

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022620\  
 Data File : VN060249.D  
 Acq On : 26 Feb 2020 14:26  
 Operator : JC/MD  
 Sample : PB127095TB  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 27 04:33:39 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N021220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 12 14:12:21 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 195367   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 316726   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 286790   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 130937   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.00  | 65   | 121183   | 50.98 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.96% |          |
| 35) Dibromofluoromethane    | 7.56  | 113  | 82350    | 42.30 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 84.60%  |          |
| 50) Toluene-d8              | 10.08 | 98   | 380896   | 49.68 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.36%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 137001   | 48.63 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.26%  |          |

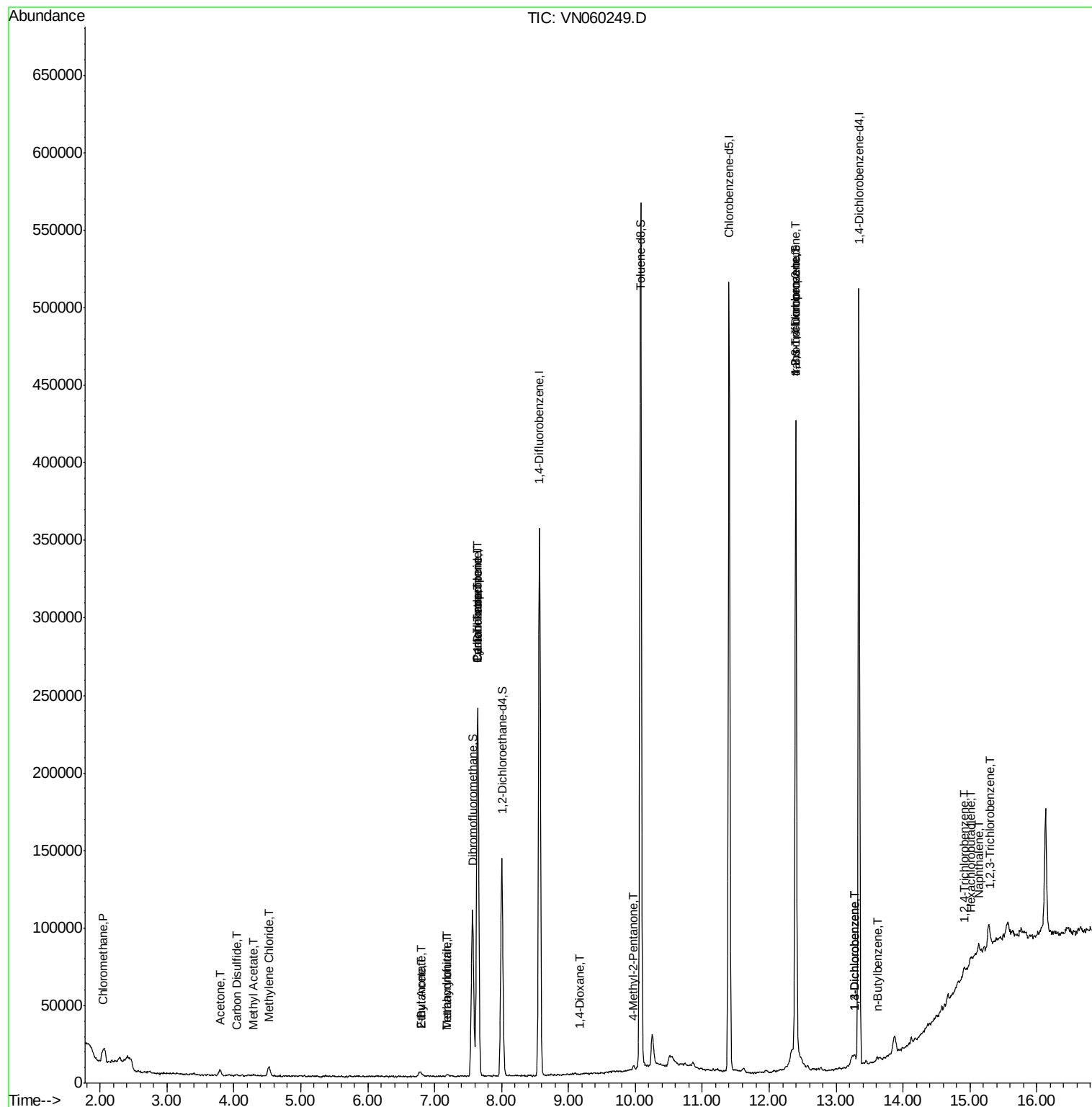
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 2.04  | 50   | 662      | 0.285     | ug/l # | 43     |
| 16) Acetone                    | 3.79  | 43   | 5907     | 5.696     | ug/l   | 96     |
| 17) Carbon Disulfide           | 4.04  | 76   | 1231     | 0.221     | ug/l # | 76     |
| 18) Methyl Acetate             | 4.30  | 43   | 644      | 0.331     | ug/l # | 50     |
| 20) Methylene Chloride         | 4.52  | 84   | 4691     | 2.267     | ug/l   | 91     |
| 25) 2-Butanone                 | 6.81  | 43   | 2039     | 1.563     | ug/l   | 92     |
| 29) Tetrahydrofuran            | 7.19  | 42   | 903      | 1.129     | ug/l # | 41     |
| 31) Cyclohexane                | 7.64  | 56   | 4103     | 1.220     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.64  | 75   | 14898    | 5.078     | ug/l # | 49     |
| 37) Ethyl Acetate              | 6.81  | 43   | 2039     | 0.769     | ug/l # | 74     |
| 38) Carbon Tetrachloride       | 7.64  | 117  | 18717    | 5.875     | ug/l # | 16     |
| 41) Methacrylonitrile          | 7.19  | 41   | 392      | 0.353     | ug/l # | 100    |
| 49) 1,4-Dioxane                | 9.18  | 88   | 101      | 2.907     | ug/l # | 25     |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 1561     | 0.595     | ug/l # | 82     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 72855    | 29.083    | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 72855    | 71.209    | ug/l # | 12     |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 1249     | 0.291     | ug/l   | 75     |
| 88) 1,4-Dichlorobenzene        | 13.28 | 146  | 1249     | 0.291     | ug/l   | 76     |
| 89) n-Butylbenzene             | 13.61 | 91   | 1717     | 0.226     | ug/l # | 91     |
| 92) 1,2-Dibromo-3-Chloropropan | 14.33 | 75   | 122      | Below Cal | #      | 1      |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 1566     | 0.634     | ug/l   | 78     |
| 94) Hexachlorobutadiene        | 15.01 | 225  | 563      | 0.389     | ug/l # | 60     |
| 95) Naphthalene                | 15.13 | 128  | 4643     | 0.696     | ug/l   | 97     |
| 96) 1,2,3-Trichlorobenzene     | 15.31 | 180  | 1518     | 0.617     | ug/l # | 83     |

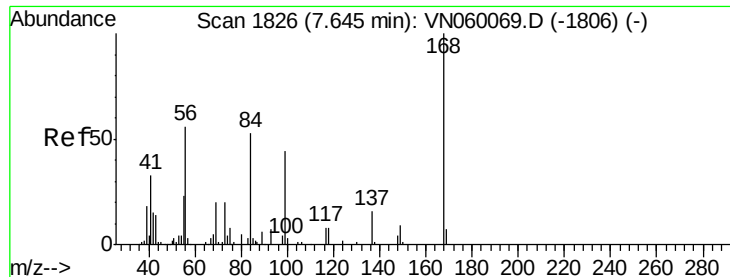
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB127095TB  
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Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Feb 27 04:33:39 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N021220W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 12 14:12:21 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060249.D

Acq: 26 Feb 2020 14:26

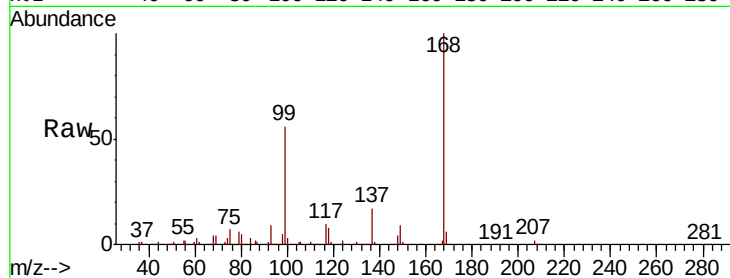
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:168 Resp: 195367

Ion Ratio Lower Upper

168 100

99 55.9 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): VN060069.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN060069.D (-1806) (-)

7.64

80000

60000

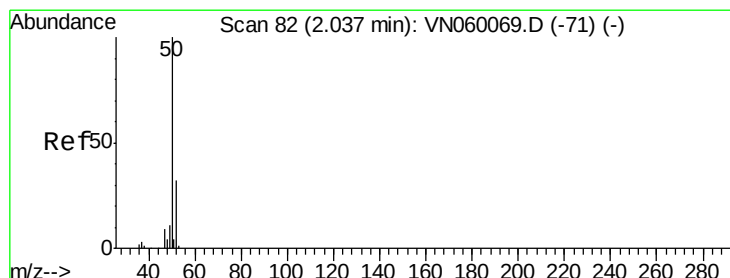
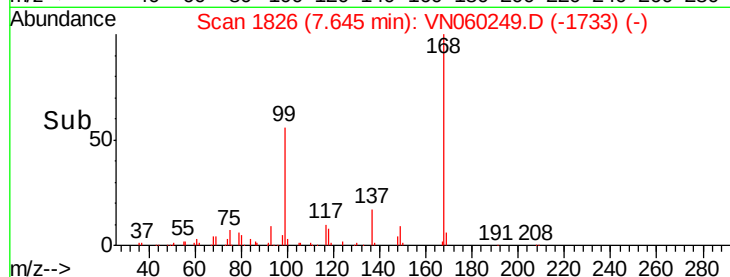
40000

20000

0

7.60 7.70

Time-->



#3

Chloromethane

Concen: 0.285 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN060249.D

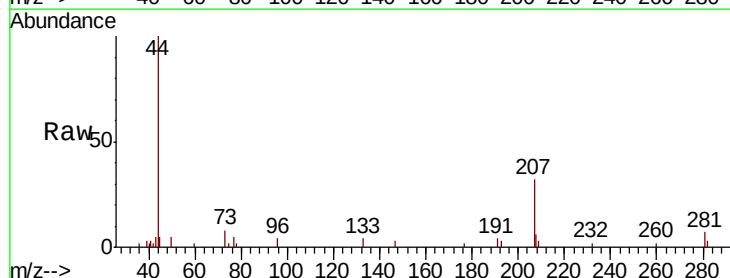
Acq: 26 Feb 2020 14:26

Tgt Ion: 50 Resp: 662

Ion Ratio Lower Upper

50 100

52 0.0 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VN060069.D (-71) (-)

Ion 51.90 (51.60 to 52.60): VN060069.D (-71) (-)

