

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020222\  
 Data File : VN070916.D  
 Acq On : 3 Feb 2022 2:14  
 Operator : JC/MD  
 Sample : N1342-13DL 20X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 31534DL

Quant Time: Feb 03 06:01:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N020222W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 02 15:30:39 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) Pentafluorobenzene         | 8.086          | 168  | 922717     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.968          | 114  | 1470822    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.744         | 117  | 1303168    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.675         | 152  | 566021     | 50.000   | ug/l   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.440          | 65   | 592501     | 47.438   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 94.880%  |        |          |
| 35) Dibromofluoromethane      | 8.021          | 113  | 426358     | 48.389   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 96.780%  |        |          |
| 50) Toluene-d8                | 10.440         | 98   | 1802013    | 49.811   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 99.620%  |        |          |
| 62) 4-Bromofluorobenzene      | 12.731         | 95   | 657548     | 50.443   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 100.880% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 8) Diethyl Ether              | 3.824          | 74   | 329730     | 47.127   | ug/l   | 83       |
| 11) Tert butyl alcohol        | 5.377          | 59   | 97096      | 36.996   | ug/l   | 100      |
| 16) Acetone                   | 4.291          | 43   | 573717     | 76.820   | ug/l   | 96       |
| 18) Methyl Acetate            | 4.862          | 43   | 118621     | 6.559    | ug/l   | 92       |
| 19) Methyl tert-butyl Ether   | 5.618          | 73   | 115225     | 3.245    | ug/l # | 69       |
| 22) Diisopropyl ether         | 6.493          | 45   | 19412      | 0.473    | ug/l # | 1        |
| 25) 2-Butanone                | 7.340          | 43   | 102498     | 9.508    | ug/l # | 88       |
| 29) Tetrahydrofuran           | 7.697          | 42   | 5064       | 0.723    | ug/l # | 65       |
| 31) Cyclohexane               | 8.091          | 56   | 54813      | 2.583    | ug/l # | 69       |
| 36) 1,1-Dichloropropene       | 8.083          | 75   | 74829      | 5.228    | ug/l # | 49       |
| 37) Ethyl Acetate             | 7.340          | 43   | 102498     | 5.196    | ug/l # | 68       |
| 38) Carbon Tetrachloride      | 8.086          | 117  | 91023      | 6.963    | ug/l # | 16       |
| 39) Methylcyclohexane         | 9.459          | 83   | 28897      | 1.642    | ug/l   | 92       |
| 40) Benzene                   | 8.461          | 78   | 2825776    | 62.836   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.464          | 62   | 25620      | 1.673    | ug/l # | 76       |
| 43) Isopropyl Acetate         | 8.566          | 43   | 19521      | 0.589    | ug/l # | 83       |
| 48) Methyl methacrylate       | 9.529          | 41   | 21226      | 1.484    | ug/l # | 30       |
| 49) 1,4-Dioxane               | 9.577          | 88   | 474        | 1.979    | ug/l # | 27       |
| 51) 4-Methyl-2-Pentanone      | 10.333         | 43   | 20199      | 1.035    | ug/l   | 98       |
| 52) Toluene                   | 10.505         | 92   | 3075596    | 110.380  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.797         | 75   | 6434       | 0.392    | ug/l   | 89       |
| 54) cis-1,3-Dichloropropene   | 10.162         | 75   | 20577      | 1.154    | ug/l # | 1        |
| 57) 1,3-Dichloropropane       | 11.092         | 76   | 6374       | 0.344    | ug/l # | 43       |
| 58) 2-Chloroethyl Vinyl ether | 10.162         | 63   | 31176      | 25.405   | ug/l # | 84       |
| 59) 2-Hexanone                | 11.089         | 43   | 149470     | 10.487   | ug/l   | 63       |
| 67) Ethyl Benzene             | 11.843         | 91   | 406638     | 8.179    | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.948         | 106  | 1264034    | 68.614   | ug/l   | 91       |
| 69) o-Xylene                  | 12.280         | 106  | 468566     | 25.414   | ug/l   | 90       |
| 70) Styrene                   | 12.280         | 104  | 25070      | 0.863    | ug/l # | 1        |
| 73) Isopropylbenzene          | 12.578         | 105  | 87631      | 1.774    | ug/l   | 97       |
| 74) N-amyl acetate            | 12.353         | 43   | 55437      | 2.506    | ug/l # | 44       |
| 76) 1,2,3-Trichloropropane    | 12.731         | 75   | 339799     | 24.941   | ug/l # | 1        |
| 78) n-propylbenzene           | 12.919         | 91   | 66666      | 1.184    | ug/l   | 94       |
| 79) 2-Chlorotoluene           | 12.980         | 91   | 62796      | 1.793    | ug/l # | 38       |
| 80) 1,3,5-Trimethylbenzene    | 13.058         | 105  | 404514     | 10.104   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.731         | 75   | 339799     | 67.607   | ug/l # | 5        |

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Sample : N1342-13DL 20X  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
31534DL

Quant Time: Feb 03 06:01:40 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N020222W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 02 15:30:39 2022  
Response via : Initial Calibration

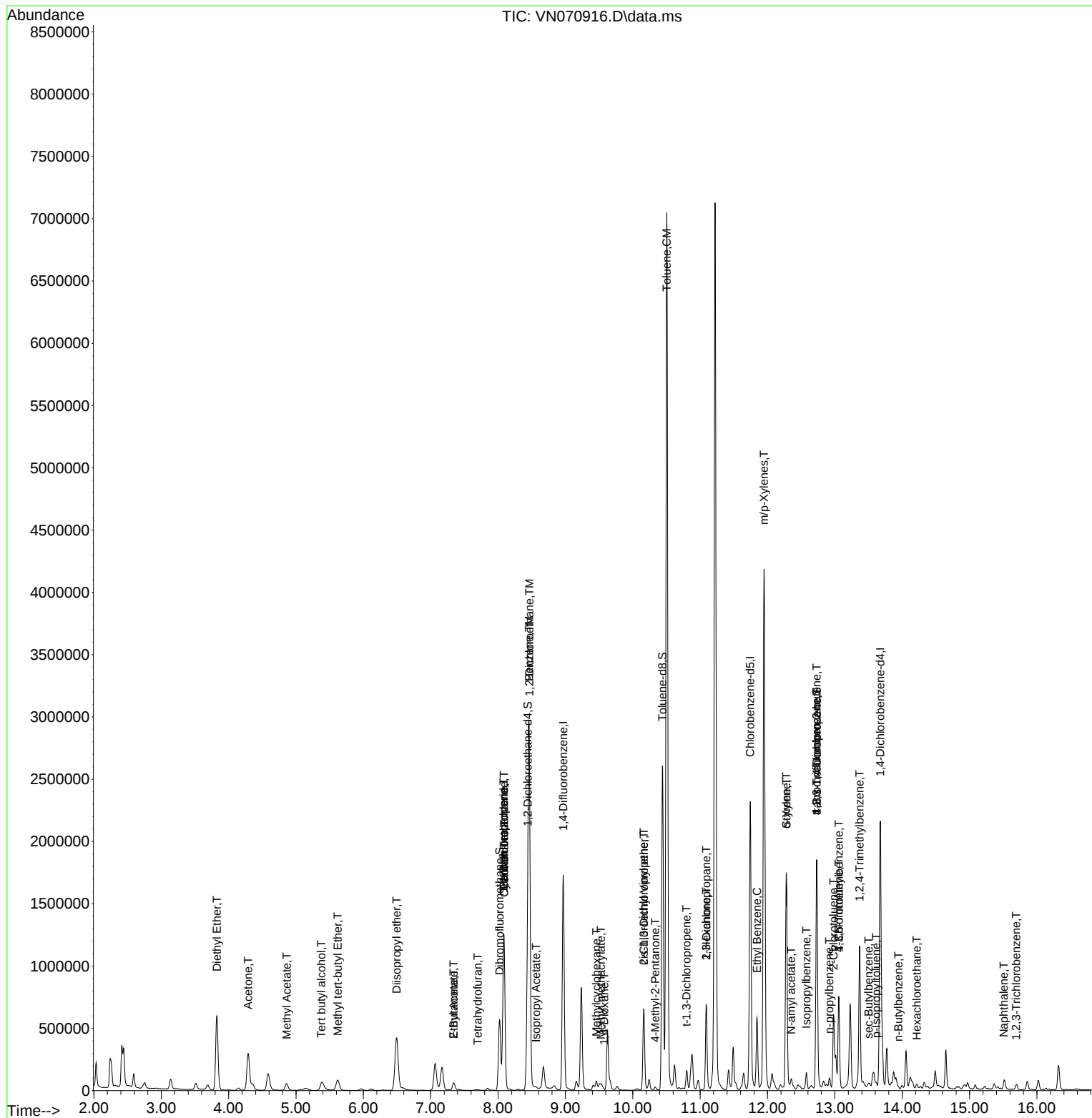
| Compound                   | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|----------------------------|--------|------|----------|--------|--------|----------|
| 82) 4-Chlorotoluene        | 13.058 | 91   | 42798    | 1.268  | ug/l # | 38       |
| 84) 1,2,4-Trimethylbenzene | 13.366 | 105  | 656427   | 16.768 | ug/l   | 96       |
| 85) sec-Butylbenzene       | 13.501 | 105  | 20601    | 0.422  | ug/l   | 84       |
| 86) p-Isopropyltoluene     | 13.616 | 119  | 20694    | 0.537  | ug/l   | 99       |
| 89) n-Butylbenzene         | 13.943 | 91   | 7091     | 0.209  | ug/l # | 65       |
| 90) Hexachloroethane       | 14.217 | 117  | 1807     | 0.265  | ug/l # | 6        |
| 95) Naphthalene            | 15.507 | 128  | 13167    | 3.957  | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene | 15.692 | 180  | 415      | 1.741  | ug/l # | 1        |

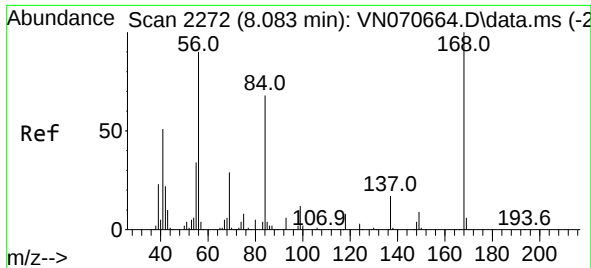
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Feb 02 15:30:39 2022  
Response via : Initial Calibration

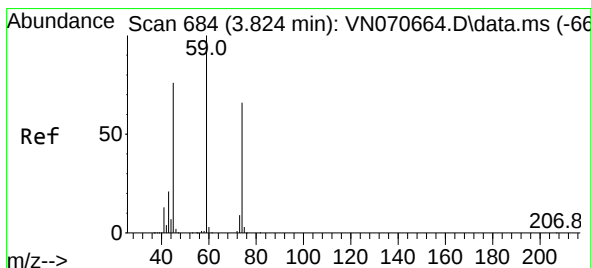
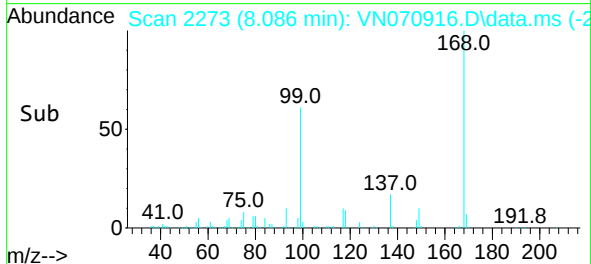
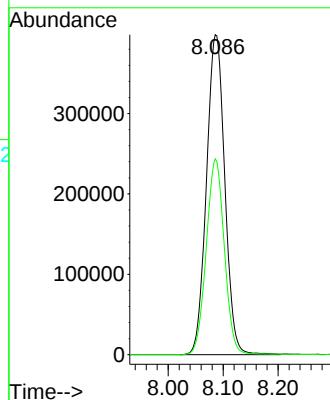
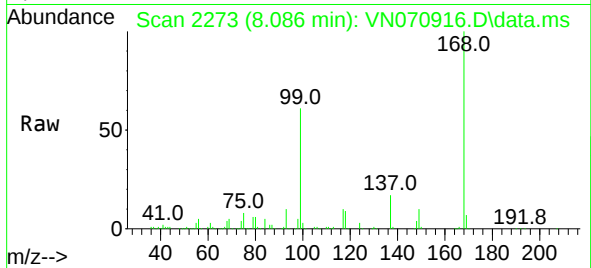




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

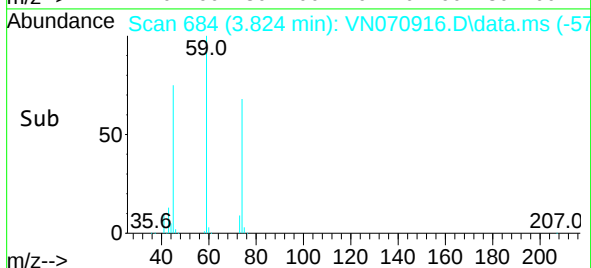
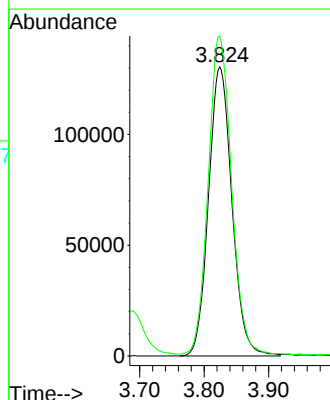
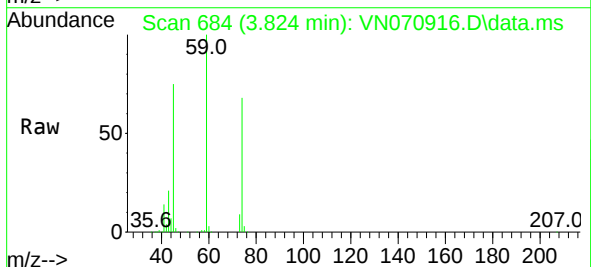
Instrument :  
MSVOA\_N  
ClientSampleId :  
31534DL

