

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\  
 Data File : VN056482.D  
 Acq On : 25 Jun 2019 13:31  
 Operator : JC/SP  
 Sample : PB120881ZHE#14  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB120881ZHE#14

Quant Time: Jun 26 03:41:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061919W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 21 03:45:40 2019  
 Response via : Initial Calibration

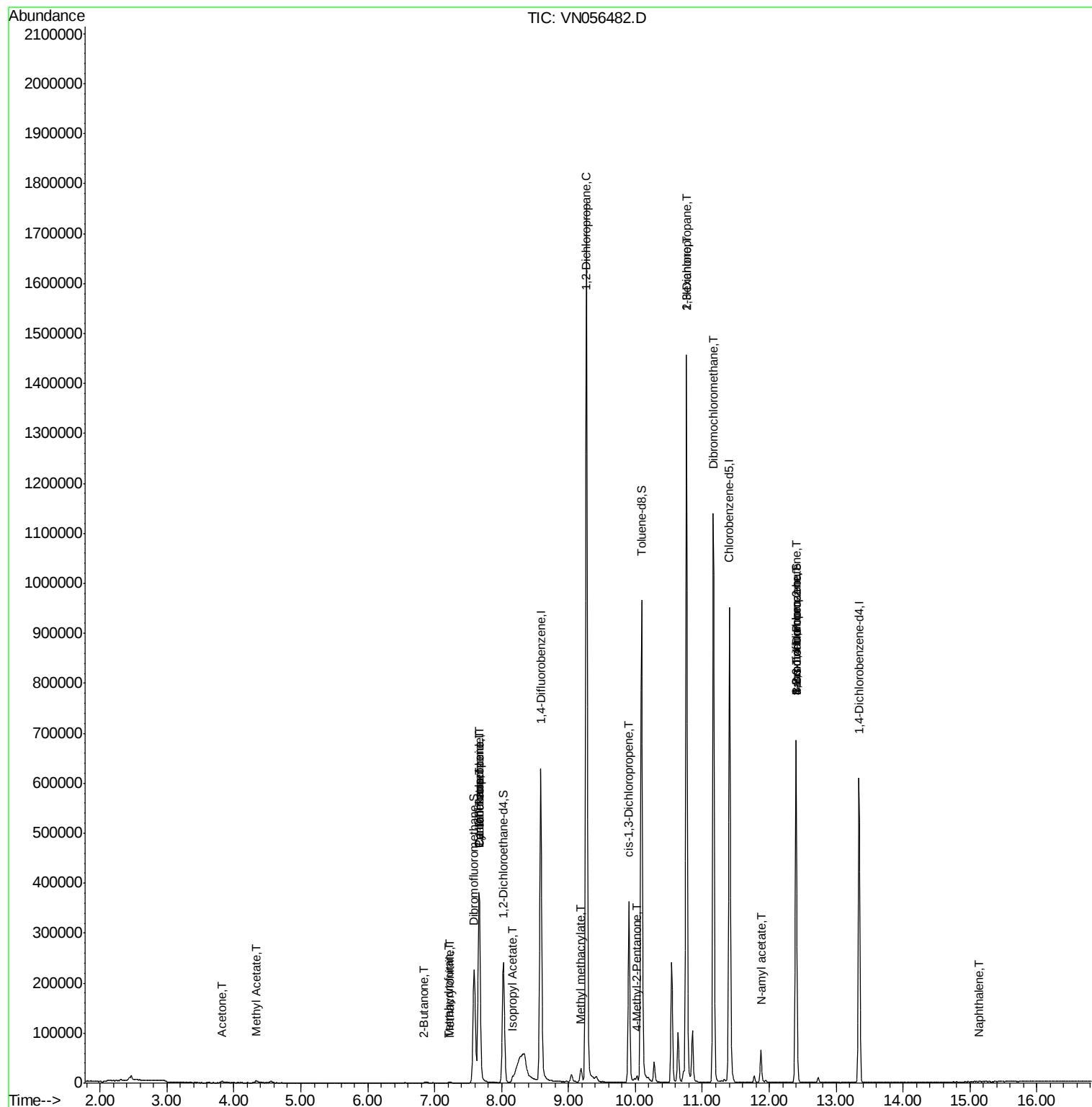
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 7.67   | 168  | 347644   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.59   | 114  | 600546   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 11.41  | 117  | 599489   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 13.34  | 152  | 176580   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 8.03   | 65   | 202753   | 52.62     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 105.24% |          |
| 35) Dibromofluoromethane       | 7.59   | 113  | 174859   | 46.67     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 93.34%  |          |
| 50) Toluene-d8                 | 10.09  | 98   | 745739   | 51.16     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 102.32% |          |
| 62) 4-Bromofluorobenzene       | 12.40  | 95   | 244281   | 50.27     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 100.54% |          |
| Target Compounds               |        |      |          |           |         |          |
|                                |        |      |          |           | Qvalue  |          |
| 16) Acetone                    | 3.83   | 43   | 6499     | 3.367     | ug/l    | 92       |
| 18) Methyl Acetate             | 4.33   | 43   | 8344     | 1.363     | ug/l    | 95       |
| 20) Methylene Chloride         | 4.55   | 84   | 1991     | Below Cal |         | 87       |
| 25) 2-Butanone                 | 6.84   | 43   | 817      | 0.320     | ug/l #  | 49       |
| 29) Tetrahydrofuran            | 7.22   | 42   | 552      | 0.354     | ug/l #  | 63       |
| 31) Cyclohexane                | 7.66   | 56   | 5147     | 0.865     | ug/l #  | 1        |
| 36) 1,1-Dichloropropene        | 7.66   | 75   | 22250    | 4.209     | ug/l #  | 50       |
| 38) Carbon Tetrachloride       | 7.67   | 117  | 29880    | 6.464     | ug/l #  | 15       |
| 41) Methacrylonitrile          | 7.23   | 41   | 515      | 0.225     | ug/l #  | 24       |
| 43) Isopropyl Acetate          | 8.17   | 43   | 13019    | 1.625     | ug/l    | 97       |
| 45) 1,2-Dichloropropane        | 9.27   | 63   | 2095     | 0.482     | ug/l #  | 43       |
| 48) Methyl methacrylate        | 9.18   | 41   | 9920     | 2.471     | ug/l #  | 12       |
| 51) 4-Methyl-2-Pentanone       | 10.02  | 43   | 9465     | 1.831     | ug/l #  | 35       |
| 54) cis-1,3-Dichloropropene    | 9.90   | 75   | 68808    | 11.842    | ug/l #  | 63       |
| 57) 1,3-Dichloropropane        | 10.76  | 76   | 14901    | 2.220     | ug/l #  | 42       |
| 59) 2-Hexanone                 | 10.76  | 43   | 206832   | 54.433    | ug/l #  | 50       |
| 60) Dibromochloromethane       | 11.17  | 129  | 60       | 2.396     | ug/l #  | 10       |
| 71) Bromoform                  | 12.40  | 173  | 1920     | 3.690     | ug/l #  | 1        |
| 73) Isopropylbenzene           | 12.40  | 105  | 63       | Below Cal | #       | 48       |
| 74) N-amyl acetate             | 11.88  | 43   | 20911    | 3.721     | ug/l #  | 50       |
| 76) 1,2,3-Trichloropropane     | 12.40  | 75   | 113471   | 30.991    | ug/l #  | 100      |
| 79) 2-Chlorotoluene            | 12.73  | 91   | 605      | Below Cal | #       | 40       |
| 80) 1,3,5-Trimethylbenzene     | 12.73  | 105  | 6219     | Below Cal |         | 91       |
| 81) trans-1,4-Dichloro-2-buten | 12.40  | 75   | 113471   | 110.147   | ug/l #  | 8        |
| 83) tert-Butylbenzene          | 12.73  | 119  | 629      | Below Cal | #       | 55       |
| 95) Naphthalene                | 15.13  | 128  | 59       | 5.251     | ug/l #  | 70       |

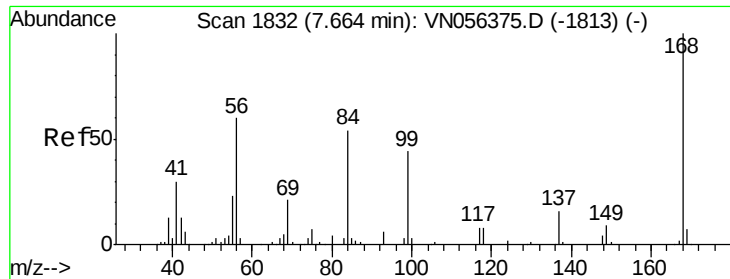
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 21 03:45:40 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056482.D

Acq: 25 Jun 2019 13:31

Instrument :

MSVOA\_N

ClientSampleId :

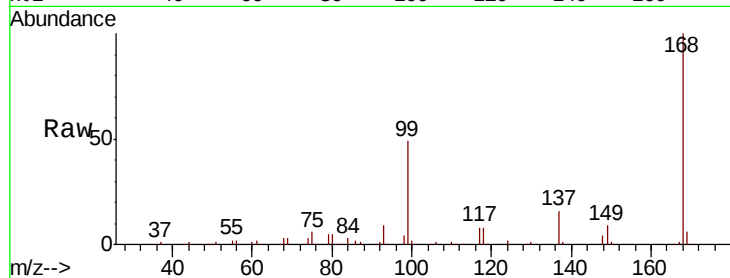
PB120881ZHE#14

Tot Ion:168 Resp: 347644

Ion Ratio Lower Upper

168 100

99 49.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056375.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056375.D (-1813) (-)

7.67

150000

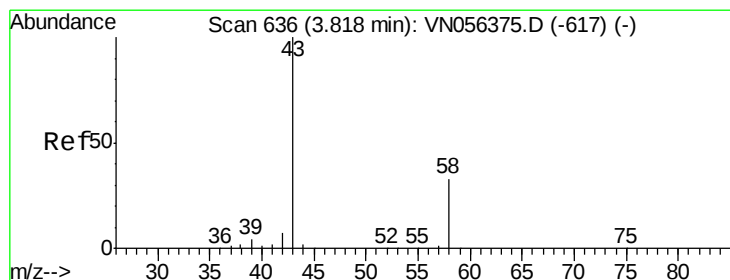
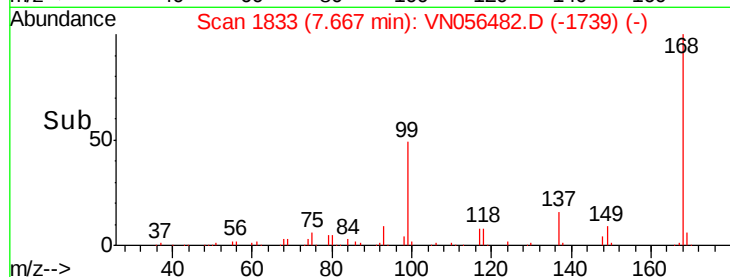
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 3.367 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056482.D

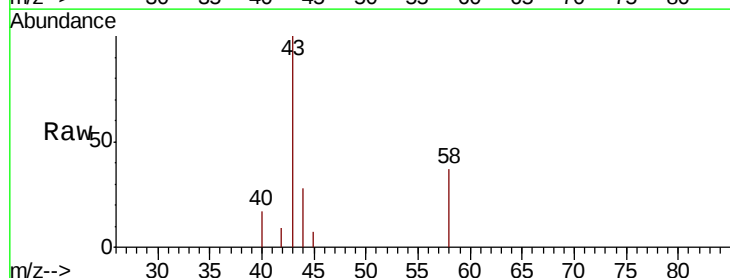
Acq: 25 Jun 2019 13:31

Tgt Ion: 43 Resp: 6499

Ion Ratio Lower Upper

43 100

58 37.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN056375.D (-617) (-)

