

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN090519\  
 Data File : VN057698.D  
 Acq On : 5 Sep 2019 12:09  
 Operator : JC/SP  
 Sample : K4677-02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 002-35TH-AVE-(SEP)

Quant Time: Sep 06 01:29:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\624N090319W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Sep 04 02:08:50 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.18  | 128  | 58720    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.58  | 114  | 355730   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.41 | 117  | 280376   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 8.02   | 65    | 191218   | 30.63    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 102.10% |
| 60) 4-Bromofluorobenzene  | 12.40  | 95    | 114401   | 23.88    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 79.60%  |
| 63) Toluene-d8            | 10.09  | 98    | 433184   | 32.09    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 106.97% |

## Target Compounds

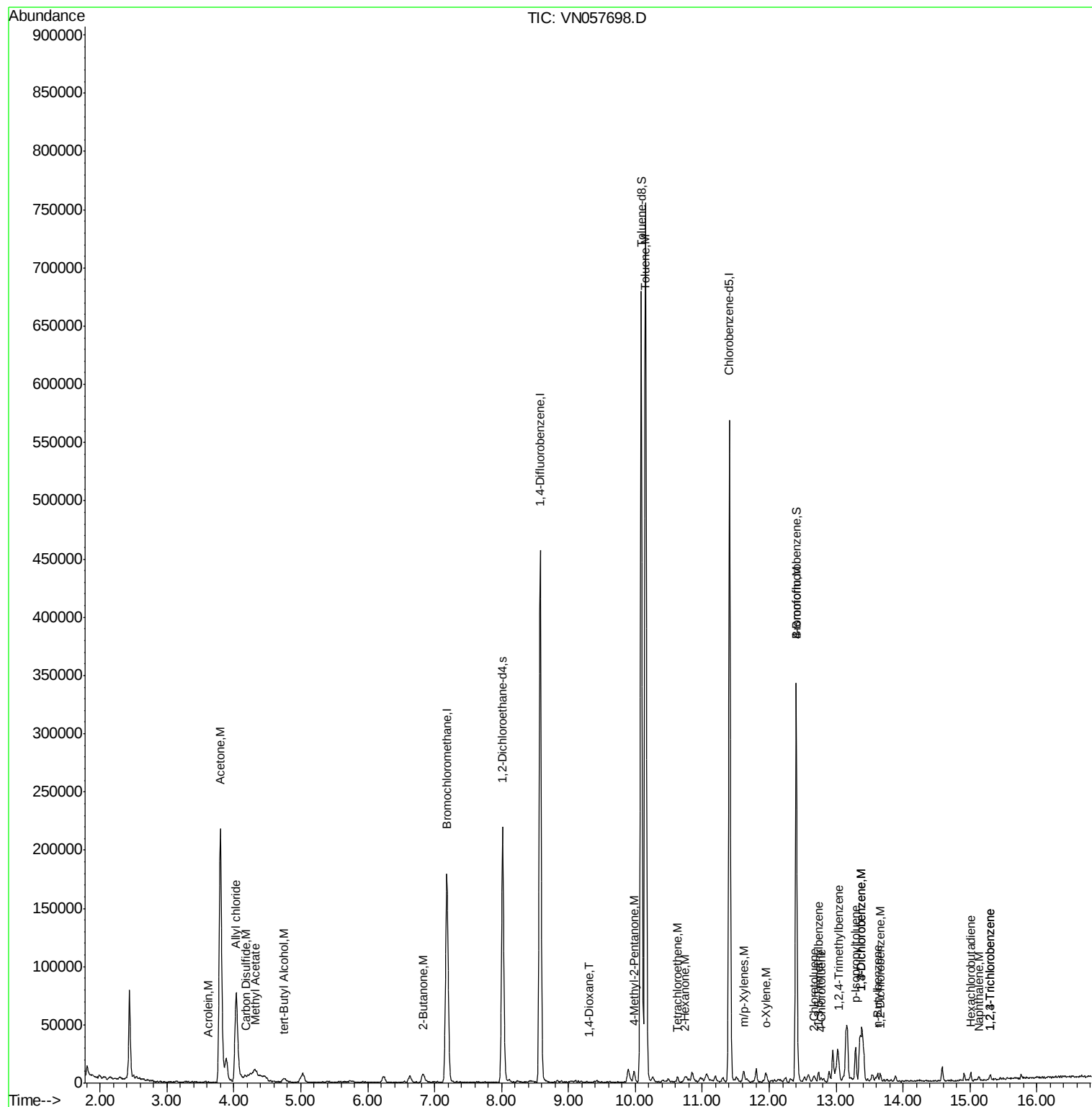
|                            |       |     |        |              | Qvalue |
|----------------------------|-------|-----|--------|--------------|--------|
| 12) Methyl Acetate         | 4.32  | 43  | 5659   | 1.144 ug/l   | 94     |
| 13) Acrolein               | 3.62  | 56  | 109    | 0.388 ug/l # | 32     |
| 15) Acetone                | 3.80  | 58  | 92744  | 183.678 ug/l | 96     |
| 16) Carbon Disulfide       | 4.18  | 76  | 1846   | 0.222 ug/l   | 98     |
| 17) Allyl chloride         | 4.03  | 41  | 7507   | 1.061 ug/l   | 95     |
| 23) tert-Butyl Alcohol     | 4.74  | 59  | 1987   | 3.036 ug/l # | 100    |
| 30) 2-Butanone             | 6.82  | 43  | 13749  | 5.124 ug/l # | 82     |
| 45) 1,4-Dioxane            | 9.30  | 88  | 69     | 1.040 ug/l # | 1      |
| 56) Bromoform              | 12.39 | 173 | 578    | 0.229 ug/l # | 36     |
| 58) 4-Methyl-2-Pentanone   | 9.98  | 43  | 7337   | 1.481 ug/l   | 98     |
| 59) 2-Hexanone             | 10.75 | 43  | 814    | 0.232 ug/l # | 1      |
| 61) Tetrachloroethene      | 10.62 | 164 | 799    | 0.248 ug/l # | 80     |
| 62) Toluene                | 10.15 | 91  | 537454 | 34.141 ug/l  | 99     |
| 67) m/p-Xylenes            | 11.62 | 106 | 2652   | 0.430 ug/l   | 94     |
| 68) o-Xylene               | 11.95 | 106 | 2305   | 0.375 ug/l   | 85     |
| 75) 2-Chlorotoluene        | 12.67 | 91  | 2490   | 0.213 ug/l   | 88     |
| 76) 1,3,5-Trimethylbenzene | 12.74 | 105 | 4264   | 0.305 ug/l   | 93     |
| 78) 4-Chlorotoluene        | 12.78 | 91  | 2905   | 0.262 ug/l   | 82     |
| 80) 1,2,4-Trimethylbenzene | 13.04 | 105 | 6203   | 0.472 ug/l   | 99     |
| 82) p-Isopropyltoluene     | 13.29 | 119 | 6984   | 0.531 ug/l   | 99     |
| 83) 1,3-Dichlorobenzene    | 13.36 | 146 | 1997   | 0.373 ug/l   | 78     |
| 84) 1,4-Dichlorobenzene    | 13.36 | 146 | 1997   | 0.395 ug/l   | 76     |
| 85) n-Butylbenzene         | 13.62 | 91  | 3975   | 0.344 ug/l   | 87     |
| 87) 1,2-Dichlorobenzene    | 13.66 | 146 | 2062   | 0.418 ug/l   | 84     |
| 89) 1,2,4-Trichlorobenzene | 15.30 | 180 | 1143   | 0.668 ug/l   | 95     |
| 90) Hexachlorobutadiene    | 15.01 | 225 | 858    | 0.452 ug/l   | 61     |
| 91) Naphthalene            | 15.14 | 128 | 2848   | 0.641 ug/l # | 94     |
| 92) 1,2,3-Trichlorobenzene | 15.30 | 180 | 1143   | 0.688 ug/l   | 91     |

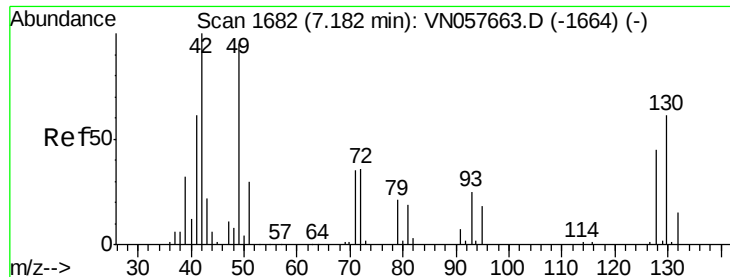
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Wed Sep 04 02:08:50 2019  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057698.D

Acq: 5 Sep 2019 12:09

Instrument :

MSVOA\_N

ClientSampleId :

002-35TH-AVE-(SEP)

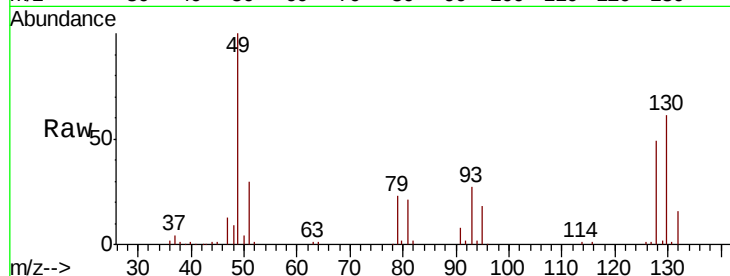
Tgt Ion:128 Resp: 58720

Ion Ratio Lower Upper

128 100

49 209.1 0.0 544.5

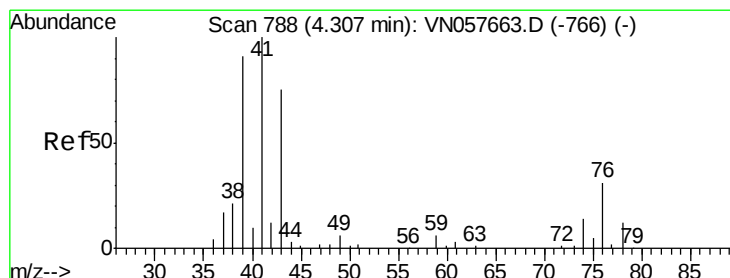
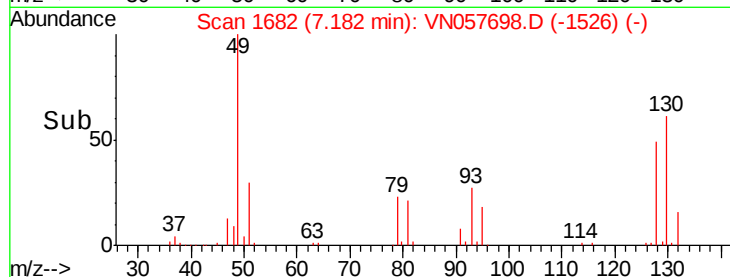
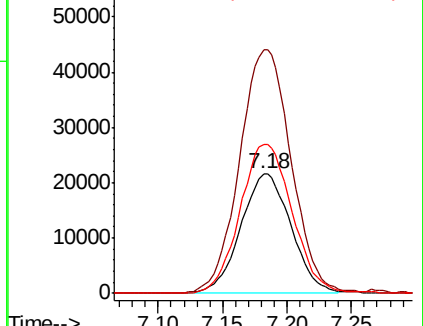
130 128.8 0.0 324.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#12

Methyl Acetate

Concen: 1.144 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.02 min

Lab File: VN057698.D

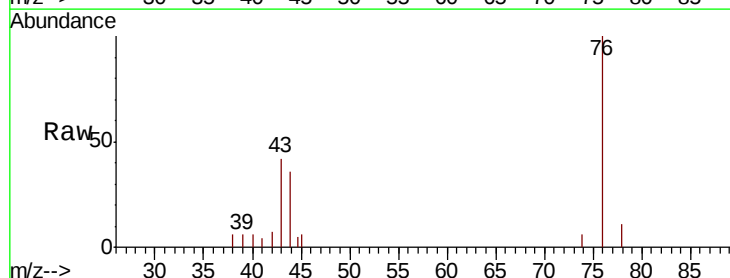
Acq: 5 Sep 2019 12:09

Tgt Ion: 43 Resp: 5659

Ion Ratio Lower Upper

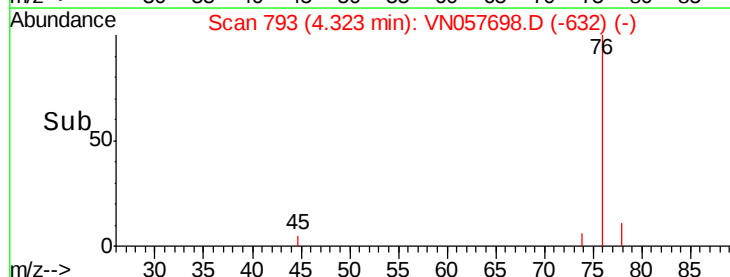
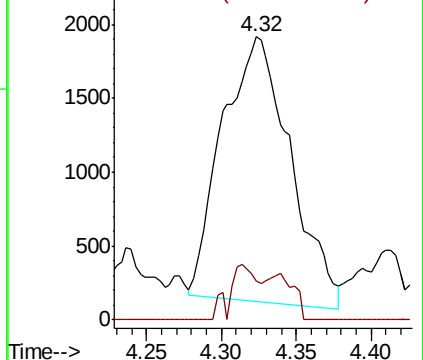
43 100