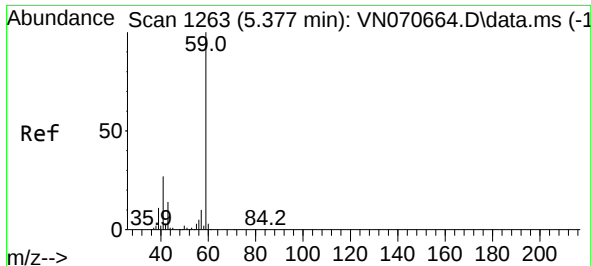
Tgt Ion:168 Resp: 922717  
Ion Ratio Lower Upper  
168 100  
99 61.2 41.3 61.9



#8  
Diethyl Ether  
Concen: 47.127 ug/l  
RT: 3.824 min Scan# 684  
Delta R.T. 0.003 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

Tgt Ion: 74 Resp: 329730  
Ion Ratio Lower Upper  
74 100  
45 110.1 47.0 141.2





#11

Tert butyl alcohol

Concen: 36.996 ug/l

RT: 5.377 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN070916.D

Acq: 3 Feb 2022 2:14

Instrument :

MSVOA\_N

ClientSampleId :

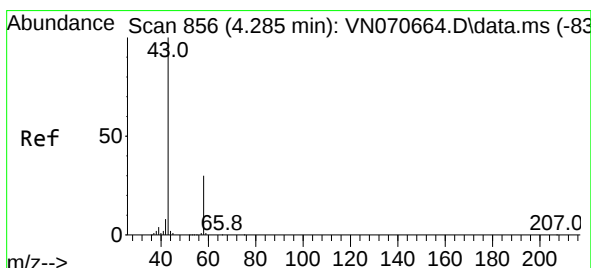
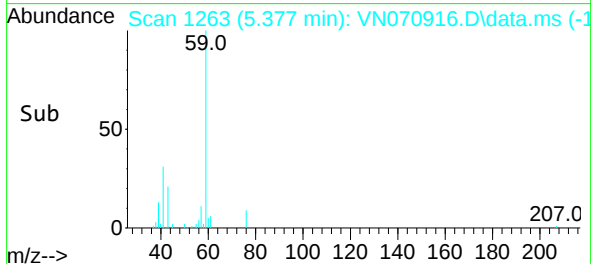
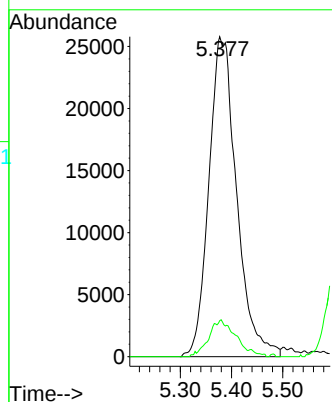
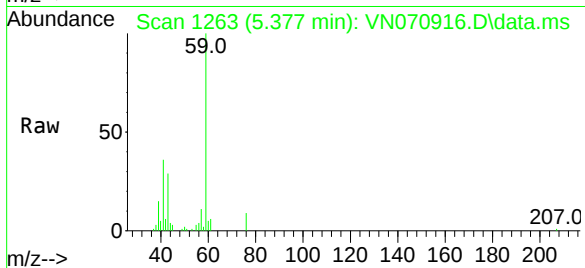
31534DL

Tgt Ion: 59 Resp: 97096

Ion Ratio Lower Upper

59 100

57 10.7 8.7 13.1



#16

Acetone

Concen: 76.820 ug/l

RT: 4.291 min Scan# 858

Delta R.T. 0.006 min

Lab File: VN070916.D

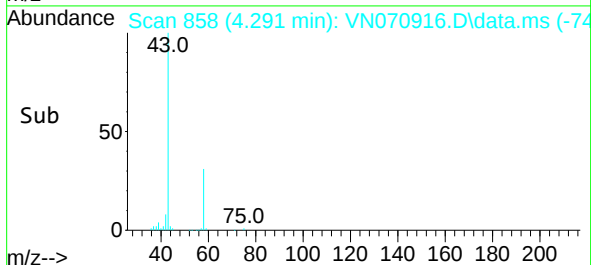
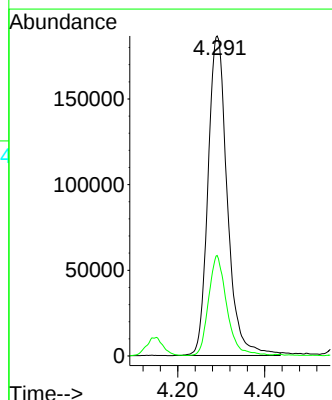
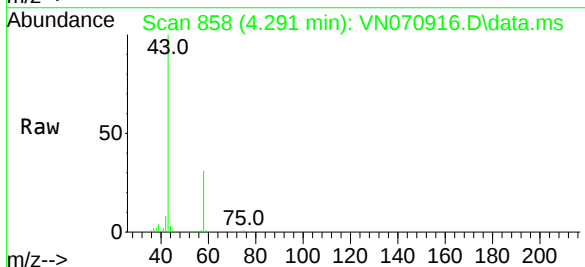
Acq: 3 Feb 2022 2:14

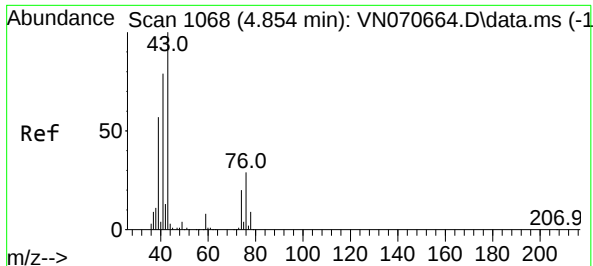
Tgt Ion: 43 Resp: 573717

Ion Ratio Lower Upper

43 100

58 31.2 23.1 34.7

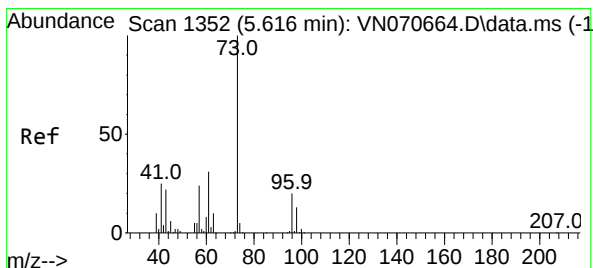
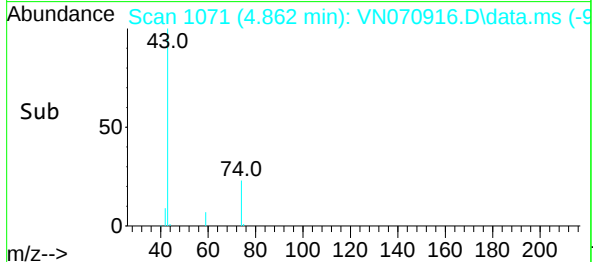
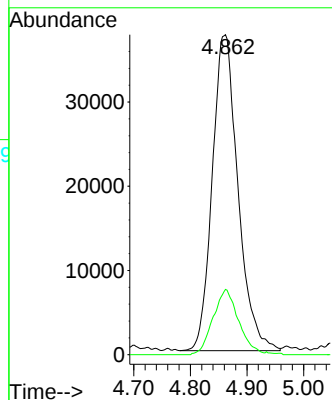
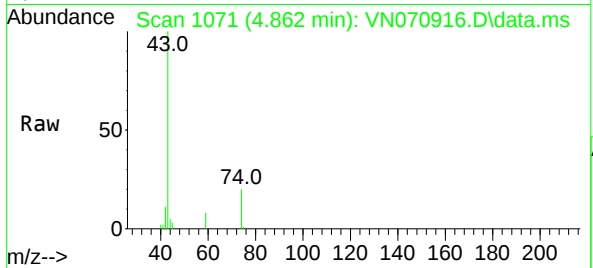




#18  
Methyl Acetate  
Concen: 6.559 ug/l  
RT: 4.862 min Scan# 118621  
Delta R.T. 0.008 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

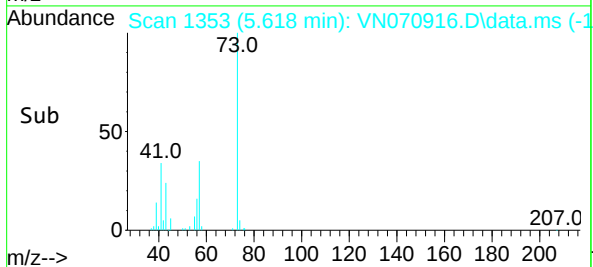
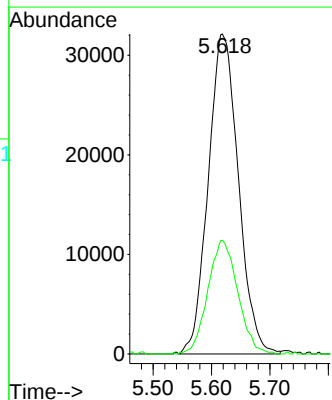
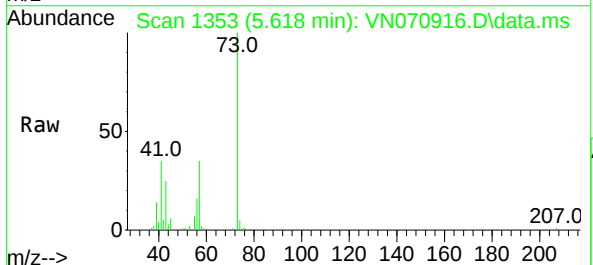
Instrument :  
MSVOA\_N  
ClientSampleId :  
31534DL

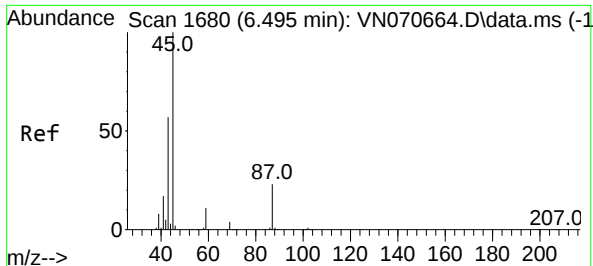
Tgt Ion: 43 Resp: 118621  
Ion Ratio Lower Upper  
43 100  
74 20.5 19.4 29.2



#19  
Methyl tert-butyl Ether  
Concen: 3.245 ug/l  
RT: 5.618 min Scan# 1353  
Delta R.T. 0.002 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

Tgt Ion: 73 Resp: 115225  
Ion Ratio Lower Upper  
73 100  
57 35.5 16.8 25.2#





#22

Diisopropyl ether

Concen: 0.473 ug/l

RT: 6.493 min Scan# 1

Delta R.T. -0.002 min

Lab File: VN070916.D

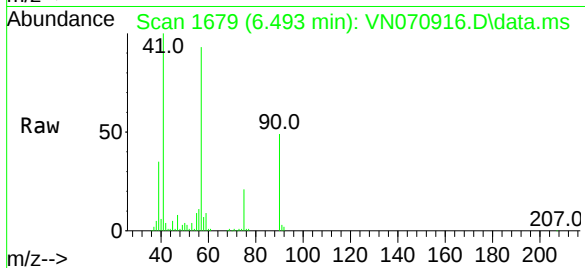
Acq: 3 Feb 2022 2:14

Instrument :

MSVOA\_N

ClientSampleId :

31534DL



Tgt Ion: 45 Resp: 19412

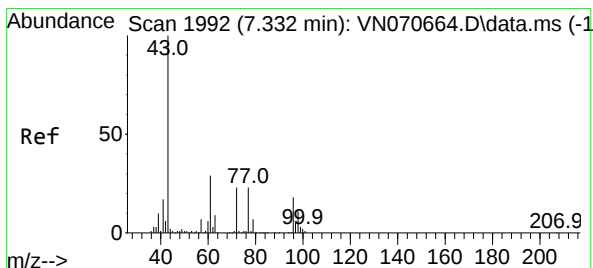
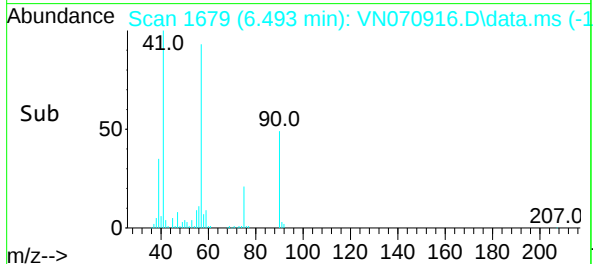
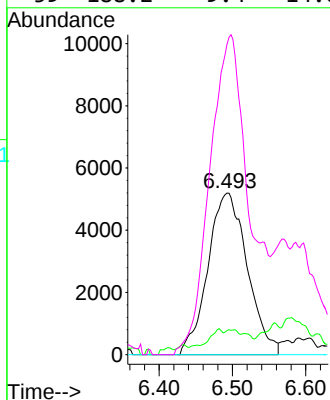
Ion Ratio Lower Upper

45 100

43 10.7 51.7 77.5#

87 0.0 23.2 34.8#

59 188.2 9.4 14.0#



#25

2-Butanone

Concen: 9.508 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.005 min

Lab File: VN070916.D

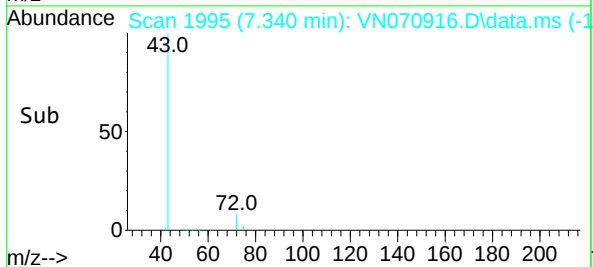
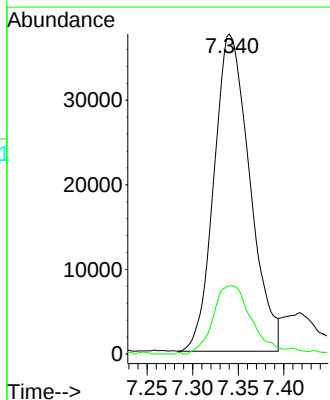
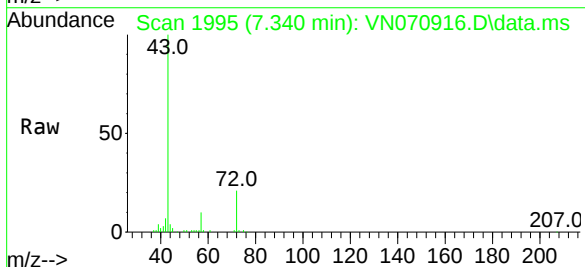
Acq: 3 Feb 2022 2:14

