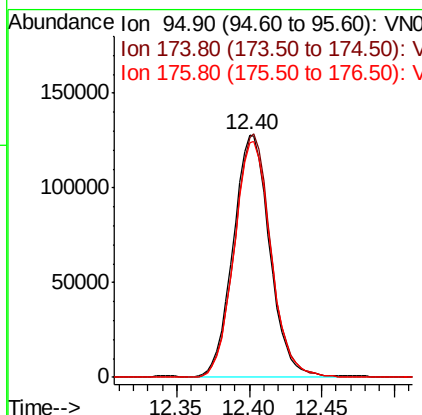
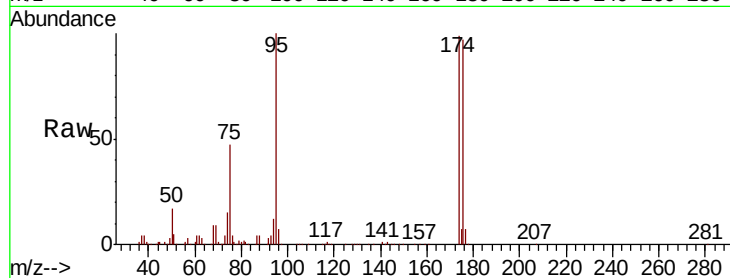




#62  
4-Bromofluorobenzene  
Concen: 44.158 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.00 min  
Lab File: VN055768.D  
Acq: 23 May 2019 21:22

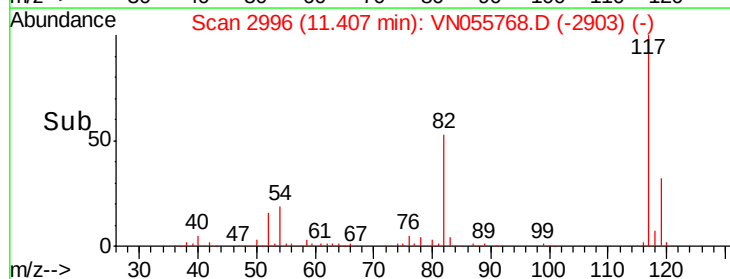
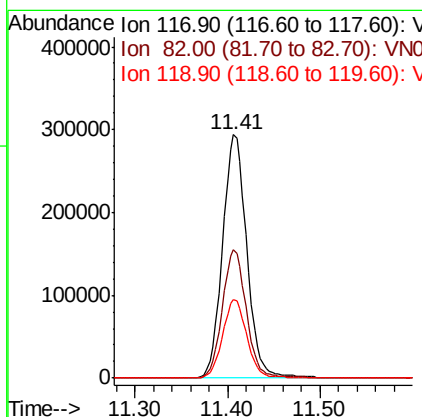
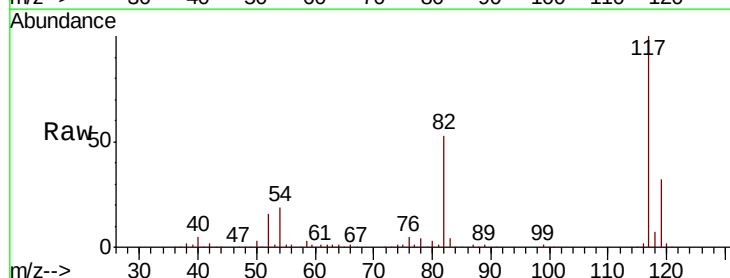
Instrument :  
MSVOA\_N  
ClientSampleId :

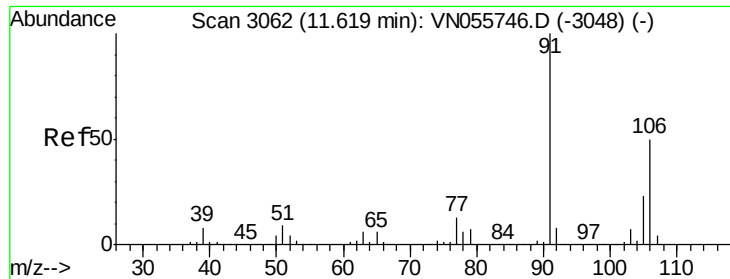
Tot Ion: 95 Resp: 222824  
Ion Ratio Lower Upper  
95 100  
174 100.3 0.0 191.0  
176 98.6 0.0 185.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN055768.D  
Acq: 23 May 2019 21:22

Tgt Ion: 117 Resp: 533214  
Ion Ratio Lower Upper  
117 100  
82 52.6 41.8 62.8  
119 32.4 25.4 38.0





#68

m/p-Xvlenes

Concen: 0.551 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN055768.D

Acq: 23 May 2019 21:22

Instrument :

MSVOA\_N

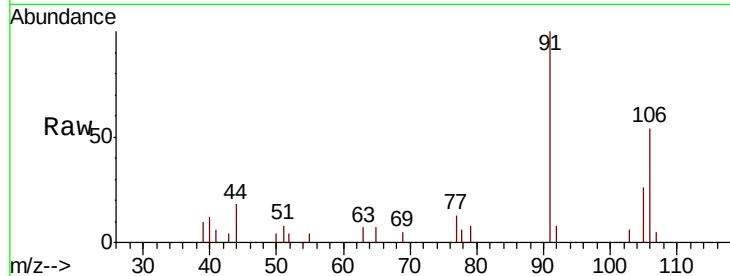
ClientSampled :