3.83

2500

2000

1500

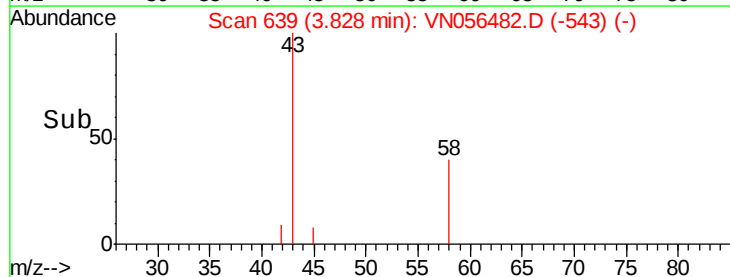
1000

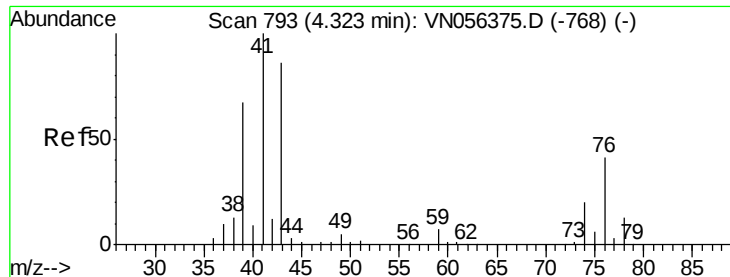
500

0

3.75 3.80 3.85 3.90

Time-->

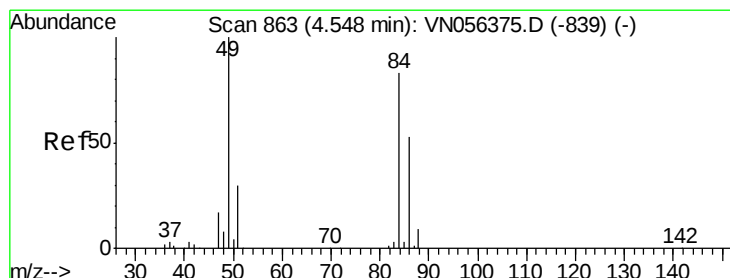
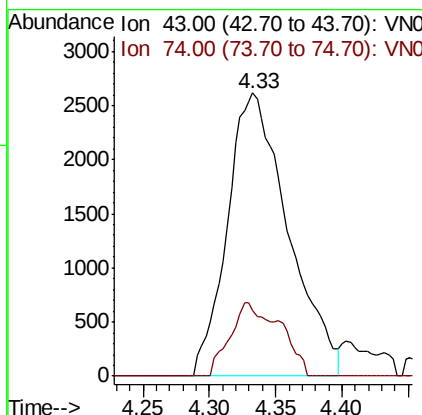
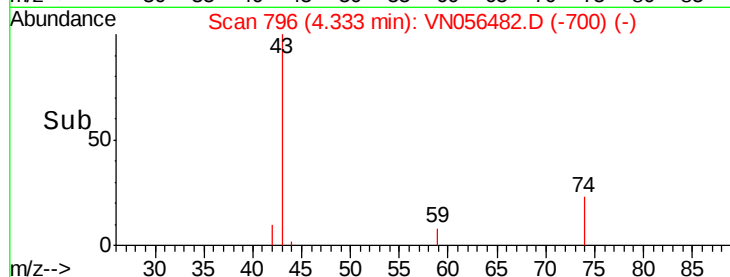
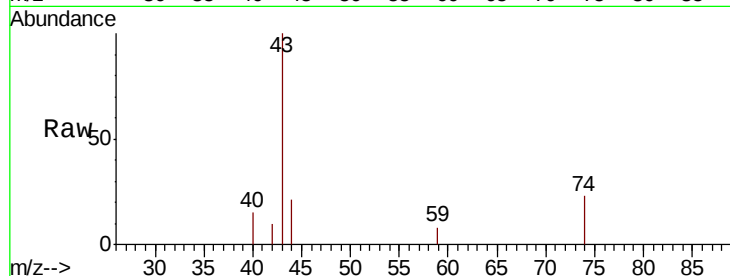




#18  
Methyl Acetate  
Concen: 1.363 ug/l  
RT: 4.33 min Scan# 796  
Delta R.T. 0.01 min  
Lab File: VN056482.D  
Acq: 25 Jun 2019 13:31

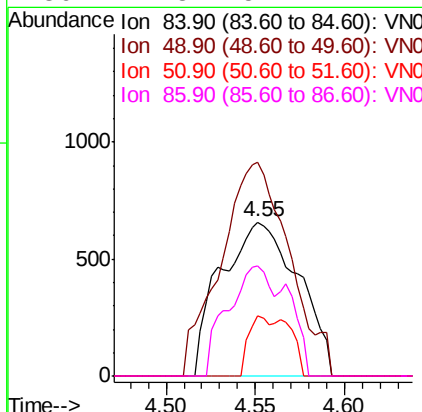
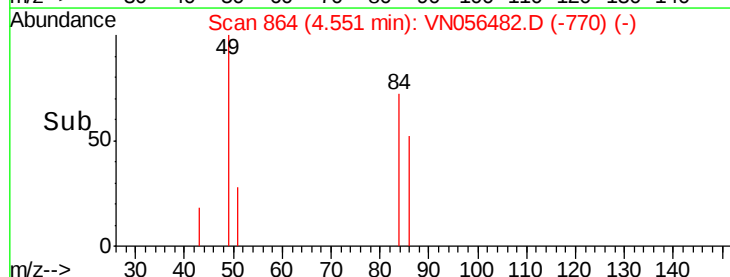
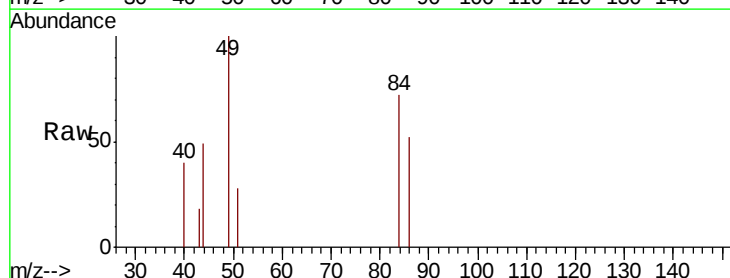
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB120881ZHE#14

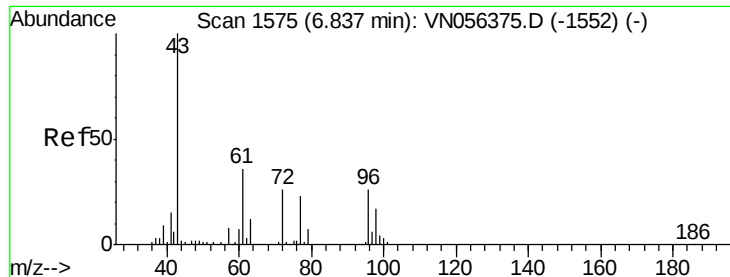
Tot Ion: 43 Resp: 8344  
Ion Ratio Lower Upper  
43 100  
74 21.4 19.2 28.8



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.55 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: VN056482.D  
Acq: 25 Jun 2019 13:31

Tgt Ion: 84 Resp: 1991  
Ion Ratio Lower Upper  
84 100  
49 139.0 96.4 144.6  
51 39.6 28.6 43.0  
86 71.8 51.4 77.2





#25

2-Butanone

Concen: 0.320 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN056482.D

Acq: 25 Jun 2019 13:31

Instrument :

MSVOA\_N

ClientSampleId :

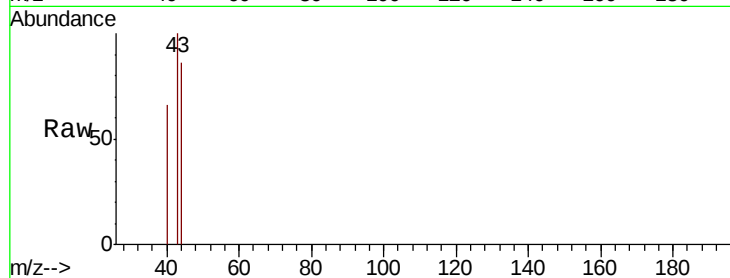
PB120881ZHE#14

Tot Ion: 43 Resp: 817

Ion Ratio Lower Upper

43 100

72 0.0 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

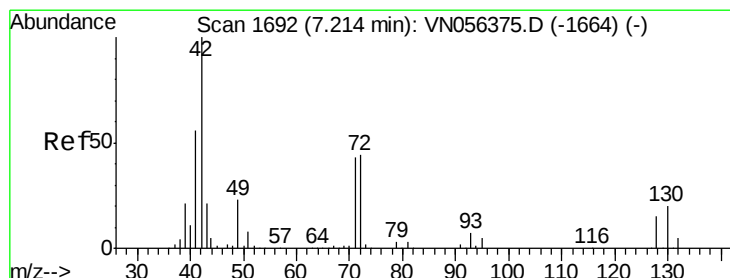
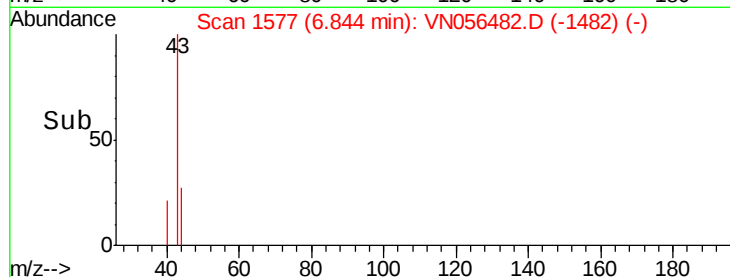
6.84

400

200

0

Time--> 6.80 6.82 6.84 6.86



#29

Tetrahydrofuran

Concen: 0.354 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN056482.D

Acq: 25 Jun 2019 13:31

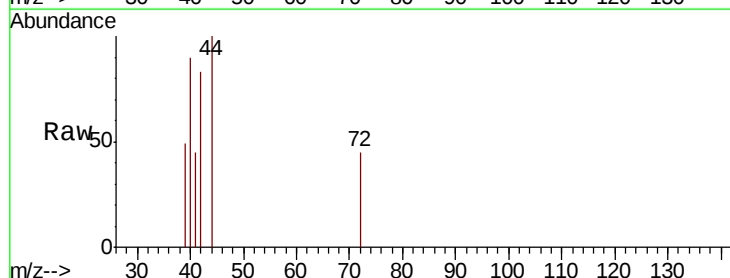
Tgt Ion: 42 Resp: 552

Ion Ratio Lower Upper

42 100

72 31.9 34.7 52.1#

71 5.3 33.0 49.6#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

500

400

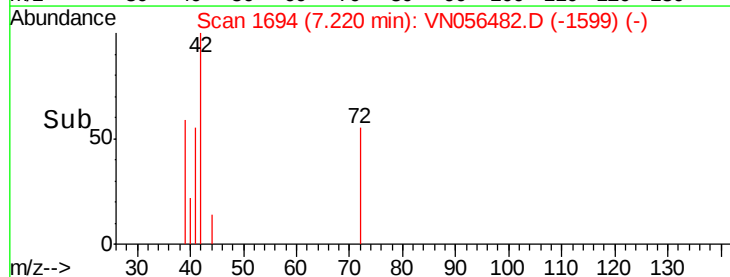
300

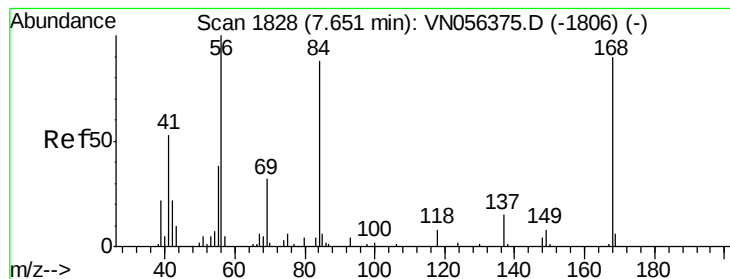
200

100

0

Time--> 7.18 7.20 7.22 7.24





#31

Cyclohexane

Concen: 0.865 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN056482.D

Acq: 25 Jun 2019 13:31

Instrument :

MSVOA\_N

ClientSampleId :

PB120881ZHE#14

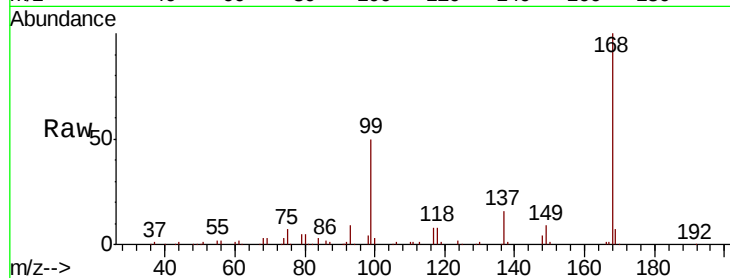
Tot Ion: 56 Resp: 5147

Ion Ratio Lower Upper

56 100

69 203.5 25.8 38.6#

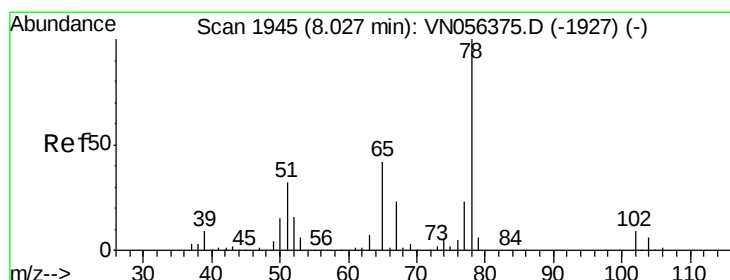
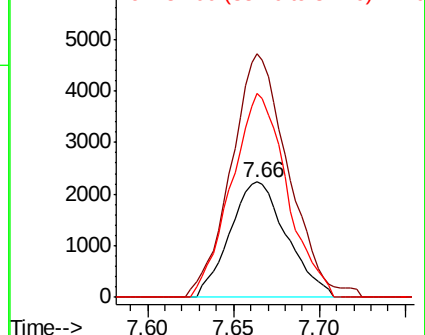
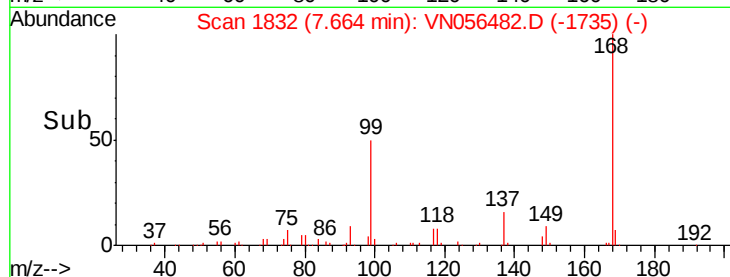
84 177.3 69.4 104.0#