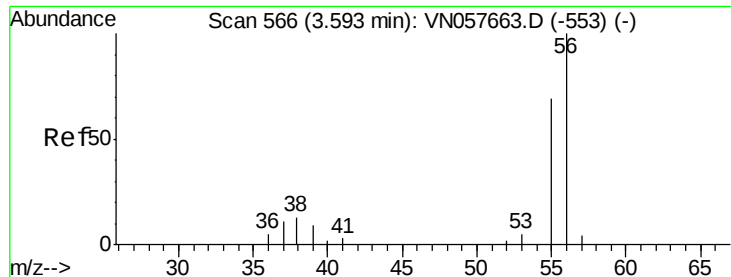
74 15.6 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#13

Acrolein

Concen: 0.388 ug/l

RT: 3.62 min Scan# 575

Delta R.T. 0.03 min

Lab File: VN057698.D

Acq: 5 Sep 2019 12:09

Instrument :

MSVOA\_N

ClientSampleId :

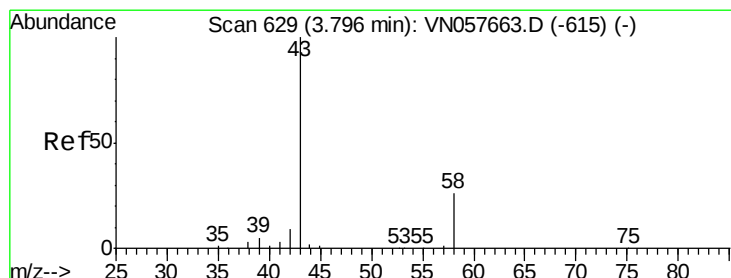
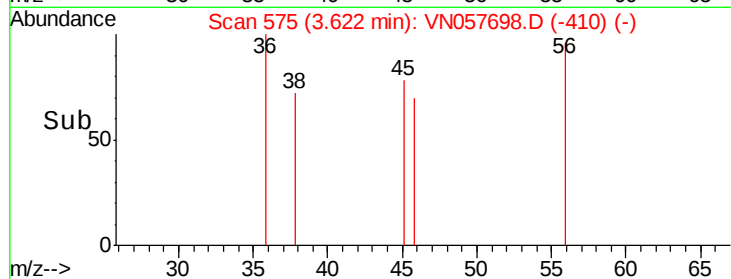
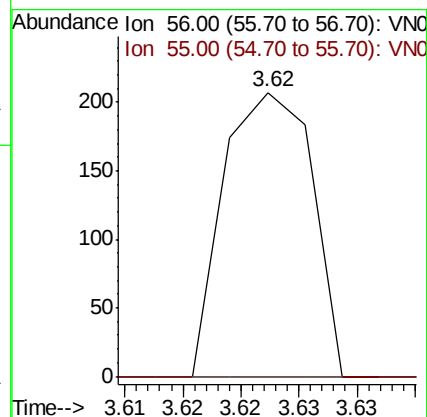
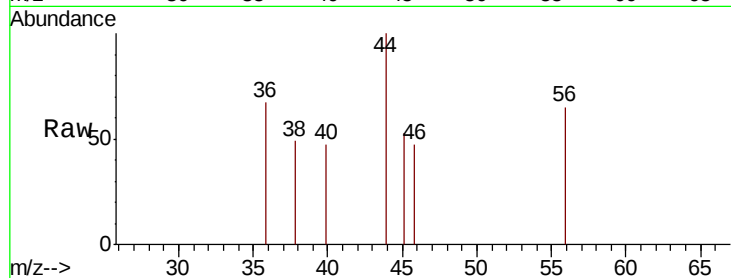
002-35TH-AVE-(SEP)

Tgt Ion: 56 Resp: 109

Ion Ratio Lower Upper

56 100

55 122.9 54.2 81.4#



#15

Acetone

Concen: 183.678 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057698.D

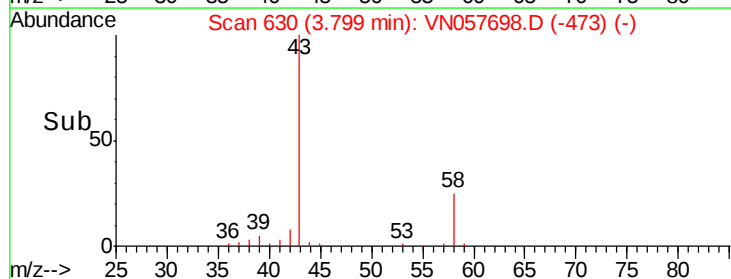
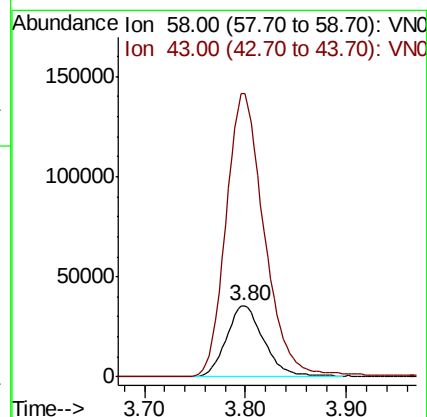
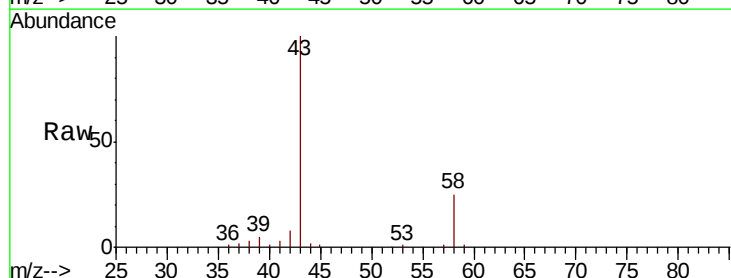
Acq: 5 Sep 2019 12:09

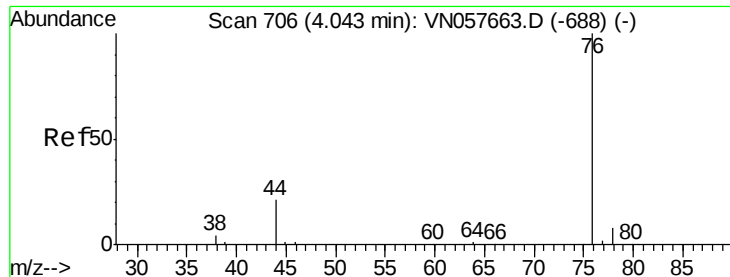
Tgt Ion: 58 Resp: 92744

Ion Ratio Lower Upper

58 100

43 396.4 308.8 463.2

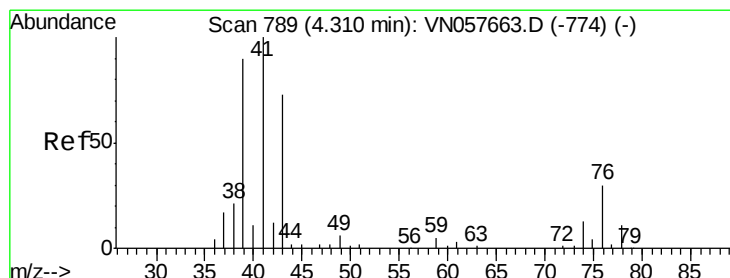
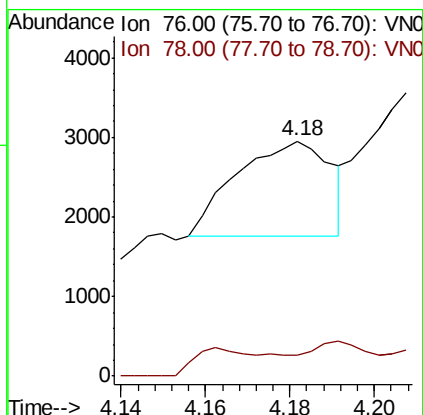
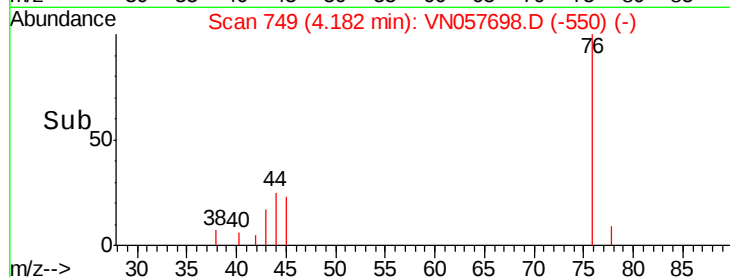
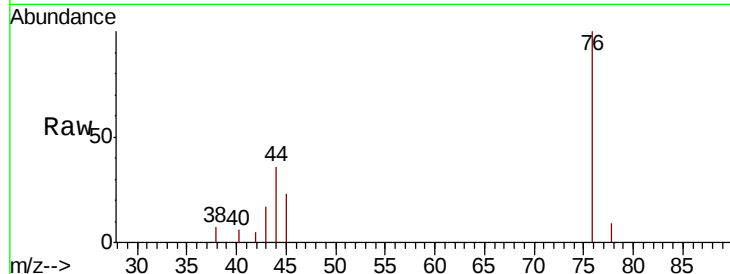




#16  
Carbon Disulfide  
Concen: 0.222 ug/l  
RT: 4.18 min Scan# 749  
Delta R.T. 0.14 min  
Lab File: VN057698.D  
Acq: 5 Sep 2019 12:09

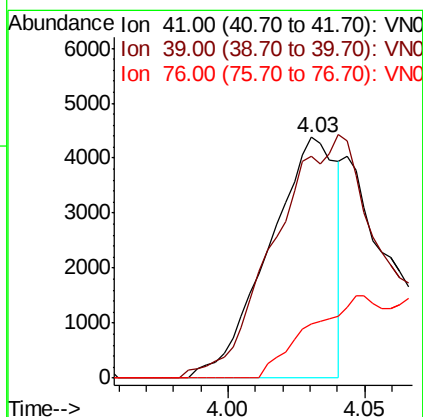
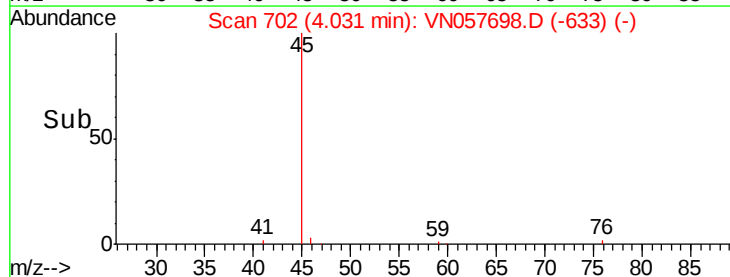
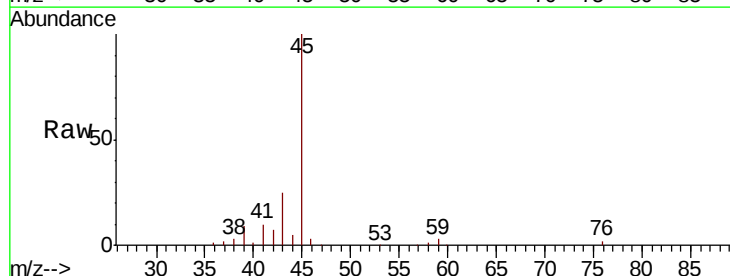
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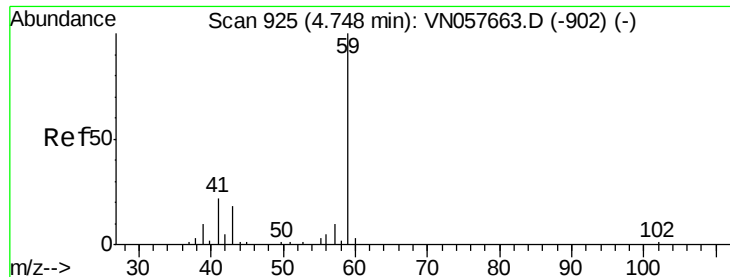
Tgt Ion: 76 Resp: 1846  
Ion Ratio Lower Upper  
76 100  
78 9.1 6.8 10.2



#17  
Allyl chloride  
Concen: 1.061 ug/l  
RT: 4.03 min Scan# 702  
Delta R.T. -0.28 min  
Lab File: VN057698.D  
Acq: 5 Sep 2019 12:09

Tgt Ion: 41 Resp: 7507  
Ion Ratio Lower Upper  
41 100  
39 88.7 43.0 128.8  
76 22.3 14.2 42.8