Tot Ion:106 Resp: 3991

Ion Ratio Lower Upper

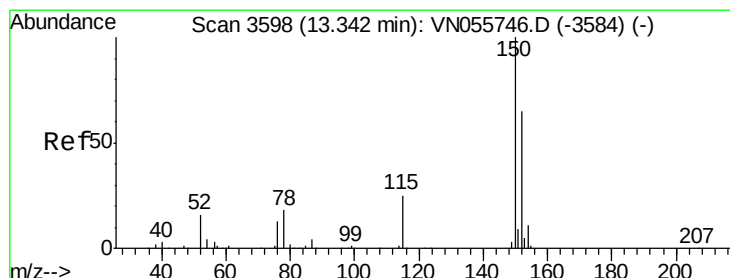
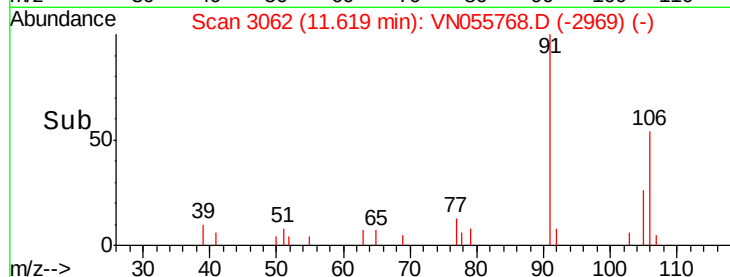
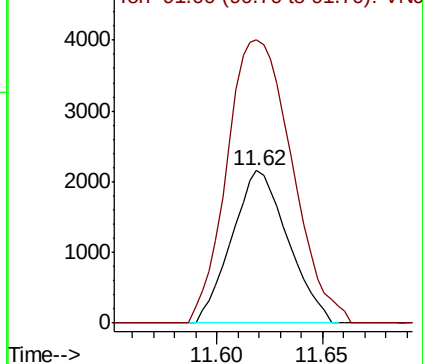
106 100

91 214.6 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): 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: VN055768.D

Acq: 23 May 2019 21:22

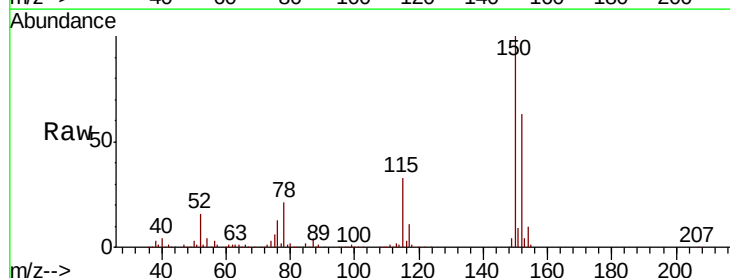
Tgt Ion:152 Resp: 193543

Ion Ratio Lower Upper

152 100

115 52.5 27.0 81.0

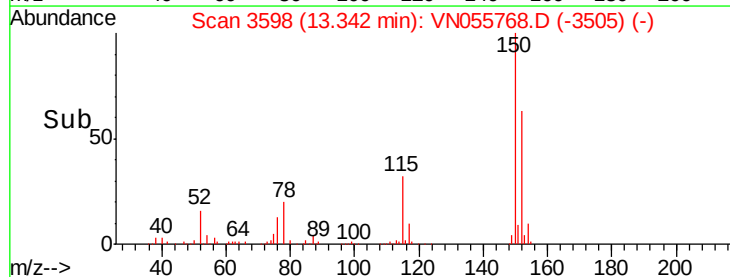
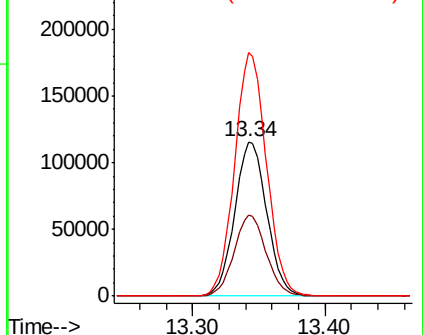
150 157.3 0.0 343.2

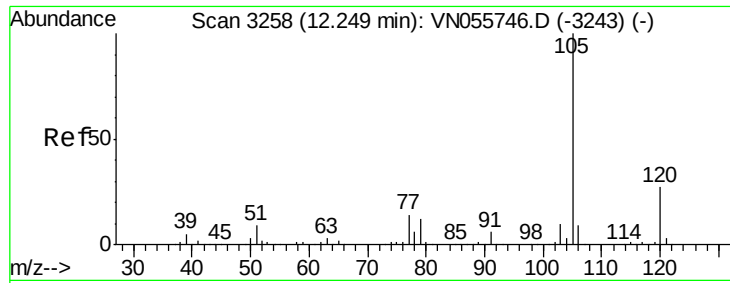


Abundance Ion 151.90 (151.60 to 152.60): V

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# 3258

Delta R.T. 0.00 min

Lab File: VN055768.D

Acq: 23 May 2019 21:22

Instrument :

MSVOA\_N

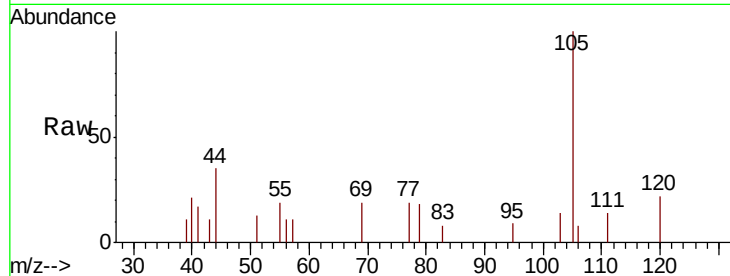
ClientSampleId :

Tot Ion:105 Resp: 3159

Ion Ratio Lower Upper

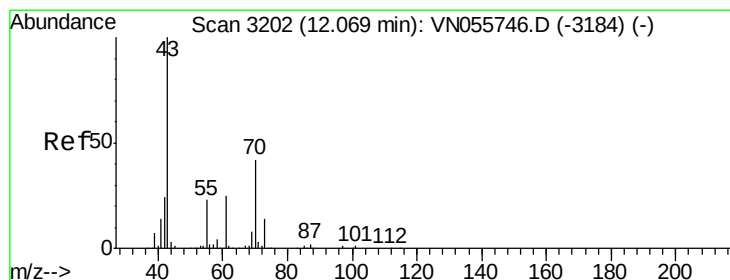
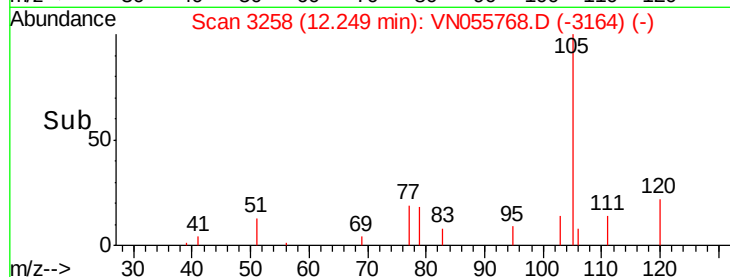
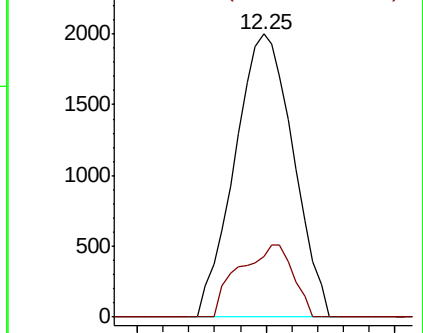
105 100