2.04

500

400

300

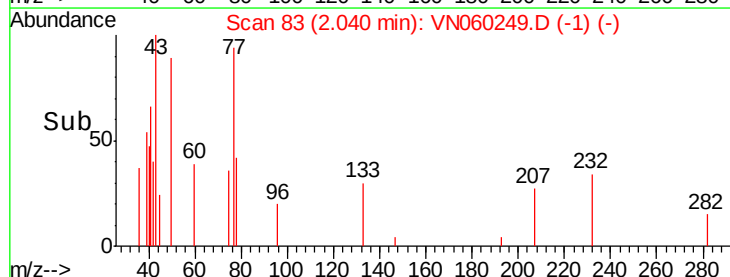
200

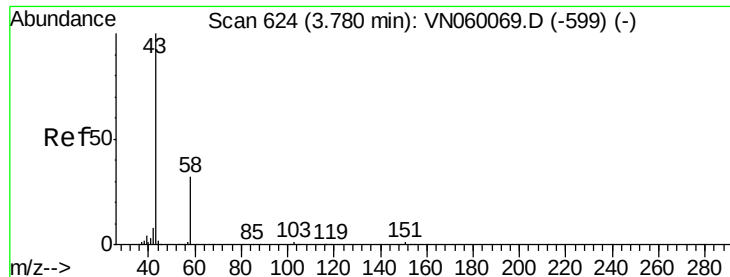
100

0

2.00 2.02 2.04 2.06 2.08

Time-->

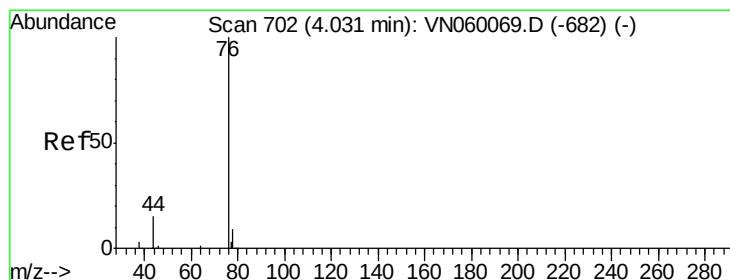
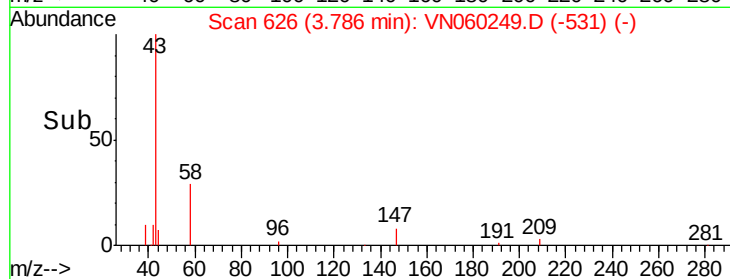
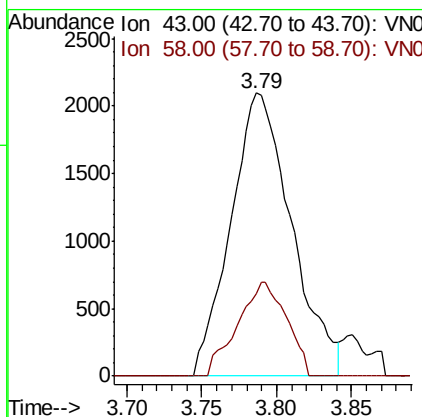
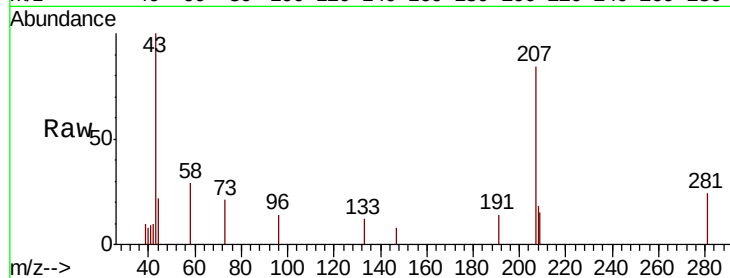




#16  
Acetone  
Concen: 5.696 ug/l  
RT: 3.79 min Scan# 626  
Delta R.T. 0.01 min  
Lab File: VN060249.D  
Acq: 26 Feb 2020 14:26

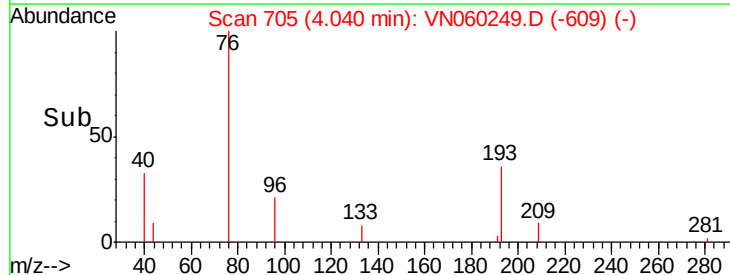
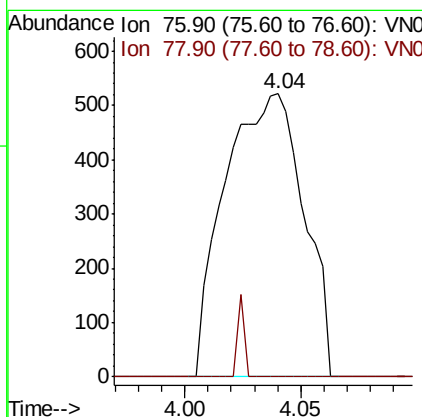
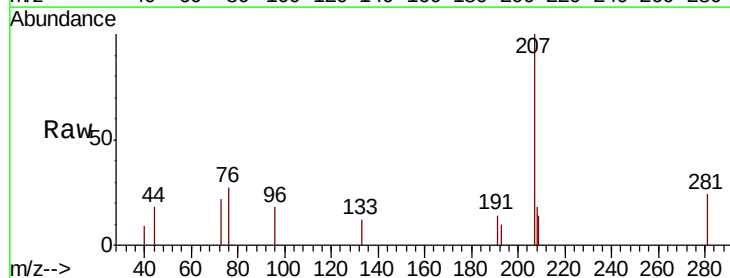
Instrument :  
MSVOA\_N  
ClientSampleId :

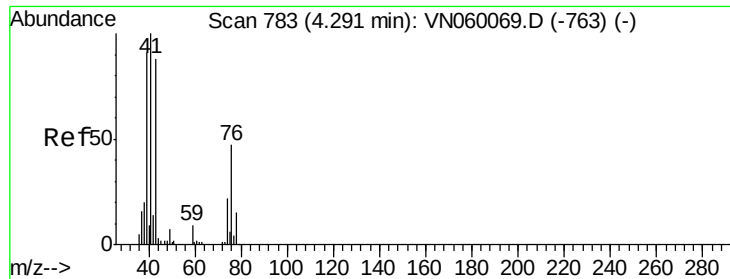
Tot Ion: 43 Resp: 5907  
Ion Ratio Lower Upper  
43 100  
58 29.2 25.2 37.8



#17  
Carbon Disulfide  
Concen: 0.221 ug/l  
RT: 4.04 min Scan# 705  
Delta R.T. 0.01 min  
Lab File: VN060249.D  
Acq: 26 Feb 2020 14:26

Tgt Ion: 76 Resp: 1231  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.0 10.6#

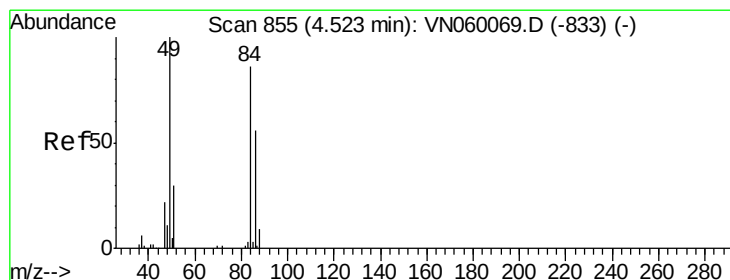
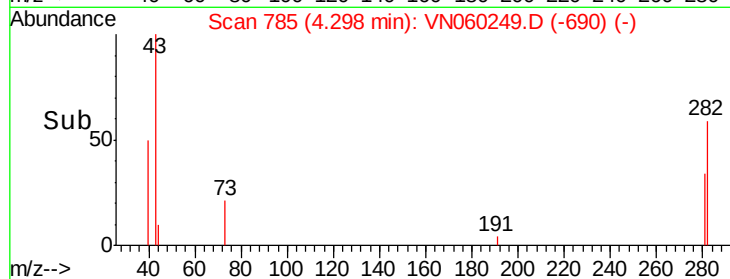
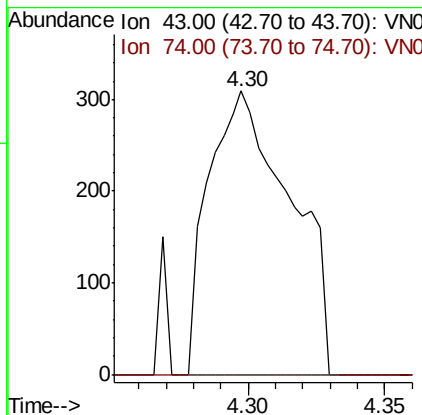
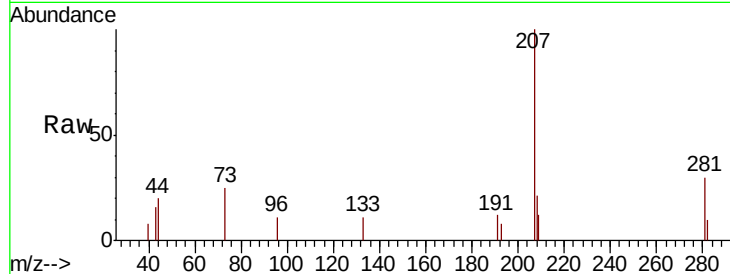




#18  
Methyl Acetate  
Concen: 0.331 ug/l  
RT: 4.30 min Scan# 785  
Delta R.T. 0.01 min  
Lab File: VN060249.D  
Acq: 26 Feb 2020 14:26

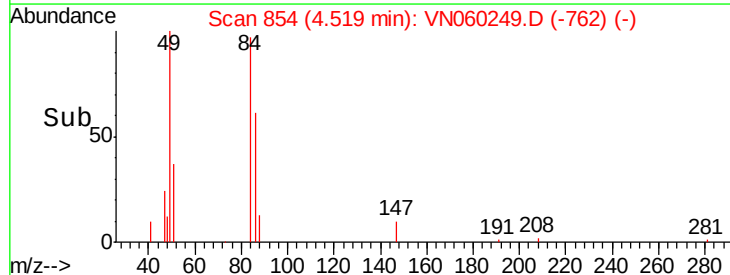
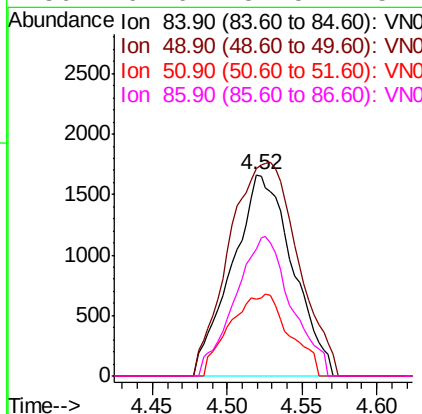
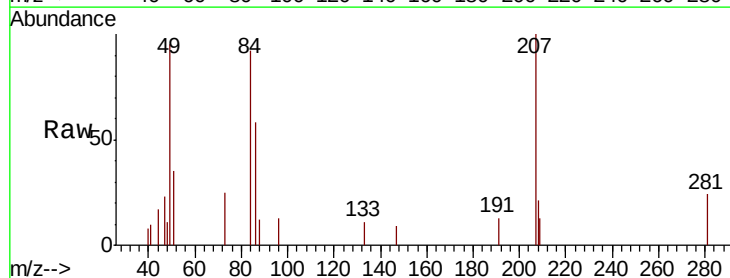
Instrument :  
MSVOA\_N  
ClientSampleId :

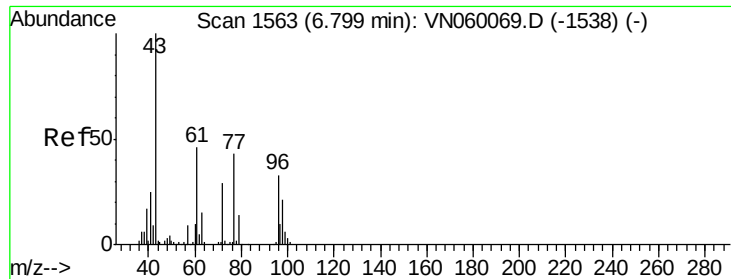
Tot Ion: 43 Resp: 644  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.3 30.5#