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: 52.623 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056482.D

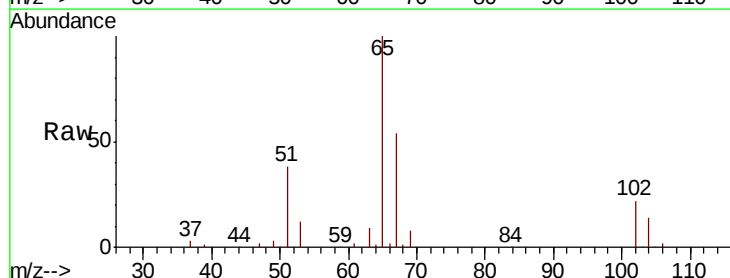
Acq: 25 Jun 2019 13:31

Tgt Ion: 65 Resp: 202753

Ion Ratio Lower Upper

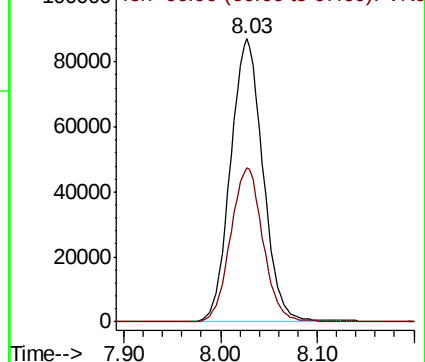
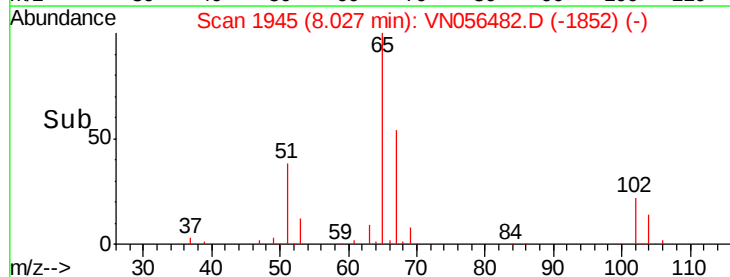
65 100

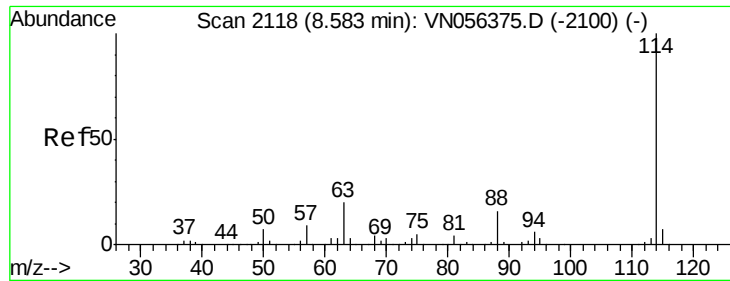
67 54.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

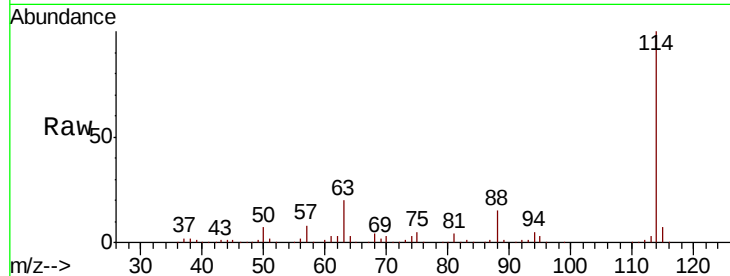




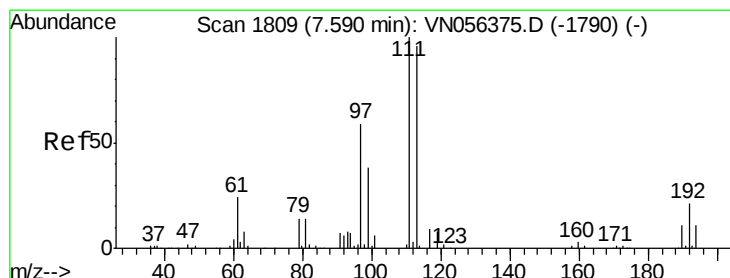
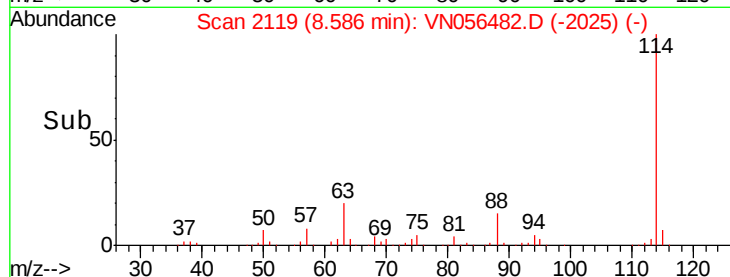
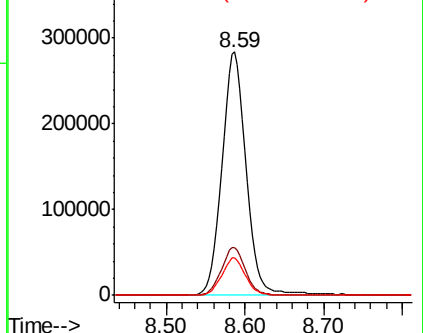
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN056482.D  
 Acq: 25 Jun 2019 13:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB120881ZHE#14

Tot Ion:114 Resp: 600546  
 Ion Ratio Lower Upper  
 114 100  
 63 19.8 0.0 39.2  
 88 15.4 0.0 31.4

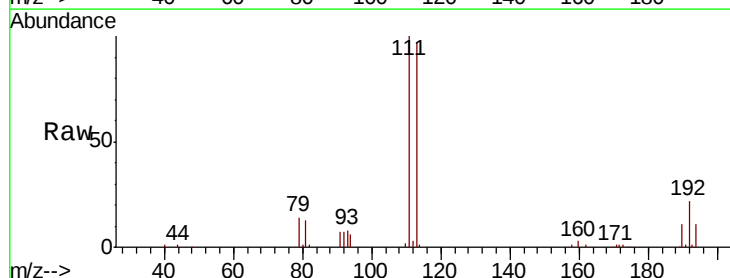


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VN  
 Ion 87.90 (87.60 to 88.60): VN

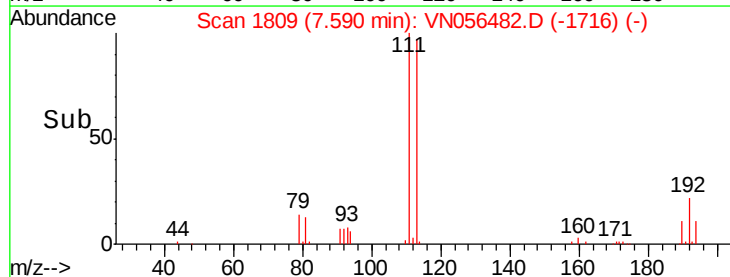
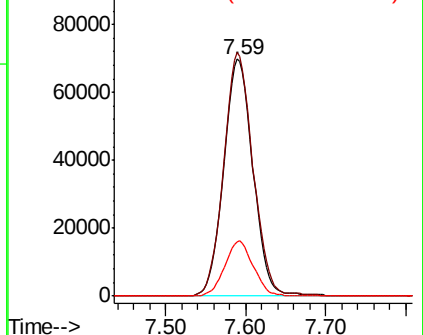


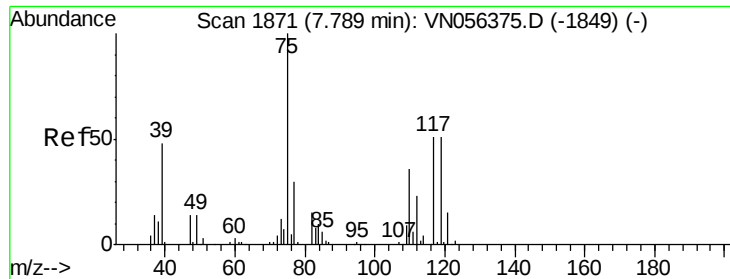
#35  
 Dibromofluoromethane  
 Concen: 46.674 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: VN056482.D  
 Acq: 25 Jun 2019 13:31

Tgt Ion:113 Resp: 174859  
 Ion Ratio Lower Upper  
 113 100  
 111 102.8 82.9 124.3  
 192 22.6 17.7 26.5



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

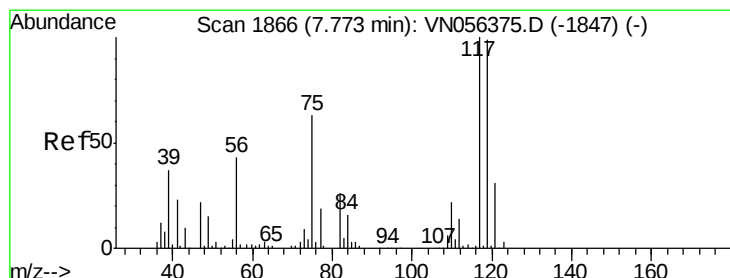
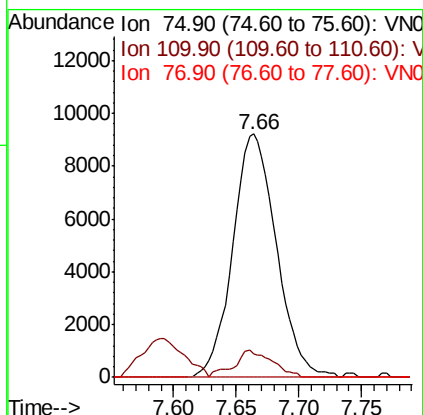
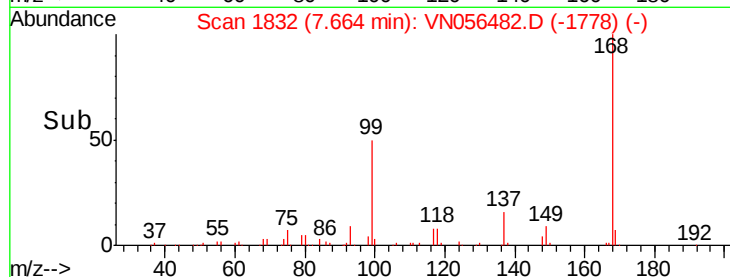
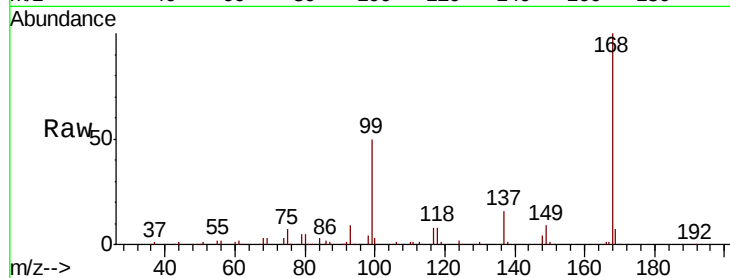




#36  
 1,1-Dichloropropene  
 Concen: 4.209 ug/l  
 RT: 7.66 min Scan# 1832  
 Delta R.T. -0.13 min  
 Lab File: VN056482.D  
 Acq: 25 Jun 2019 13:31