120 23.7 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-ethyl acetate

Concen: Below Cal

RT: 12.04 min Scan# 3194

Delta R.T. -0.02 min

Lab File: VN055768.D

Acq: 23 May 2019 21:22

Tgt Ion: 43 Resp: 479

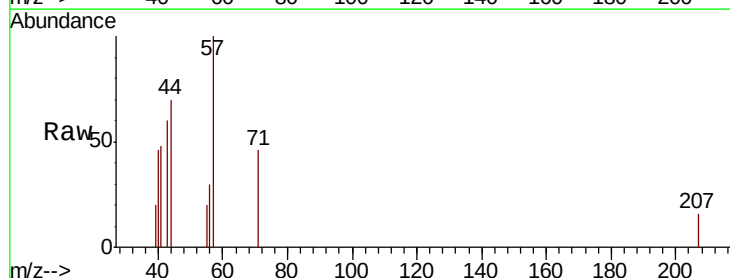
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#

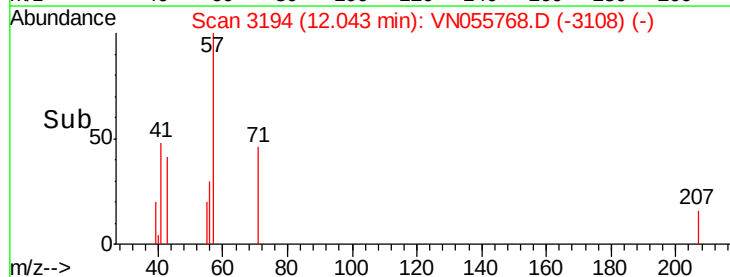
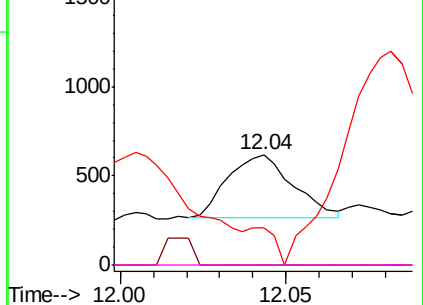


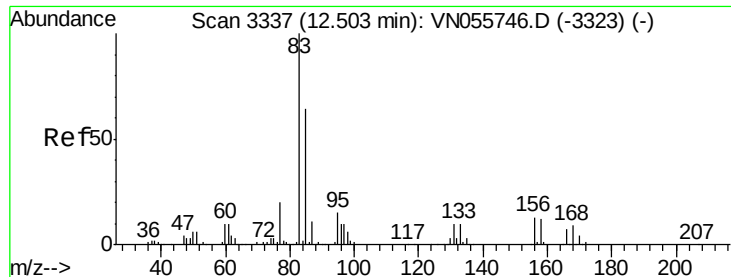
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.02 min

Lab File: VN055768.D

Acq: 23 May 2019 21:22

Instrument :

MSVOA\_N

ClientSampled :

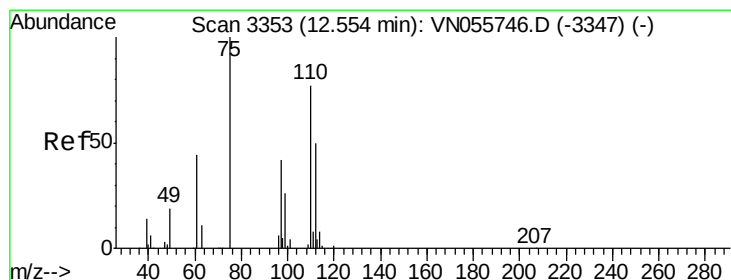
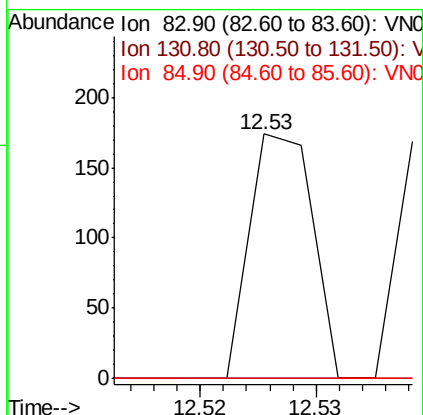
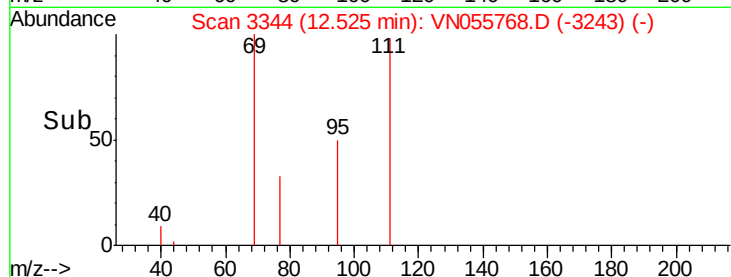
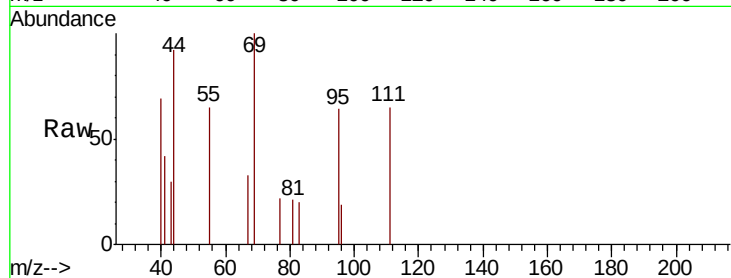
Tot Ion: 83 Resp: 66

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 0.0 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 29.831 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055768.D