#20  
Methylene Chloride  
Concen: 2.267 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VN060249.D  
Acq: 26 Feb 2020 14:26

Tgt Ion: 84 Resp: 4691  
Ion Ratio Lower Upper  
84 100  
49 102.9 93.4 140.0  
51 38.2 28.4 42.6  
86 62.6 52.5 78.7





#25

2-Butanone

Concen: 1.563 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN060249.D

Acq: 26 Feb 2020 14:26

Instrument :

MSVOA\_N

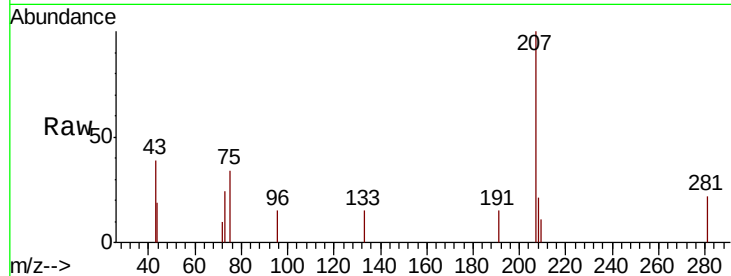
ClientSampleId :

Tot Ion: 43 Resp: 2039

Ion Ratio Lower Upper

43 100

72 24.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.81

600

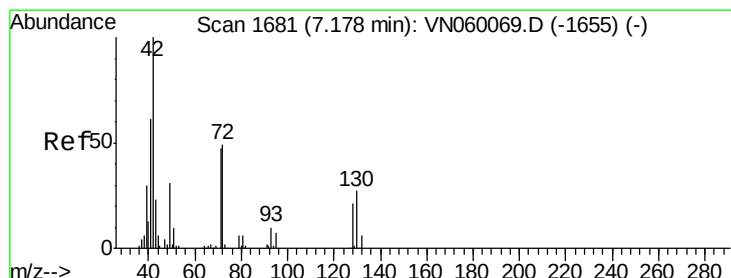
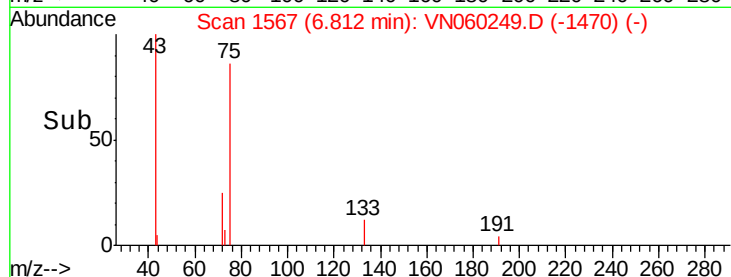
400

200

0

6.75 6.80 6.85

Time-->



#29

Tetrahydrofuran

Concen: 1.129 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VN060249.D

Acq: 26 Feb 2020 14:26

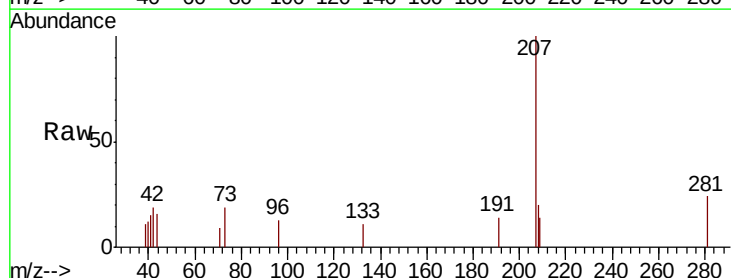
Tgt Ion: 42 Resp: 903

Ion Ratio Lower Upper

42 100

72 7.3 38.2 57.4#

71 7.0 36.6 54.8#



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

7.19

400

300

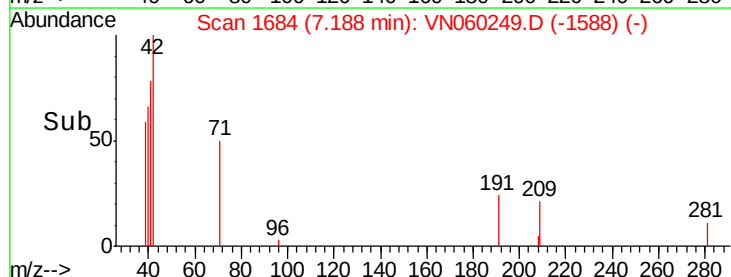
200

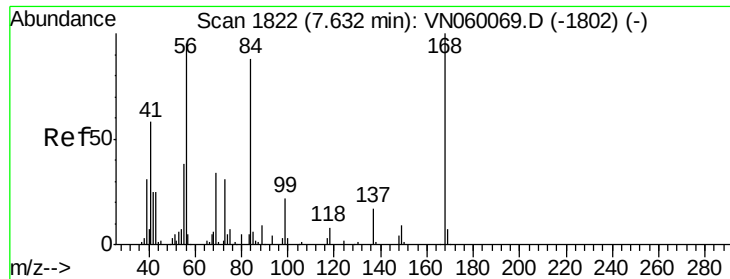
100

0

7.15 7.20

Time-->

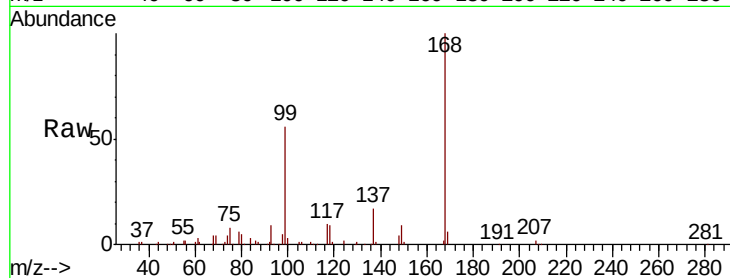




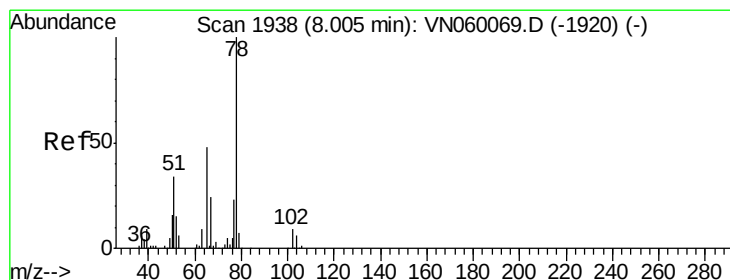
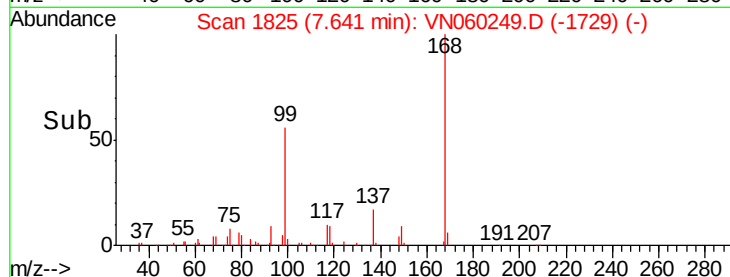
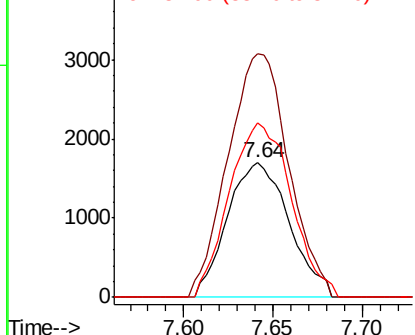
#31  
Cyclohexane  
Concen: 1.220 ug/l  
RT: 7.64 min Scan# 1825  
Delta R.T. 0.01 min  
Lab File: VN060249.D  
Acq: 26 Feb 2020 14:26

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 4103  
Ion Ratio Lower Upper  
56 100  
69 181.1 28.3 42.5#  
84 129.8 72.6 108.8#

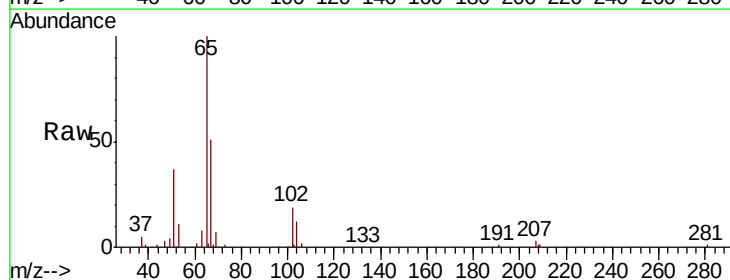


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

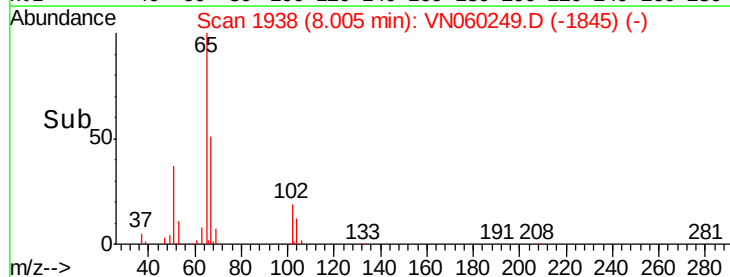
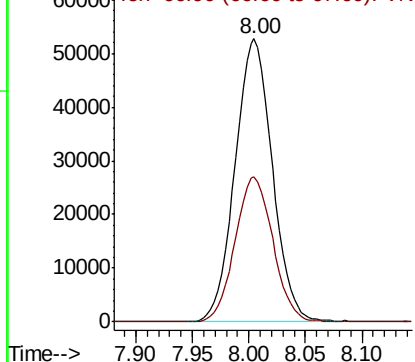


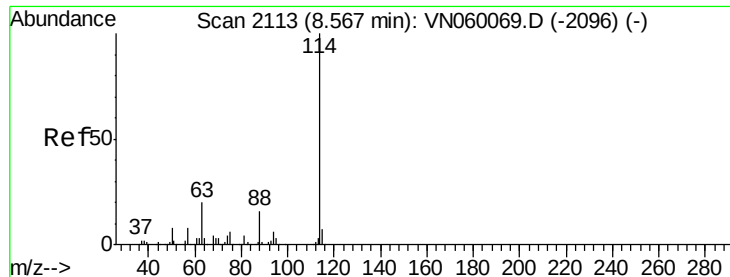
#33  
1,2-Dichloroethane-d4  
Concen: 50.975 ug/l  
RT: 8.00 min Scan# 1938  
Delta R.T. 0.00 min  
Lab File: VN060249.D  
Acq: 26 Feb 2020 14:26

Tgt Ion: 65 Resp: 121183  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 104.0