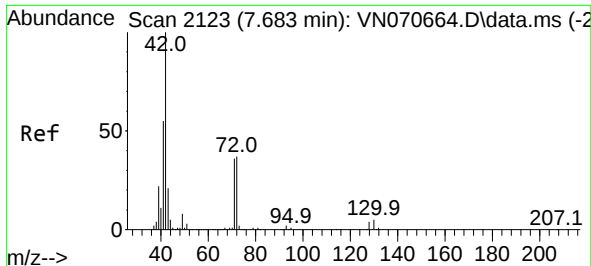
Tgt Ion: 43 Resp: 102498

Ion Ratio Lower Upper

43 100

72 21.0 21.7 32.5#





#29

Tetrahydrofuran

Concen: 0.723 ug/l

RT: 7.697 min Scan# 21

Delta R.T. 0.011 min

Lab File: VN070916.D

Acq: 3 Feb 2022 2:14

Instrument :

MSVOA\_N

ClientSampleId :

31534DL

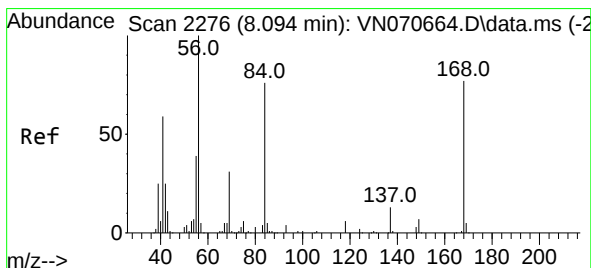
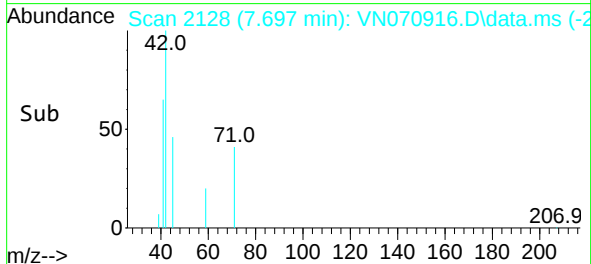
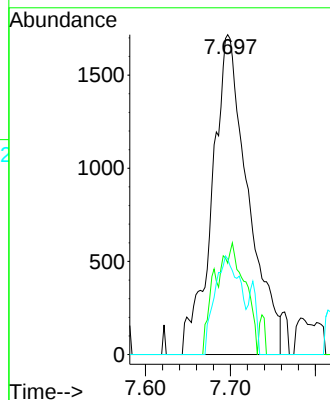
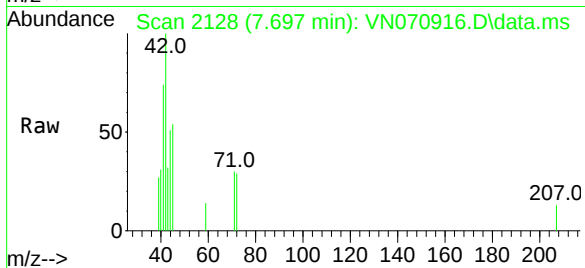
Tgt Ion: 42 Resp: 5064

Ion Ratio Lower Upper

42 100

72 21.7 36.3 54.5#

71 21.6 34.7 52.1#



#31

Cyclohexane

Concen: 2.583 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. -0.003 min

Lab File: VN070916.D

Acq: 3 Feb 2022 2:14

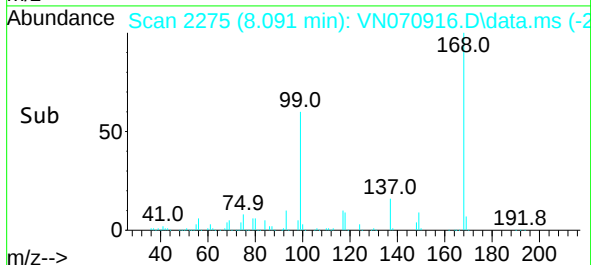
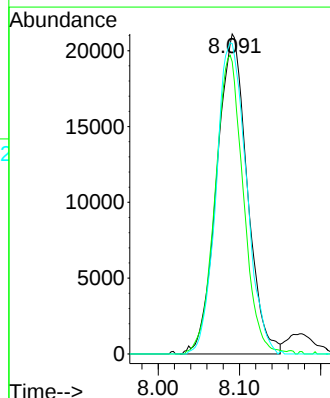
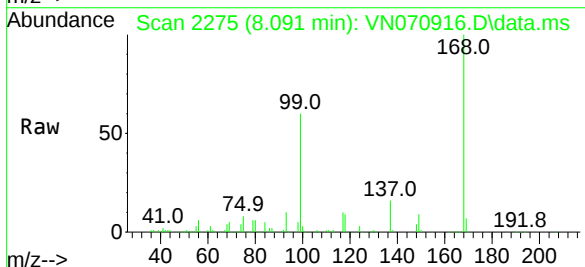
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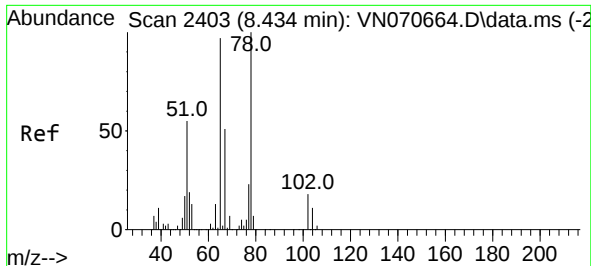
Ion Ratio Lower Upper

56 100

69 91.3 27.1 40.7#

84 97.0 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 47.438 ug/l

RT: 8.440 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070916.D

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ClientSampleId :

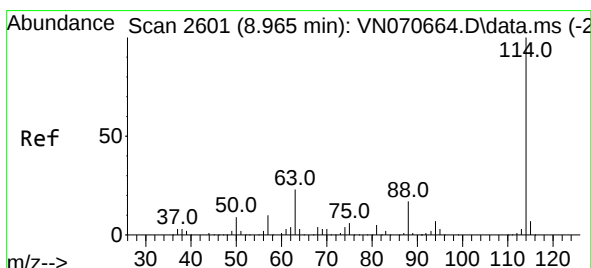
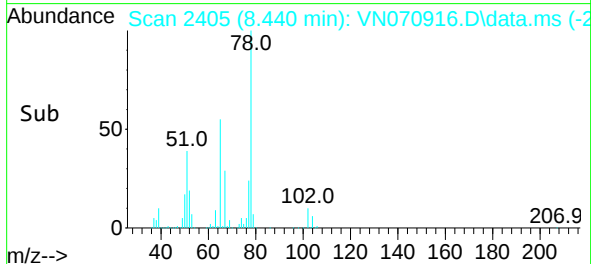
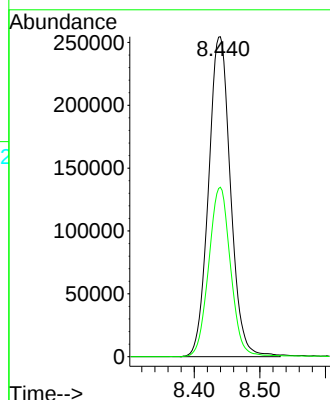
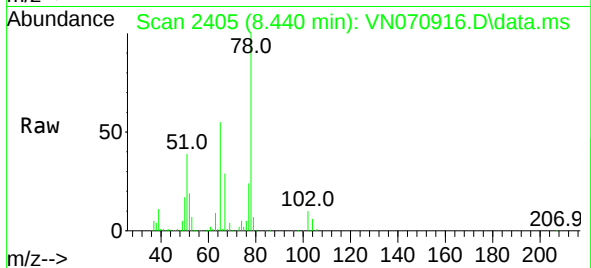
31534DL

Tgt Ion: 65 Resp: 592501

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070916.D

Acq: 3 Feb 2022 2:14

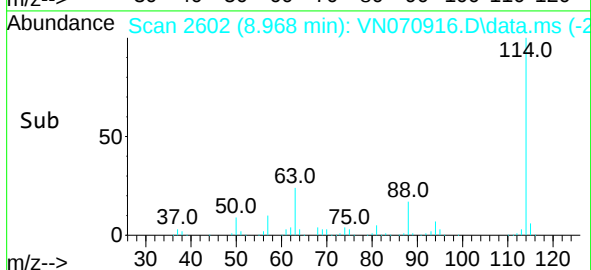
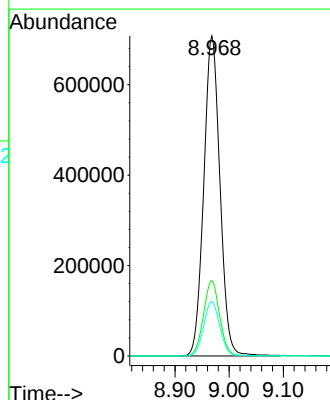
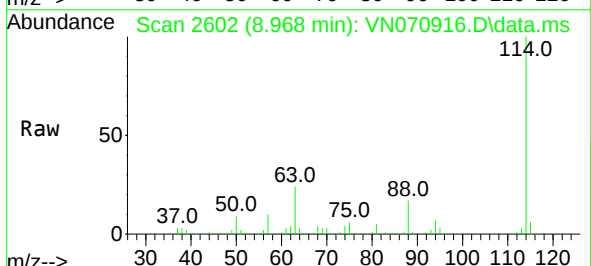
Tgt Ion: 114 Resp: 1470822

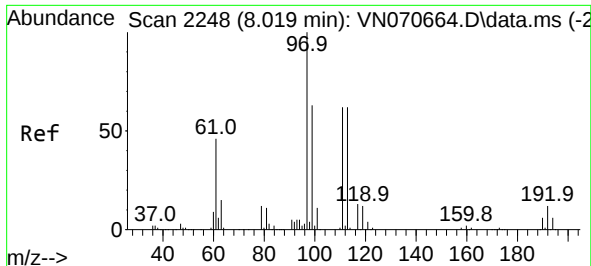
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 17.0 0.0 27.4





#35

Dibromofluoromethane

Concen: 48.389 ug/l

RT: 8.021 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070916.D

Acq: 3 Feb 2022 2:14

Instrument :

MSVOA\_N

ClientSampleId :

31534DL

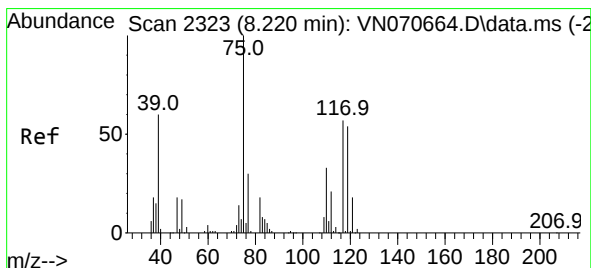
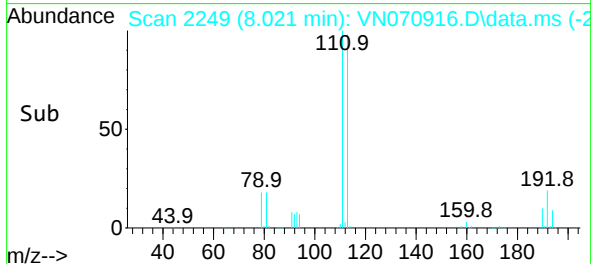
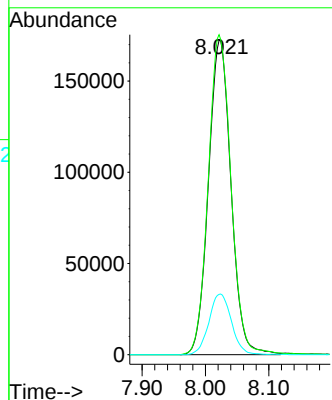
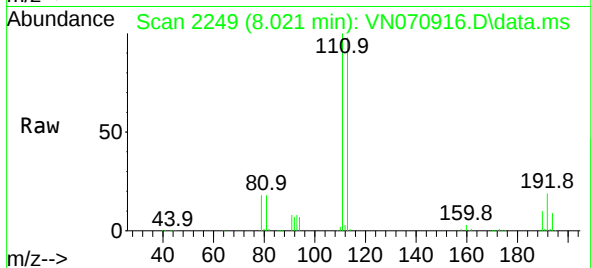
Tgt Ion:113 Resp: 426358

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 19.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.228 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.137 min

Lab File: VN070916.D

Acq: 3 Feb 2022 2:14

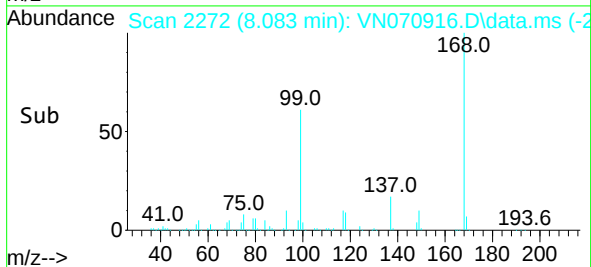
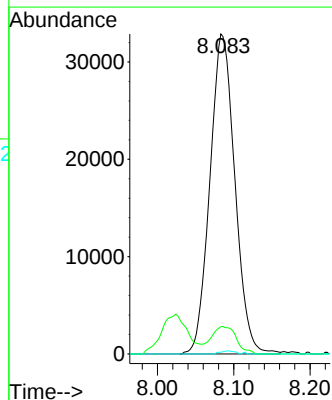
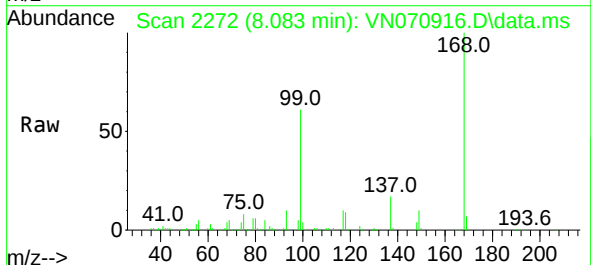
Tgt Ion: 75 Resp: 74829