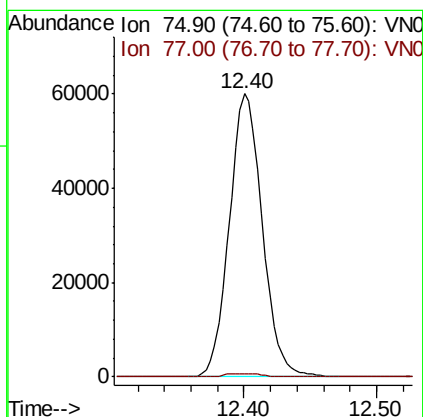
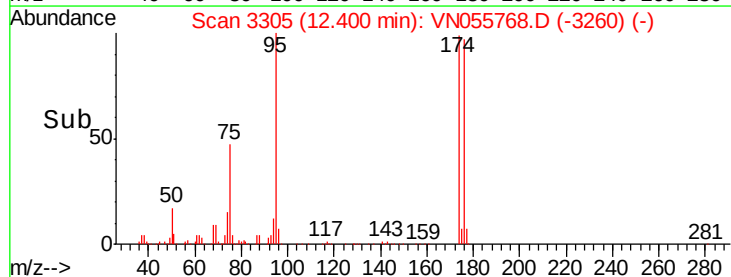
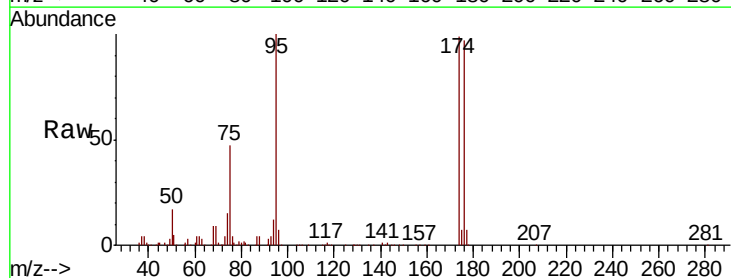
Acq: 23 May 2019 21:22

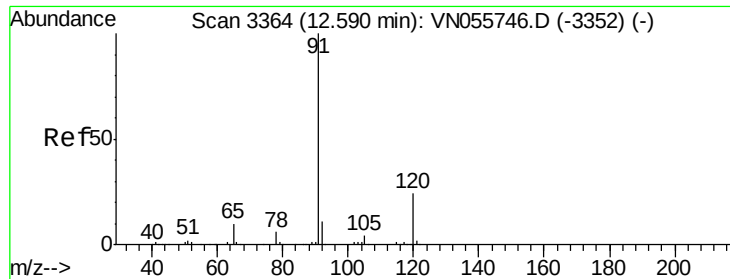
Tgt Ion: 75 Resp: 103648

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#78

n-propylbenzene

Concen: 0.400 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055768.D

Acq: 23 May 2019 21:22

Instrument :

MSVOA\_N

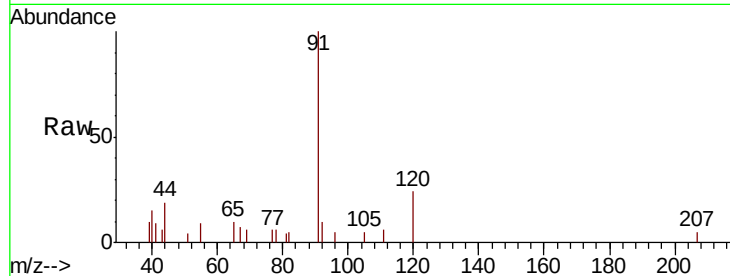
ClientSampleId :

Tot Ion: 91 Resp: 6732

Ion Ratio Lower Upper

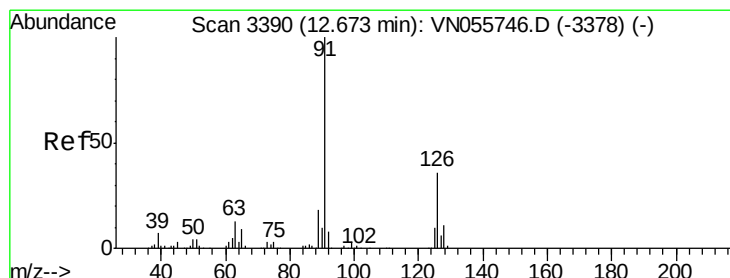
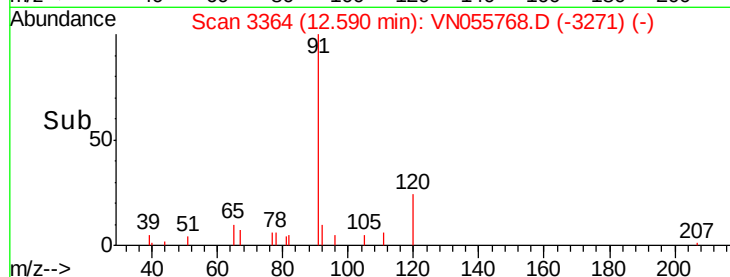
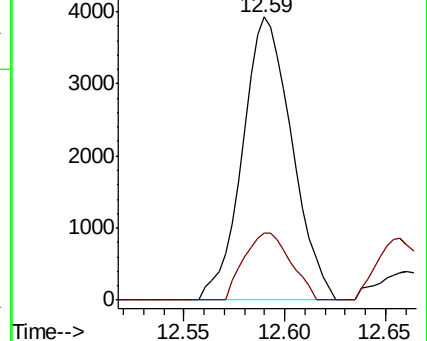
91 100