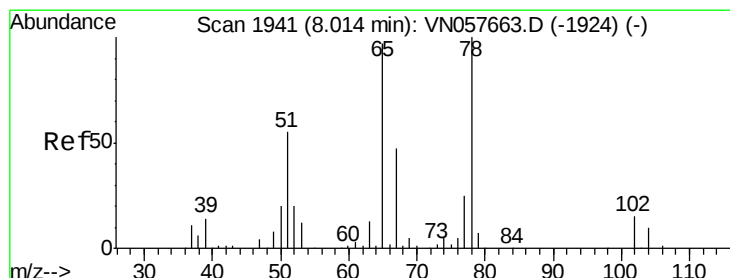
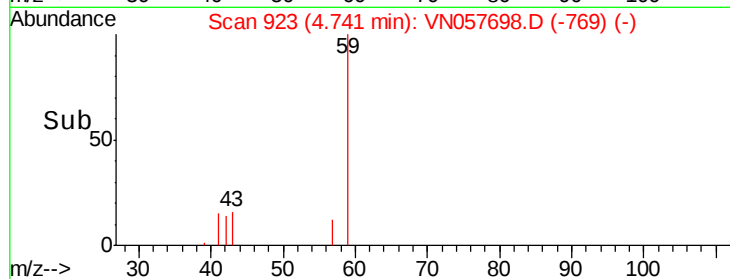
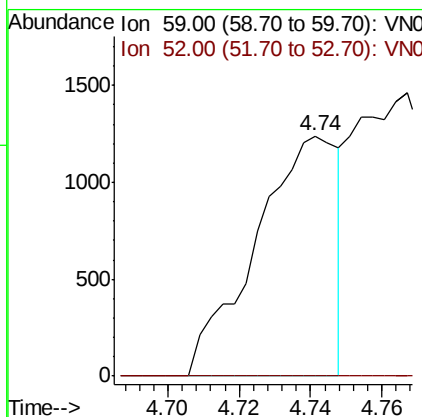
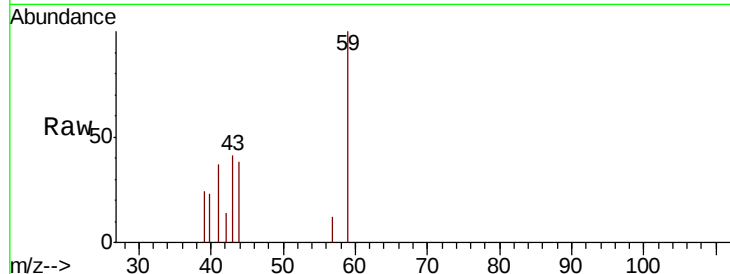




#23  
 tert-Butyl Alcohol  
 Concen: 3.036 ug/l  
 RT: 4.74 min Scan# 923  
 Delta R.T. -0.01 min  
 Lab File: VN057698.D  
 Acq: 5 Sep 2019 12:09

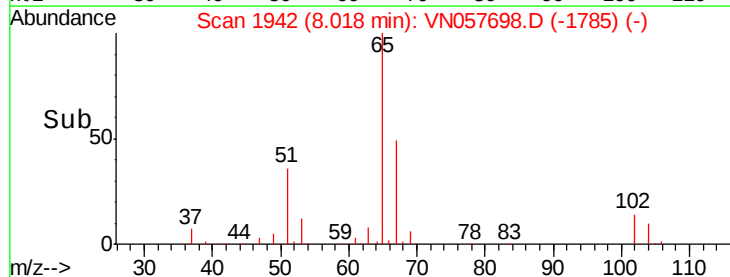
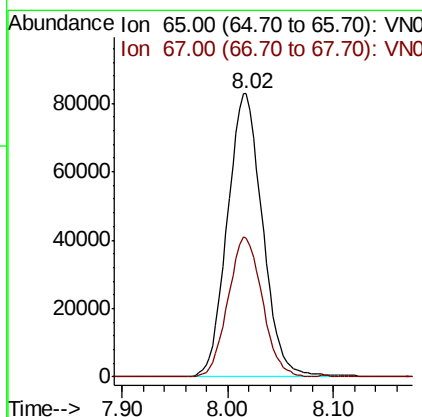
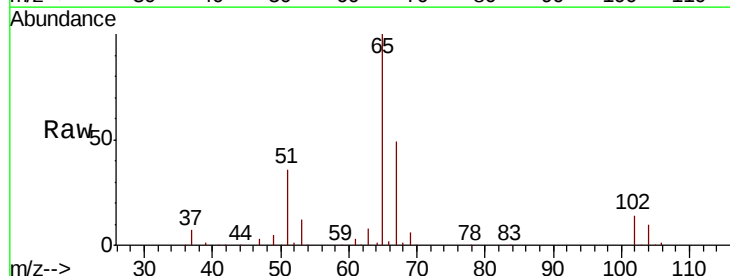
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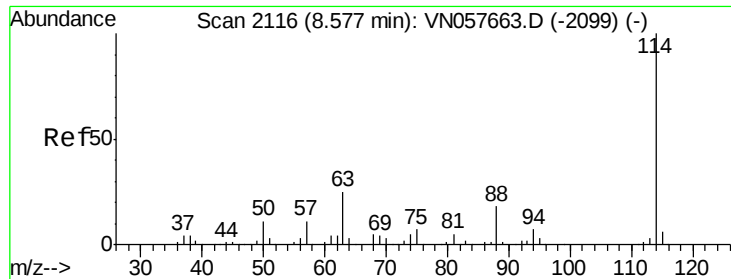
Tgt Ion: 59 Resp: 1987  
 Ion Ratio Lower Upper  
 59 100  
 52 0.0 0.0 0.0



#27  
 1,2-Dichloroethane-d4  
 Concen: 30.633 ug/l  
 RT: 8.02 min Scan# 1942  
 Delta R.T. 0.00 min  
 Lab File: VN057698.D  
 Acq: 5 Sep 2019 12:09

Tgt Ion: 65 Resp: 191218  
 Ion Ratio Lower Upper  
 65 100  
 67 48.1 38.6 57.8

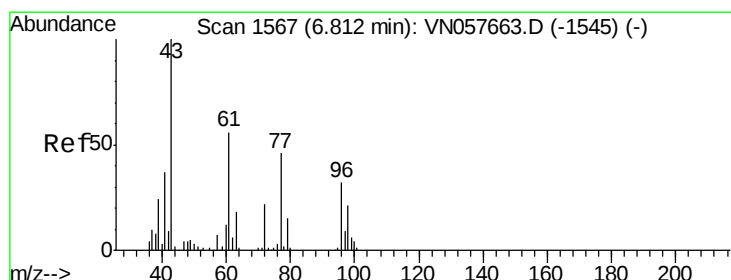
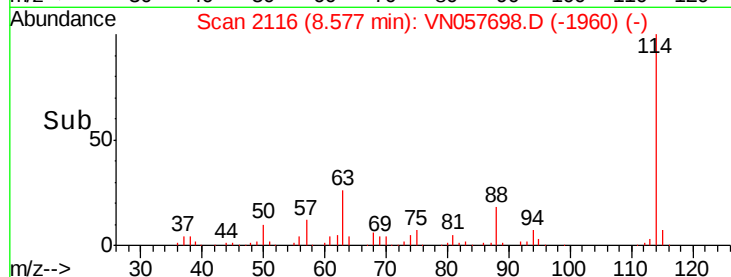
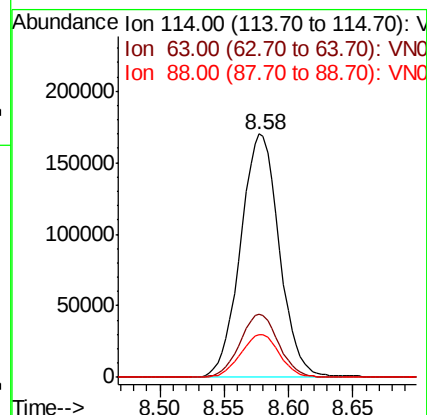
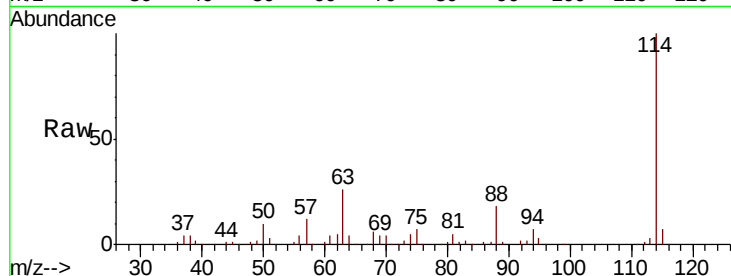




#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 8.58 min Scan# 2116  
 Delta R.T. 0.00 min  
 Lab File: VN057698.D  
 Acq: 5 Sep 2019 12:09

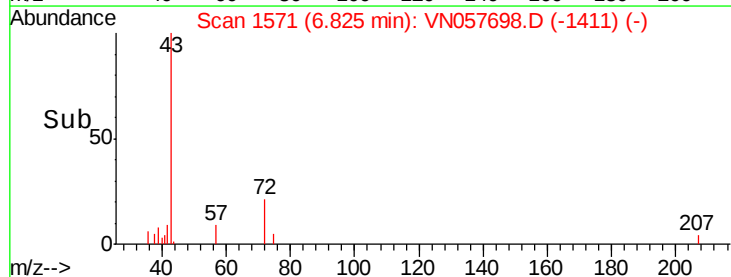
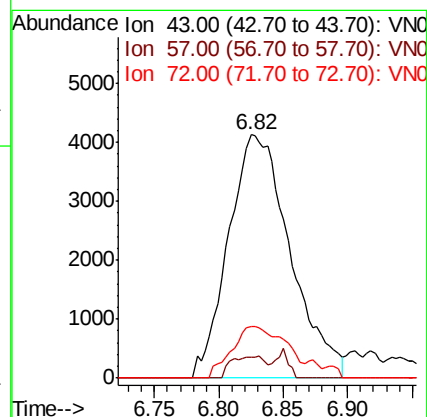
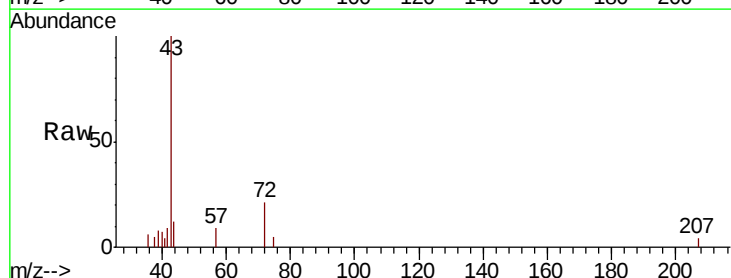
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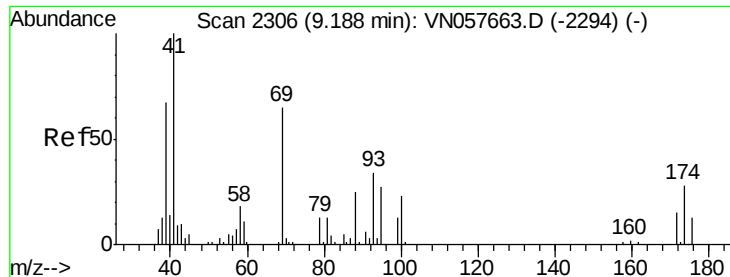
Tgt Ion:114 Resp: 355730  
 Ion Ratio Lower Upper  
 114 100  
 63 25.7 20.6 30.8  
 88 17.5 14.3 21.5



#30  
 2-Butanone  
 Concen: 5.124 ug/l  
 RT: 6.82 min Scan# 1571  
 Delta R.T. 0.01 min  
 Lab File: VN057698.D  
 Acq: 5 Sep 2019 12:09

Tgt Ion: 43 Resp: 13749  
 Ion Ratio Lower Upper  
 43 100  
 57 1.6 2.6 3.8#  
 72 12.8 18.1 27.1#

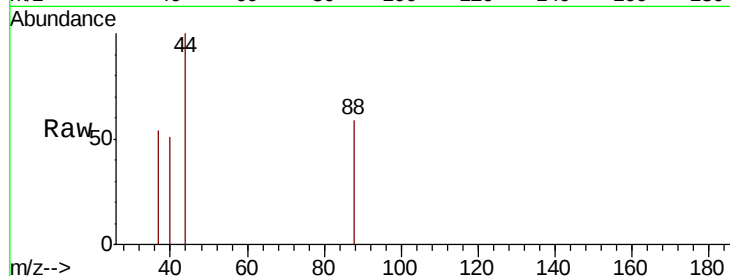




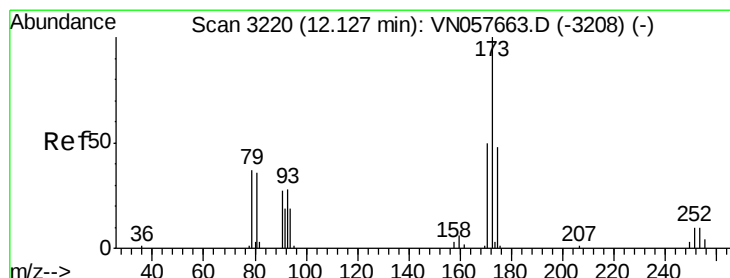
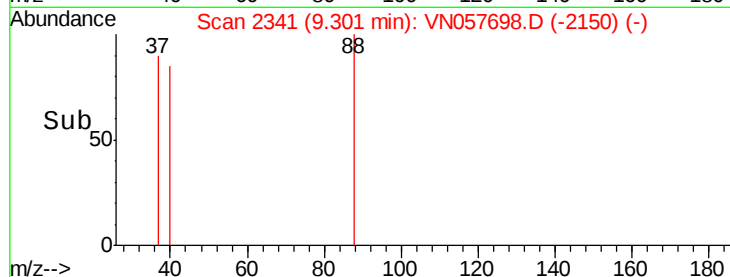
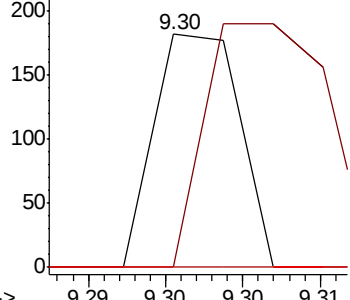
#45  
 1,4-Dioxane  
 Concen: 1.040 ug/l  
 RT: 9.30 min Scan# 2341  
 Delta R.T. 0.11 min  
 Lab File: VN057698.D  
 Acq: 5 Sep 2019 12:09