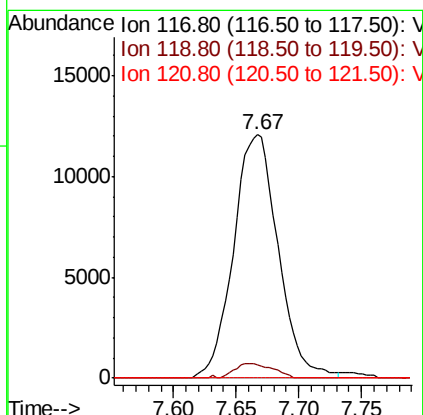
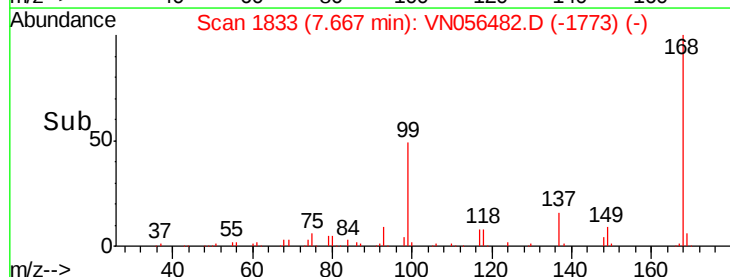
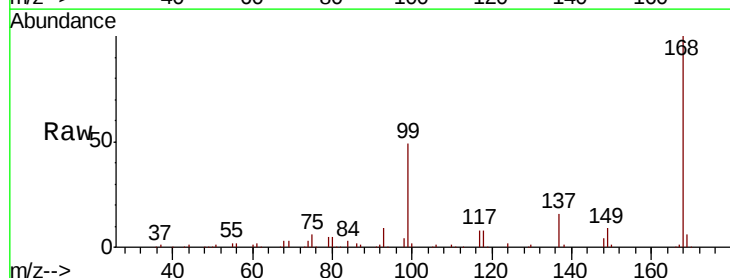
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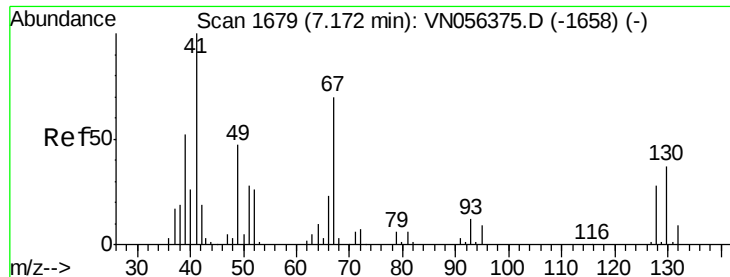
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 9.7   | 18.1  | 54.3# |
| 77      | 0.0   | 24.6  | 36.8# |



#38  
 Carbon Tetrachloride  
 Concen: 6.464 ug/l  
 RT: 7.67 min Scan# 1833  
 Delta R.T. -0.11 min  
 Lab File: VN056482.D  
 Acq: 25 Jun 2019 13:31

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 5.7   | 79.1  | 118.7# |
| 121     | 0.0   | 24.8  | 37.2#  |

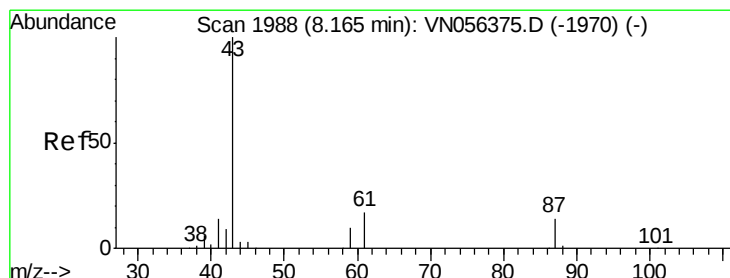
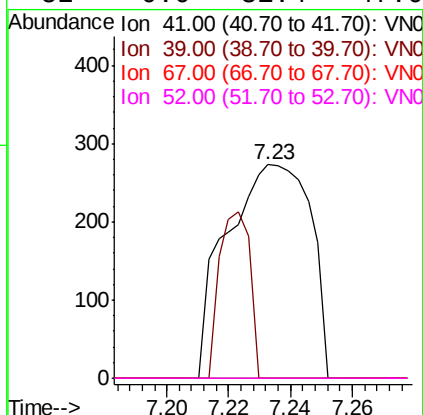
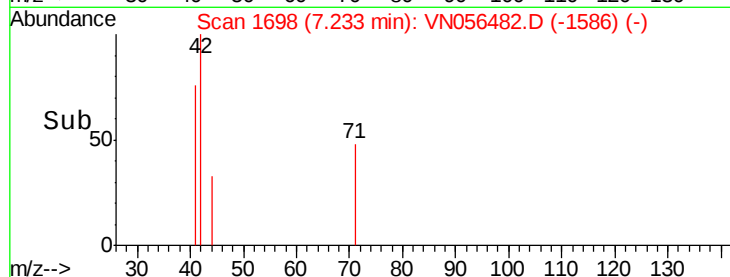
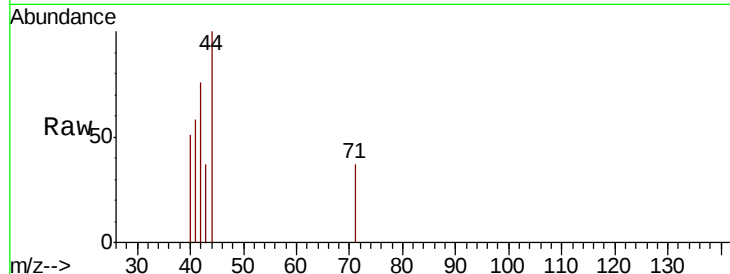




#41  
Methacrylonitrile  
Concen: 0.225 ug/l  
RT: 7.23 min Scan# 1698  
Delta R.T. 0.06 min  
Lab File: VN056482.D  
Acq: 25 Jun 2019 13:31

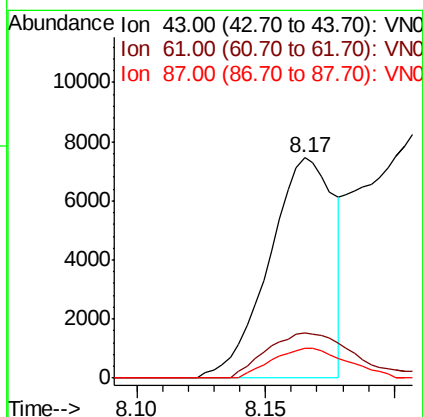
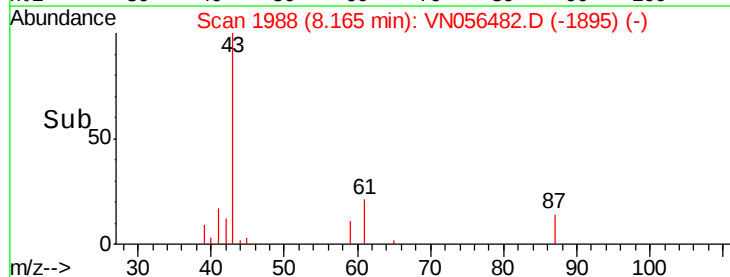
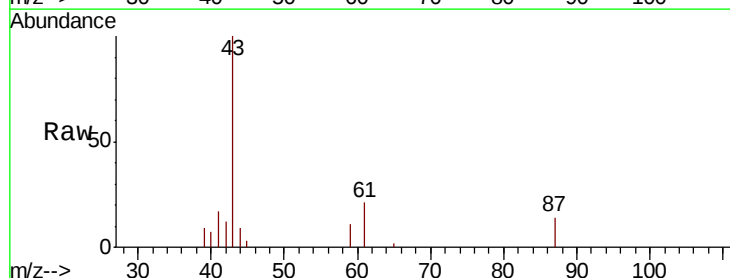
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB120881ZHE#14

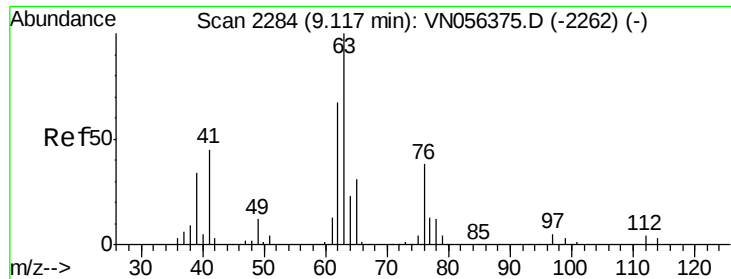
Tot Ion: 41 Resp: 515  
Ion Ratio Lower Upper  
41 100  
39 28.2 55.3 82.9#  
67 0.0 79.2 118.8#  
52 0.0 31.4 47.0#



#43  
Isopropyl Acetate  
Concen: 1.625 ug/l  
RT: 8.17 min Scan# 1988  
Delta R.T. -0.00 min  
Lab File: VN056482.D  
Acq: 25 Jun 2019 13:31

Tgt Ion: 43 Resp: 13019  
Ion Ratio Lower Upper  
43 100  
61 28.3 22.0 33.0  
87 15.8 11.0 16.4

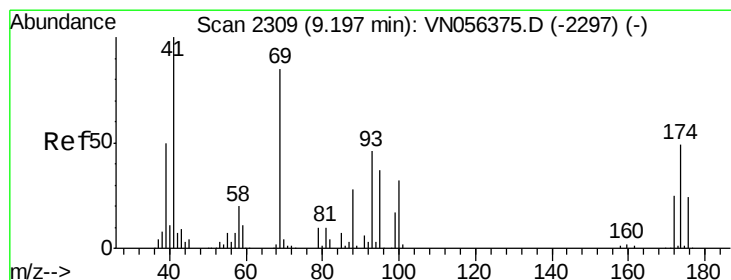
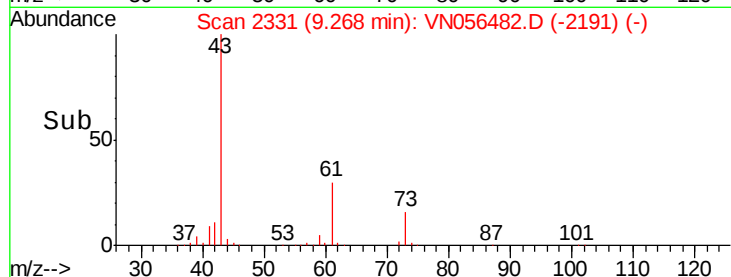
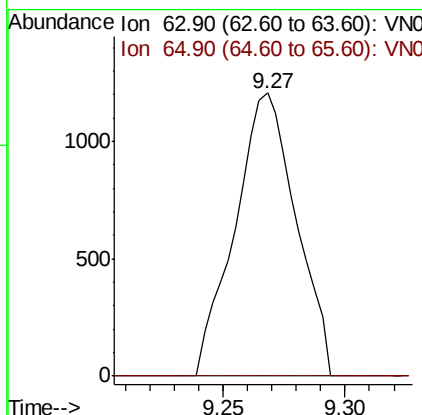
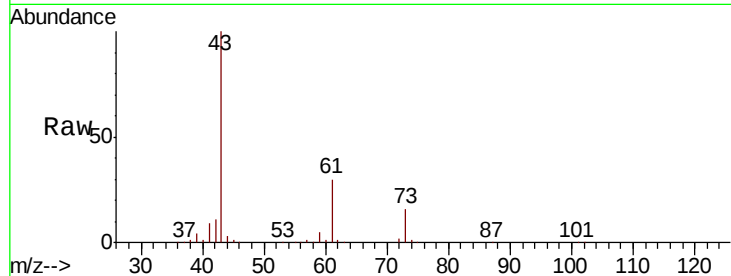




#45  
 1,2-Dichloropropane  
 Concen: 0.482 ug/l  
 RT: 9.27 min Scan# 2331  
 Delta R.T. 0.15 min  
 Lab File: VN056482.D  
 Acq: 25 Jun 2019 13:31

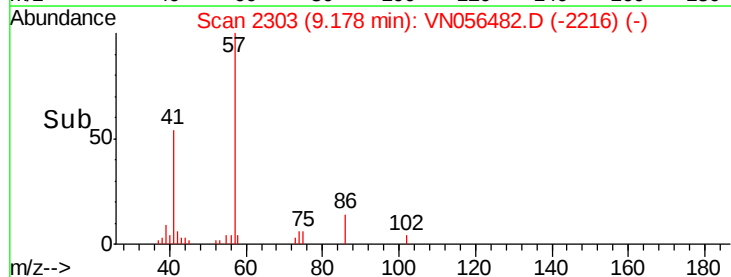
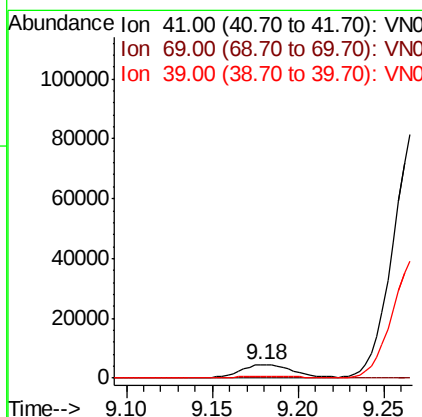
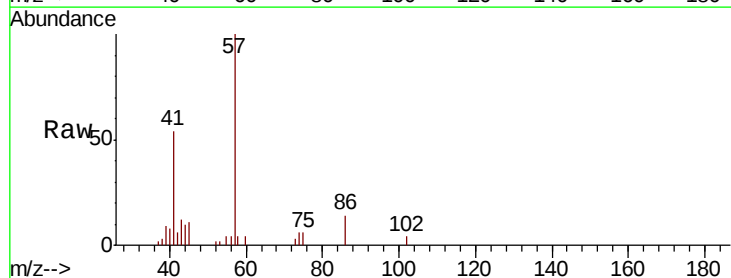
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB120881ZHE#14