120 22.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.66 min Scan# 3386

Delta R.T. -0.01 min

Lab File: VN055768.D

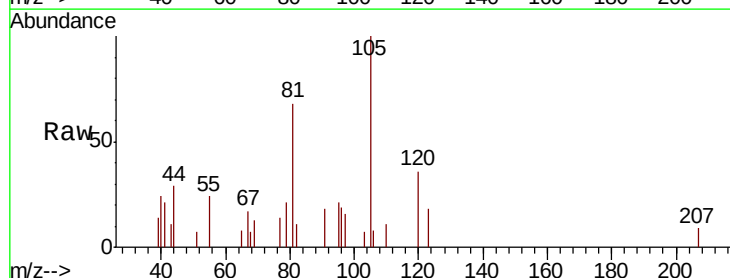
Acq: 23 May 2019 21:22

Tgt Ion: 91 Resp: 571

Ion Ratio Lower Upper

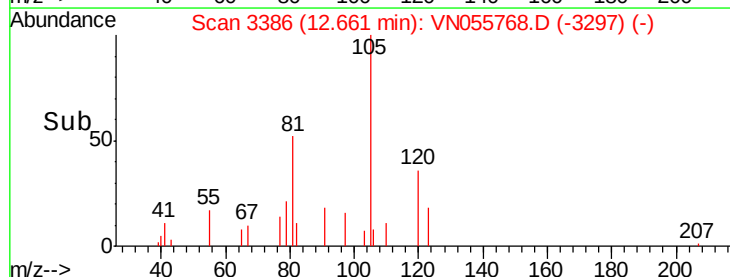
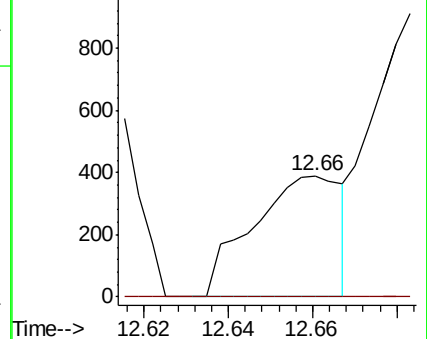
91 100

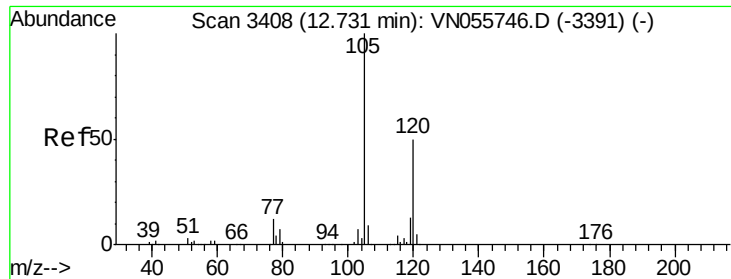
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

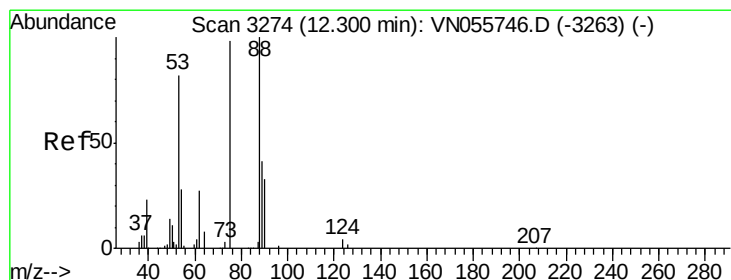
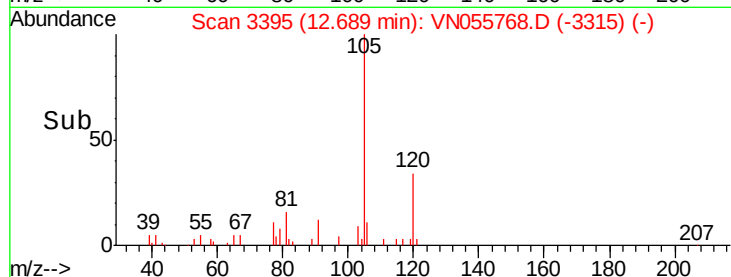
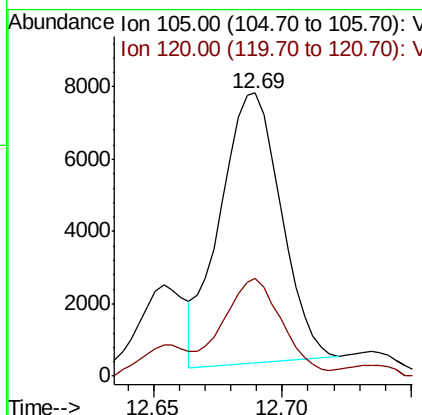
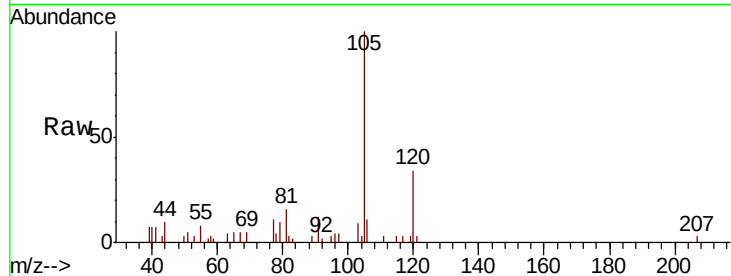




#80  
 1,3,5-Trimethylbenzene  
 Concen: Below Cal  
 RT: 12.69 min Scan# 3395  
 Delta R.T. -0.04 min  
 Lab File: VN055768.D  
 Acq: 23 May 2019 21:22

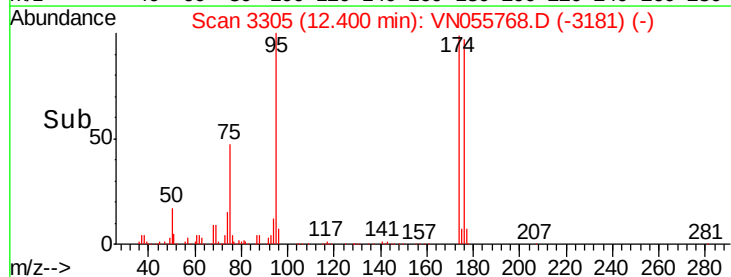
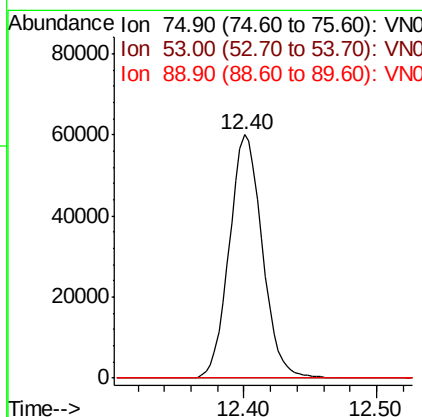
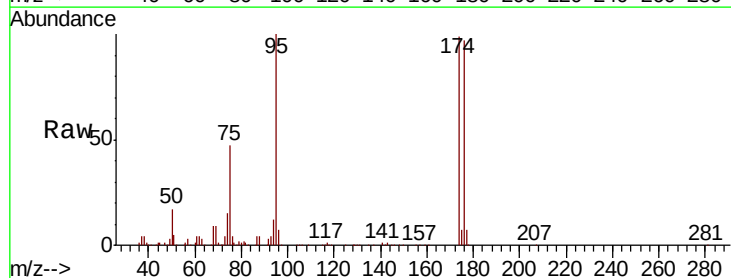
Instrument :  
 MSVOA\_N  
 ClientSampled :