Instrument :  
 MSVOA\_N  
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 002-35TH-AVE-(SEP)

Tgt Ion: 88 Resp: 69  
 Ion Ratio Lower Upper  
 88 100  
 43 149.3 31.0 46.4#  
 58 0.0 58.2 87.2#

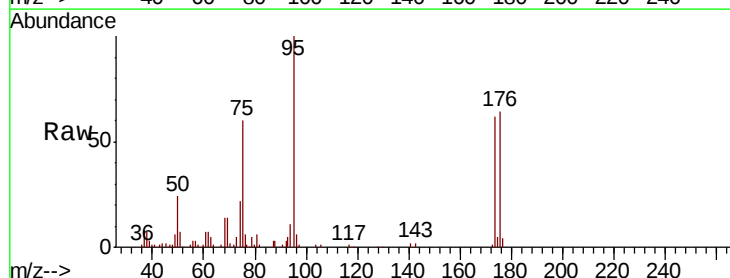


Abundance Ion 88.00 (87.70 to 88.70): VN057663.D (-2294) (-)  
 Ion 43.00 (42.70 to 43.70): VN057663.D (-2294) (-)  
 Ion 58.00 (57.70 to 58.70): VN057663.D (-2294) (-)

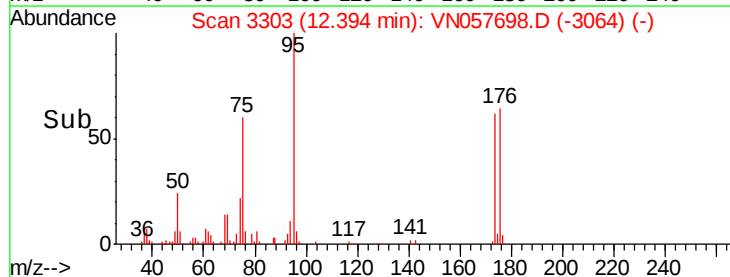
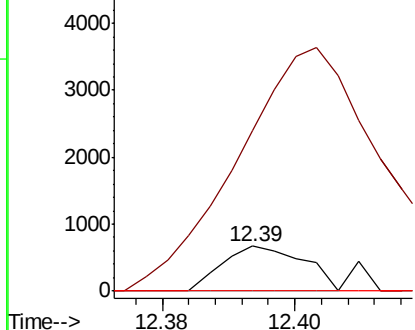


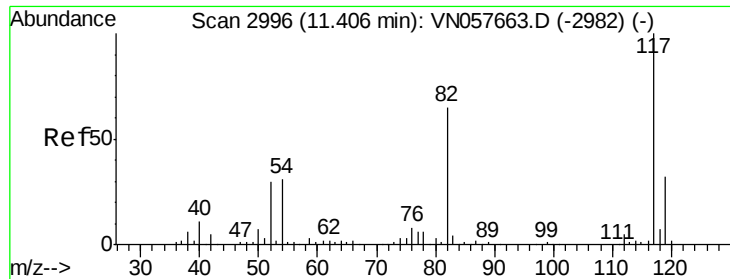
#56  
 Bromoform  
 Concen: 0.229 ug/l  
 RT: 12.39 min Scan# 3303  
 Delta R.T. 0.27 min  
 Lab File: VN057698.D  
 Acq: 5 Sep 2019 12:09

Tgt Ion: 173 Resp: 578  
 Ion Ratio Lower Upper  
 173 100  
 175 0.0 38.8 58.2#  
 254 0.0 7.2 10.8#



Abundance Ion 173.00 (172.70 to 173.70): VN057663.D (-3208) (-)  
 Ion 175.00 (174.70 to 175.70): VN057663.D (-3208) (-)  
 Ion 254.00 (253.70 to 254.70): VN057663.D (-3208) (-)

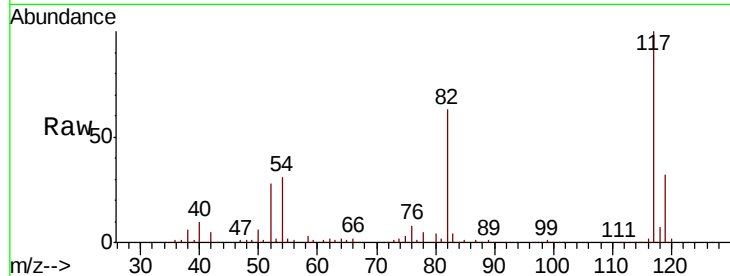




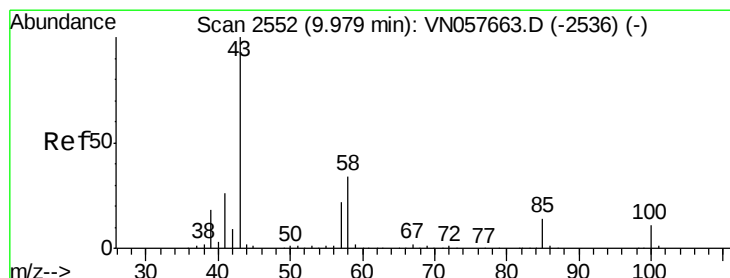
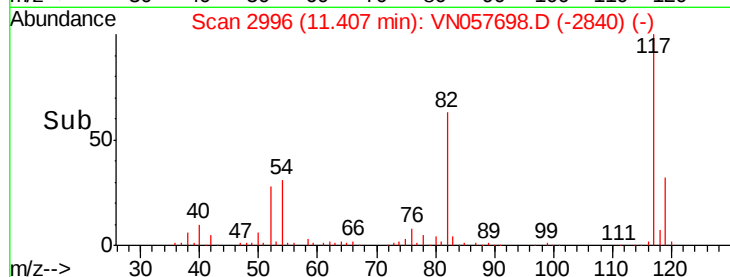
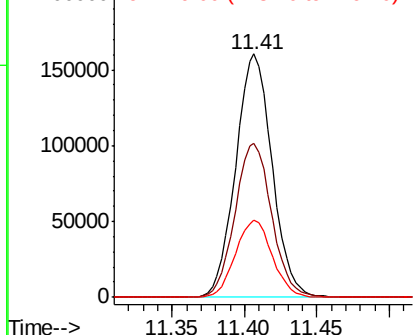
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN057698.D  
Acq: 5 Sep 2019 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
002-35TH-AVE-(SEP)

Tgt Ion: 117 Resp: 280376  
Ion Ratio Lower Upper  
117 100  
82 63.7 51.2 76.8  
119 32.0 25.8 38.6

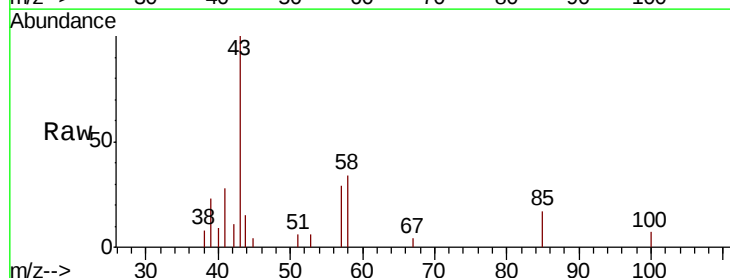


Abundance Ion 117.00 (116.70 to 117.70): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 119.00 (118.70 to 119.70): V

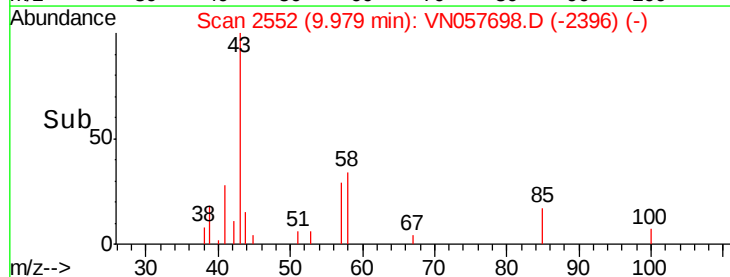
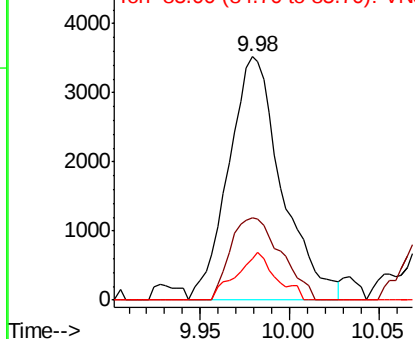


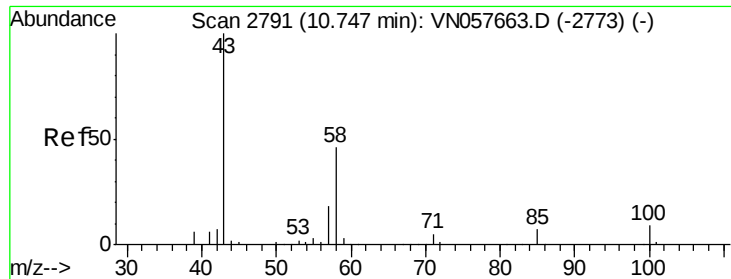
#58  
4-Methyl-2-Pentanone  
Concen: 1.481 ug/l  
RT: 9.98 min Scan# 2552  
Delta R.T. 0.00 min  
Lab File: VN057698.D  
Acq: 5 Sep 2019 12:09

Tgt Ion: 43 Resp: 7337  
Ion Ratio Lower Upper  
43 100  
58 32.3 26.7 40.1  
85 13.3 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): V  
Ion 58.00 (57.70 to 58.70): V  
Ion 85.00 (84.70 to 85.70): V

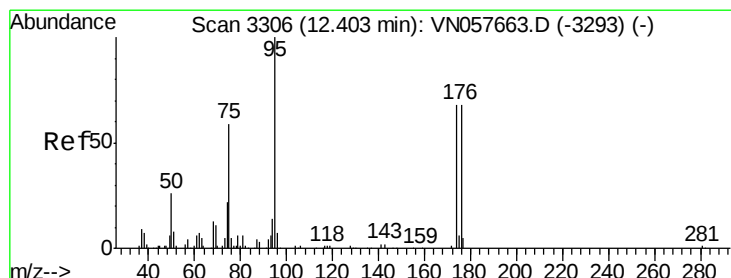
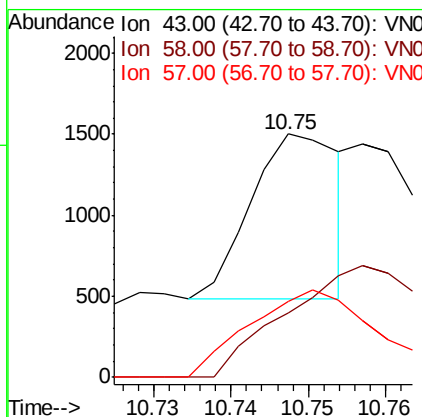
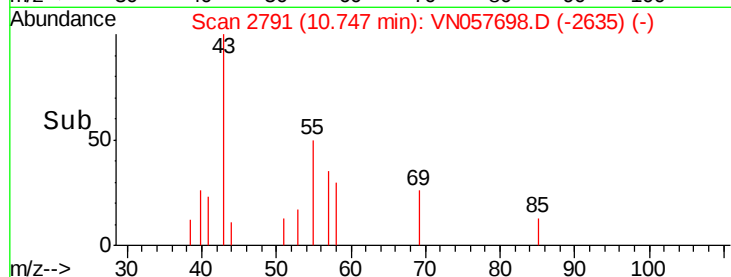
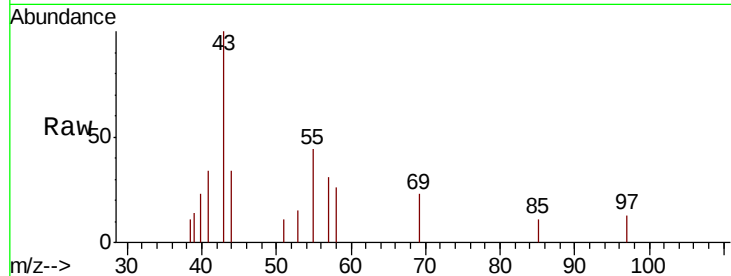




#59  
2-Hexanone  
Concen: 0.232 ug/l  
RT: 10.75 min Scan# 2791  
Delta R.T. 0.00 min  
Lab File: VN057698.D  
Acq: 5 Sep 2019 12:09