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

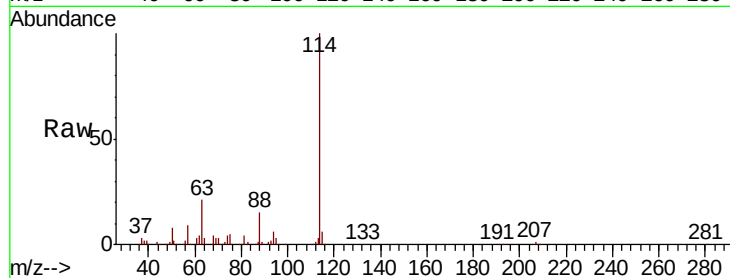




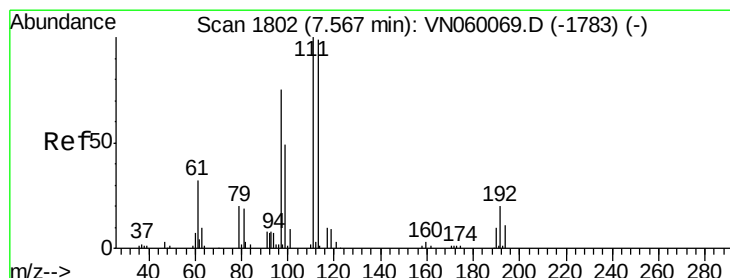
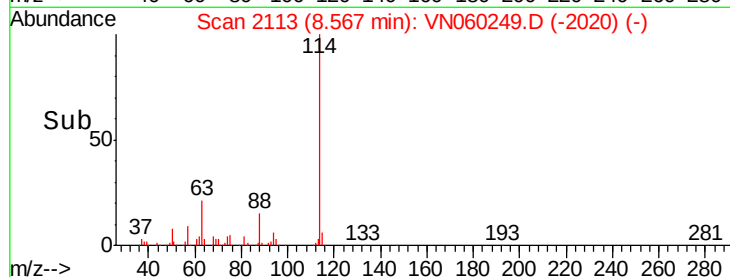
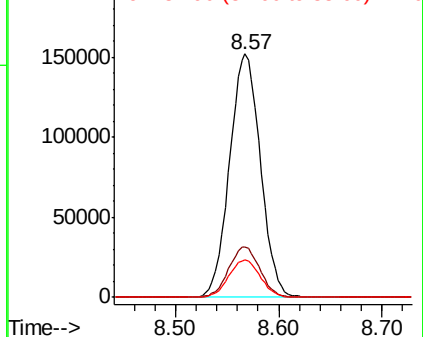
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VN060249.D  
 Acq: 26 Feb 2020 14:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 20.9  | 0.0   | 40.0  |
| 88      | 15.4  | 0.0   | 31.6  |

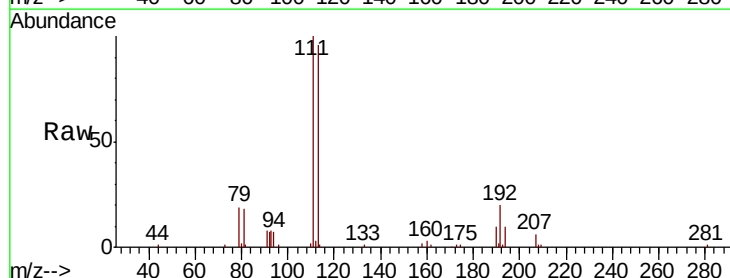


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VN  
 Ion 87.90 (87.60 to 88.60): VN

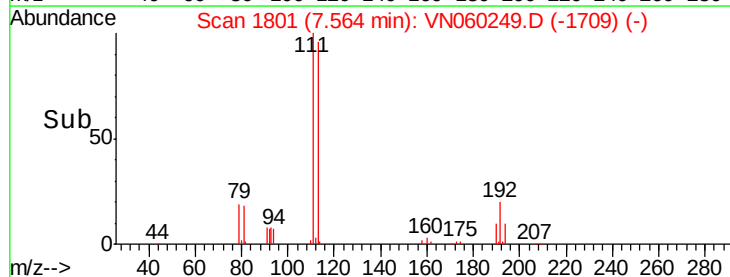
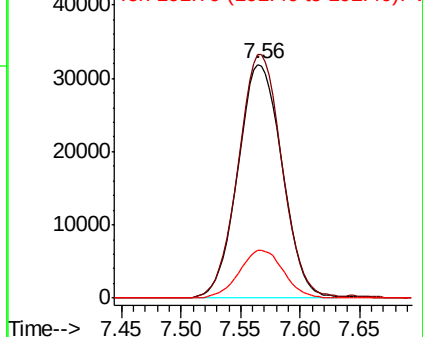


#35  
 Dibromofluoromethane  
 Concen: 42.298 ug/l  
 RT: 7.56 min Scan# 1801  
 Delta R.T. -0.00 min  
 Lab File: VN060249.D  
 Acq: 26 Feb 2020 14:26

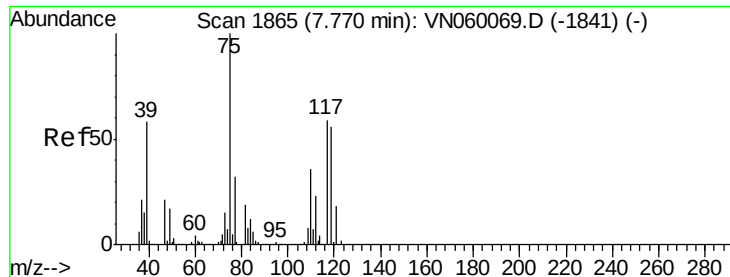
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.1 | 81.4  | 122.2 |
| 192     | 20.5  | 16.2  | 24.2  |



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



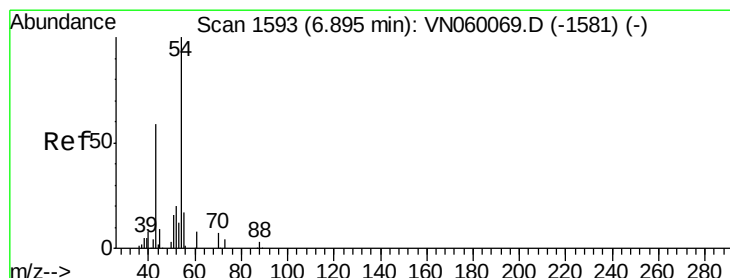
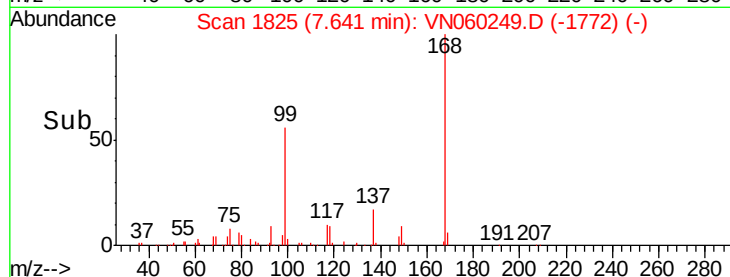
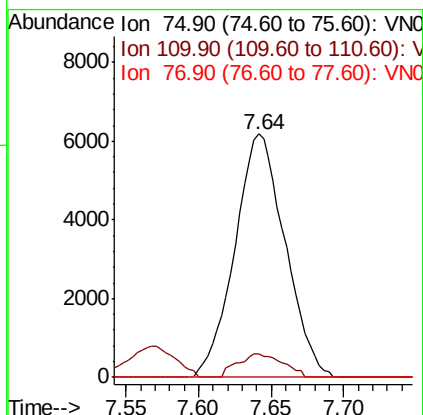
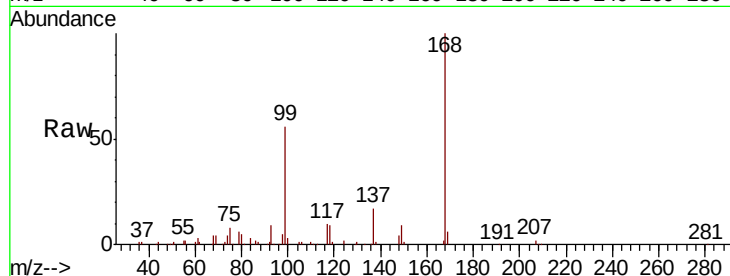




#36  
 1,1-Dichloropropene  
 Concen: 5.078 ug/l  
 RT: 7.64 min Scan# 1825  
 Delta R.T. -0.13 min  
 Lab File: VN060249.D  
 Acq: 26 Feb 2020 14:26

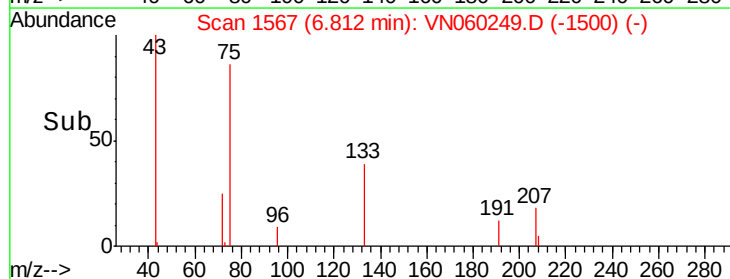
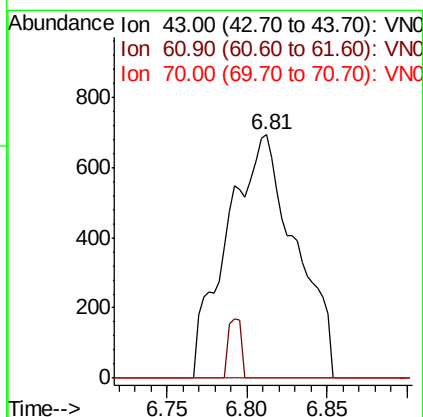
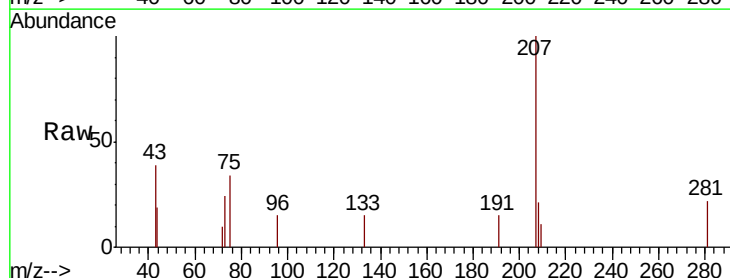
Instrument :  
 MSVOA\_N  
 ClientSampleId :

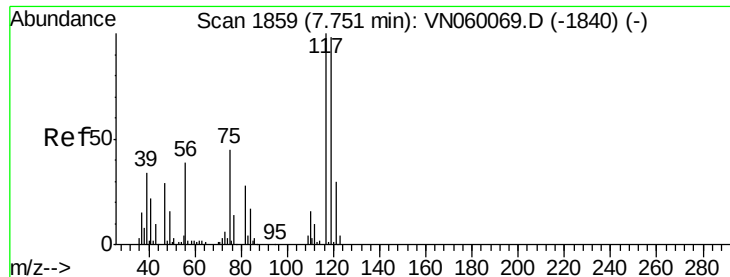
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 8.7   | 18.1  | 54.3# |
| 77      | 0.0   | 25.1  | 37.7# |



#37  
 Ethyl Acetate  
 Concen: 0.769 ug/l  
 RT: 6.81 min Scan# 1567  
 Delta R.T. -0.08 min  
 Lab File: VN060249.D  
 Acq: 26 Feb 2020 14:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 4.6   | 11.4  | 17.2# |
| 70      | 0.0   | 8.7   | 13.1# |





#38

Carbon Tetrachloride

Concen: 5.875 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN060249.D

Acq: 26 Feb 2020 14:26

Instrument :

MSVOA\_N

ClientSampleId :