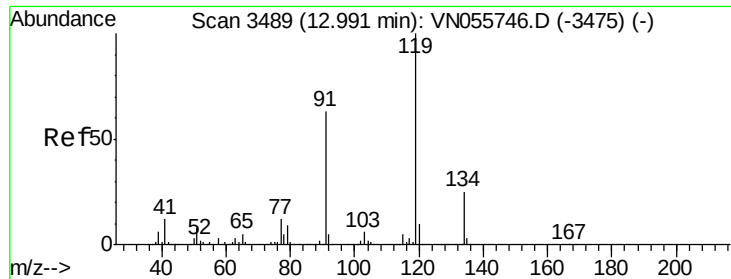
Tot Ion:105 Resp: 12300  
 Ion Ratio Lower Upper  
 105 100  
 120 31.5 24.7 74.1



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 72.054 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.10 min  
 Lab File: VN055768.D  
 Acq: 23 May 2019 21:22

Tgt Ion: 75 Resp: 103648  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 68.1 102.1#  
 89 0.0 36.9 55.3#

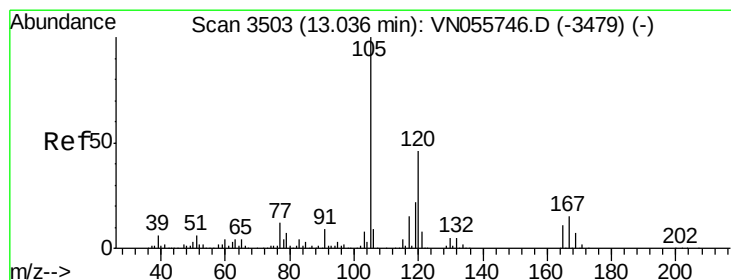
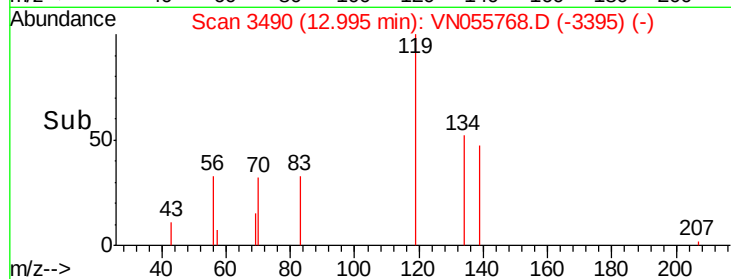
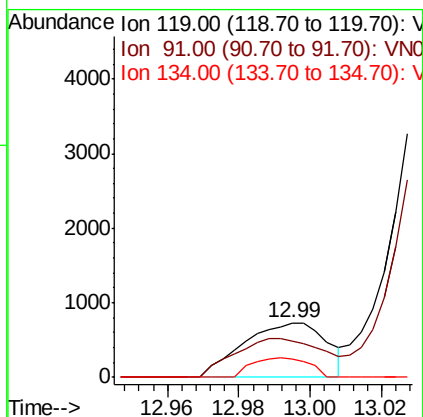
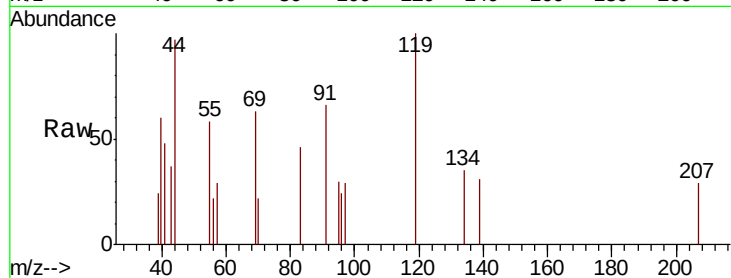




#83  
tert-Butylbenzene  
Concen: Below Cal  
RT: 12.99 min Scan# 3490  
Delta R.T. 0.00 min  
Lab File: VN055768.D  
Acq: 23 May 2019 21:22

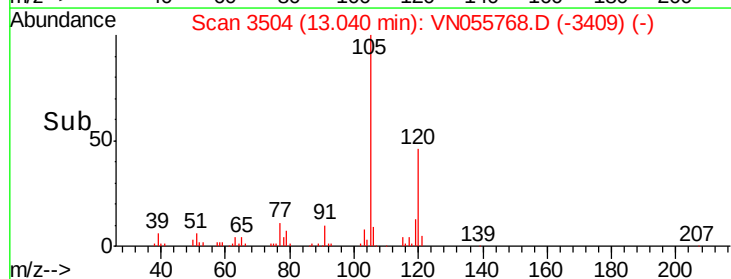
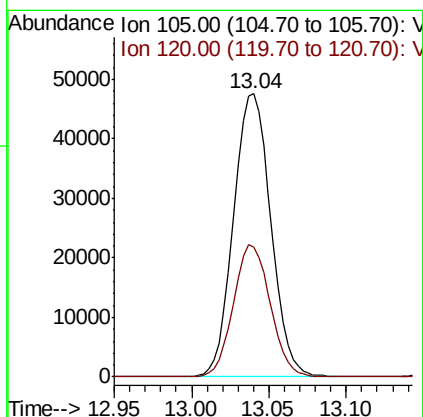
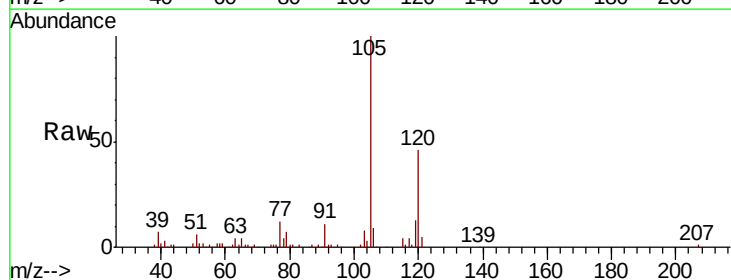
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:119 Resp: 1175  
Ion Ratio Lower Upper  
119 100  
91 75.2 30.9 92.8  
134 24.4 13.3 39.8