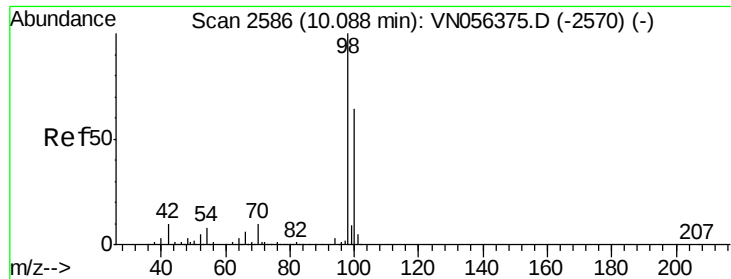
Tot Ion: 63 Resp: 2095  
 Ion Ratio Lower Upper  
 63 100  
 65 0.0 25.0 37.6#



#48  
 Methyl methacrylate  
 Concen: 2.471 ug/l  
 RT: 9.18 min Scan# 2303  
 Delta R.T. -0.02 min  
 Lab File: VN056482.D  
 Acq: 25 Jun 2019 13:31

Tgt Ion: 41 Resp: 9920  
 Ion Ratio Lower Upper  
 41 100  
 69 0.0 72.6 109.0#  
 39 0.0 42.6 63.8#





#50

Toluene-d8

Concen: 51.156 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056482.D

Acq: 25 Jun 2019 13:31

Instrument :

MSVOA\_N

ClientSampleId :

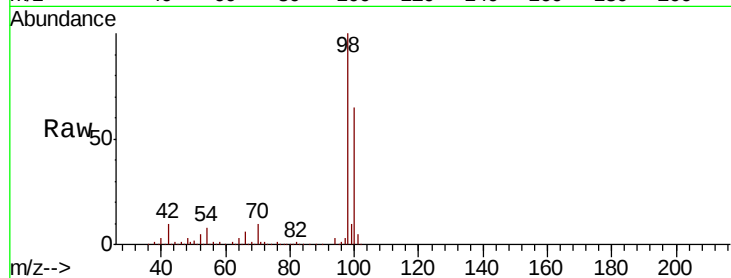
PB120881ZHE#14

Tot Ion: 98 Resp: 745739

Ion Ratio Lower Upper

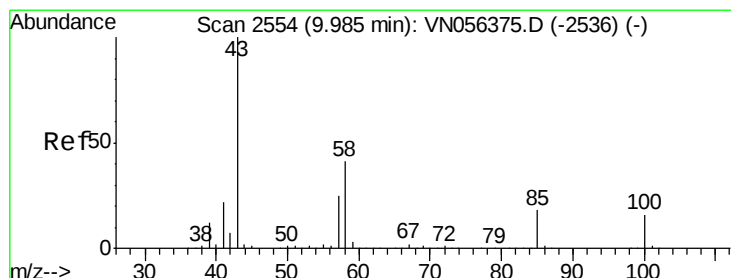
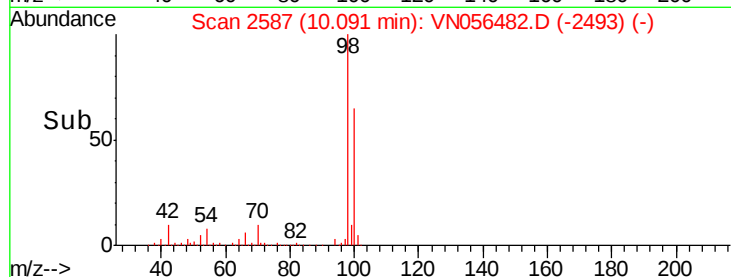
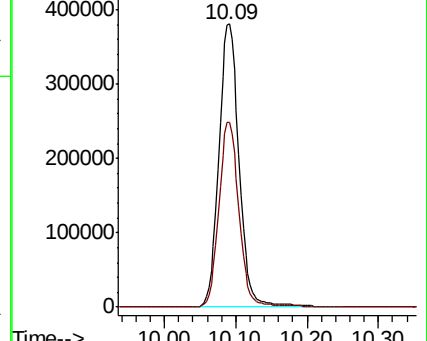
98 100

100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 1.831 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN056482.D

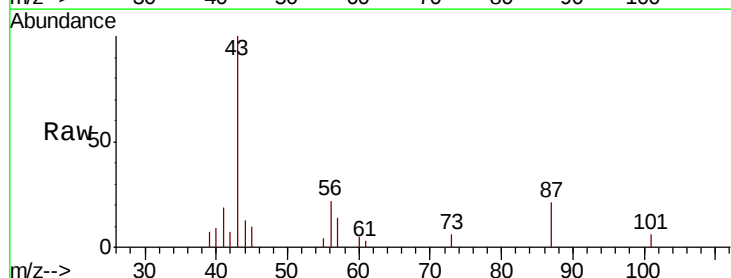
Acq: 25 Jun 2019 13:31

Tgt Ion: 43 Resp: 9465

Ion Ratio Lower Upper

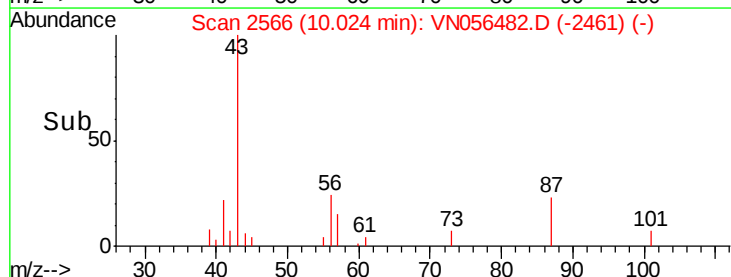
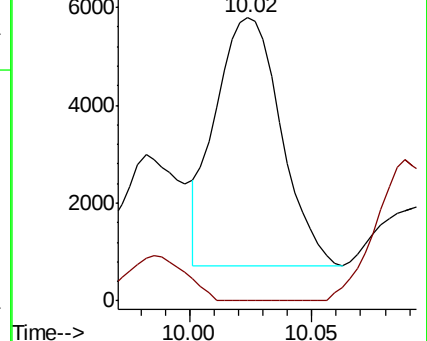
43 100

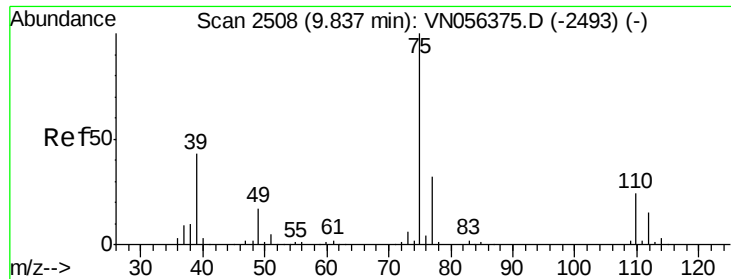
58 0.0 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



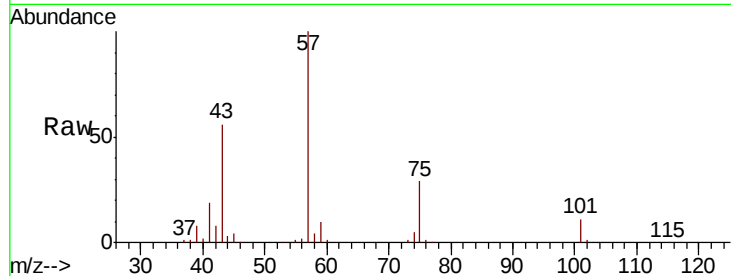


#54

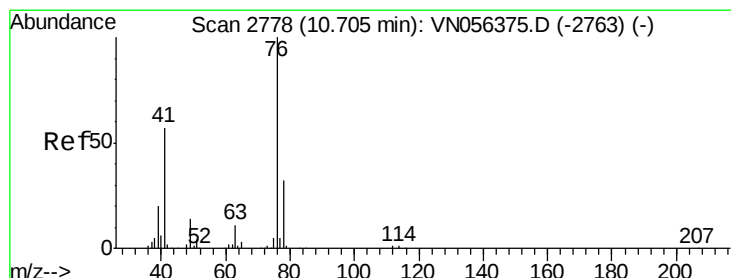
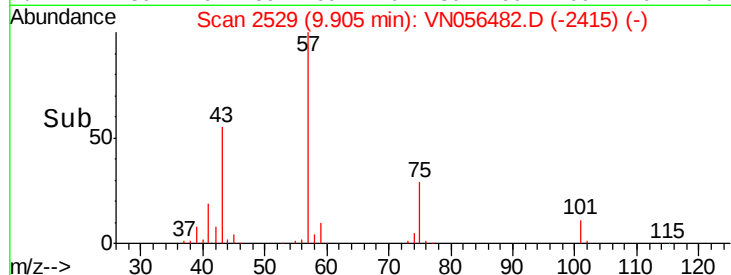
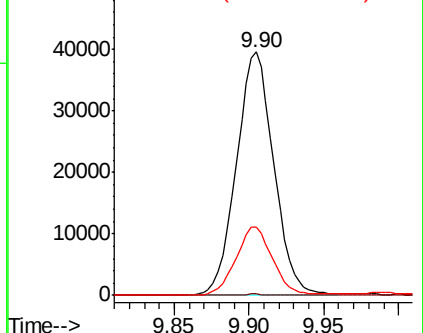
cis-1,3-Dichloropropene  
 Concen: 11.842 ug/l  
 RT: 9.90 min Scan# 2529  
 Delta R.T. 0.07 min  
 Lab File: VN056482.D  
 Acq: 25 Jun 2019 13:31

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB120881ZHE#14

Tot Ion: 75 Resp: 68808  
 Ion Ratio Lower Upper  
 75 100  
 77 0.5 25.2 37.8#  
 39 27.9 34.2 51.4#



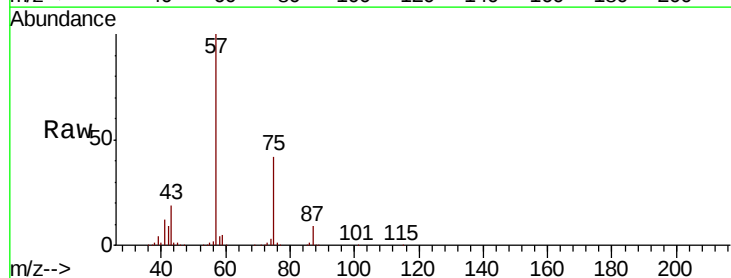
Abundance Ion 74.90 (74.60 to 75.60): VNO  
 Ion 76.90 (76.60 to 77.60): VNO  
 Ion 39.00 (38.70 to 39.70): VNO



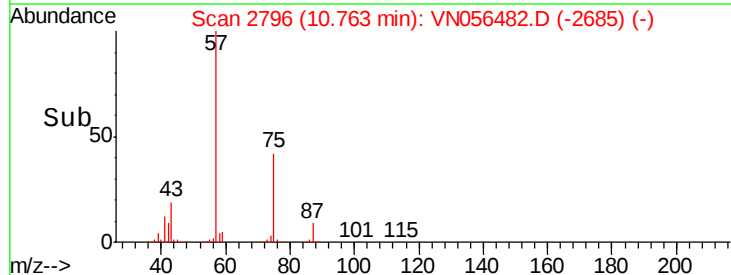
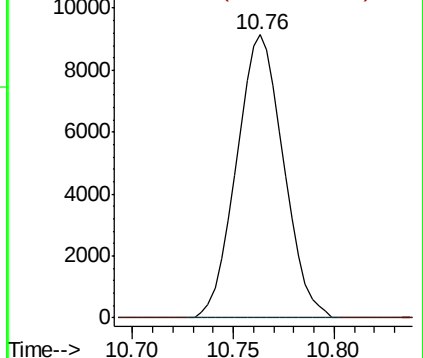
#57