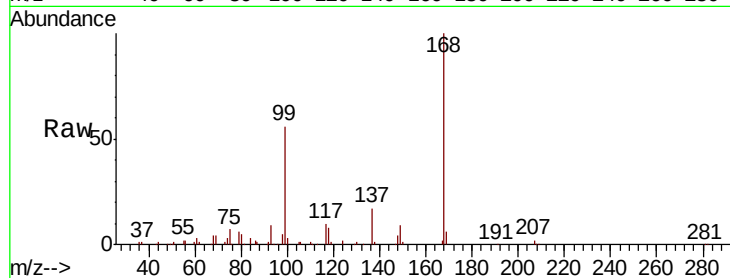
Tot Ion:117 Resp: 18717

Ion Ratio Lower Upper

117 100

119 5.8 78.2 117.4#

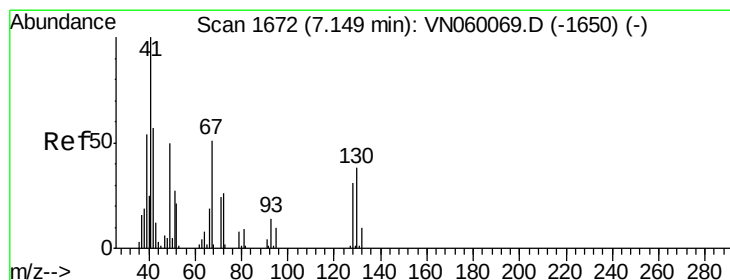
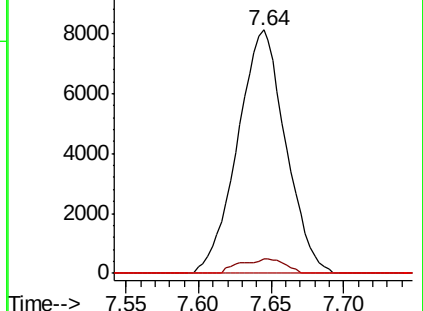
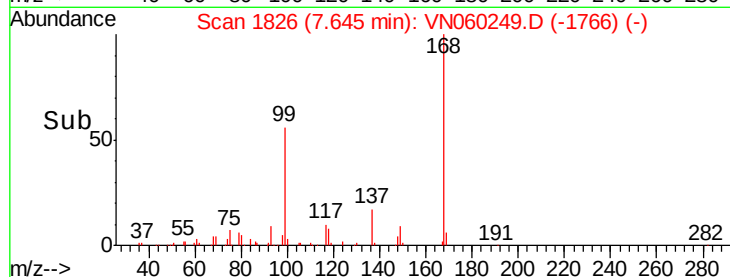
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.353 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.04 min

Lab File: VN060249.D

Acq: 26 Feb 2020 14:26

Tgt Ion: 41 Resp: 392

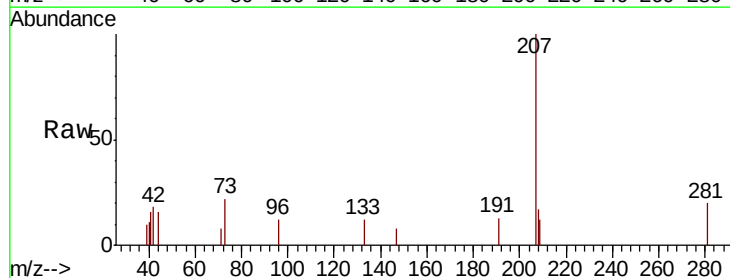
Ion Ratio Lower Upper

41 100

39 79.8 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

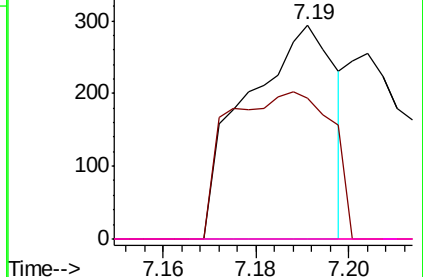
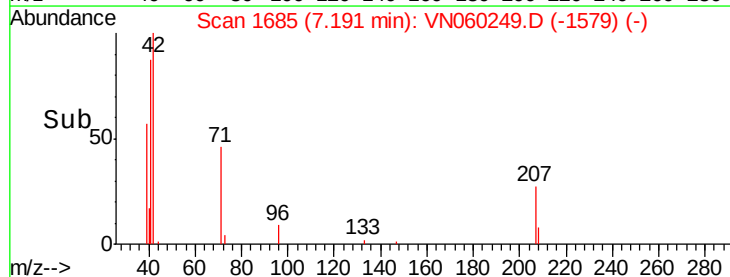


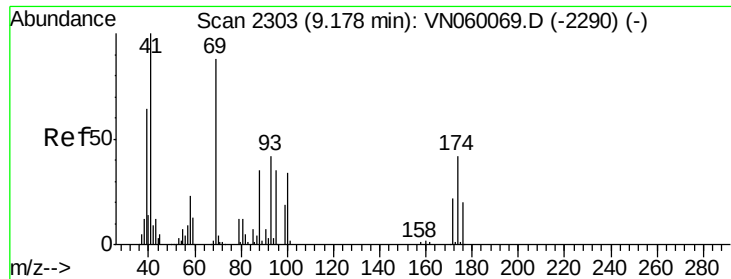
Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC





#49

1,4-Dioxane

Concen: 2.907 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

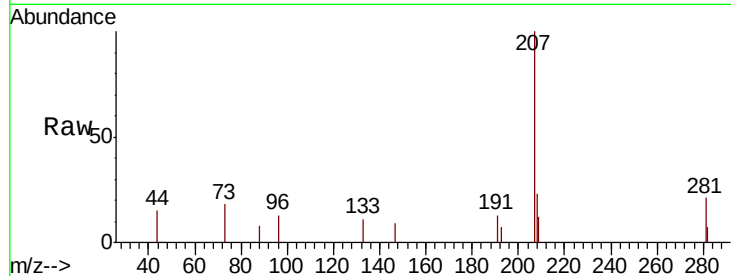
Lab File: VN060249.D

Acq: 26 Feb 2020 14:26

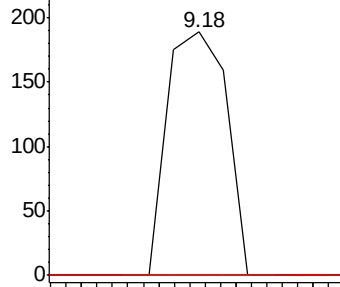
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 88 Resp: 101

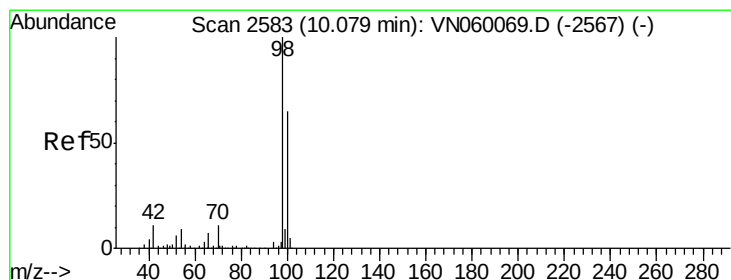
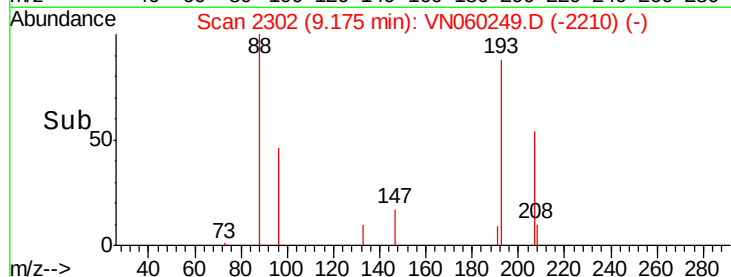
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 0.0   | 26.2  | 39.2# |
| 58  | 0.0   | 53.2  | 79.8# |



Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0



Time-->



#50

Toluene-d8

Concen: 49.681 ug/l

RT: 10.08 min Scan# 2583

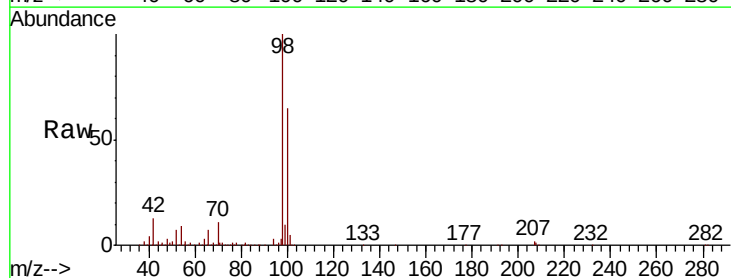
Delta R.T. 0.00 min

Lab File: VN060249.D

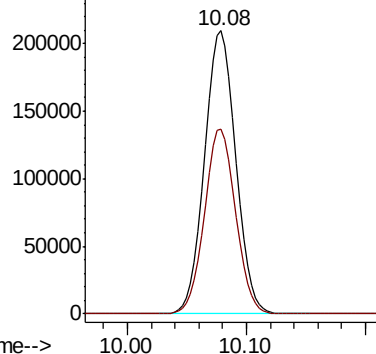
Acq: 26 Feb 2020 14:26

Tgt Ion: 98 Resp: 380896

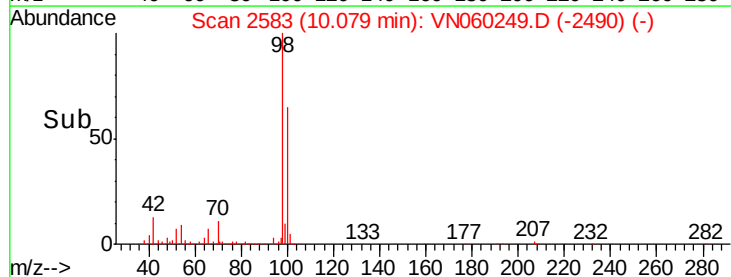
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 65.0  | 51.7  | 77.5  |

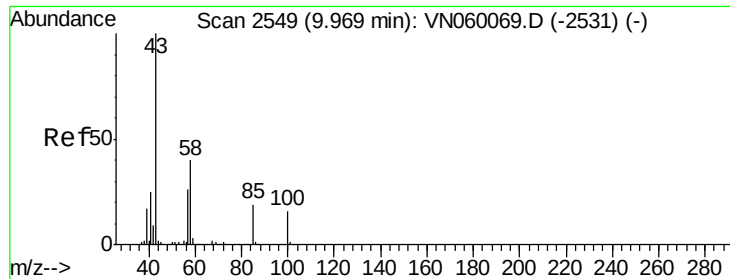


Abundance Ion 98.00 (97.70 to 98.70): VN0  
Ion 100.00 (99.70 to 100.70): VN0



Time-->

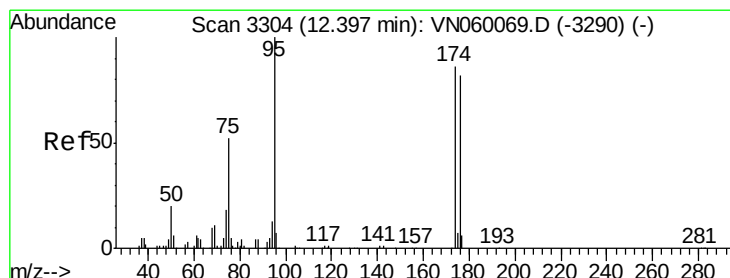
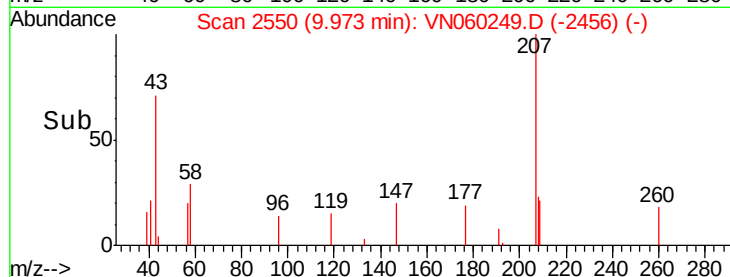
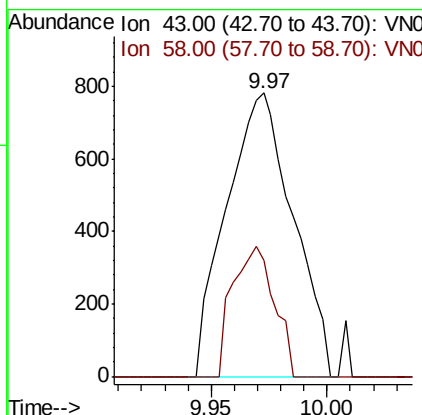
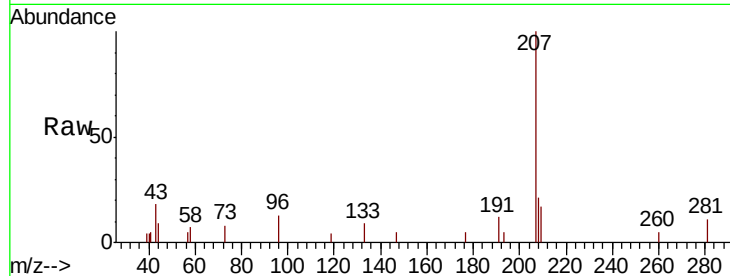