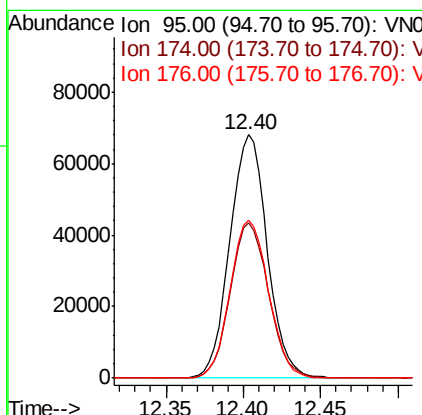
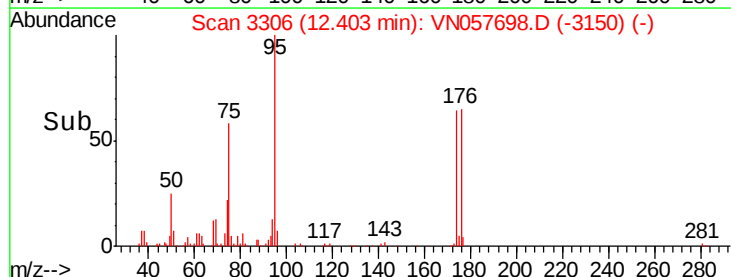
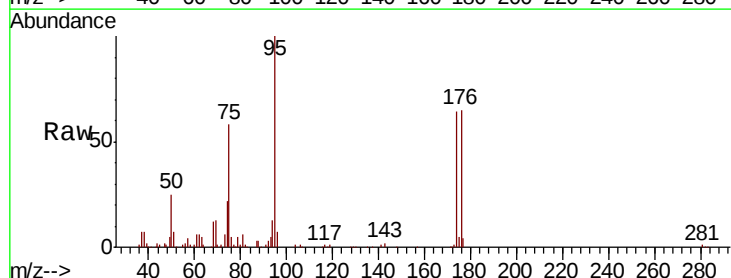
Instrument :  
MSVOA\_N  
ClientSampleId :  
002-35TH-AVE-(SEP)

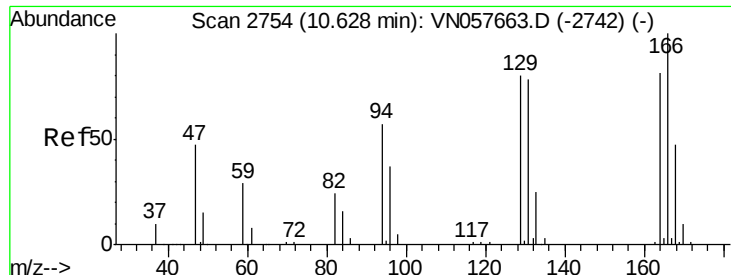
Tgt Ion: 43 Resp: 814  
Ion Ratio Lower Upper  
43 100  
58 115.2 36.1 54.1#  
57 76.7 14.1 21.1#



#60  
4-Bromofluorobenzene  
Concen: 23.883 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.00 min  
Lab File: VN057698.D  
Acq: 5 Sep 2019 12:09

Tgt Ion: 95 Resp: 114401  
Ion Ratio Lower Upper  
95 100  
174 65.3 55.0 82.6  
176 66.5 53.7 80.5





#61

Tetrachloroethene

Concen: 0.248 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. -0.01 min

Lab File: VN057698.D

Acq: 5 Sep 2019 12:09

Instrument :

MSVOA\_N

ClientSampleId :

002-35TH-AVE-(SEP)

Tgt Ion:164 Resp: 799

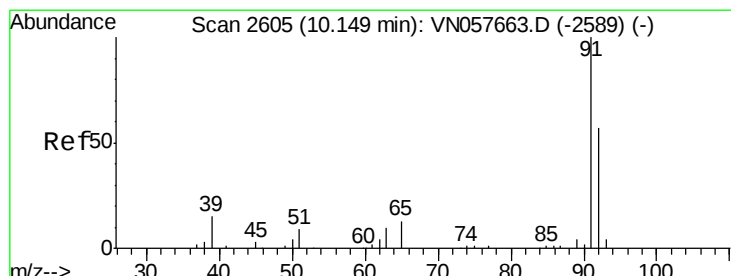
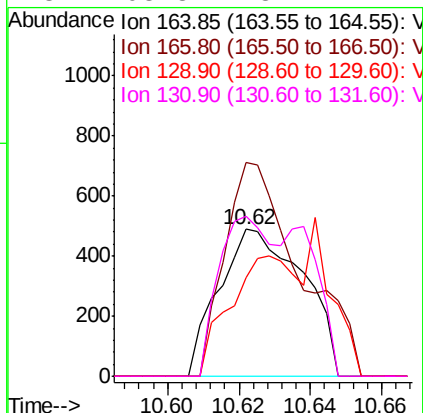
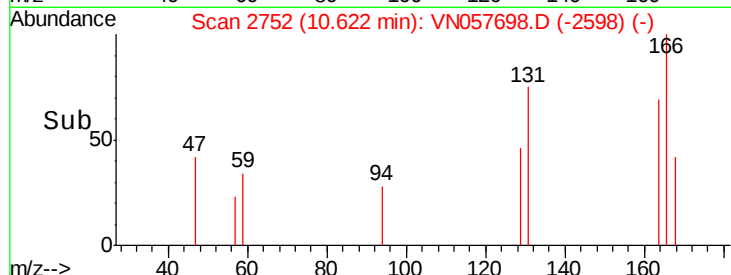
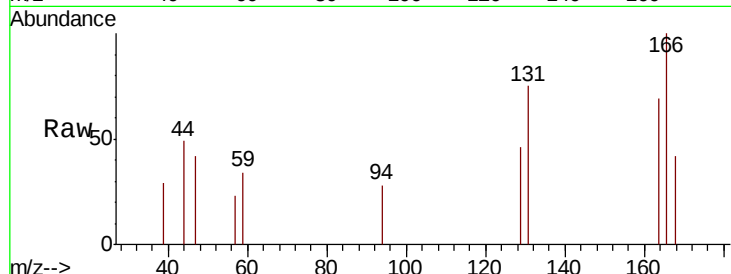
Ion Ratio Lower Upper

164 100

166 145.1 99.4 149.2

129 67.3 78.8 118.2#

131 108.8 78.2 117.2



#62

Toluene

Concen: 34.141 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057698.D

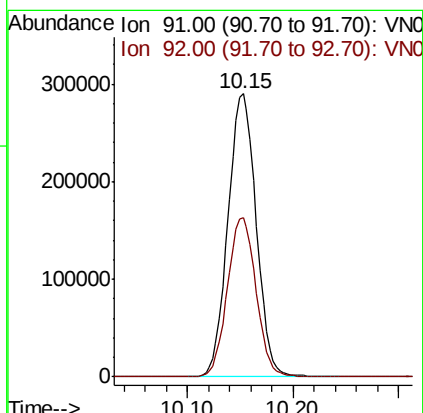
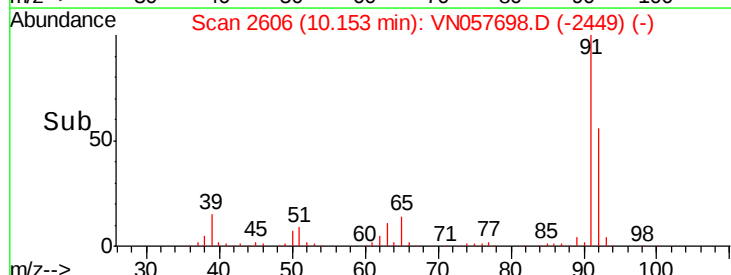
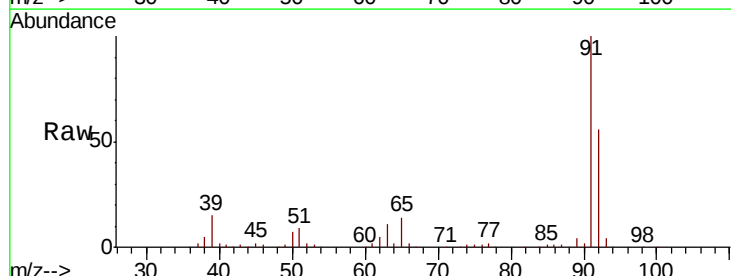
Acq: 5 Sep 2019 12:09

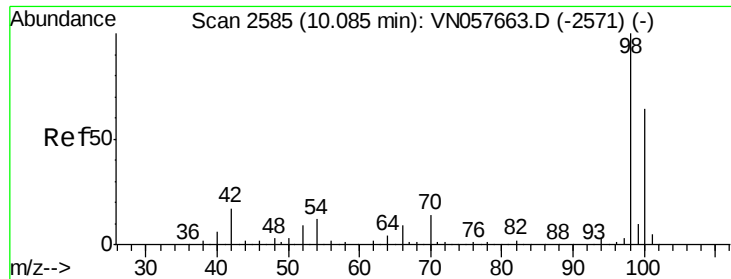
Tgt Ion: 91 Resp: 537454

Ion Ratio Lower Upper

91 100

92 56.9 46.1 69.1

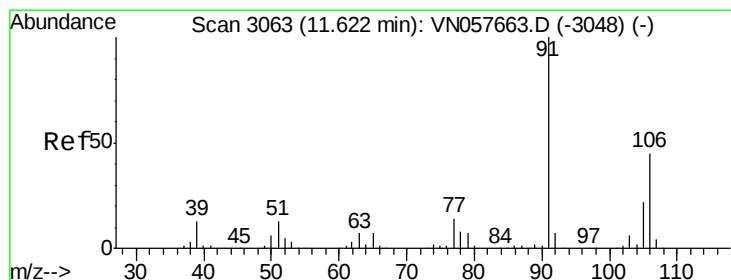
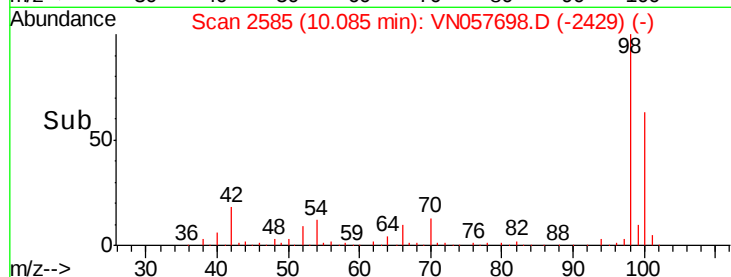
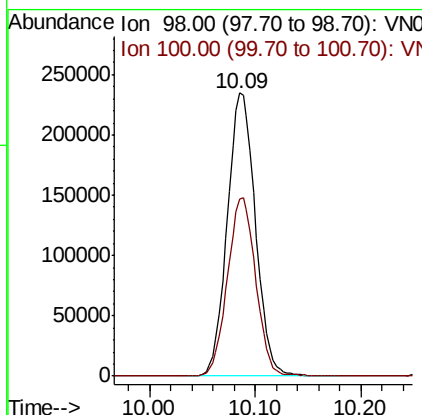
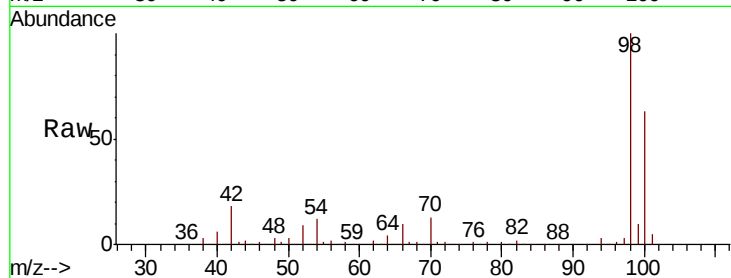




#63  
Toluene-d8  
Concen: 32.085 ug/l  
RT: 10.09 min Scan# 2585  
Delta R.T. 0.00 min  
Lab File: VN057698.D  
Acq: 5 Sep 2019 12:09

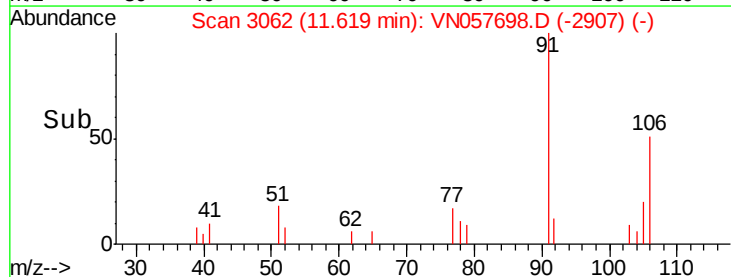
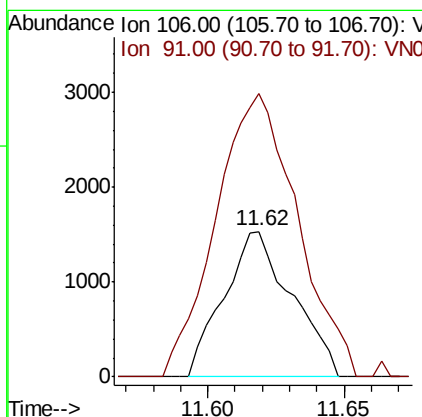
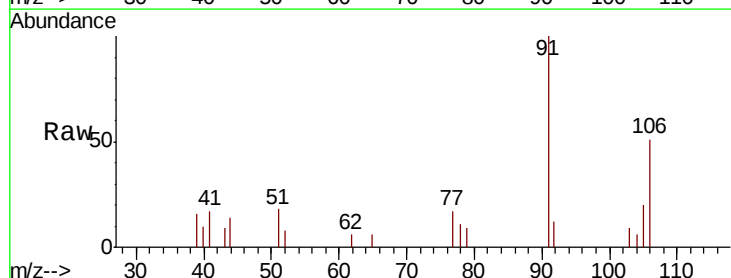
Instrument :  
MSVOA\_N  
ClientSampleId :  
002-35TH-AVE-(SEP)

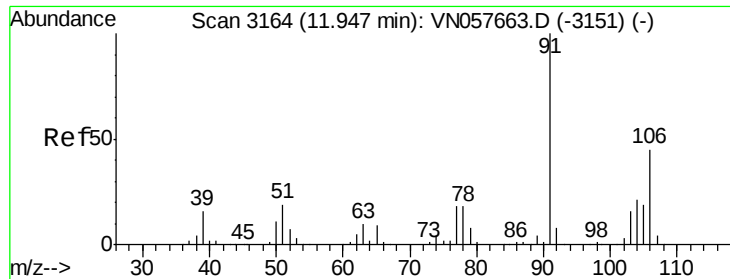
Tgt Ion: 98 Resp: 433184  
Ion Ratio Lower Upper  
98 100  
100 63.1 51.0 76.6