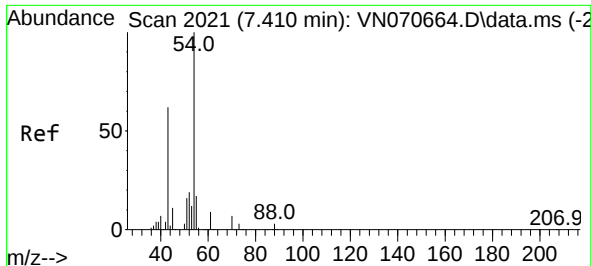
Ion Ratio Lower Upper

75 100

110 8.4 18.4 55.2#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 5.196 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. -0.073 min

Lab File: VN070916.D

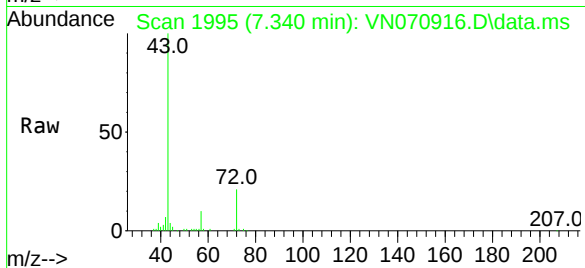
Acq: 3 Feb 2022 2:14

Instrument :

MSVOA\_N

ClientSampleId :

31534DL



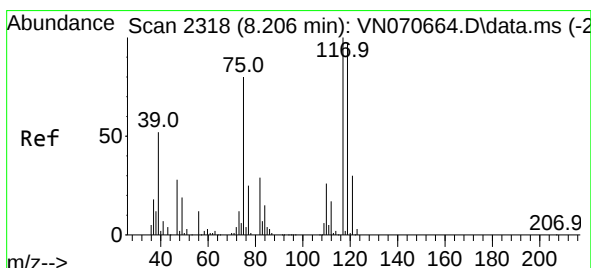
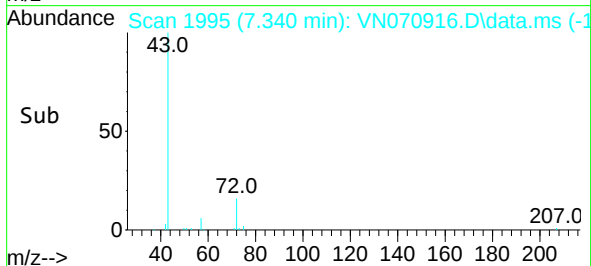
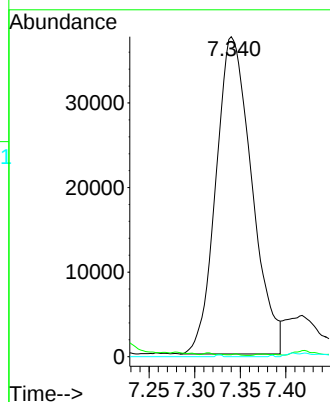
Tgt Ion: 43 Resp: 102498

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.1 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.963 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.120 min

Lab File: VN070916.D

Acq: 3 Feb 2022 2:14

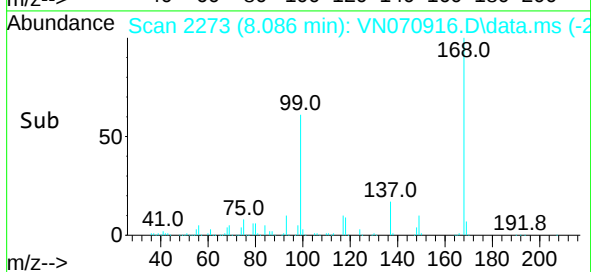
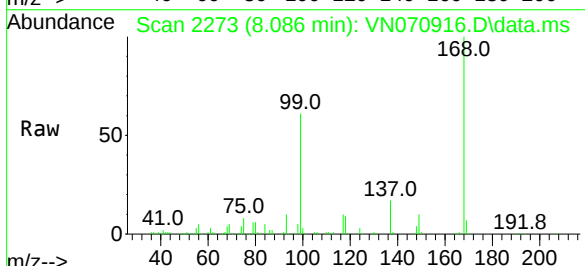
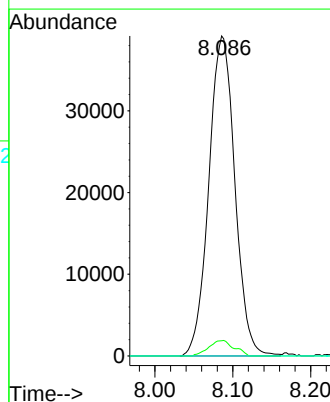
Tgt Ion: 117 Resp: 91023

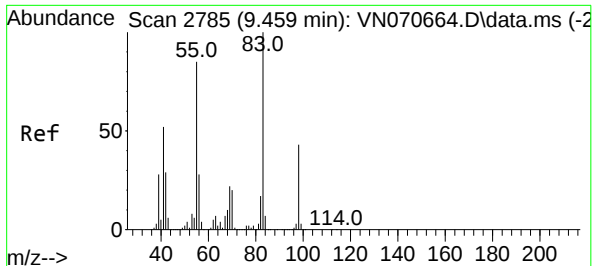
Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 1.642 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070916.D

Acq: 3 Feb 2022 2:14

Instrument :

MSVOA\_N

ClientSampleId :

31534DL

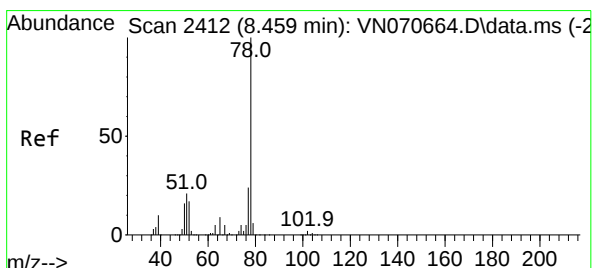
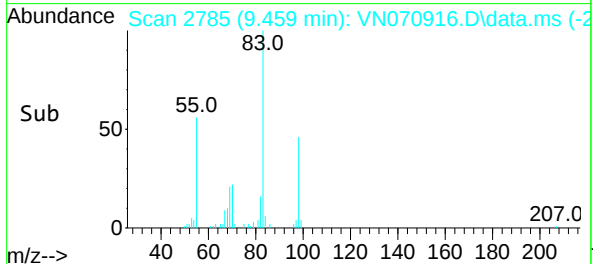
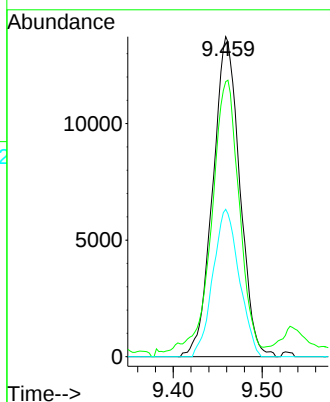
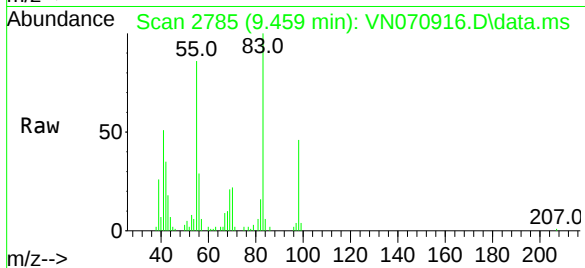
Tgt Ion: 83 Resp: 28897

Ion Ratio Lower Upper

83 100

55 81.6 58.1 87.1

98 46.0 38.4 57.6



#40

Benzene

Concen: 62.836 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.002 min

Lab File: VN070916.D

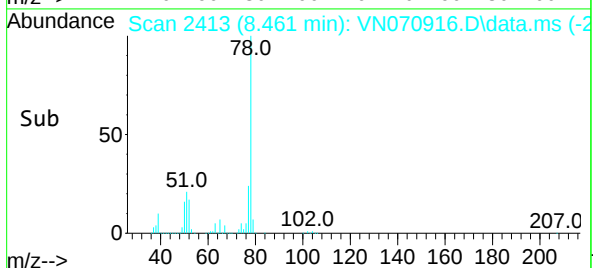
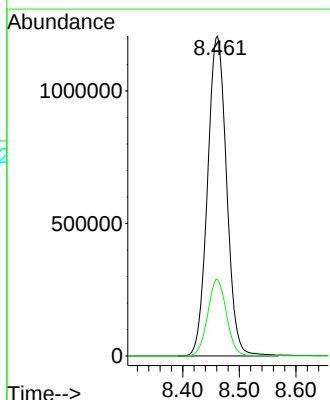
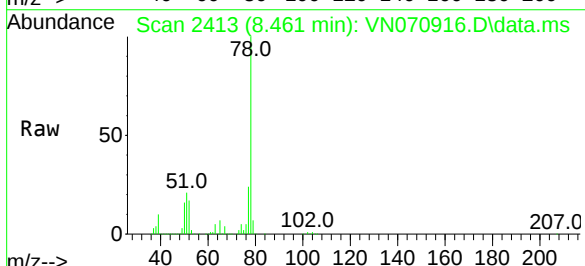
Acq: 3 Feb 2022 2:14

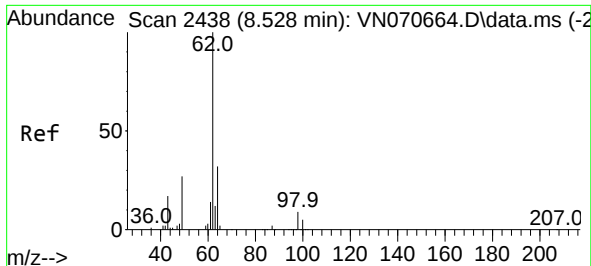
Tgt Ion: 78 Resp: 2825776

Ion Ratio Lower Upper

78 100

77 24.0 18.6 27.8





#42

1,2-Dichloroethane

Concen: 1.673 ug/l

RT: 8.464 min Scan# 2414

Delta R.T. -0.064 min

Lab File: VN070916.D

Acq: 3 Feb 2022 2:14

Instrument :

MSVOA\_N

ClientSampleId :

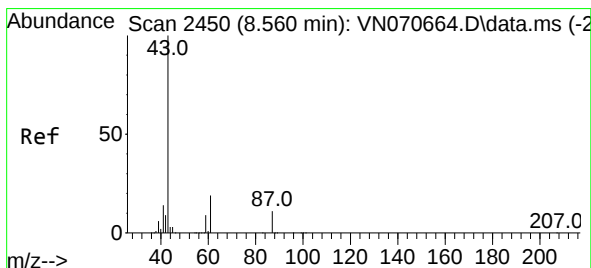
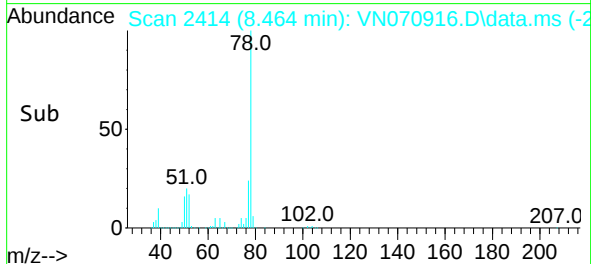
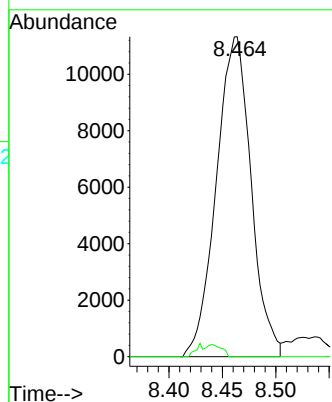
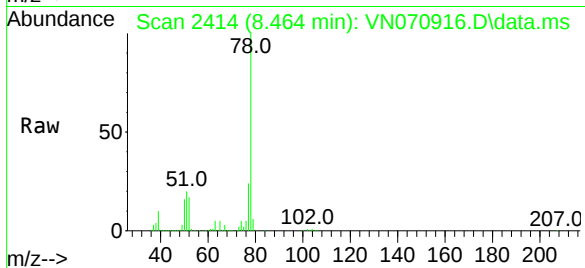
31534DL

Tgt Ion: 62 Resp: 25620

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6



#43

Isopropyl Acetate

Concen: 0.589 ug/l

RT: 8.566 min Scan# 2452

Delta R.T. 0.006 min

Lab File: VN070916.D

Acq: 3 Feb 2022 2:14

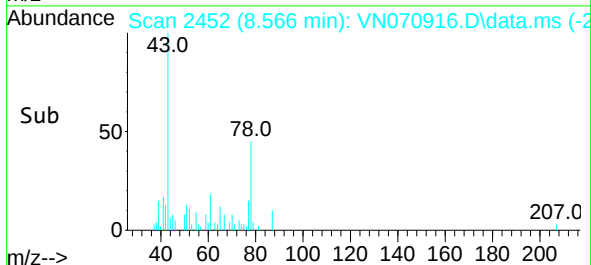
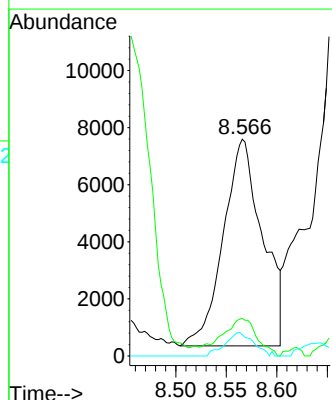
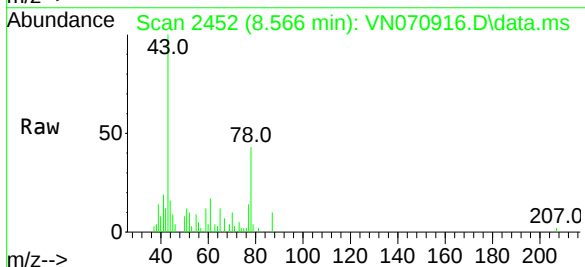
Tgt Ion: 43 Resp: 19521