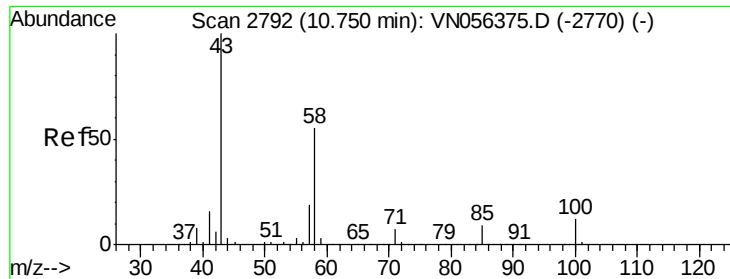
1,3-Dichloropropane  
 Concen: 2.220 ug/l  
 RT: 10.76 min Scan# 2796  
 Delta R.T. 0.06 min  
 Lab File: VN056482.D  
 Acq: 25 Jun 2019 13:31

Tgt Ion: 76 Resp: 14901  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.9 38.9#



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

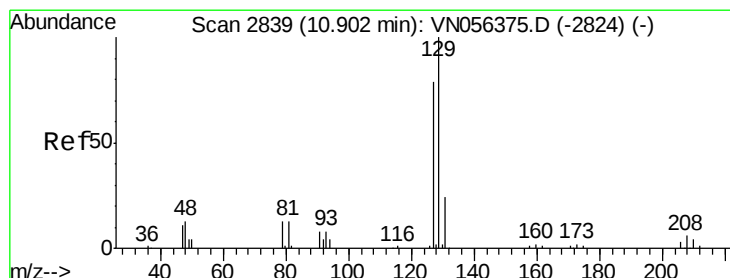
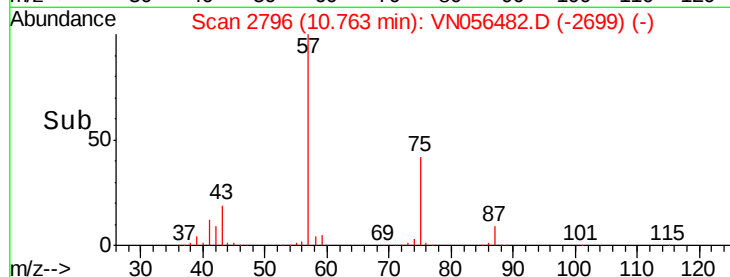
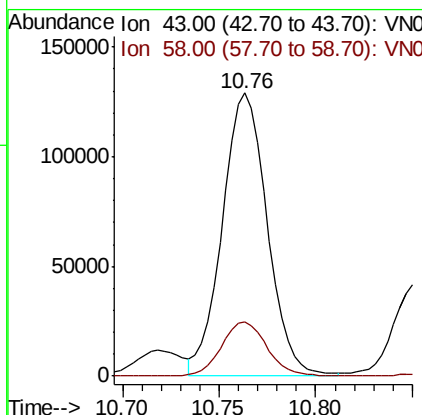
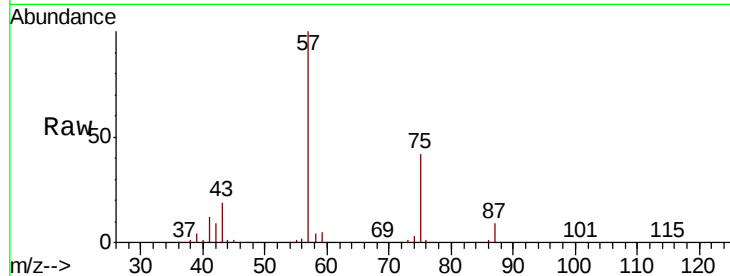




#59  
2-Hexanone  
Concen: 54.433 ug/l  
RT: 10.76 min Scan# 2796  
Delta R.T. 0.01 min  
Lab File: VN056482.D  
Acq: 25 Jun 2019 13:31

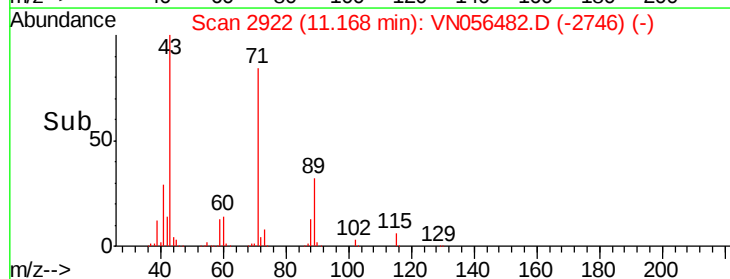
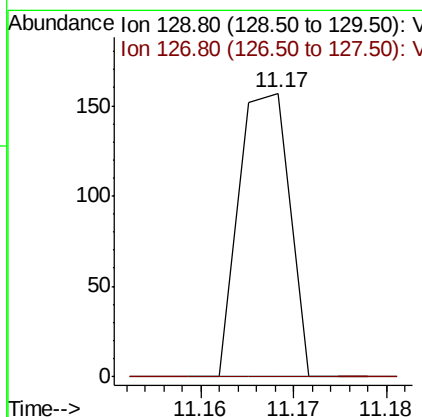
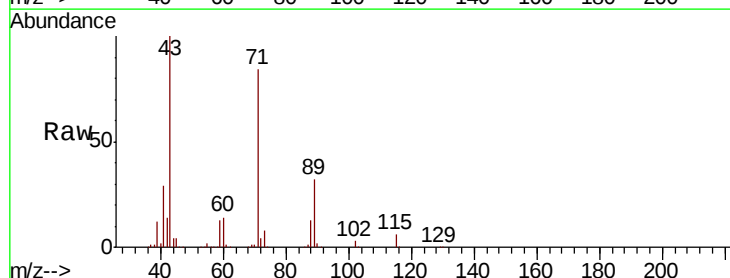
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB120881ZHE#14

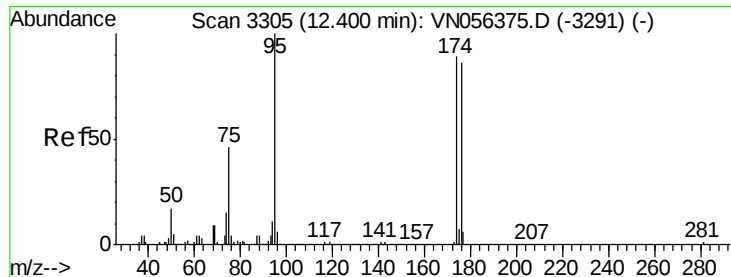
Tot Ion: 43 Resp: 206832  
Ion Ratio Lower Upper  
43 100  
58 19.6 27.8 83.4#



#60  
Dibromochloromethane  
Concen: 2.396 ug/l  
RT: 11.17 min Scan# 2922  
Delta R.T. 0.27 min  
Lab File: VN056482.D  
Acq: 25 Jun 2019 13:31

Tgt Ion: 129 Resp: 60  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 50.268 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056482.D

Acq: 25 Jun 2019 13:31

Instrument :

MSVOA\_N

ClientSampleId :

PB120881ZHE#14

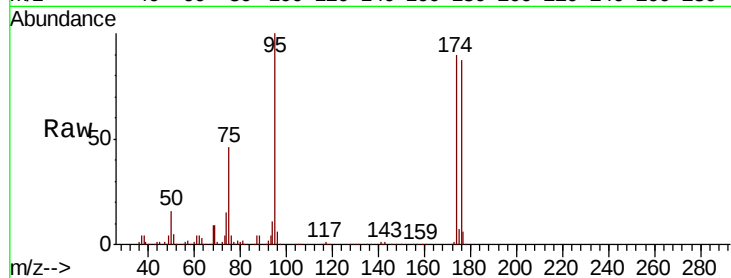
Tot Ion: 95 Resp: 244281

Ion Ratio Lower Upper

95 100

174 90.7 0.0 179.4

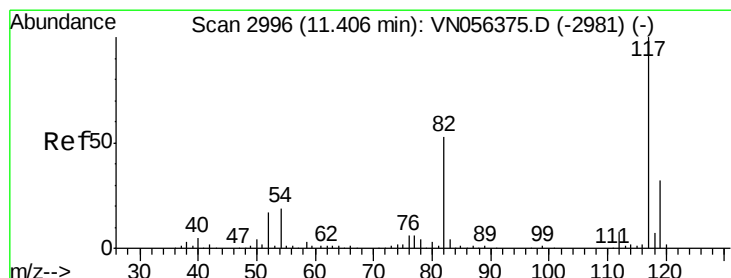
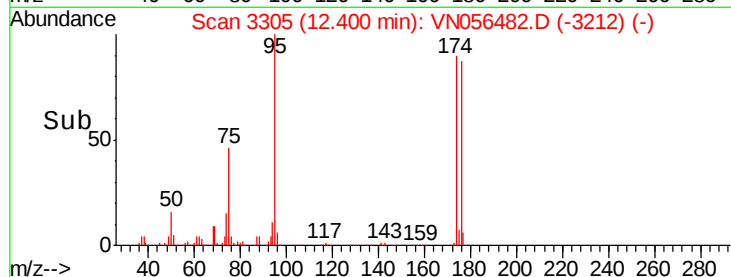
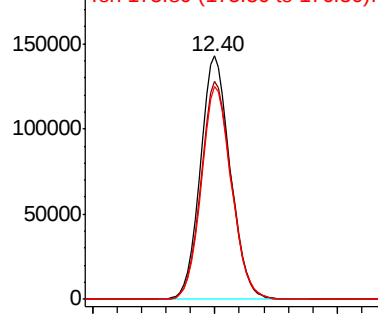
176 88.0 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056482.D

Acq: 25 Jun 2019 13:31

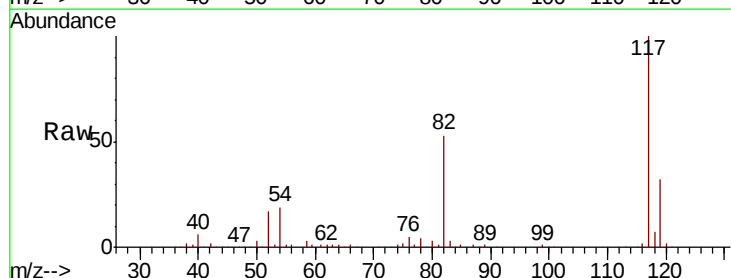
Tgt Ion: 117 Resp: 599489

Ion Ratio Lower Upper

117 100

82 53.4 42.0 63.0

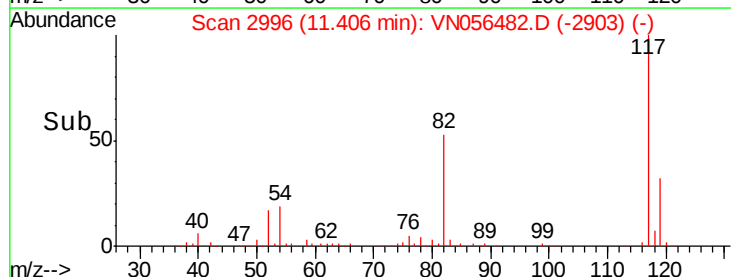
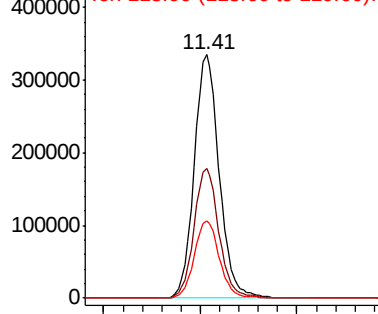
119 31.9 25.3 37.9

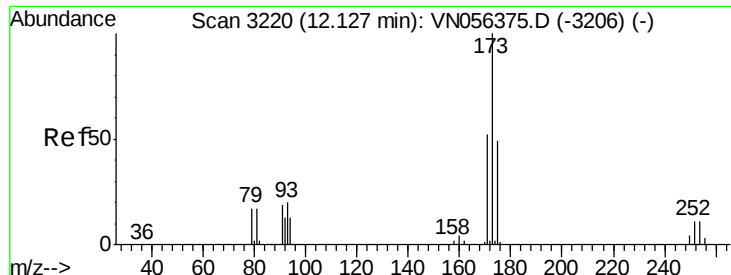


Abundance Ion 116.90 (116.60 to 117.60): VN056375.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056375.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056375.D (-2981) (-)





#71

Bromoform

Concen: 3.690 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056482.D

Acq: 25 Jun 2019 13:31

Instrument :

MSVOA\_N

ClientSampleId :