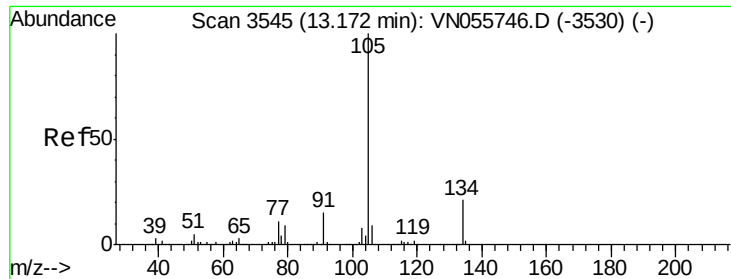


#84  
1,2,4-Trimethylbenzene  
Concen: 4.768 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. 0.00 min  
Lab File: VN055768.D  
Acq: 23 May 2019 21:22

Tgt Ion:105 Resp: 79661  
Ion Ratio Lower Upper  
105 100  
120 46.2 23.0 69.0







#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055768.D

Acq: 23 May 2019 21:22

Instrument :

MSVOA\_N

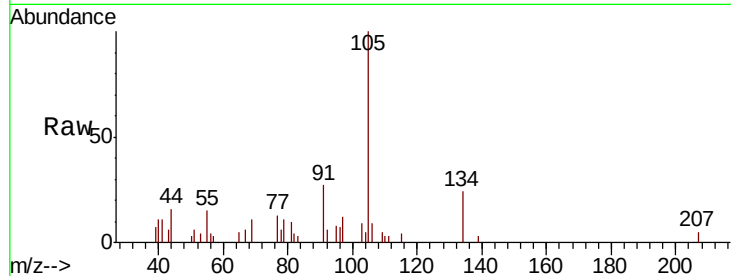
ClientSampleId :

Tot Ion:105 Resp: 8395

Ion Ratio Lower Upper

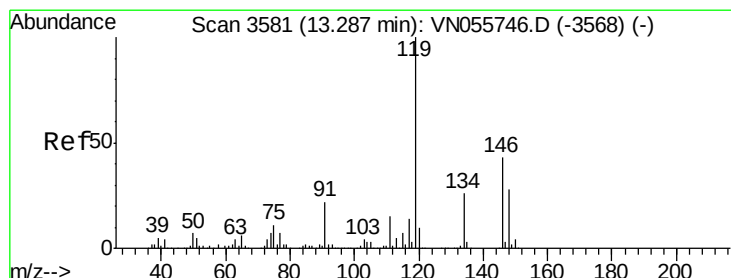
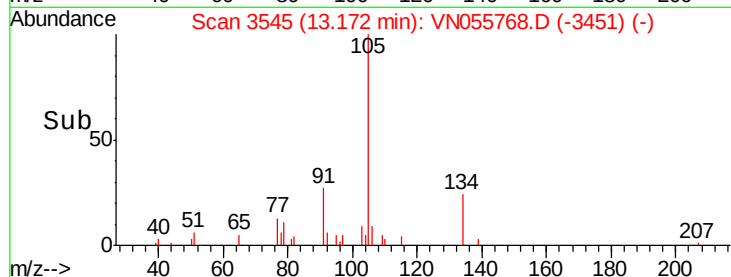
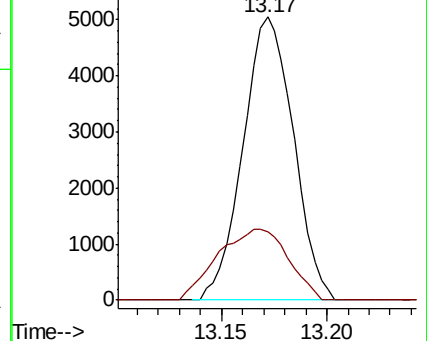
105 100

134 35.1 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.712 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055768.D

Acq: 23 May 2019 21:22

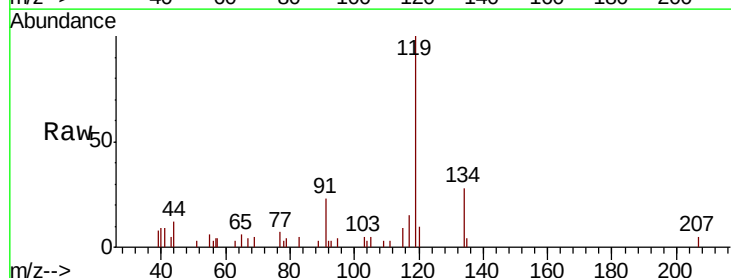
Tgt Ion:119 Resp: 9570

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

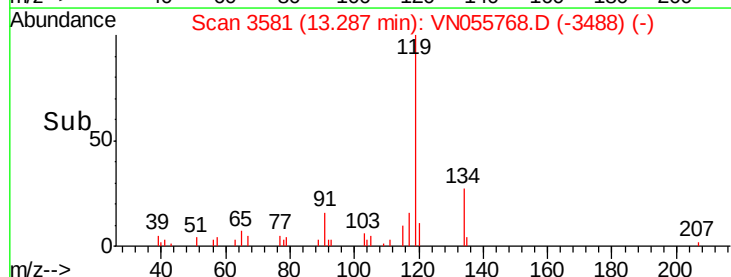
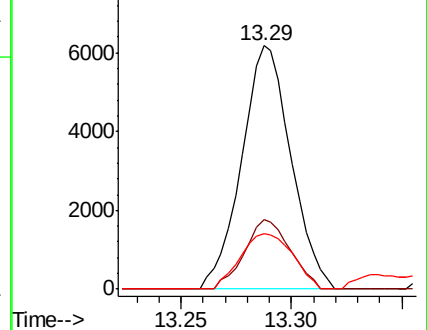
91 24.1 10.9 32.9