#67  
m/p-Xylenes  
Concen: 0.430 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN057698.D  
Acq: 5 Sep 2019 12:09

Tgt Ion: 106 Resp: 2652  
Ion Ratio Lower Upper  
106 100  
91 233.5 178.9 268.3

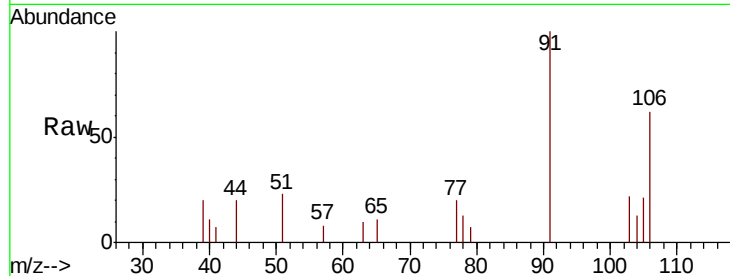




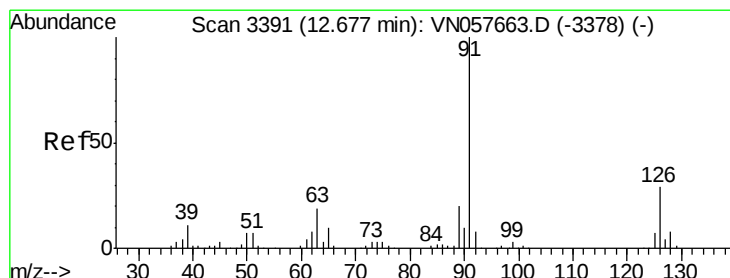
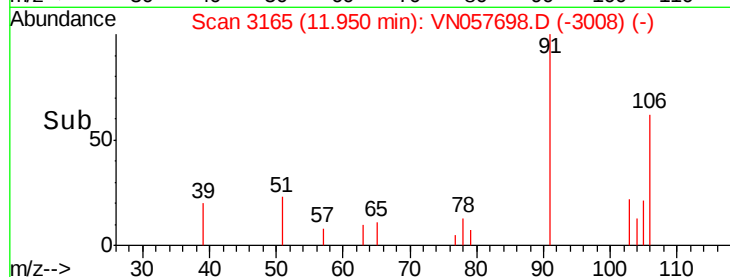
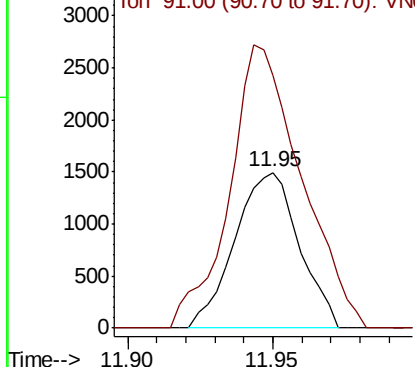
#68  
o-Xylene  
Concen: 0.375 ug/l  
RT: 11.95 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: VN057698.D  
Acq: 5 Sep 2019 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
002-35TH-AVE-(SEP)

Tgt Ion: 106 Resp: 2305  
Ion Ratio Lower Upper  
106 100  
91 202.9 114.0 342.0

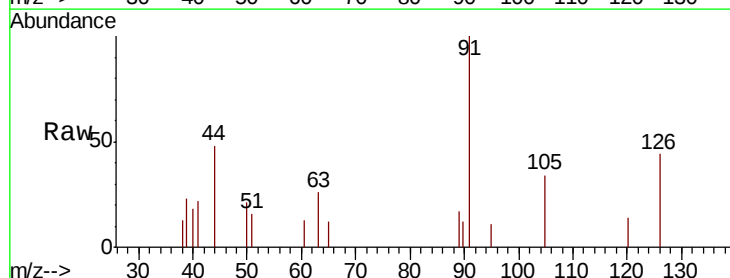


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

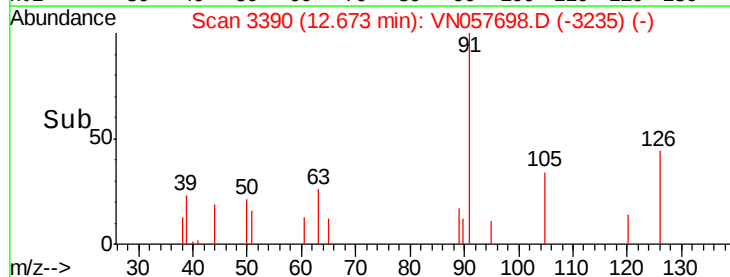
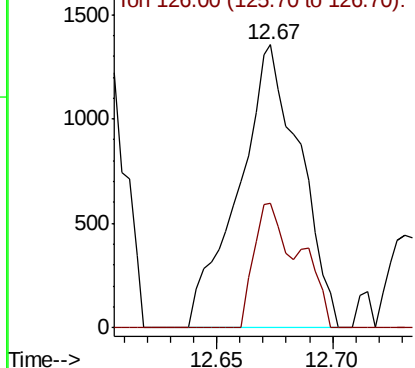


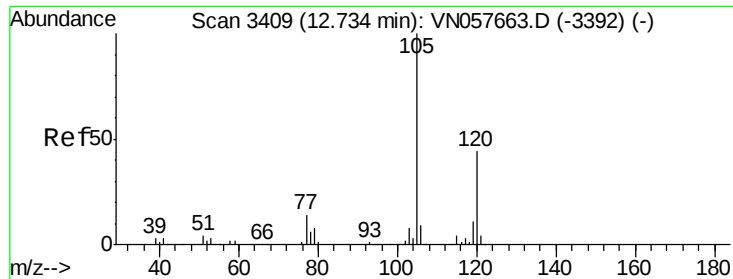
#75  
2-Chlorotoluene  
Concen: 0.213 ug/l  
RT: 12.67 min Scan# 3390  
Delta R.T. -0.00 min  
Lab File: VN057698.D  
Acq: 5 Sep 2019 12:09

Tgt Ion: 91 Resp: 2490  
Ion Ratio Lower Upper  
91 100  
126 23.3 0.0 59.2



Abundance Ion 91.00 (90.70 to 91.70): VN  
Ion 126.00 (125.70 to 126.70): V





#76

1,3,5-Trimethylbenzene

Concen: 0.305 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057698.D

Acq: 5 Sep 2019 12:09

Instrument :

MSVOA\_N

ClientSampleId :

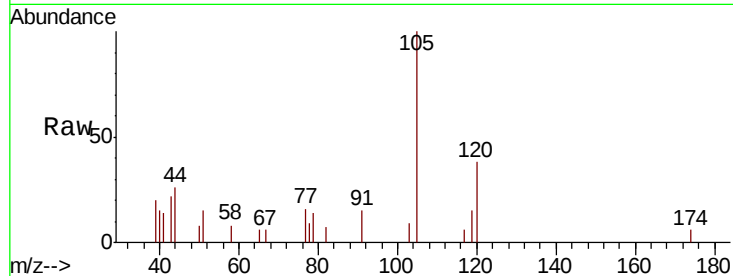
002-35TH-AVE-(SEP)

Tgt Ion: 105 Resp: 4264

Ion Ratio Lower Upper

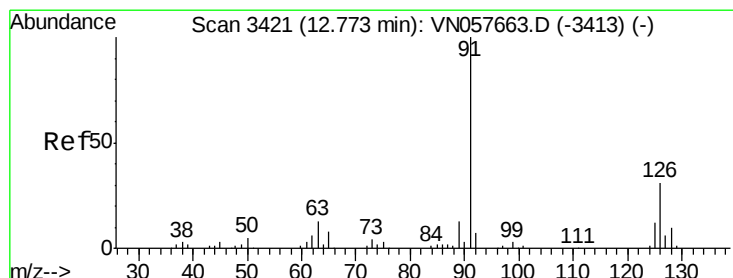
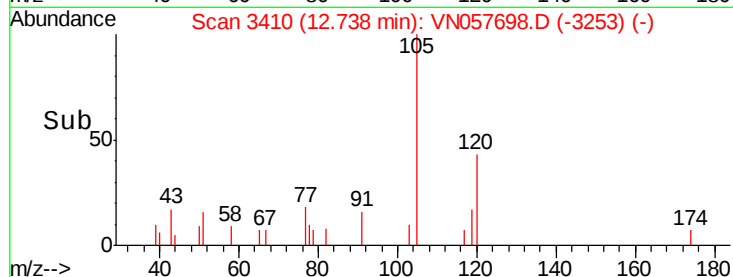
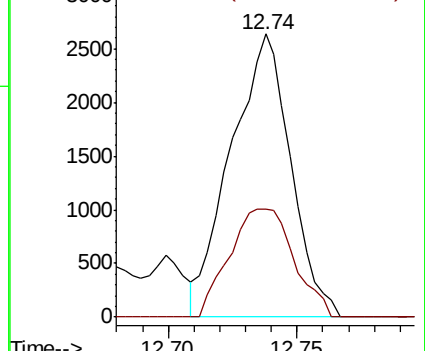
105 100

120 41.1 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

4-Chlorotoluene

Concen: 0.262 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.01 min

Lab File: VN057698.D

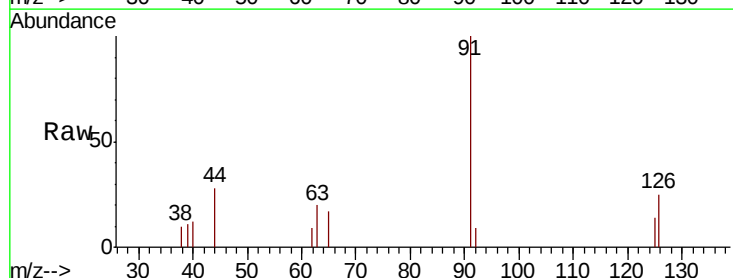
Acq: 5 Sep 2019 12:09

Tgt Ion: 91 Resp: 2905

Ion Ratio Lower Upper

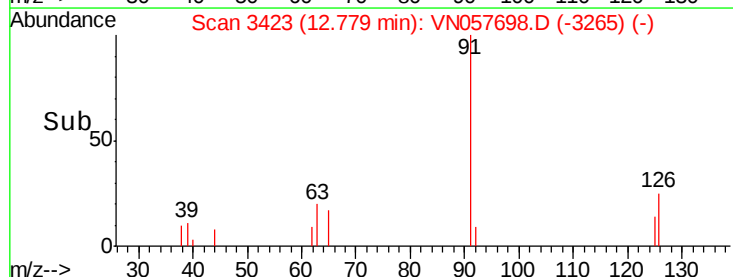
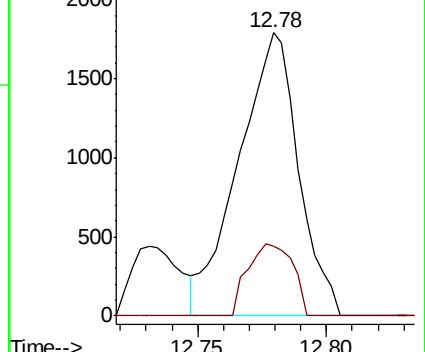
91 100

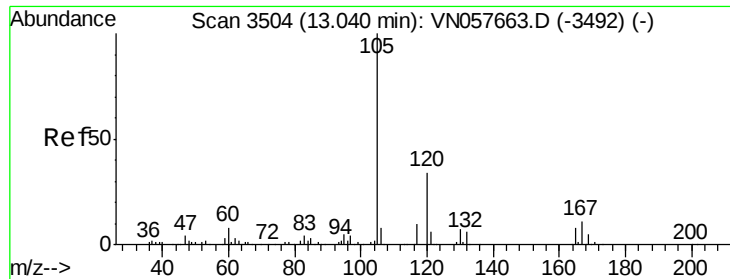
126 19.1 0.0 57.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

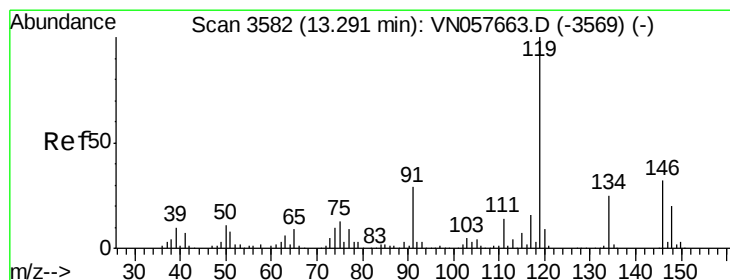
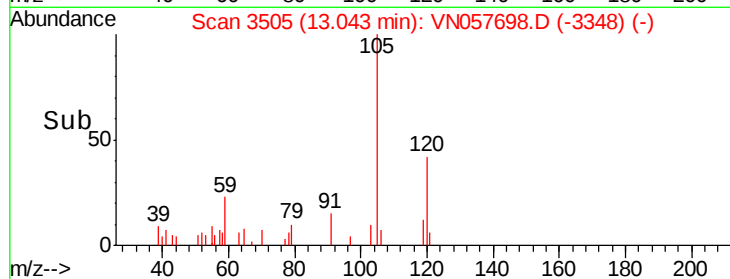
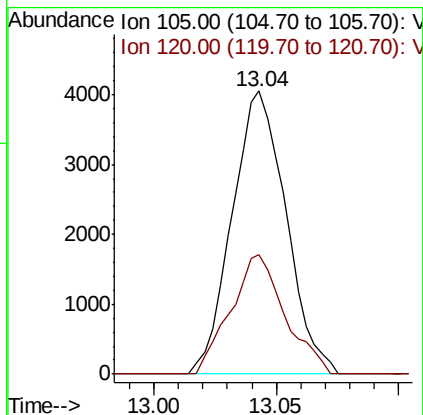
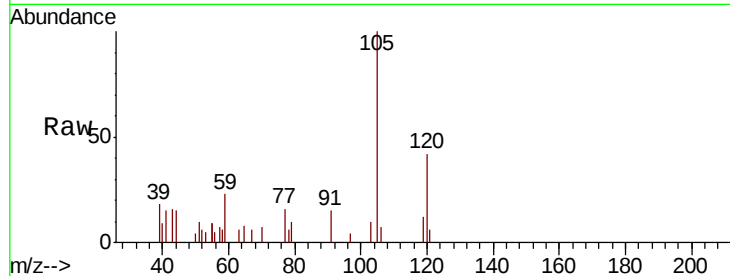