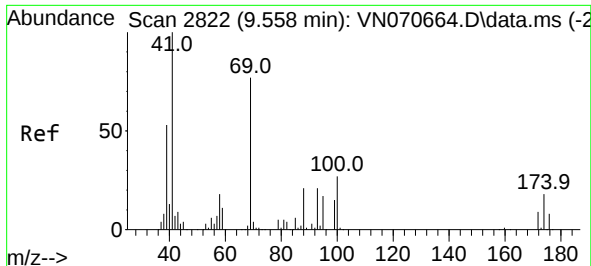
Ion Ratio Lower Upper

43 100

61 16.2 20.4 30.6#

87 8.2 11.2 16.8#

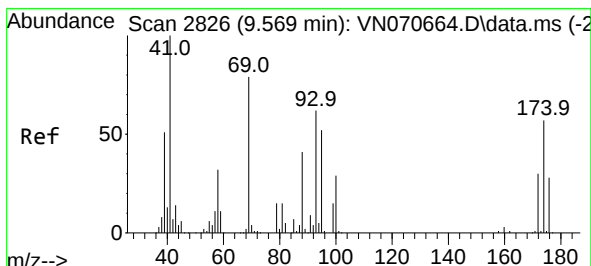
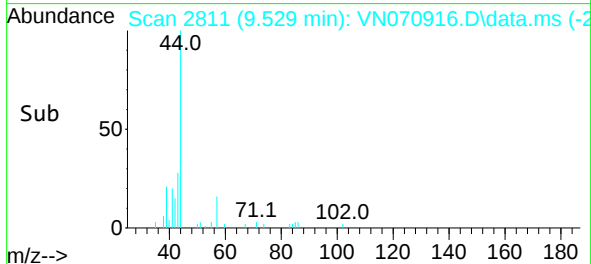
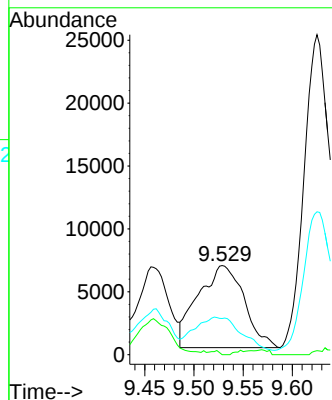
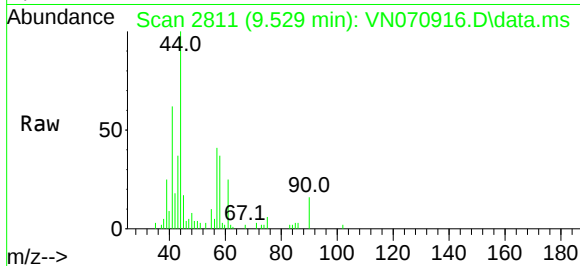




#48  
Methyl methacrylate  
Concen: 1.484 ug/l  
RT: 9.529 min Scan# 21226  
Delta R.T. -0.029 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

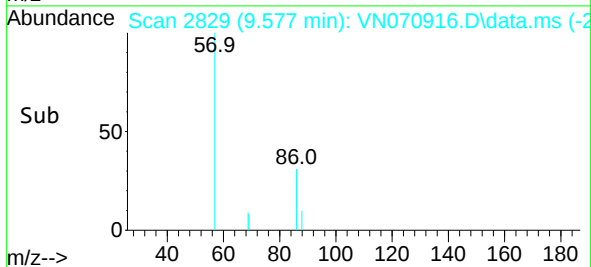
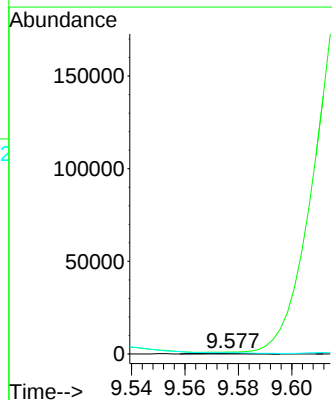
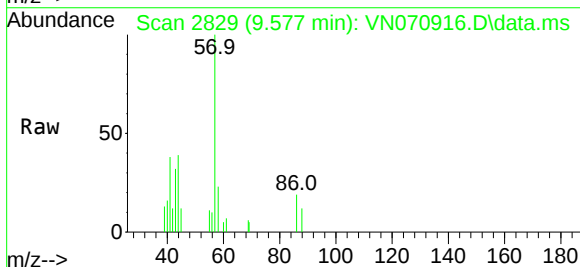
Instrument : MSVOA\_N  
ClientSampleId : 31534DL

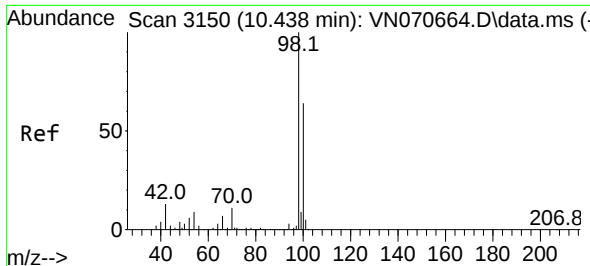
Tgt Ion: 41 Resp: 21226  
Ion Ratio Lower Upper  
41 100  
69 0.0 72.4 108.6#  
39 40.7 58.4 87.6#



#49  
1,4-Dioxane  
Concen: 1.979 ug/l  
RT: 9.577 min Scan# 2829  
Delta R.T. 0.008 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

Tgt Ion: 88 Resp: 474  
Ion Ratio Lower Upper  
88 100  
43 0.0 23.4 35.2#  
58 0.0 50.6 75.8#

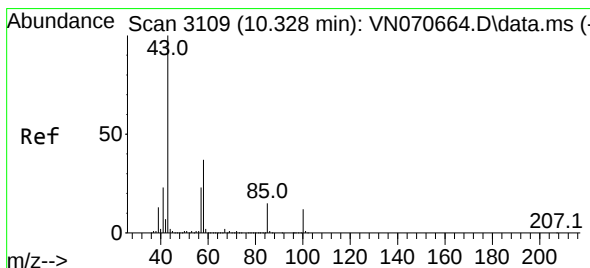
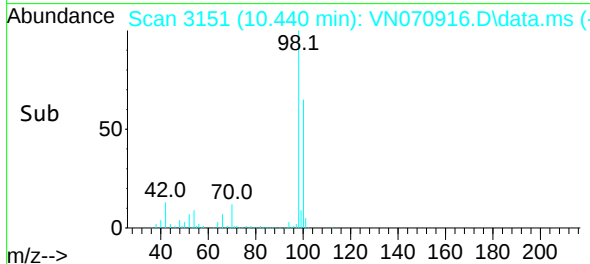
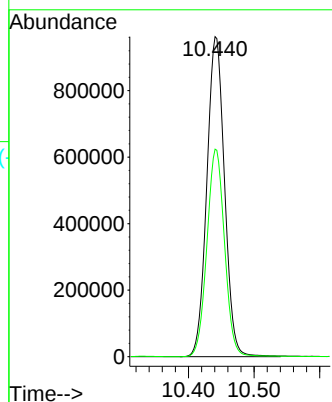
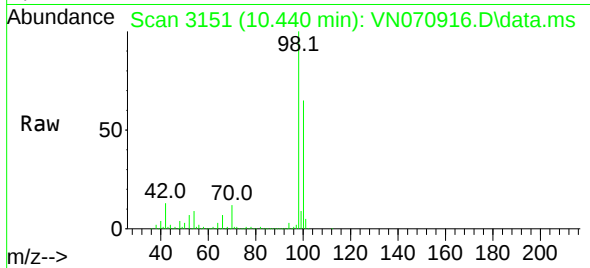




#50  
Toluene-d8  
Concen: 49.811 ug/l  
RT: 10.440 min Scan# 3111  
Delta R.T. -0.001 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

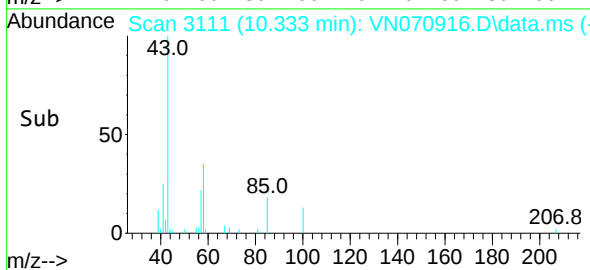
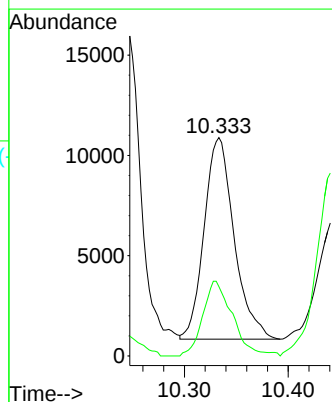
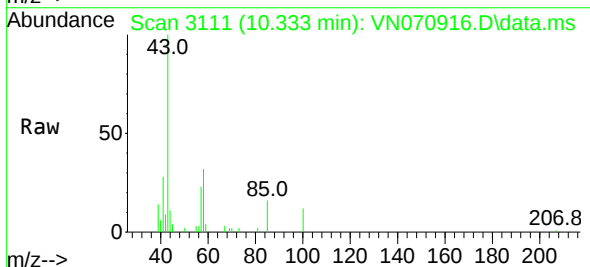
Instrument :  
MSVOA\_N  
ClientSampleId :  
31534DL

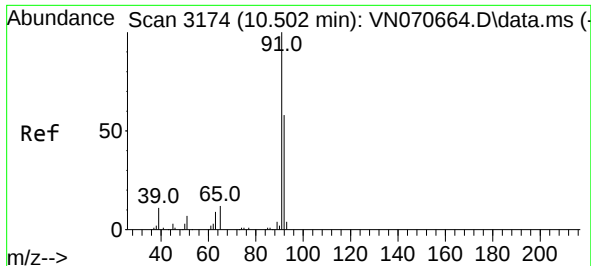
Tgt Ion: 98 Resp: 1802013  
Ion Ratio Lower Upper  
98 100  
100 64.6 50.4 75.6



#51  
4-Methyl-2-Pentanone  
Concen: 1.035 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.002 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

Tgt Ion: 43 Resp: 20199  
Ion Ratio Lower Upper  
43 100  
58 36.8 30.4 45.6

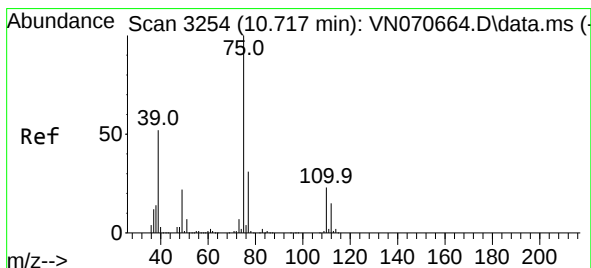
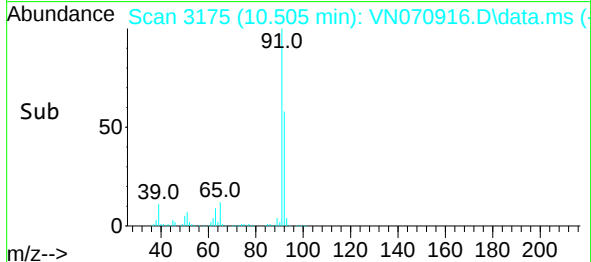
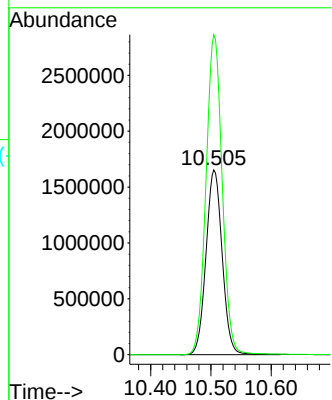
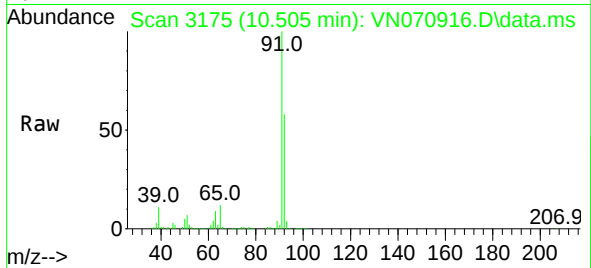




#52  
Toluene  
Concen: 110.380 ug/l  
RT: 10.505 min Scan# 3175  
Delta R.T. -0.000 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

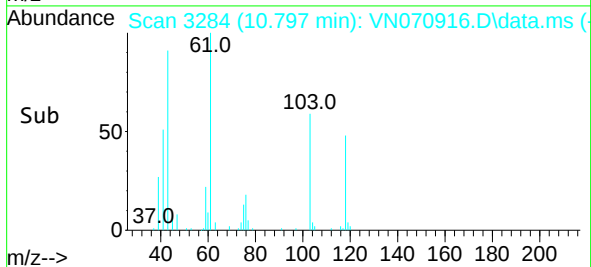
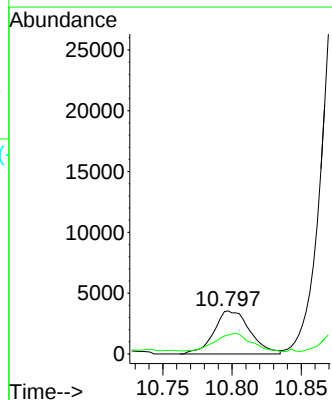
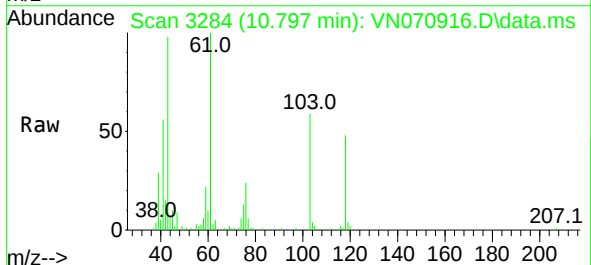
Instrument :  
MSVOA\_N  
ClientSampleId :  
31534DL