PB120881ZHE#14

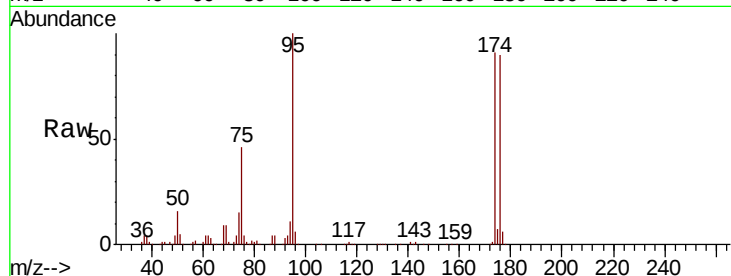
Tot Ion:173 Resp: 1920

Ion Ratio Lower Upper

173 100

175 741.4 24.4 73.4#

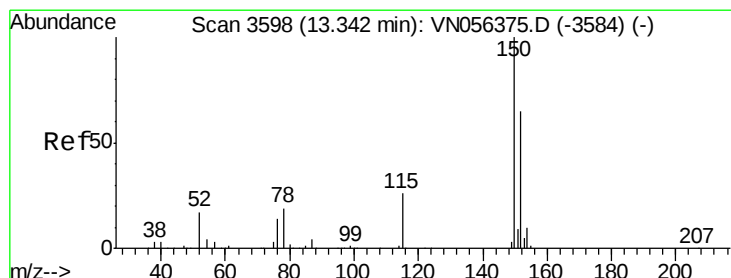
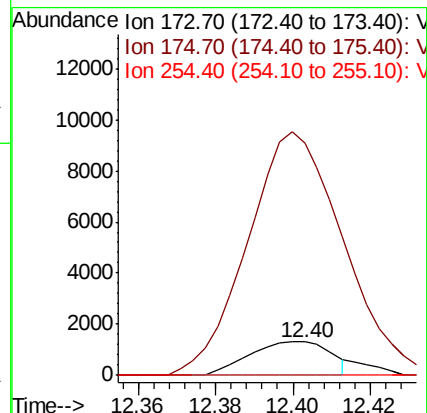
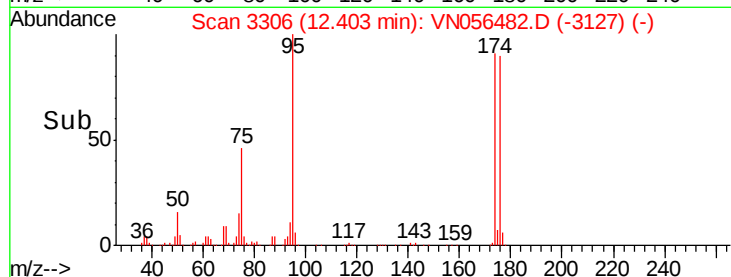
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056482.D

Acq: 25 Jun 2019 13:31

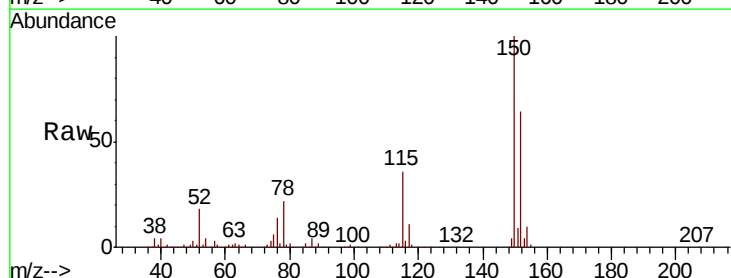
Tgt Ion:152 Resp: 176580

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.4

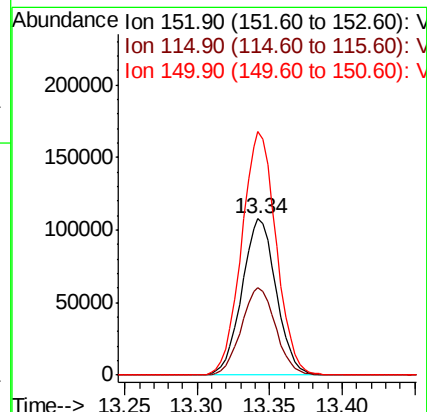
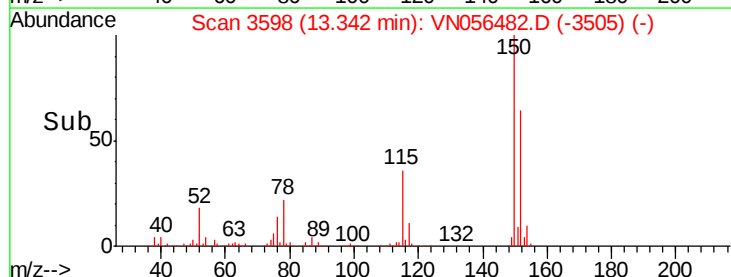
150 157.1 0.0 348.4

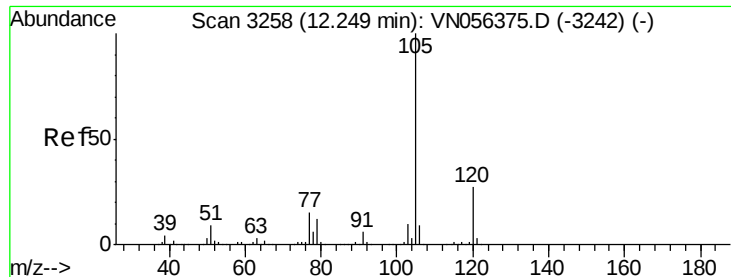


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. 0.15 min

Lab File: VN056482.D

Acq: 25 Jun 2019 13:31

Instrument :

MSVOA\_N

ClientSampleId :

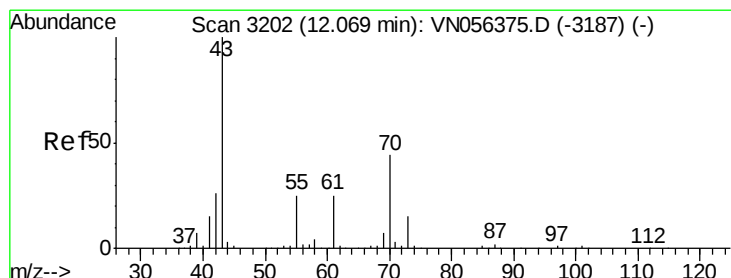
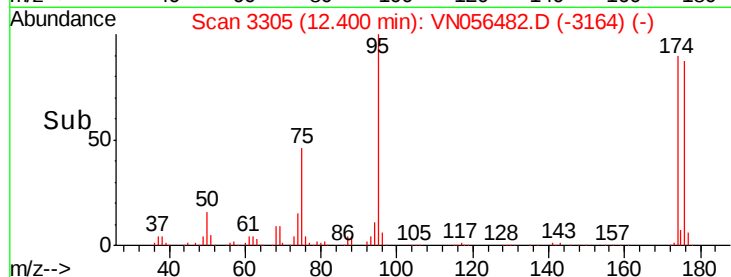
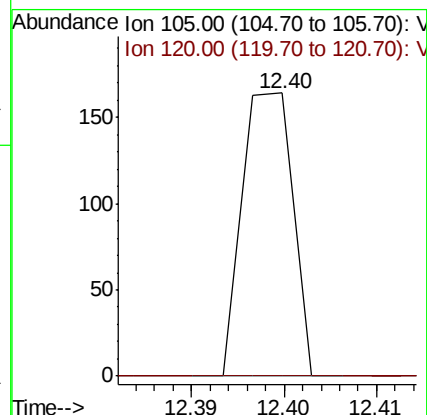
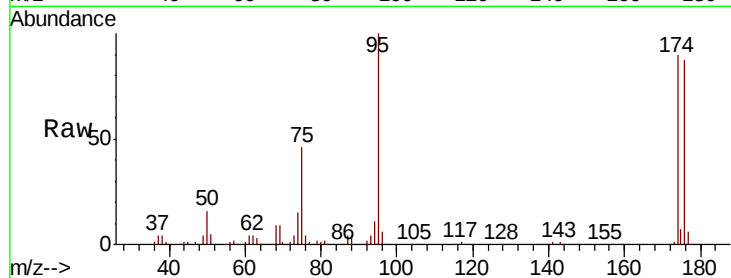
PB120881ZHE#14

Tot Ion:105 Resp: 63

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.2#



#74

N-ethyl acetate

Concen: 3.721 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN056482.D

Acq: 25 Jun 2019 13:31

Tgt Ion: 43 Resp: 20911

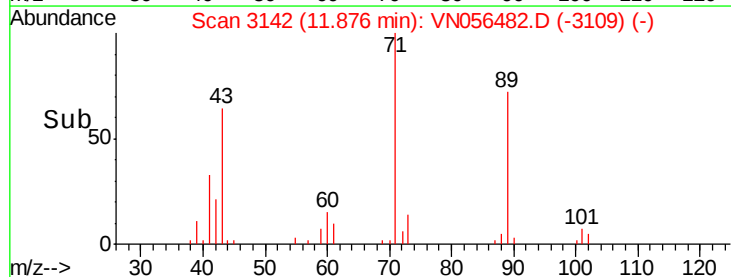
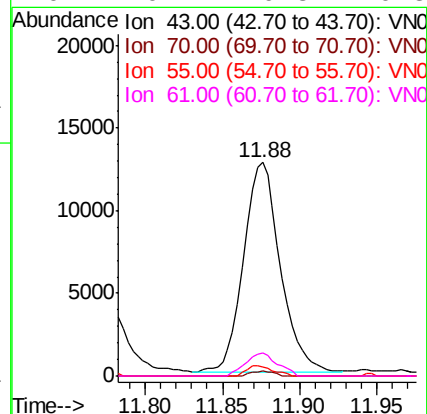
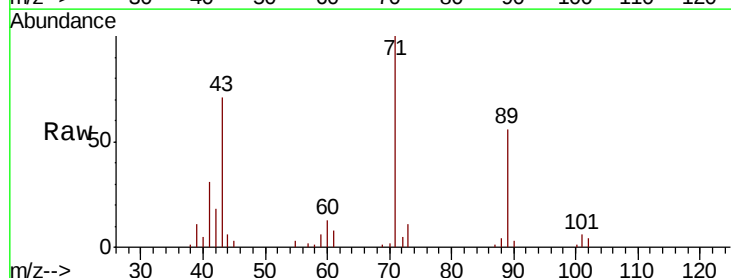
Ion Ratio Lower Upper

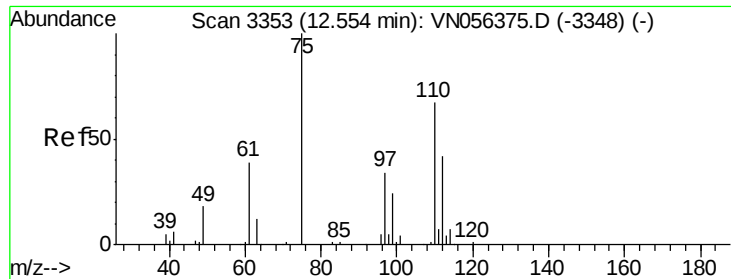
43 100

70 1.4 34.9 52.3#

55 3.5 20.4 30.6#

61 9.4 19.8 29.8#





#76

1,2,3-Trichloropropane

Concen: 30.991 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056482.D

Acq: 25 Jun 2019 13:31

Instrument :

MSVOA\_N

ClientSampleId :

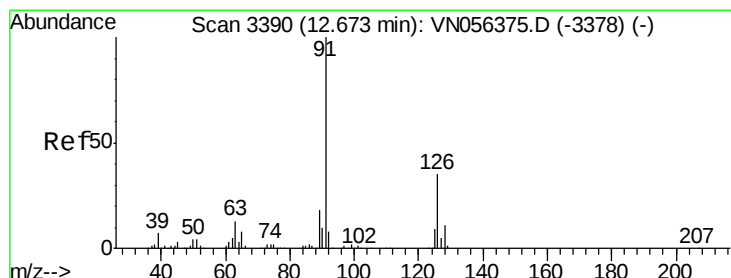
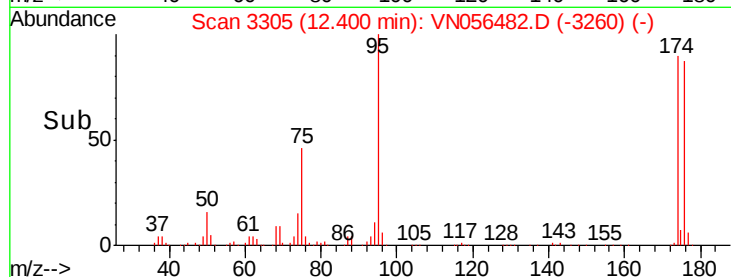
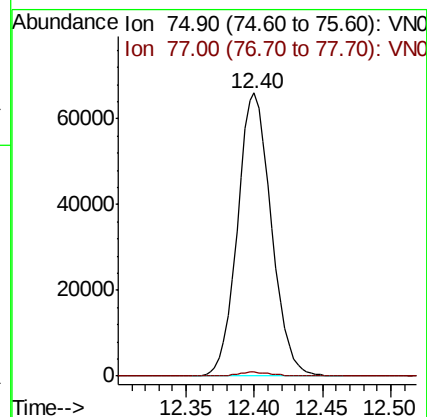
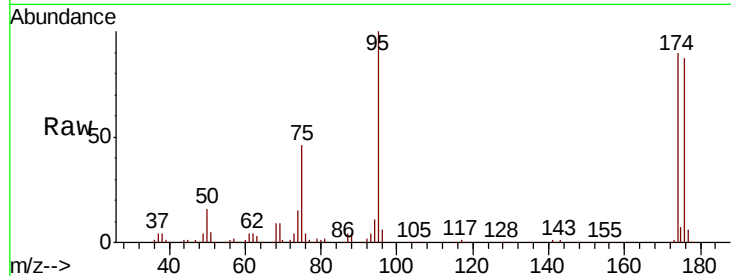
PB120881ZHE#14