#51  
 4-Methyl-2-Pentanone  
 Concen: 0.595 ug/l  
 RT: 9.97 min Scan# 2550  
 Delta R.T. 0.00 min  
 Lab File: VN060249.D  
 Acq: 26 Feb 2020 14:26

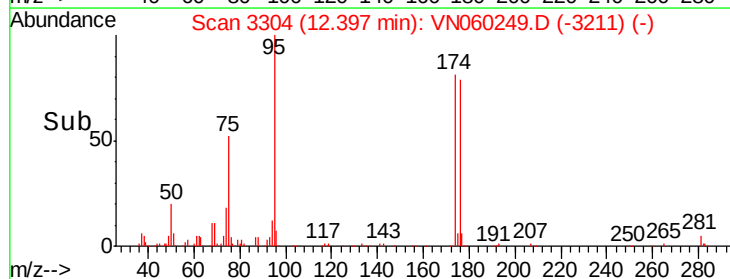
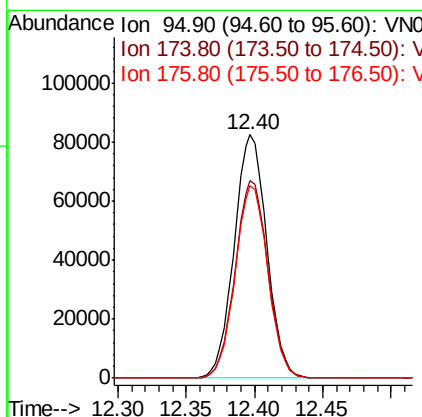
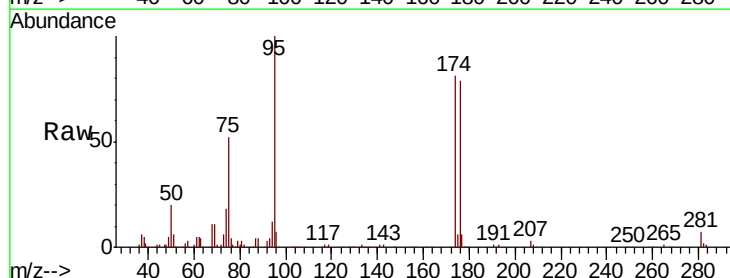
Instrument :  
 MSVOA\_N  
 ClientSampled :

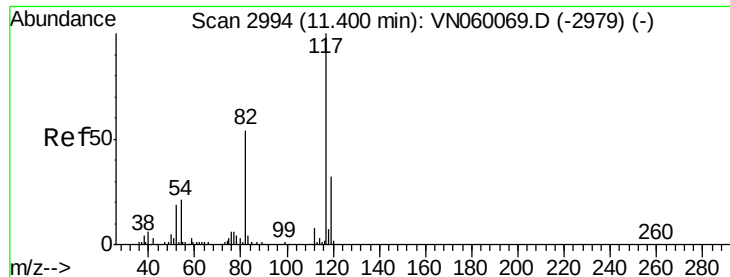
Tot Ion: 43 Resp: 1561  
 Ion Ratio Lower Upper  
 43 100  
 58 28.6 31.8 47.8#



#62  
 4-Bromofluorobenzene  
 Concen: 48.630 ug/l  
 RT: 12.40 min Scan# 3304  
 Delta R.T. 0.00 min  
 Lab File: VN060249.D  
 Acq: 26 Feb 2020 14:26

Tgt Ion: 95 Resp: 137001  
 Ion Ratio Lower Upper  
 95 100  
 174 81.3 0.0 169.8  
 176 79.0 0.0 164.8

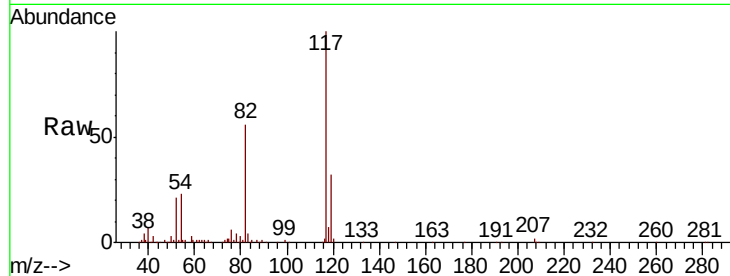




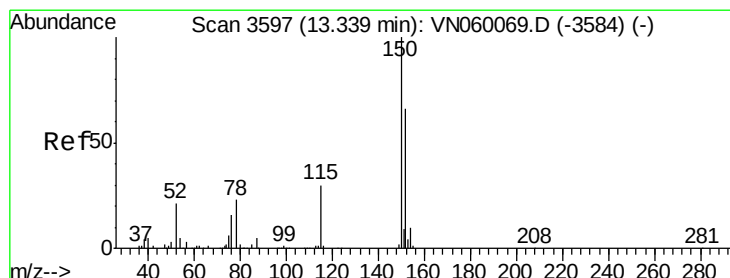
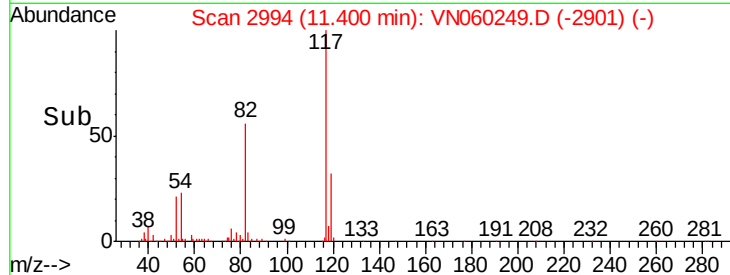
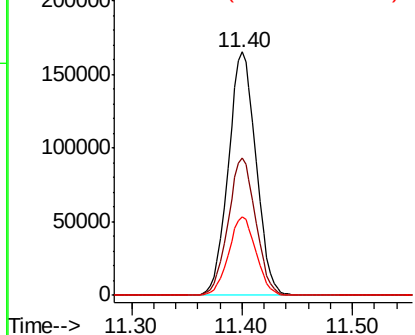
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. 0.00 min  
Lab File: VN060249.D  
Acq: 26 Feb 2020 14:26

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:117 Resp: 286790  
Ion Ratio Lower Upper  
117 100  
82 56.4 43.4 65.0  
119 32.2 25.8 38.6

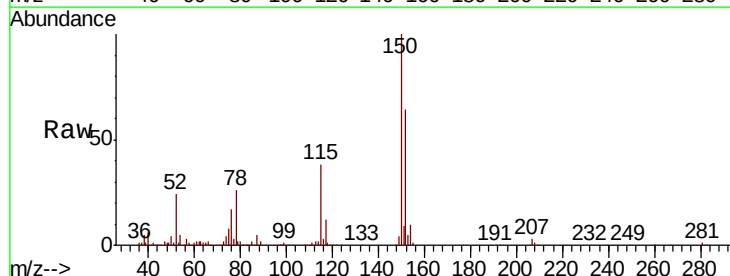


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

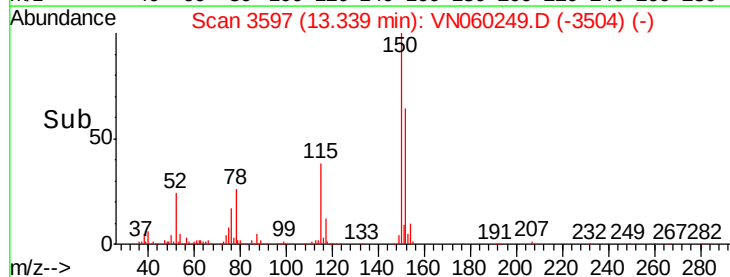
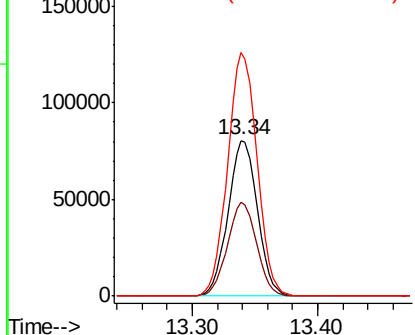


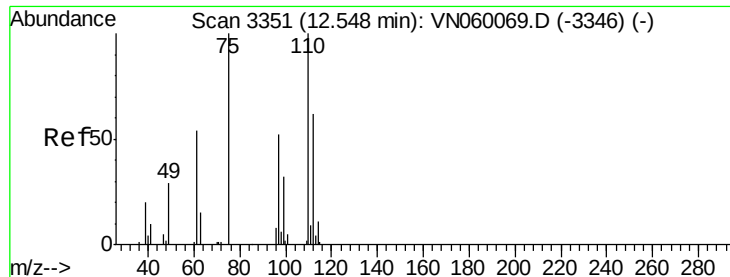
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3597  
Delta R.T. 0.00 min  
Lab File: VN060249.D  
Acq: 26 Feb 2020 14:26

Tgt Ion:152 Resp: 130937  
Ion Ratio Lower Upper  
152 100  
115 59.6 28.9 86.8  
150 156.7 0.0 342.4



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

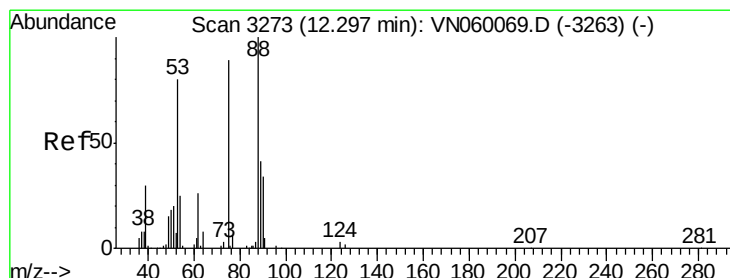
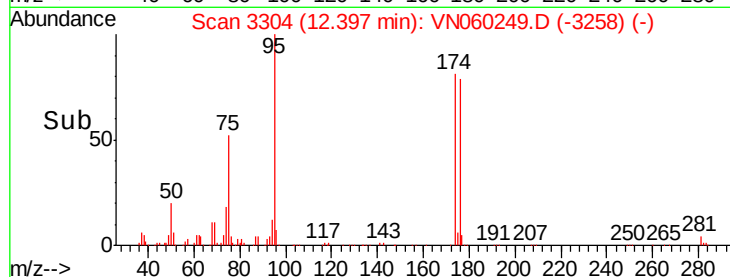
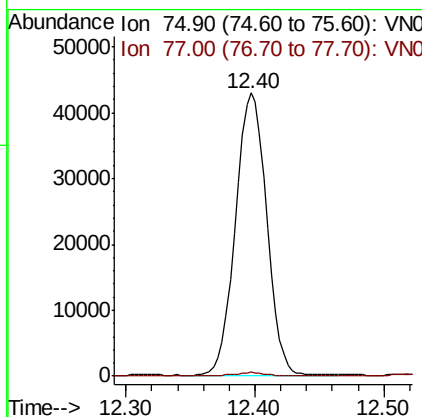
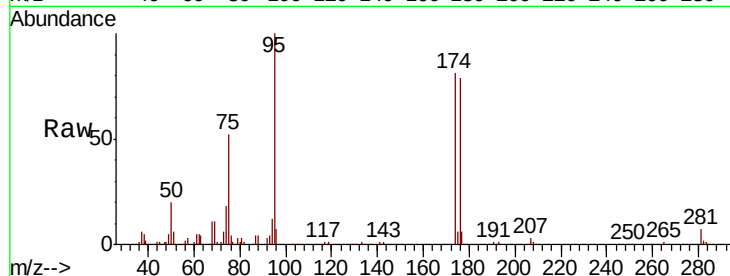