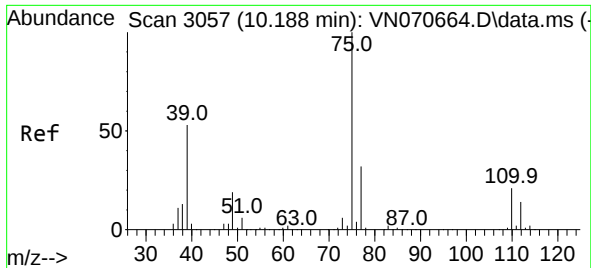
Tgt Ion: 92 Resp: 3075596  
Ion Ratio Lower Upper  
92 100  
91 173.6 142.0 213.0



#53  
t-1,3-Dichloropropene  
Concen: 0.392 ug/l  
RT: 10.797 min Scan# 3284  
Delta R.T. 0.080 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

Tgt Ion: 75 Resp: 6434  
Ion Ratio Lower Upper  
75 100  
77 37.9 25.6 38.4

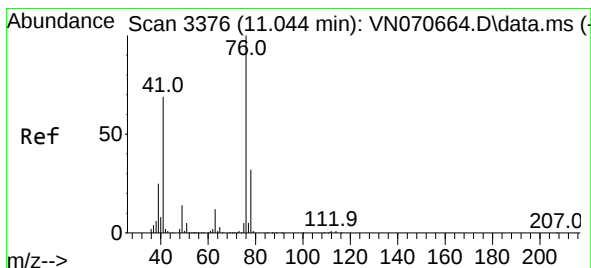
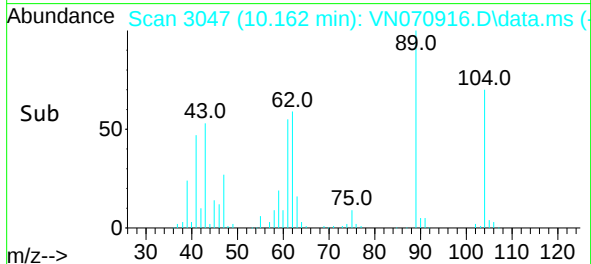
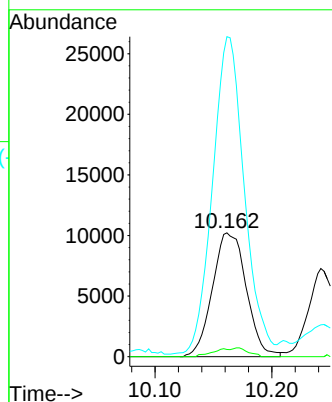
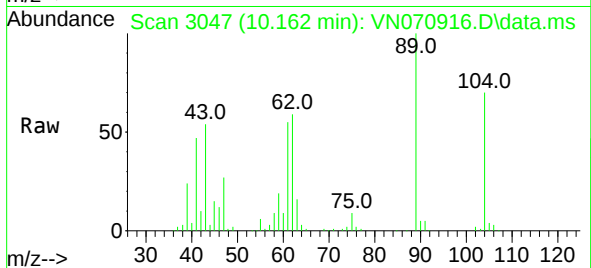




#54  
 cis-1,3-Dichloropropene  
 Concen: 1.154 ug/l  
 RT: 10.162 min Scan# 3057  
 Delta R.T. -0.026 min  
 Lab File: VN070916.D  
 Acq: 3 Feb 2022 2:14

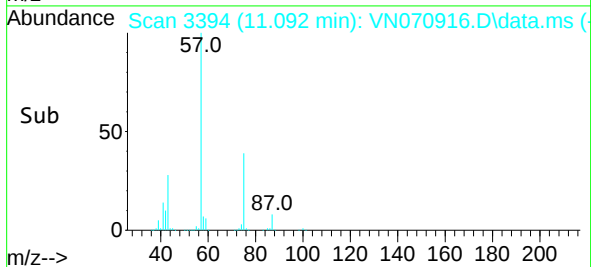
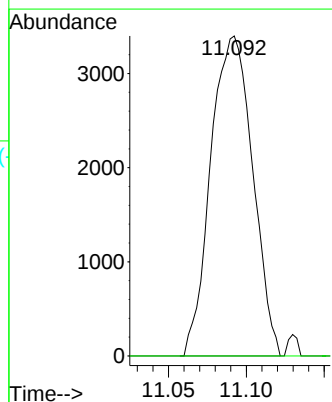
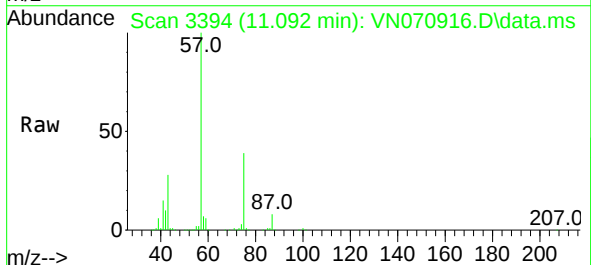
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 31534DL

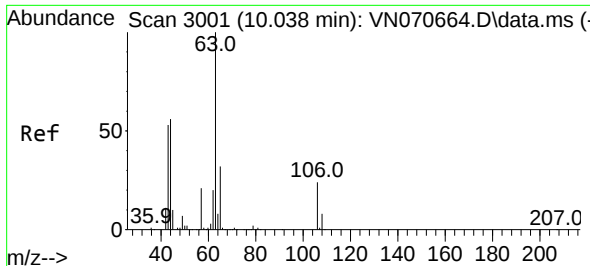
Tgt Ion: 75 Resp: 20577  
 Ion Ratio Lower Upper  
 75 100  
 77 5.9 26.4 39.6#  
 39 255.5 42.5 63.7#



#57  
 1,3-Dichloropropane  
 Concen: 0.344 ug/l  
 RT: 11.092 min Scan# 3394  
 Delta R.T. 0.048 min  
 Lab File: VN070916.D  
 Acq: 3 Feb 2022 2:14

Tgt Ion: 76 Resp: 6374  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.7 38.5#

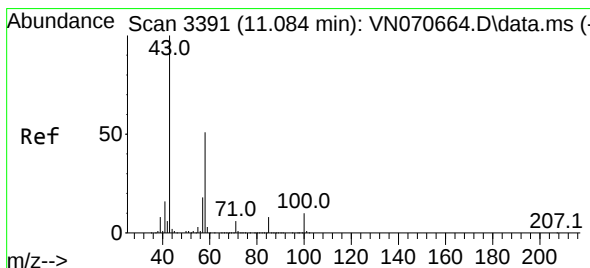
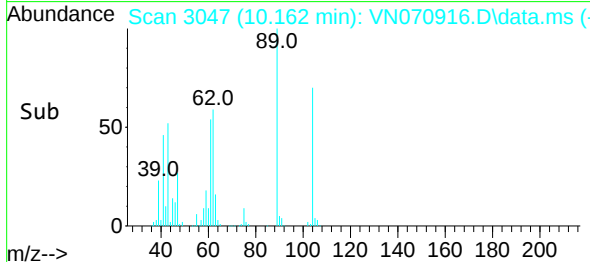
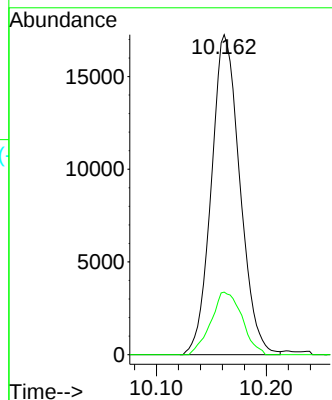
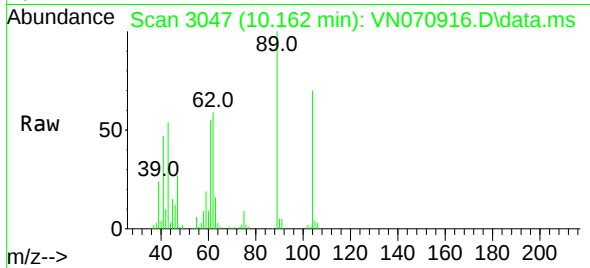




#58  
2-Chloroethyl Vinyl ether  
Concen: 25.405 ug/l  
RT: 10.162 min Scan# 3001  
Delta R.T. 0.121 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

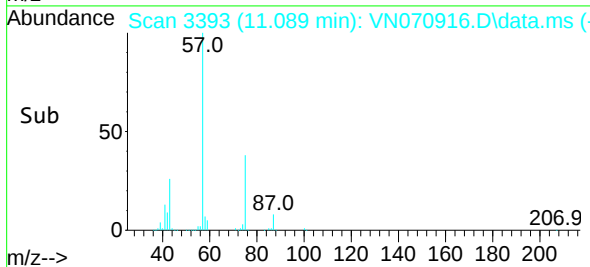
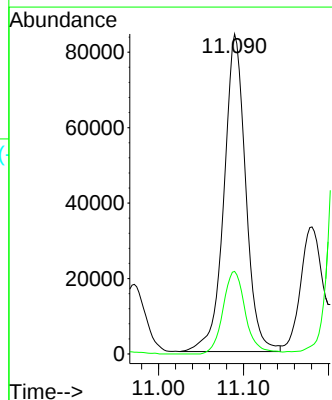
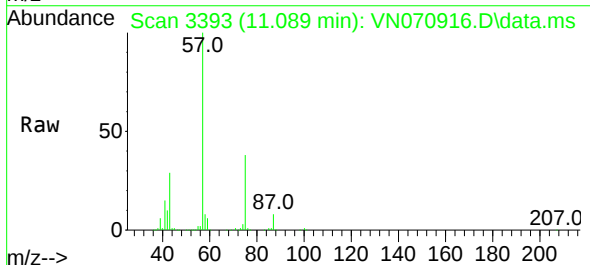
Instrument :  
MSVOA\_N  
ClientSampleId :  
31534DL

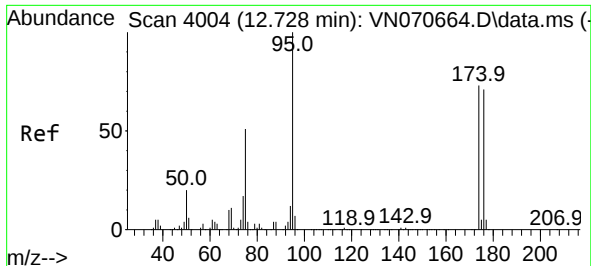
Tgt Ion: 63 Resp: 31176  
Ion Ratio Lower Upper  
63 100  
106 21.3 23.9 35.9#



#59  
2-Hexanone  
Concen: 10.487 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.005 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

Tgt Ion: 43 Resp: 149470  
Ion Ratio Lower Upper  
43 100  
58 27.0 26.9 80.7

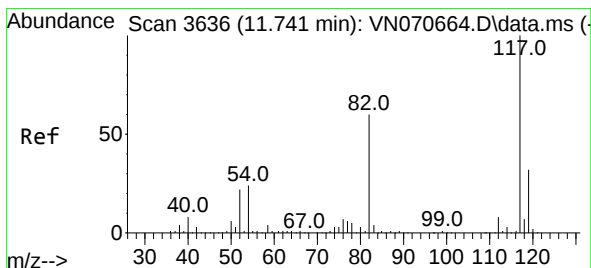
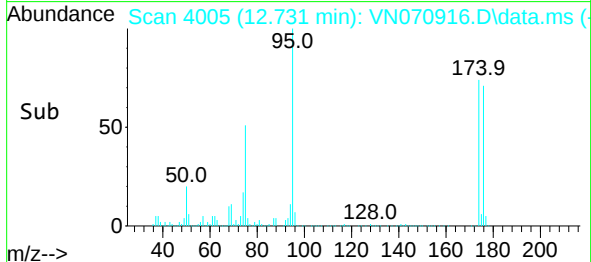
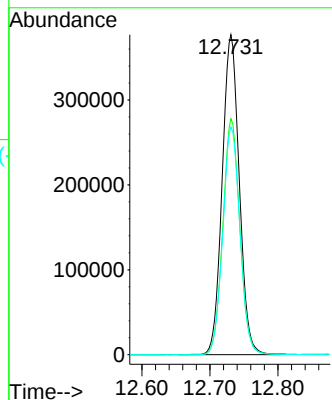
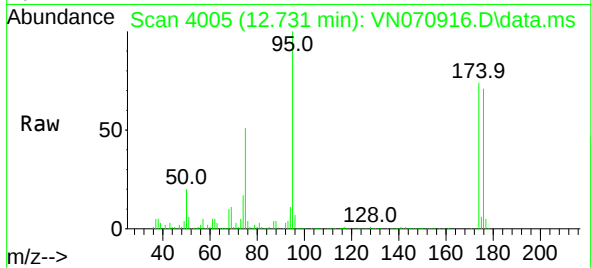




#62  
4-Bromofluorobenzene  
Concen: 50.443 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