Tot Ion: 75 Resp: 113471

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.06 min

Lab File: VN056482.D

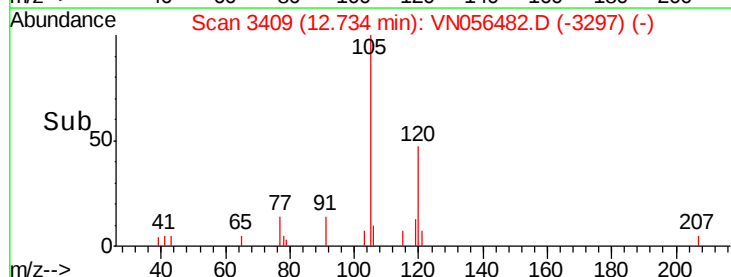
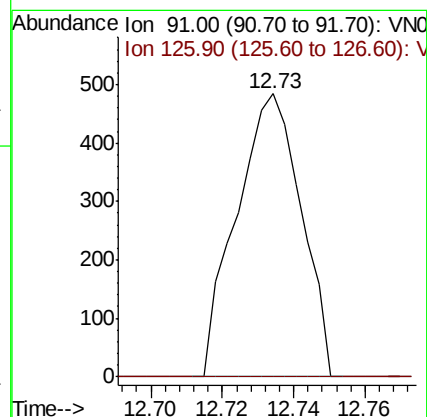
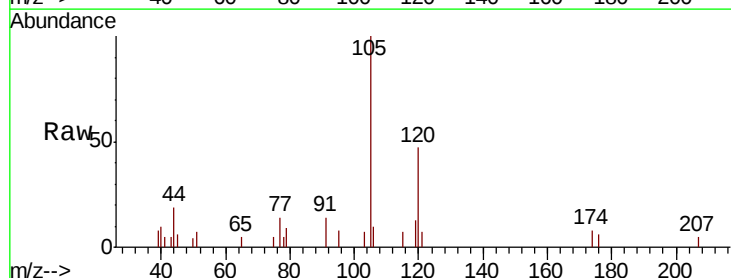
Acq: 25 Jun 2019 13:31

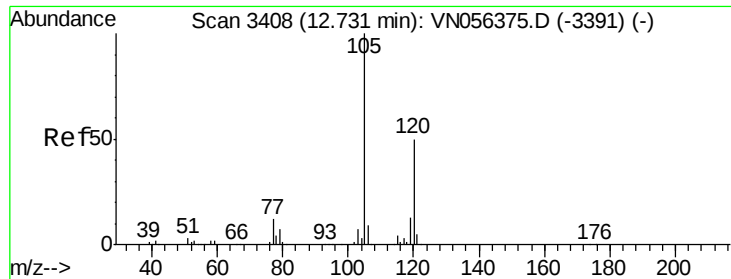
Tgt Ion: 91 Resp: 605

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#

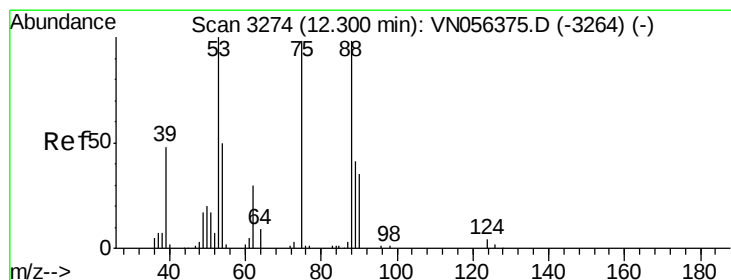
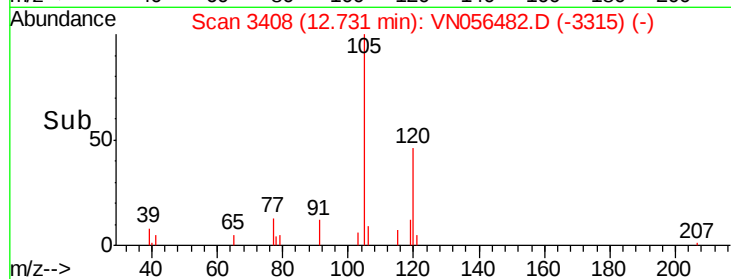
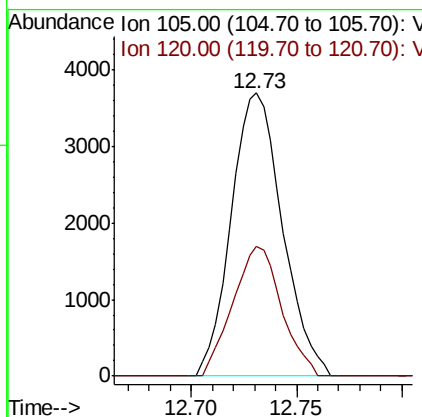
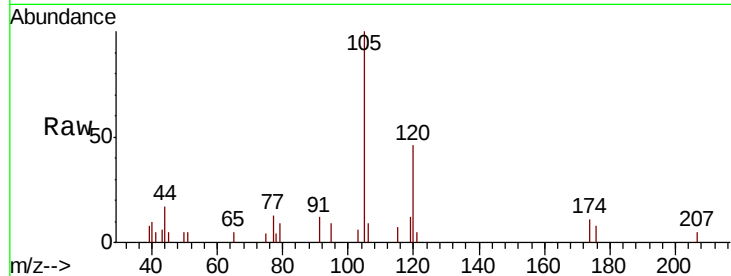




#80  
 1,3,5-Trimethylbenzene  
 Concen: Below Cal  
 RT: 12.73 min Scan# 3408  
 Delta R.T. 0.00 min  
 Lab File: VN056482.D  
 Acq: 25 Jun 2019 13:31

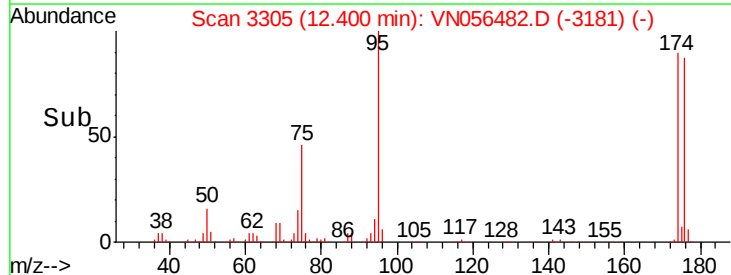
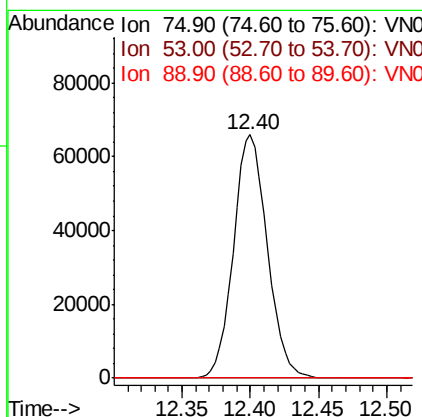
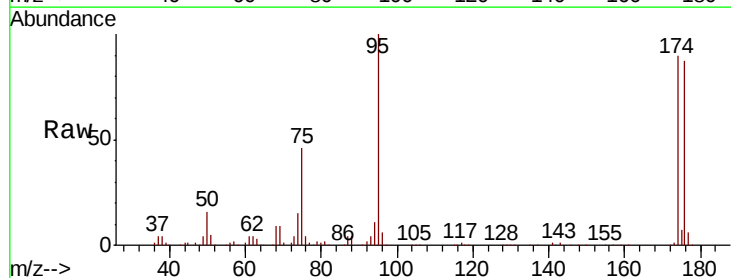
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB120881ZHE#14

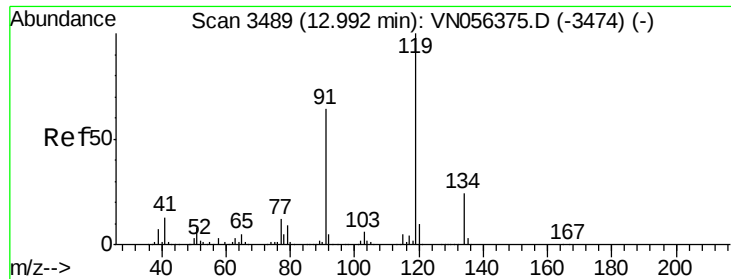
Tot Ion:105 Resp: 6219  
 Ion Ratio Lower Upper  
 105 100  
 120 43.6 24.8 74.4



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 110.147 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.10 min  
 Lab File: VN056482.D  
 Acq: 25 Jun 2019 13:31

Tgt Ion: 75 Resp: 113471  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 83.9 125.9#  
 89 0.0 35.0 52.6#

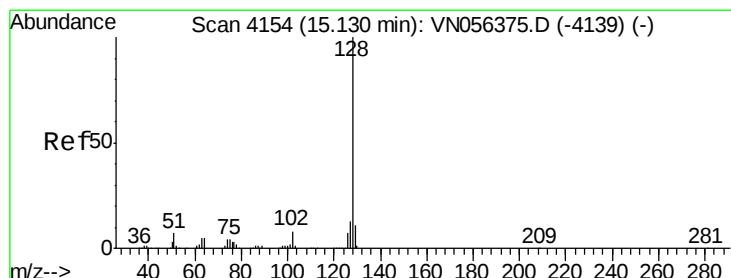
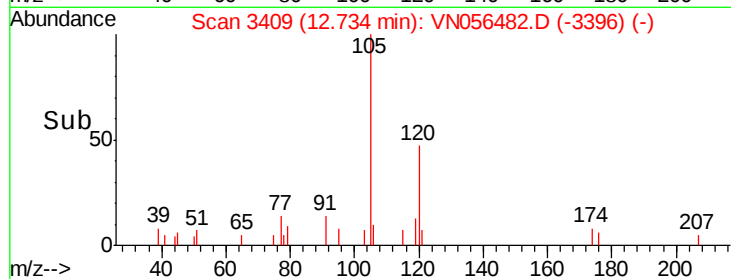
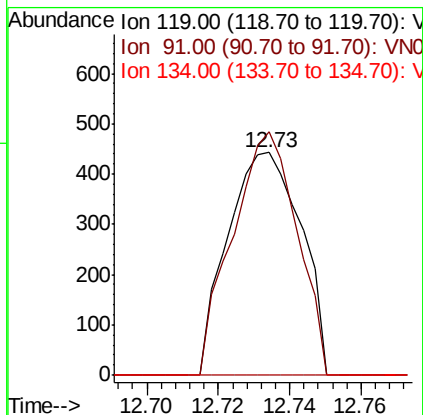
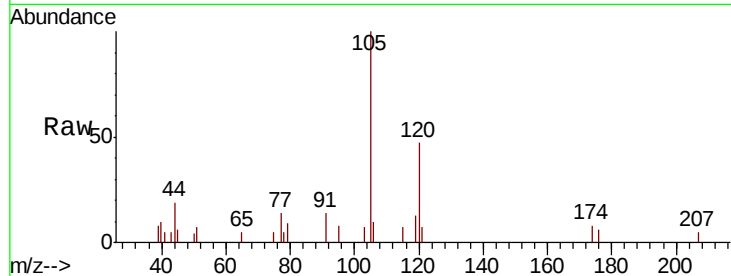




#83  
tert-Butylbenzene  
Concen: Below Cal  
RT: 12.73 min Scan# 3409  
Delta R.T. -0.26 min  
Lab File: VN056482.D  
Acq: 25 Jun 2019 13:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB120881ZHE#14

Tot Ion:119 Resp: 629  
Ion Ratio Lower Upper  
119 100  
91 96.2 31.6 94.7#  
134 0.0 13.2 39.5#



#95  
Naphthalene  
Concen: 5.251 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. 0.00 min  
Lab File: VN056482.D  
Acq: 25 Jun 2019 13:31

Tgt Ion:128 Resp: 59  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.2 15.2#  
129 0.0 8.6 12.8#