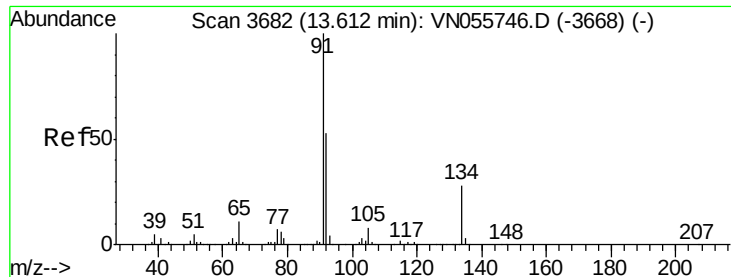


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 0.603 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN055768.D

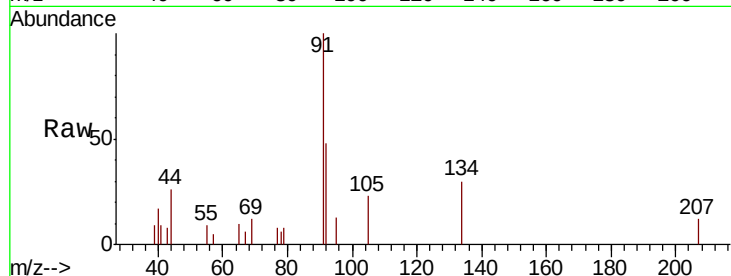
Acq: 23 May 2019 21:22

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 91    | Resp: | 6215  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 39.5  | 26.4  | 79.0  |
| 134      | 64.5  | 13.9  | 41.7# |

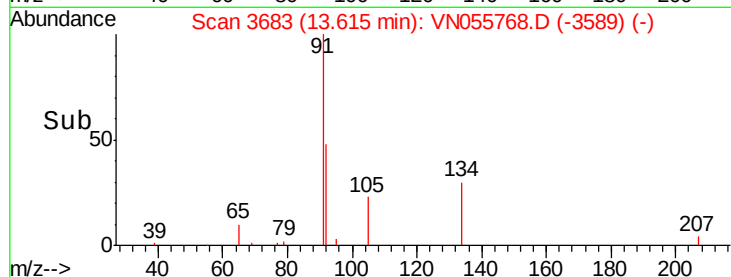


Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3668) (-)

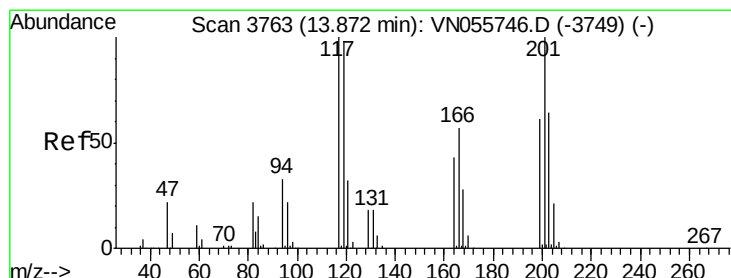
Ion 92.00 (91.70 to 92.70): VN055746.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055746.D (-3668) (-)

Time-->



Time-->



#90

Hexachloroethane

Concen: 0.617 ug/l

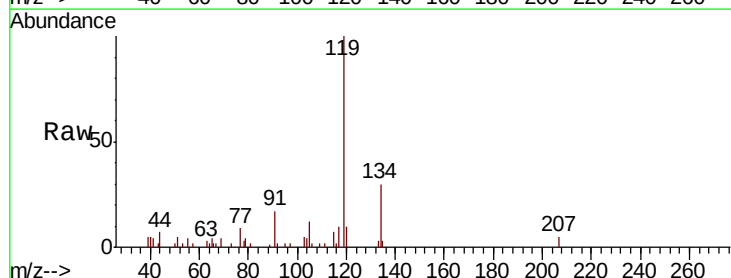
RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055768.D

Acq: 23 May 2019 21:22

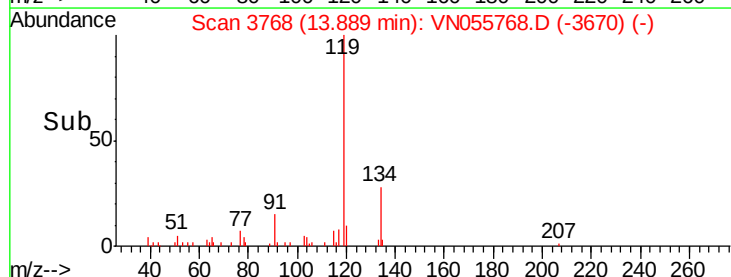
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 1578   |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 201      | 0.0   | 50.0  | 150.0# |



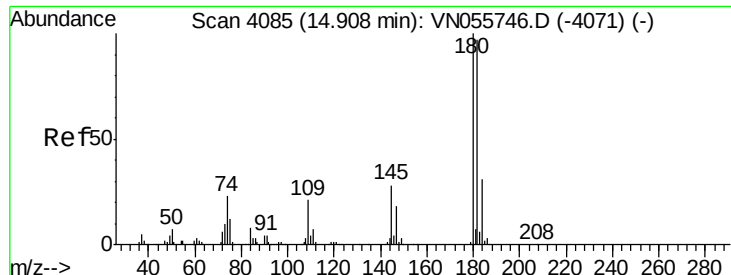
Abundance Ion 116.80 (116.50 to 117.50): VN055746.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055746.D (-3749) (-)

Time-->



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.669 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055768.D

Acq: 23 May 2019 21:22

Instrument :

MSVOA\_N

ClientSampleId :

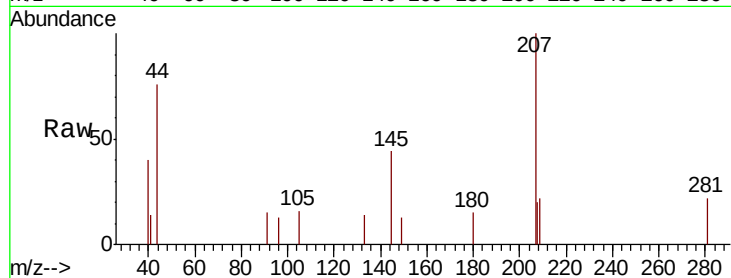
Tot Ion:180 Resp: 130

Ion Ratio Lower Upper

180 100

182 0.0 48.3 144.9#

145 924.6 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