#80  
 1,2,4-Trimethylbenzene  
 Concen: 0.472 ug/l  
 RT: 13.04 min Scan# 3505  
 Delta R.T. 0.00 min  
 Lab File: VN057698.D  
 Acq: 5 Sep 2019 12:09

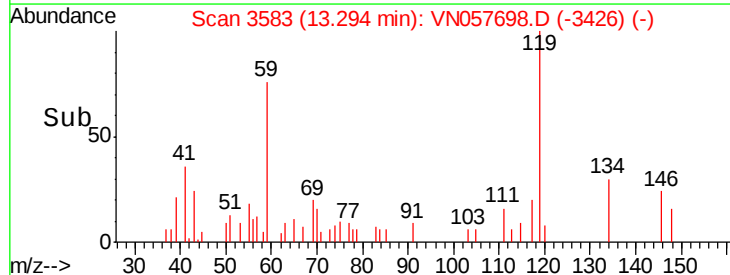
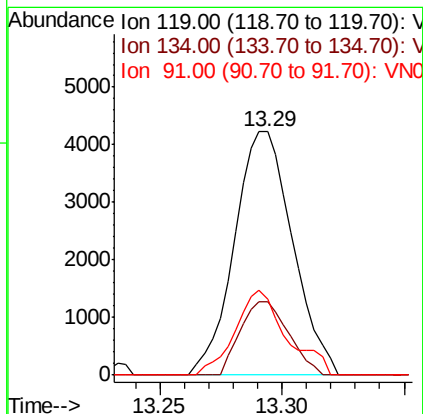
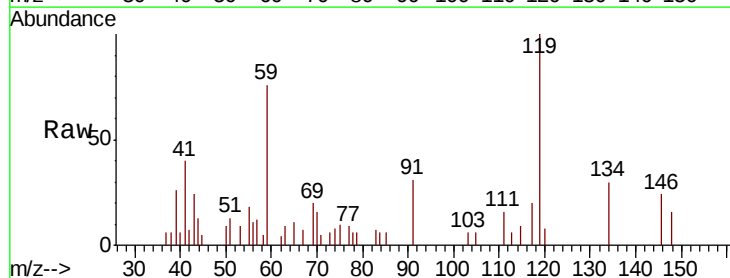
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 002-35TH-AVE-(SEP)

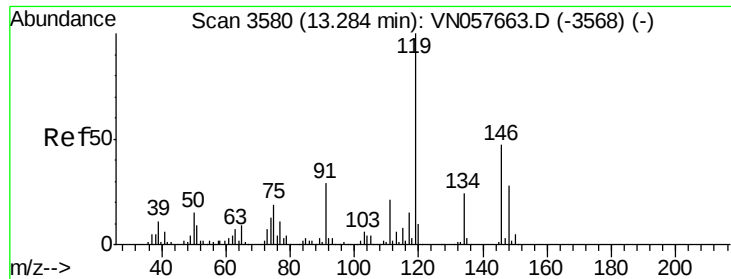
Tgt Ion:105 Resp: 6203  
 Ion Ratio Lower Upper  
 105 100  
 120 42.3 0.0 83.4



#82  
 p-Isopropyltoluene  
 Concen: 0.531 ug/l  
 RT: 13.29 min Scan# 3583  
 Delta R.T. 0.00 min  
 Lab File: VN057698.D  
 Acq: 5 Sep 2019 12:09

Tgt Ion:119 Resp: 6984  
 Ion Ratio Lower Upper  
 119 100  
 134 24.9 0.0 49.6  
 91 27.2 0.0 56.2

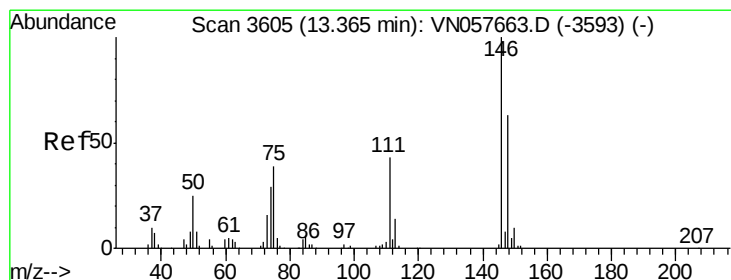
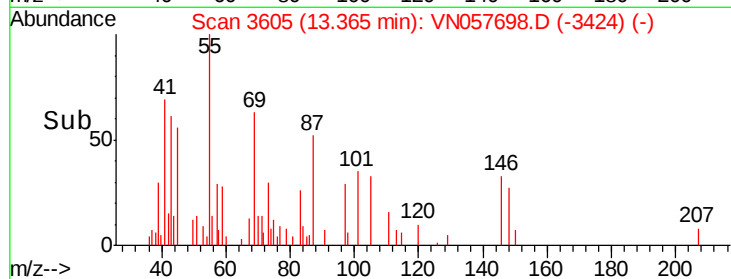
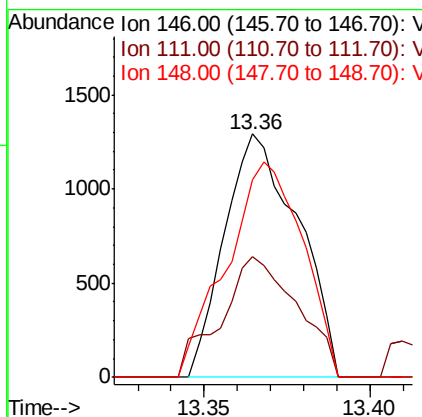
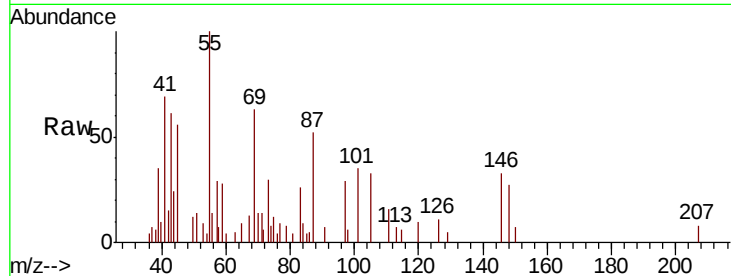




#83  
 1,3-Dichlorobenzene  
 Concen: 0.373 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.08 min  
 Lab File: VN057698.D  
 Acq: 5 Sep 2019 12:09

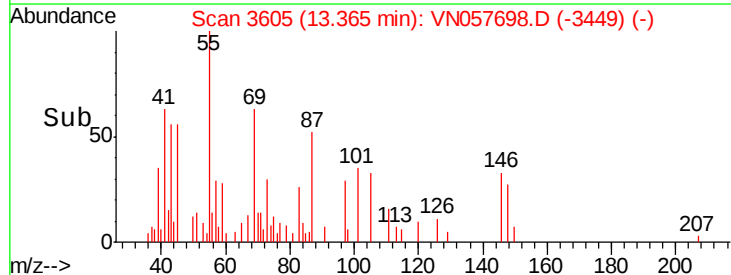
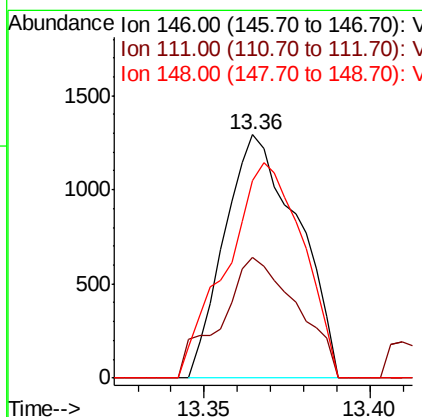
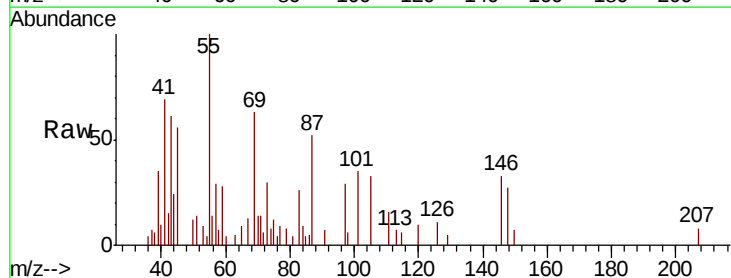
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 002-35TH-AVE-(SEP)

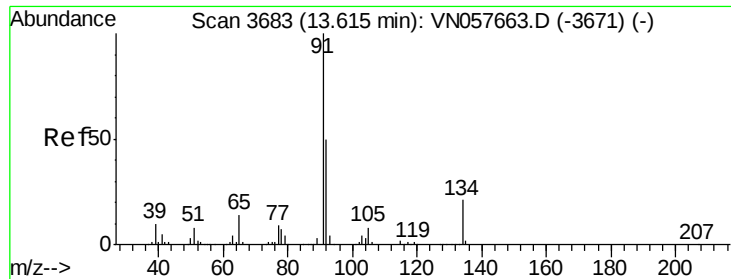
Tgt Ion:146 Resp: 1997  
 Ion Ratio Lower Upper  
 146 100  
 111 44.8 22.1 66.3  
 148 91.4 31.3 93.9



#84  
 1,4-Dichlorobenzene  
 Concen: 0.395 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN057698.D  
 Acq: 5 Sep 2019 12:09

Tgt Ion:146 Resp: 1997  
 Ion Ratio Lower Upper  
 146 100  
 111 44.8 21.3 63.9  
 148 91.4 31.0 93.0

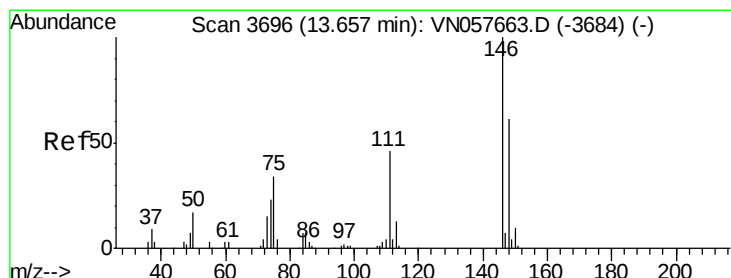
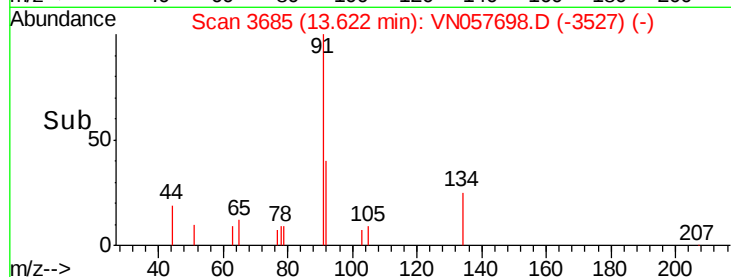
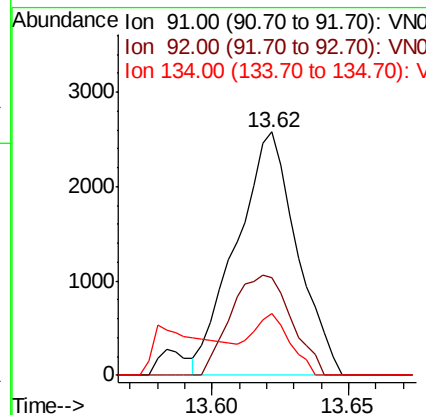
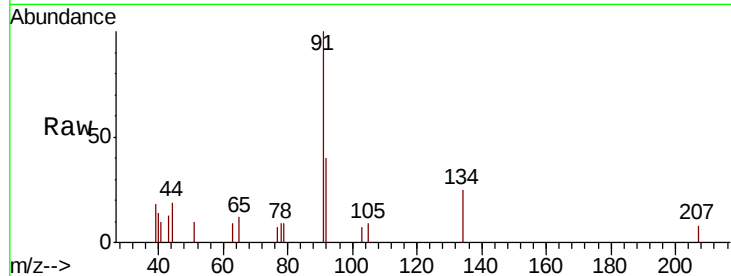




#85  
n-Butylbenzene  
Concen: 0.344 ug/l  
RT: 13.62 min Scan# 3685  
Delta R.T. 0.01 min  
Lab File: VN057698.D  
Acq: 5 Sep 2019 12:09