#76  
 1,2,3-Trichloropropane  
 Concen: 29.083 ug/l  
 RT: 12.40 min Scan# 3304  
 Delta R.T. -0.15 min  
 Lab File: VN060249.D  
 Acq: 26 Feb 2020 14:26

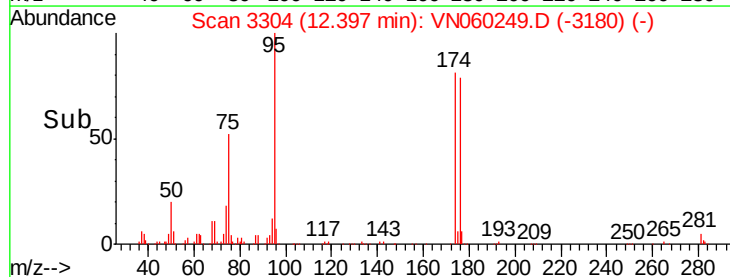
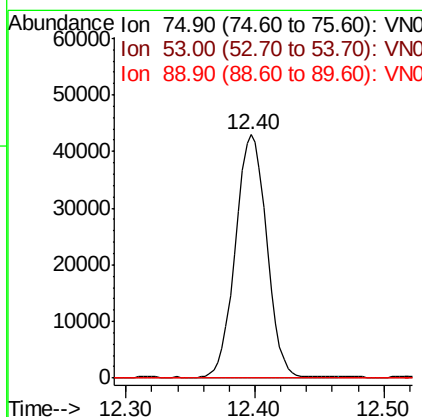
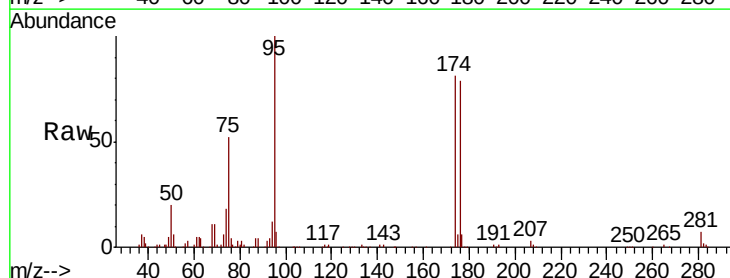
Instrument :  
 MSVOA\_N  
 ClientSampleId :

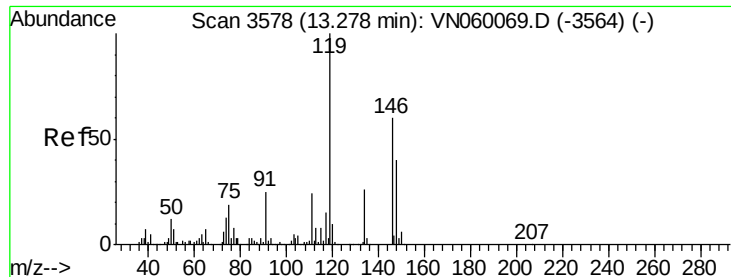
Tot Ion: 75 Resp: 72855  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 0.0 0.0#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 71.209 ug/l  
 RT: 12.40 min Scan# 3304  
 Delta R.T. 0.10 min  
 Lab File: VN060249.D  
 Acq: 26 Feb 2020 14:26

Tgt Ion: 75 Resp: 72855  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 73.9 110.9#  
 89 0.0 37.0 55.4#

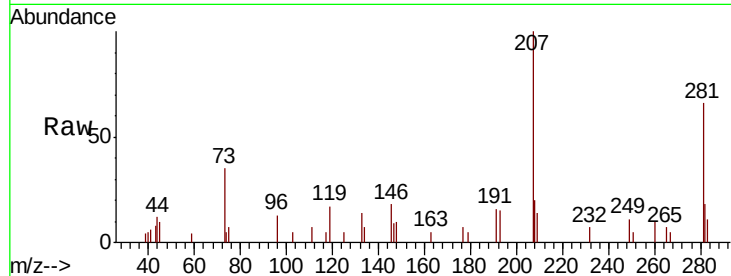




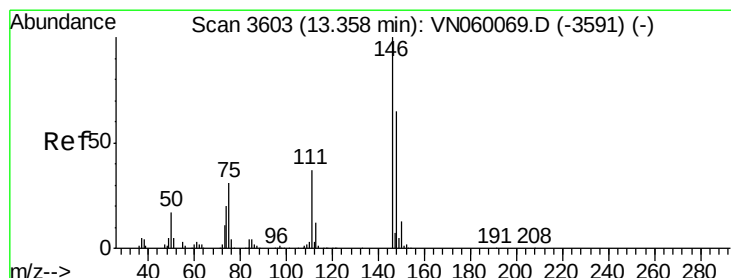
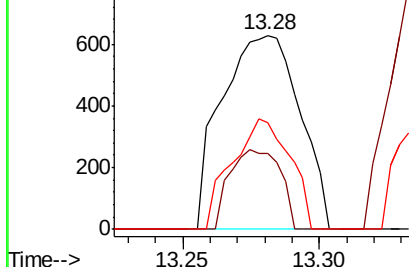
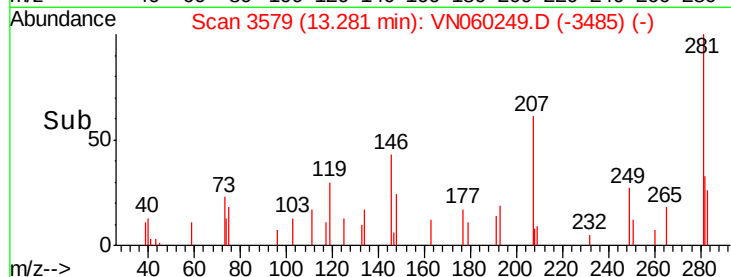
#87  
 1,3-Dichlorobenzene  
 Concen: 0.291 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. 0.00 min  
 Lab File: VN060249.D  
 Acq: 26 Feb 2020 14:26

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion:146 Resp: 1249  
 Ion Ratio Lower Upper  
 146 100  
 111 26.4 19.8 59.3  
 148 42.4 32.0 96.2

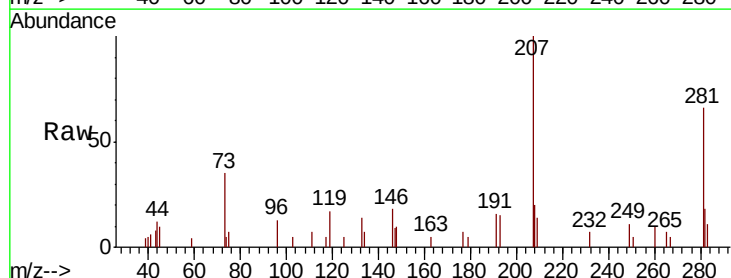


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

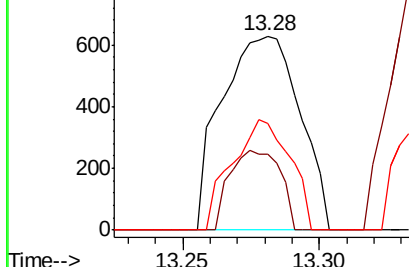
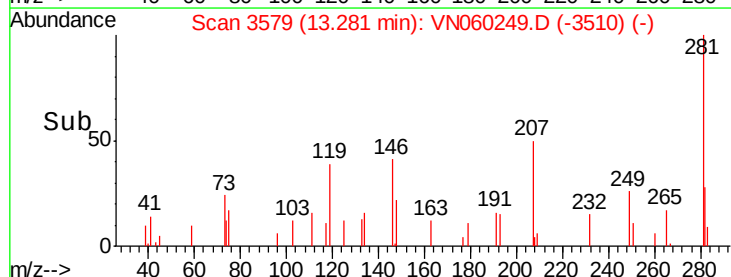


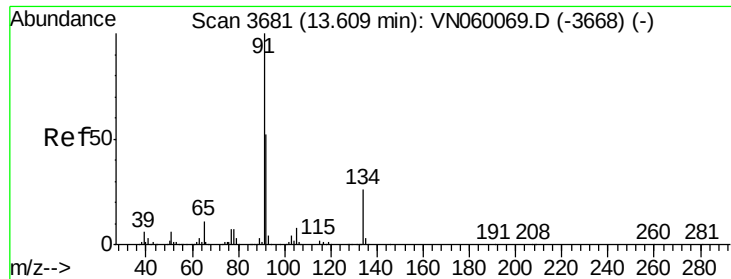
#88  
 1,4-Dichlorobenzene  
 Concen: 0.291 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. -0.08 min  
 Lab File: VN060249.D  
 Acq: 26 Feb 2020 14:26

Tgt Ion:146 Resp: 1249  
 Ion Ratio Lower Upper  
 146 100  
 111 26.4 18.9 56.5  
 148 42.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.226 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060249.D

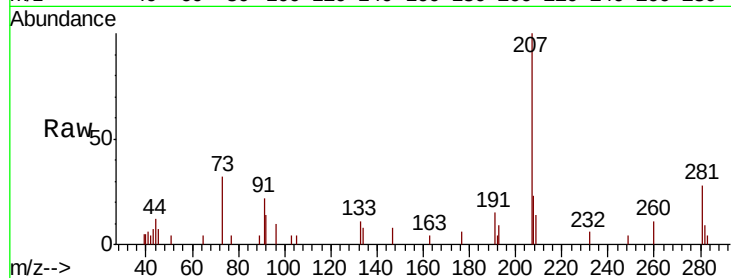
Acq: 26 Feb 2020 14:26

Instrument :

MSVOA\_N

ClientSampled :

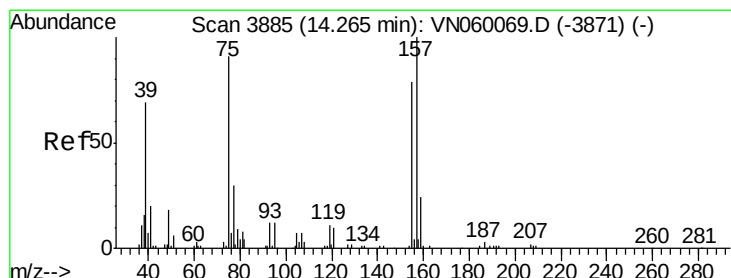
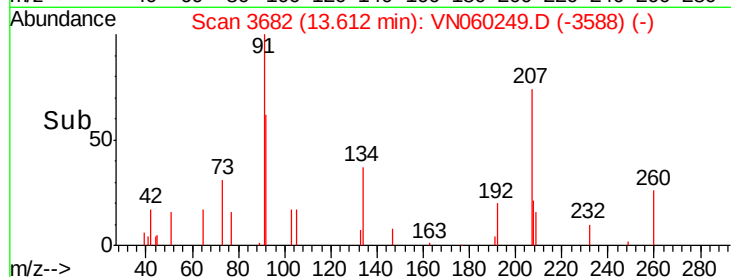
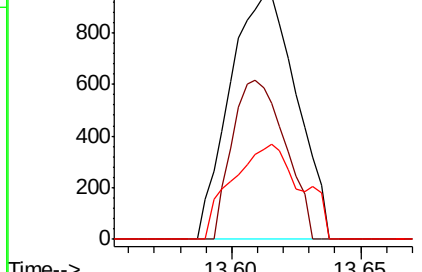
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 91    | Resp: | 1717  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 51.5  | 26.1  | 78.2  |
| 134      | 39.7  | 13.1  | 39.3# |



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN060069.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN060069.D (-3668) (-)