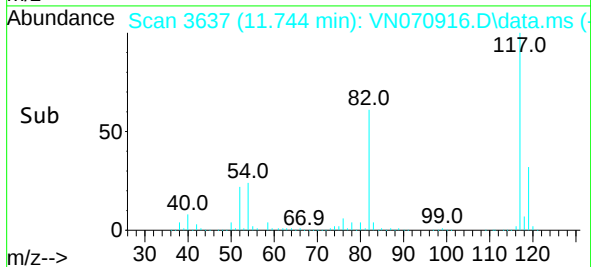
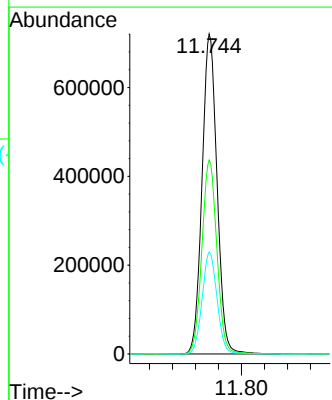
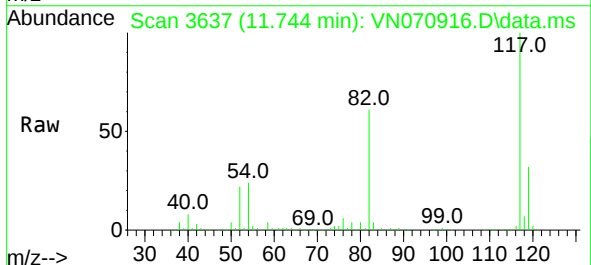
Instrument :  
MSVOA\_N  
ClientSampleId :  
31534DL

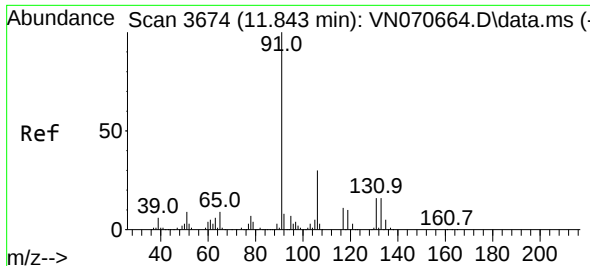
Tgt Ion: 95 Resp: 657548  
Ion Ratio Lower Upper  
95 100  
174 73.4 0.0 187.2  
176 71.2 0.0 181.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3637  
Delta R.T. -0.000 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

Tgt Ion: 117 Resp: 1303168  
Ion Ratio Lower Upper  
117 100  
82 60.6 42.4 63.6  
119 31.8 25.4 38.2

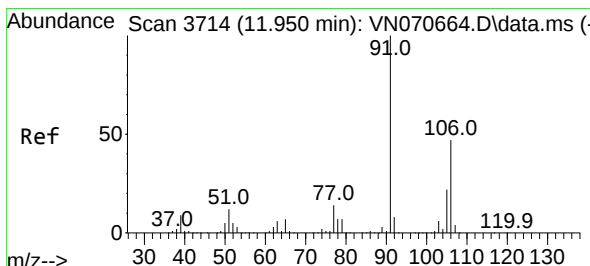
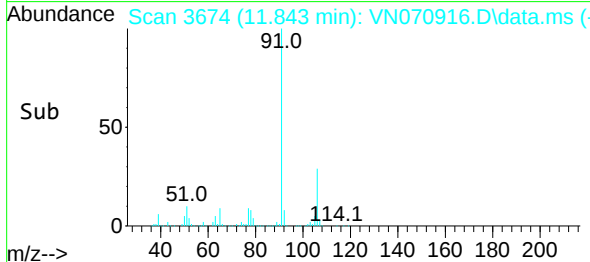
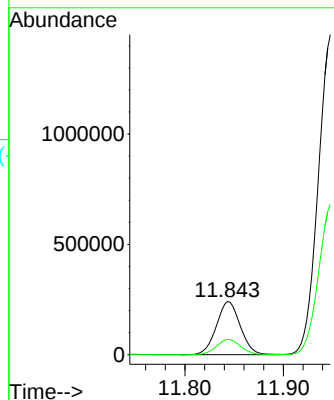
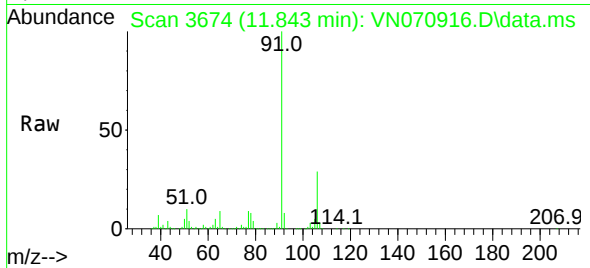




#67  
Ethyl Benzene  
Concen: 8.179 ug/l  
RT: 11.843 min Scan# 307  
Delta R.T. 0.000 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

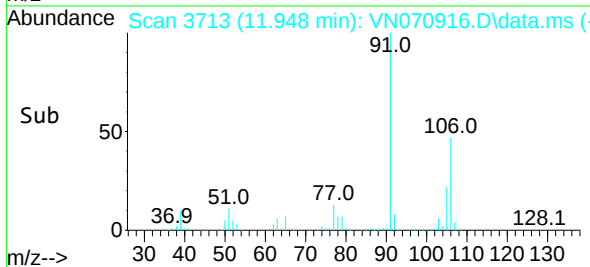
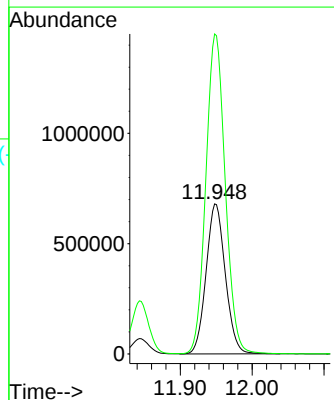
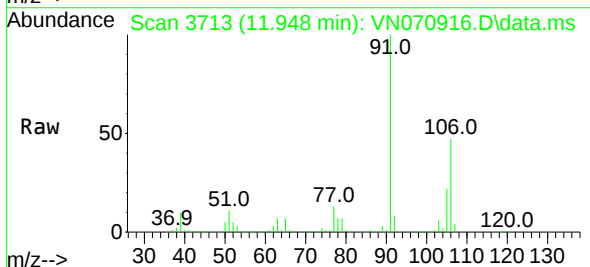
Instrument :  
MSVOA\_N  
ClientSampleId :  
31534DL

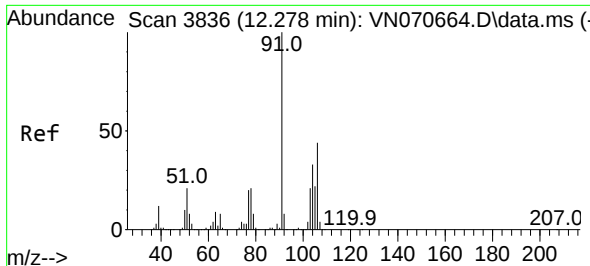
Tgt Ion: 91 Resp: 406638  
Ion Ratio Lower Upper  
91 100  
106 29.0 25.7 38.5



#68  
m/p-Xylenes  
Concen: 68.614 ug/l  
RT: 11.948 min Scan# 3713  
Delta R.T. -0.005 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

Tgt Ion: 106 Resp: 1264034  
Ion Ratio Lower Upper  
106 100  
91 214.9 160.6 240.8

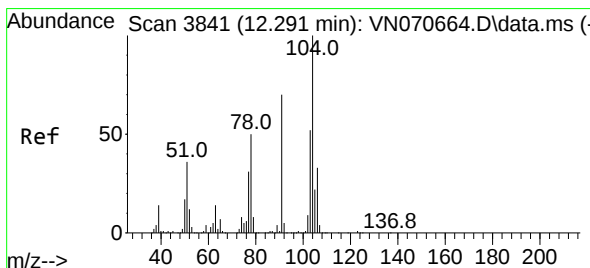
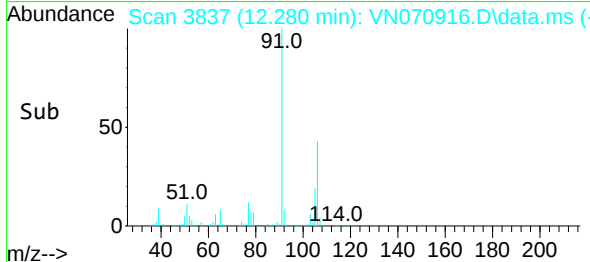
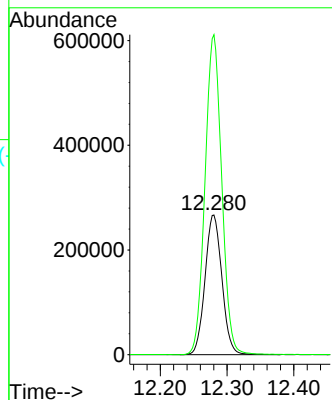
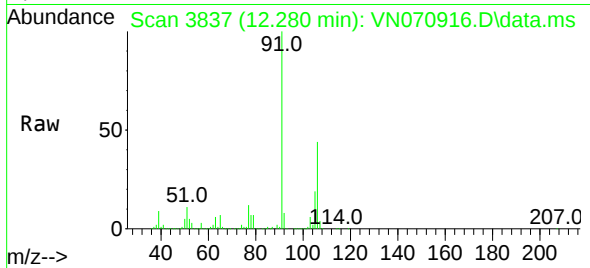




#69  
o-Xylene  
Concen: 25.414 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. 0.000 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

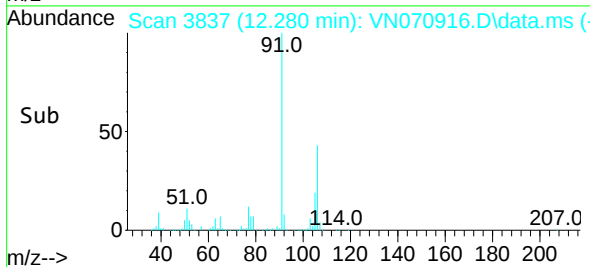
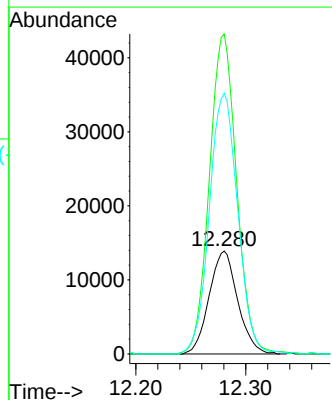
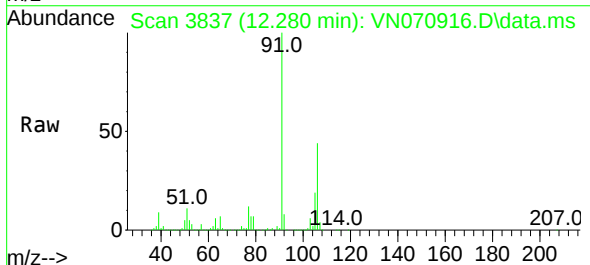
Instrument :  
MSVOA\_N  
ClientSampleId :  
31534DL

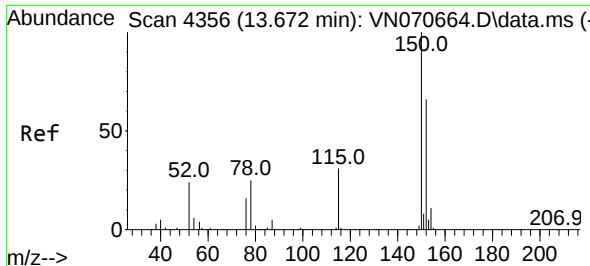
Tgt Ion:106 Resp: 468566  
Ion Ratio Lower Upper  
106 100  
91 226.7 105.8 317.3



#70  
Styrene  
Concen: 0.863 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. -0.014 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

Tgt Ion:104 Resp: 25070  
Ion Ratio Lower Upper  
104 100  
78 296.8 38.7 58.1#  
103 252.3 45.0 67.6#

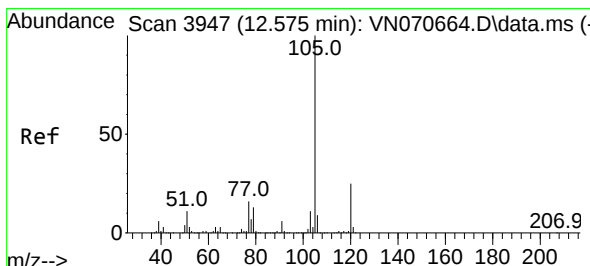
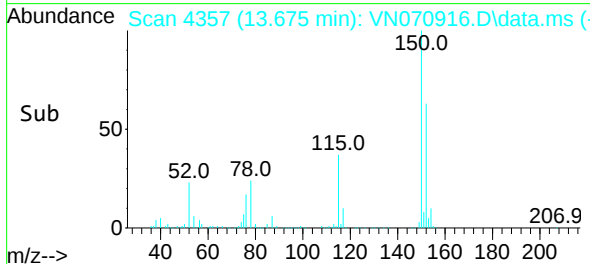
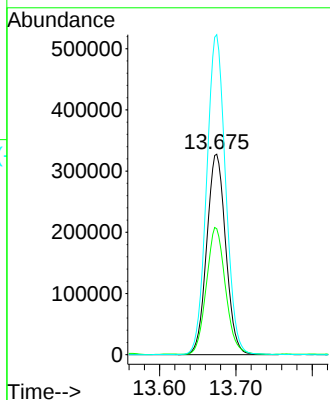
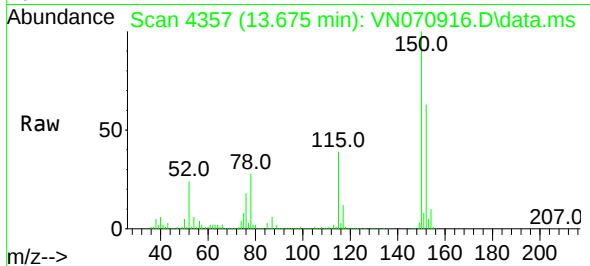