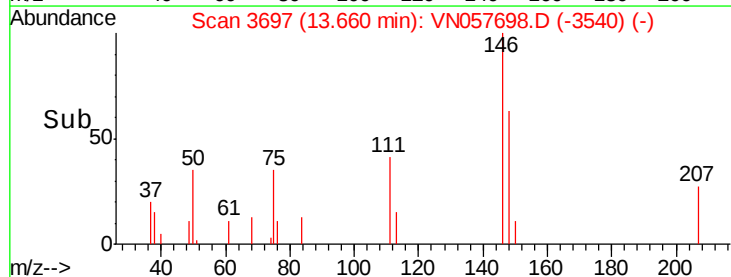
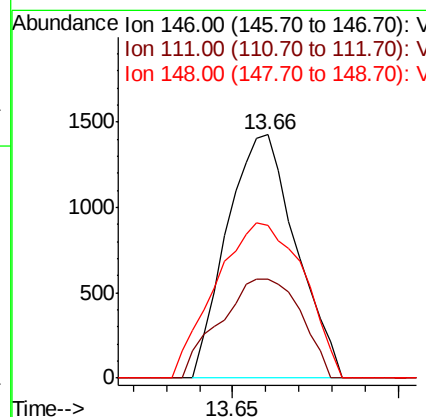
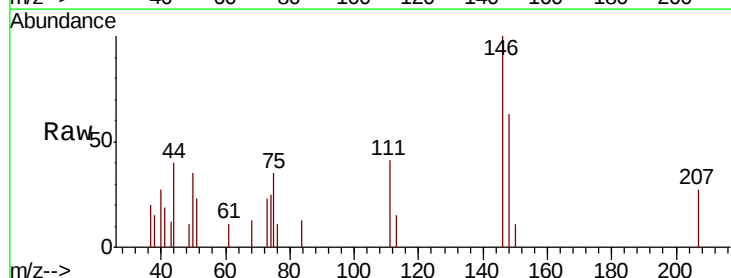
Instrument :  
MSVOA\_N  
ClientSampleId :  
002-35TH-AVE-(SEP)

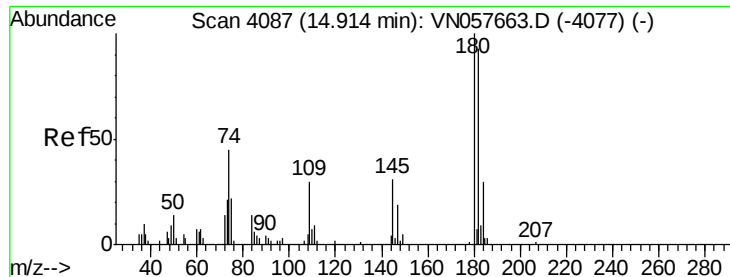
Tgt Ion: 91 Resp: 3975  
Ion Ratio Lower Upper  
91 100  
92 41.1 0.0 100.2  
134 16.3 0.0 43.8



#87  
1,2-Dichlorobenzene  
Concen: 0.418 ug/l  
RT: 13.66 min Scan# 3697  
Delta R.T. 0.00 min  
Lab File: VN057698.D  
Acq: 5 Sep 2019 12:09

Tgt Ion: 146 Resp: 2062  
Ion Ratio Lower Upper  
146 100  
111 47.6 22.6 67.7  
148 81.7 31.3 93.9

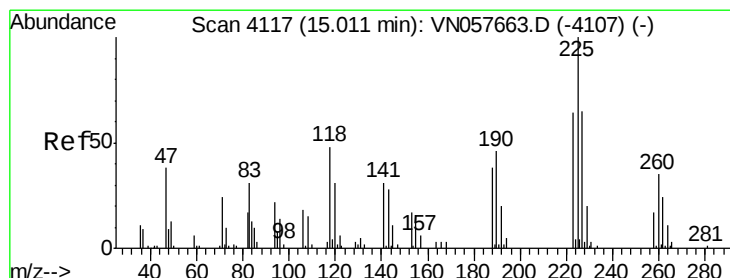
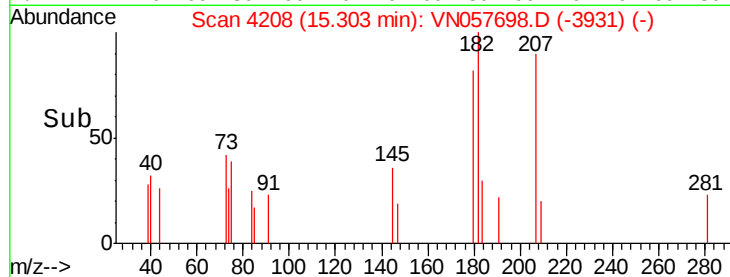
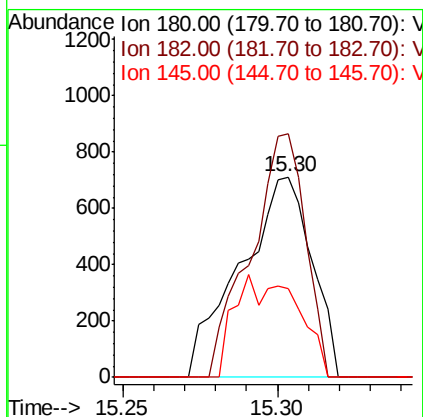
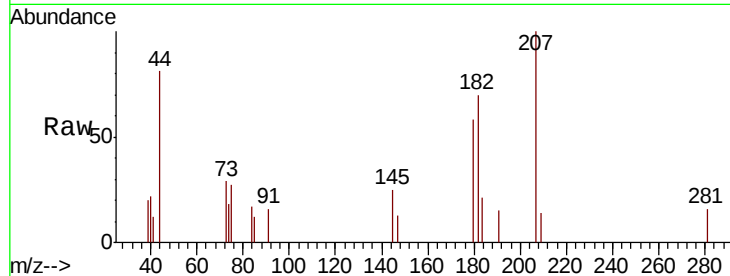




#89  
 1,2,4-Trichlorobenzene  
 Concen: 0.668 ug/l  
 RT: 15.30 min Scan# 4208  
 Delta R.T. 0.39 min  
 Lab File: VN057698.D  
 Acq: 5 Sep 2019 12:09

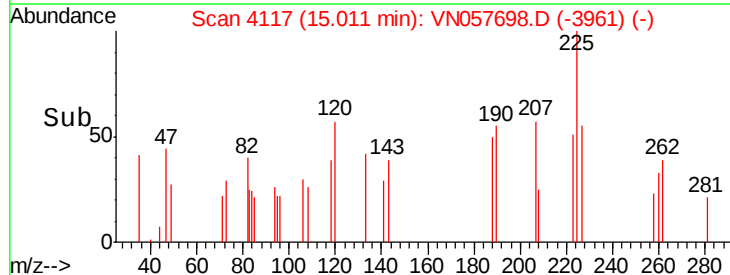
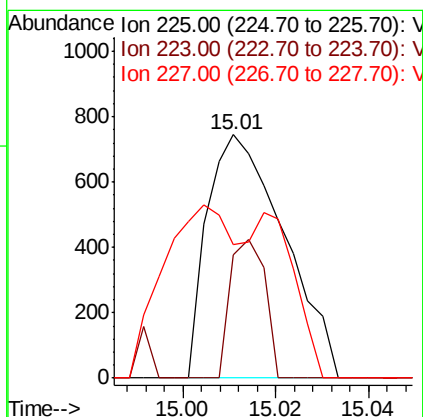
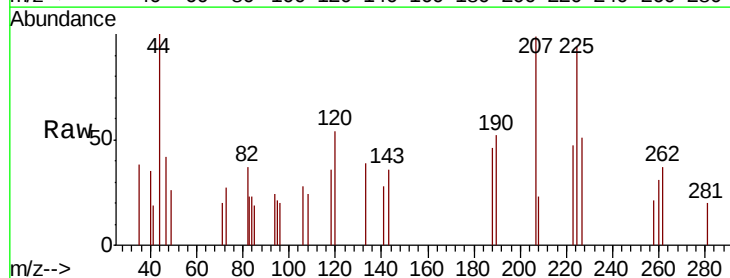
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 002-35TH-AVE-(SEP)

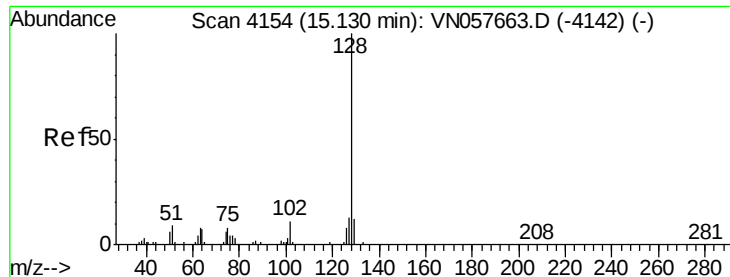
Tgt Ion:180 Resp: 1143  
 Ion Ratio Lower Upper  
 180 100  
 182 93.4 77.4 116.2  
 145 25.8 25.1 37.7



#90  
 Hexachlorobutadiene  
 Concen: 0.452 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN057698.D  
 Acq: 5 Sep 2019 12:09

Tgt Ion:225 Resp: 858  
 Ion Ratio Lower Upper  
 225 100  
 223 25.6 0.0 131.0  
 227 43.0 0.0 128.6

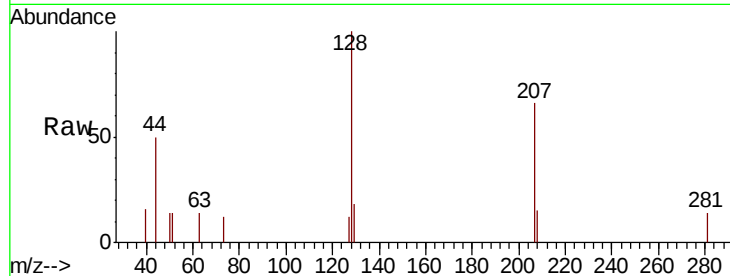




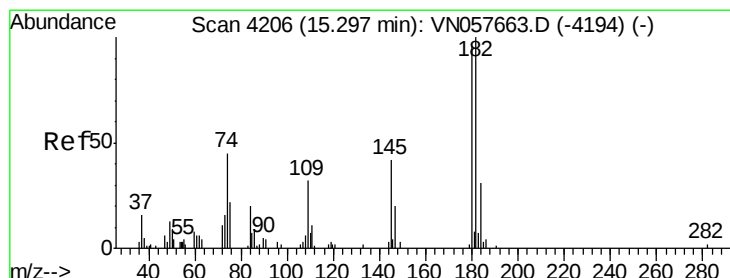
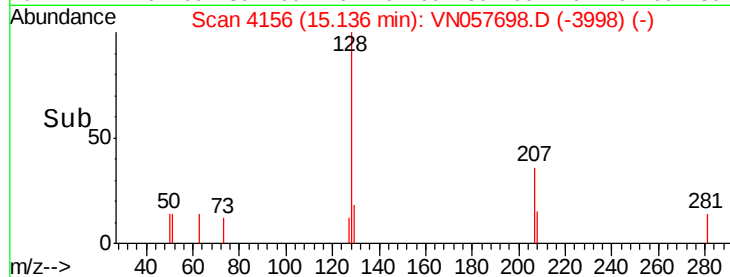
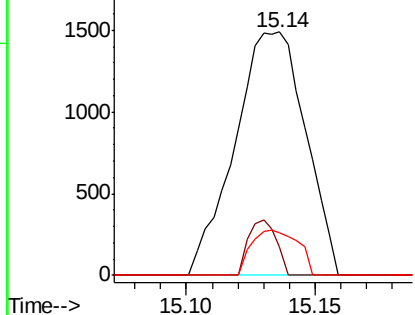
#91  
Naphthalene  
Concen: 0.641 ug/l  
RT: 15.14 min Scan# 4156  
Delta R.T. 0.01 min  
Lab File: VN057698.D  
Acq: 5 Sep 2019 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
002-35TH-AVE-(SEP)

Tgt Ion:128 Resp: 2848  
Ion Ratio Lower Upper  
128 100  
127 9.0 10.3 15.5#  
129 12.4 9.1 13.7

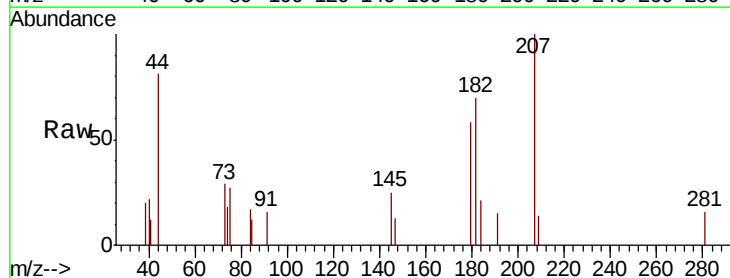


Abundance Ion 128.00 (127.70 to 128.70): V  
2000 Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#92  
1,2,3-Trichlorobenzene  
Concen: 0.688 ug/l  
RT: 15.30 min Scan# 4208  
Delta R.T. 0.01 min  
Lab File: VN057698.D  
Acq: 5 Sep 2019 12:09

Tgt Ion:180 Resp: 1143  
Ion Ratio Lower Upper  
180 100  
182 93.4 0.0 199.4  
145 25.8 0.0 73.2



Abundance Ion 180.00 (179.70 to 180.70): V  
1200 Ion 182.00 (181.70 to 182.70): V  
Ion 145.00 (144.70 to 145.70): V