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

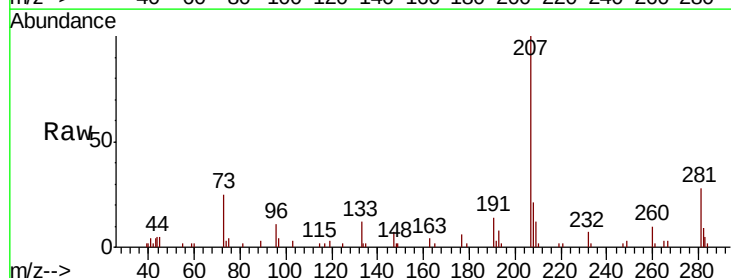
RT: 14.33 min Scan# 3905

Delta R.T. 0.07 min

Lab File: VN060249.D

Acq: 26 Feb 2020 14:26

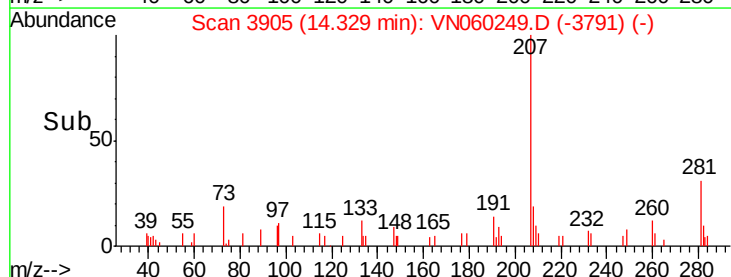
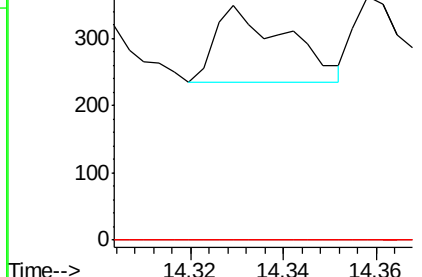
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 122    |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 155      | 0.0   | 43.0  | 129.0# |
| 157      | 0.0   | 54.9  | 164.5# |



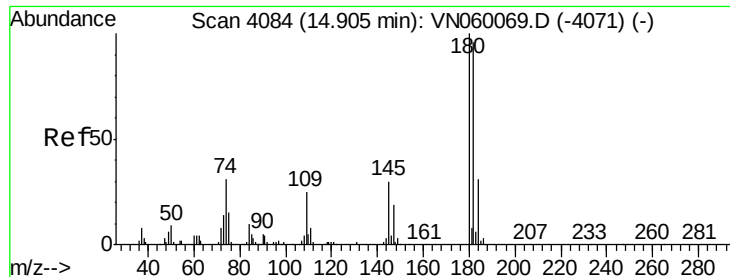
Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3871) (-)

Ion 154.80 (154.50 to 155.50): VN060069.D (-3871) (-)

Ion 156.80 (156.50 to 157.50): VN060069.D (-3871) (-)



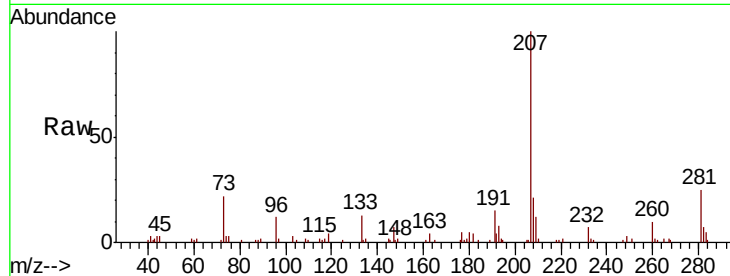




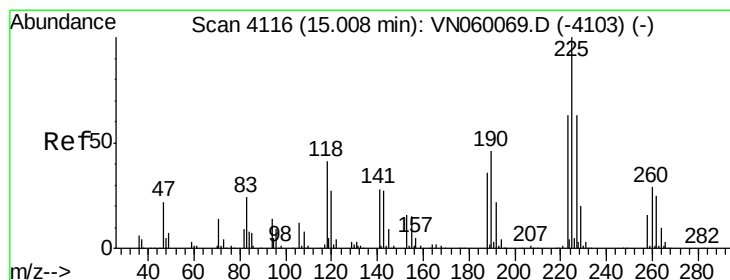
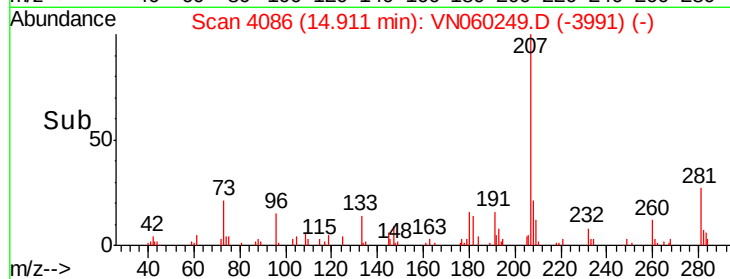
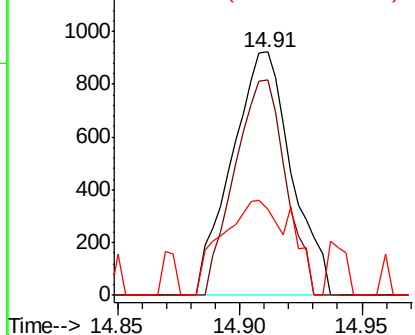
#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.634 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.01 min  
 Lab File: VN060249.D  
 Acq: 26 Feb 2020 14:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:180 Resp: 1566  
 Ion Ratio Lower Upper  
 180 100  
 182 75.7 47.9 143.8  
 145 45.2 15.2 45.5

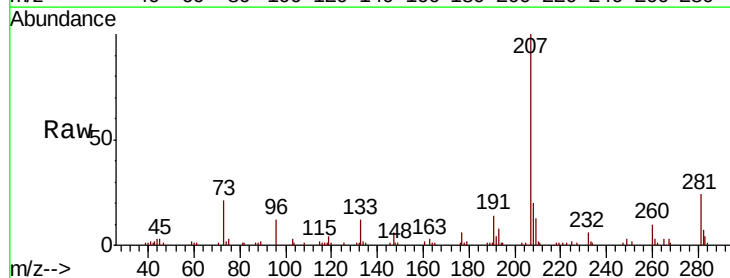


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

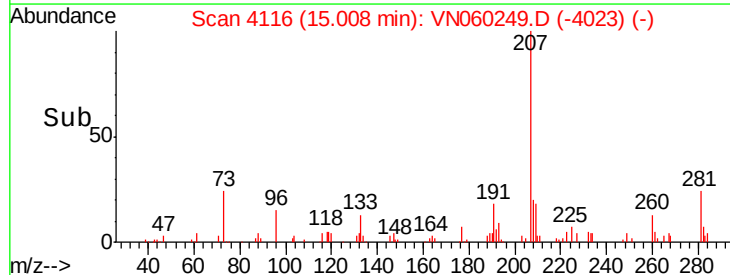
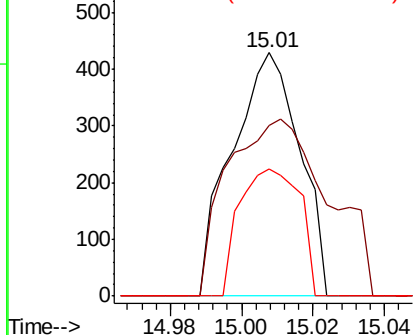


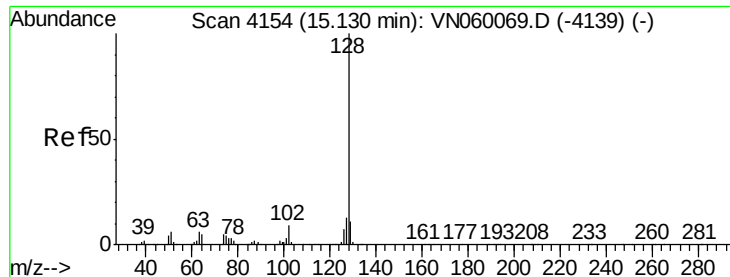
#94  
 Hexachlorobutadiene  
 Concen: 0.389 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN060249.D  
 Acq: 26 Feb 2020 14:26

Tgt Ion:225 Resp: 563  
 Ion Ratio Lower Upper  
 225 100  
 223 108.0 31.5 94.5#  
 227 46.4 31.8 95.4



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





#95

Naphthalene

Concen: 0.696 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060249.D

Acq: 26 Feb 2020 14:26

Instrument :

MSVOA\_N

ClientSampleId :

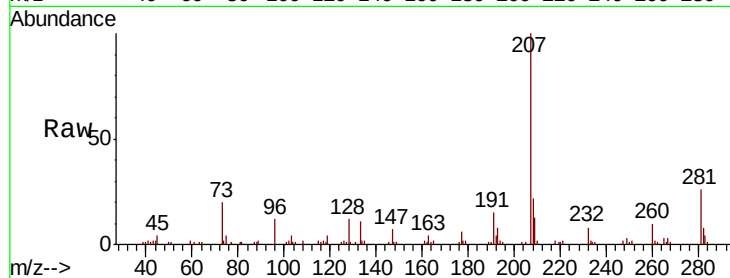
Tot Ion:128 Resp: 4643

Ion Ratio Lower Upper

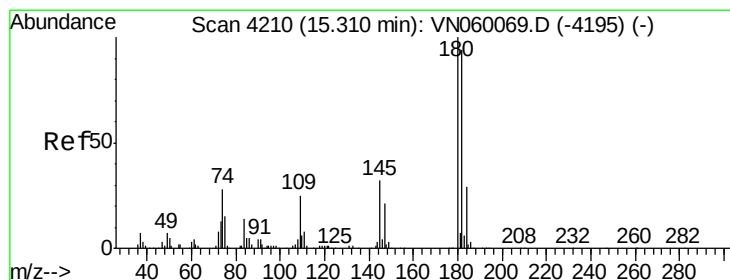
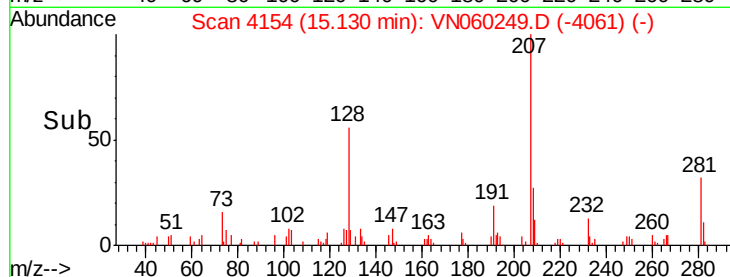
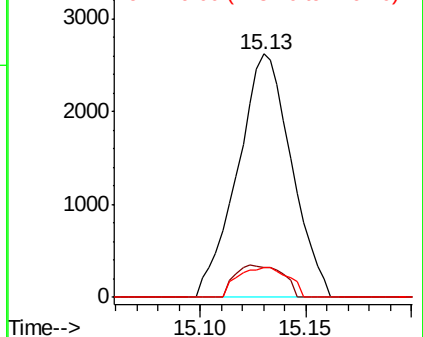
128 100

127 11.7 10.3 15.5

129 11.5 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 0.617 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060249.D

Acq: 26 Feb 2020 14:26

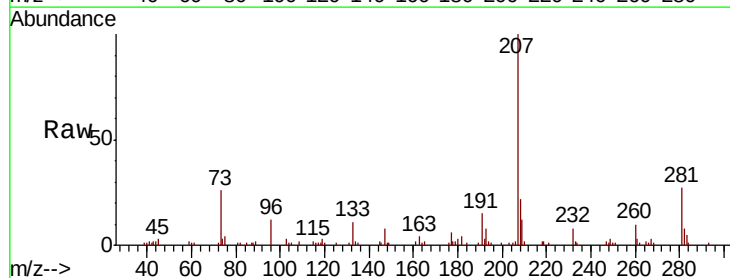
Tgt Ion:180 Resp: 1518

Ion Ratio Lower Upper

180 100

182 87.2 47.5 142.5

145 8.9 16.1 48.3#



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