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

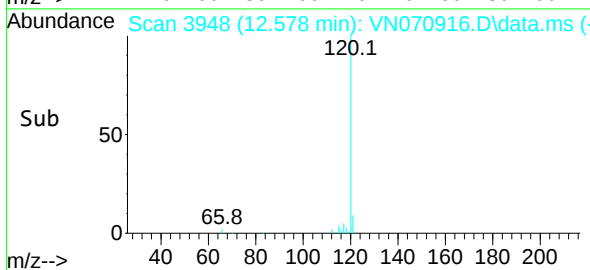
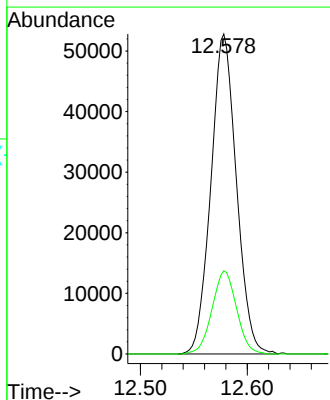
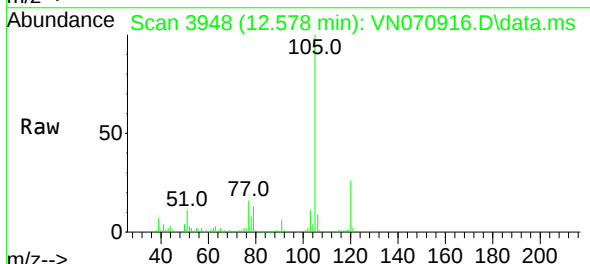
Instrument :  
MSVOA\_N  
ClientSampleId :  
31534DL

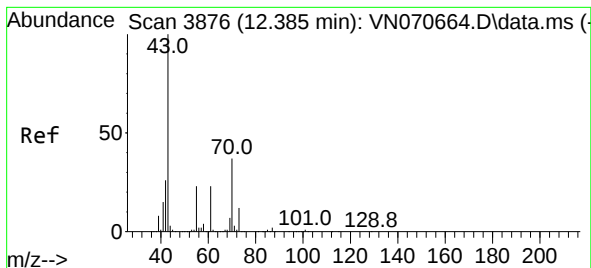
Tgt Ion:152 Resp: 566021  
Ion Ratio Lower Upper  
152 100  
115 63.8 27.5 82.5  
150 159.8 0.0 344.4



#73  
Isopropylbenzene  
Concen: 1.774 ug/l  
RT: 12.578 min Scan# 3948  
Delta R.T. -0.000 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

Tgt Ion:105 Resp: 87631  
Ion Ratio Lower Upper  
105 100  
120 25.0 13.4 40.1





#74

N-amy1 acetate

Concen: 2.506 ug/l

RT: 12.353 min Scan# 31

Delta R.T. -0.035 min

Lab File: VN070916.D

Acq: 3 Feb 2022 2:14

Instrument :

MSVOA\_N

ClientSampleId :

31534DL

Tgt Ion: 43 Resp: 55437

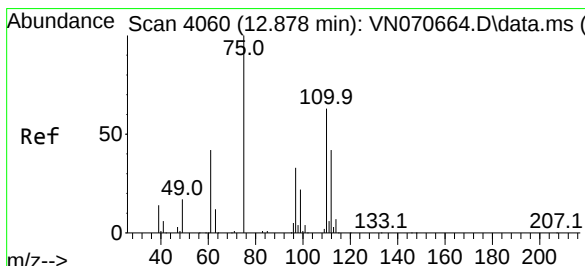
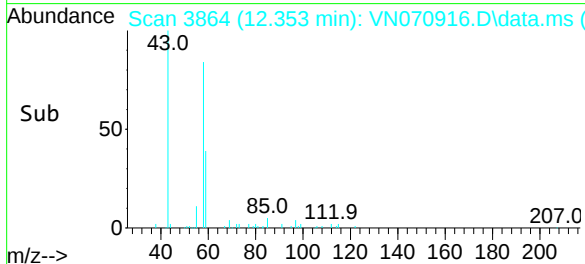
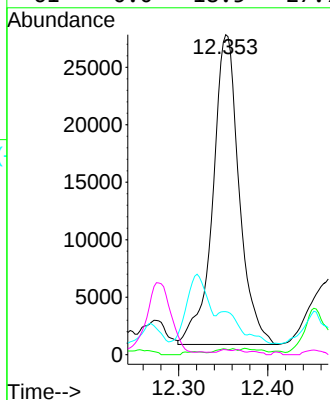
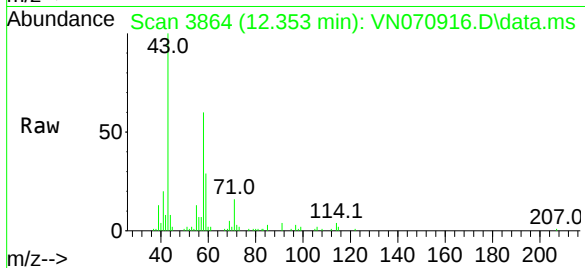
Ion Ratio Lower Upper

43 100

70 0.5 33.4 50.0#

55 0.0 19.3 28.9#

61 0.0 18.5 27.7#



#76

1,2,3-Trichloropropane

Concen: 24.941 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.147 min

Lab File: VN070916.D

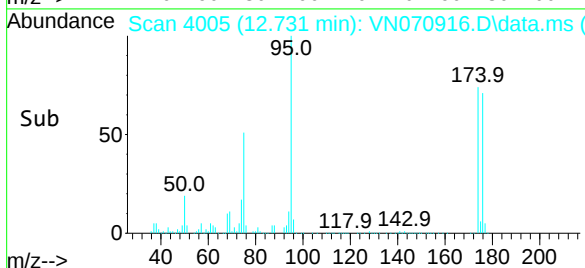
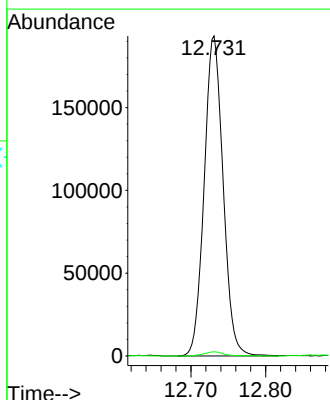
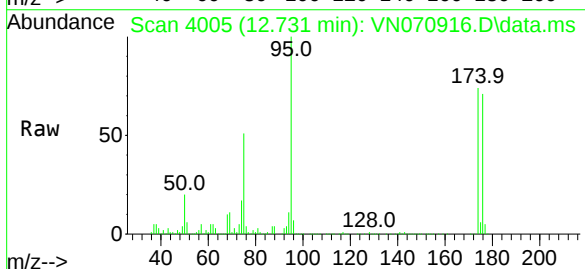
Acq: 3 Feb 2022 2:14

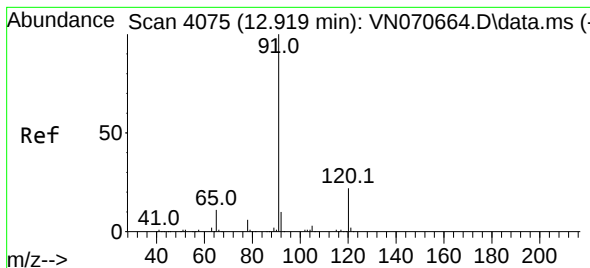
Tgt Ion: 75 Resp: 339799

Ion Ratio Lower Upper

75 100

77 1.3 82.6 247.8#





#78

n-propylbenzene

Concen: 1.184 ug/l

RT: 12.919 min Scan# 4075

Delta R.T. -0.000 min

Lab File: VN070916.D

Acq: 3 Feb 2022 2:14

Instrument :

MSVOA\_N

ClientSampleId :

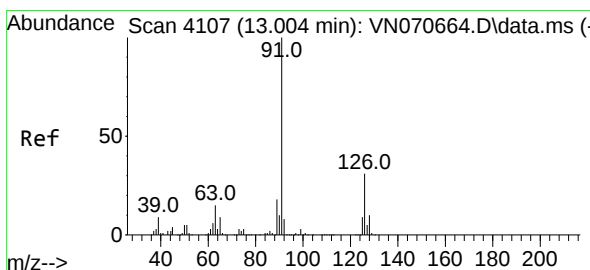
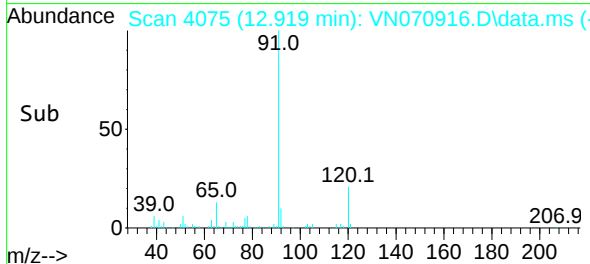
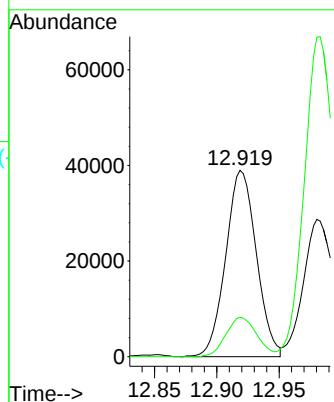
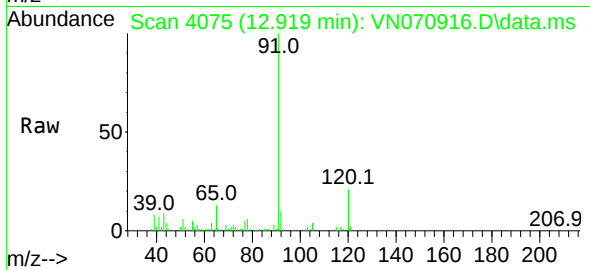
31534DL

Tgt Ion: 91 Resp: 66666

Ion Ratio Lower Upper

91 100

120 21.2 11.9 35.9



#79

2-Chlorotoluene

Concen: 1.793 ug/l

RT: 12.980 min Scan# 4098

Delta R.T. -0.027 min

Lab File: VN070916.D

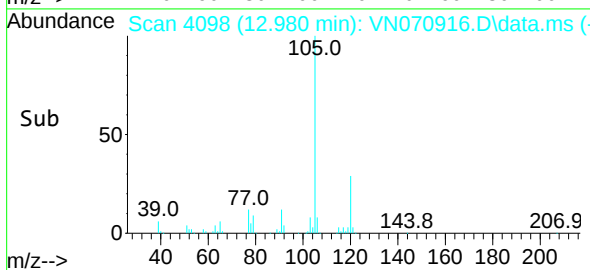
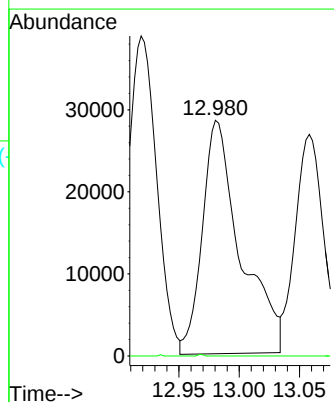
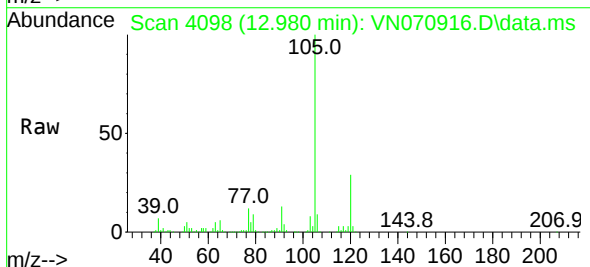
Acq: 3 Feb 2022 2:14

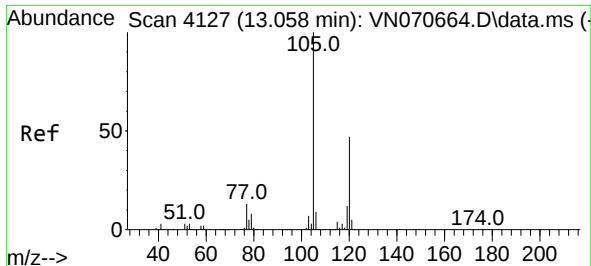
Tgt Ion: 91 Resp: 62796

Ion Ratio Lower Upper

91 100

126 0.1 18.3 54.8#

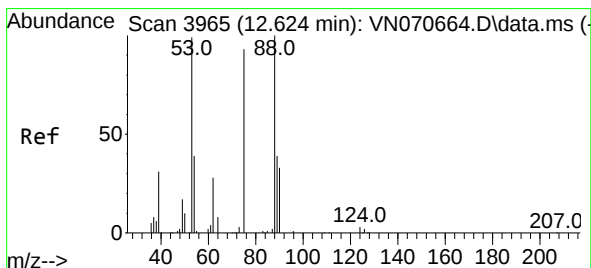
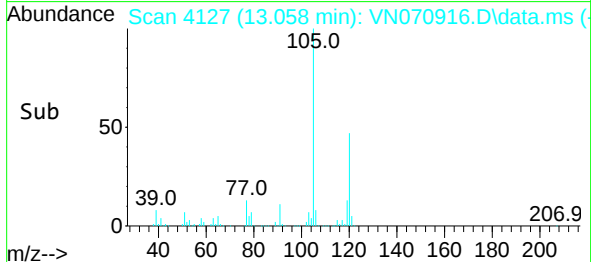
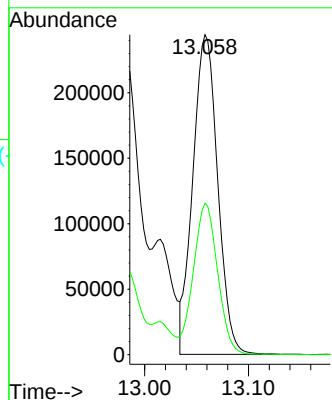
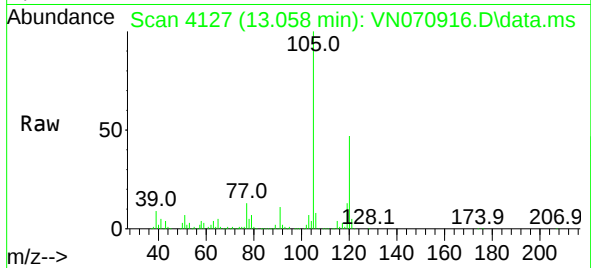




#80  
 1,3,5-Trimethylbenzene  
 Concen: 10.104 ug/l  
 RT: 13.058 min Scan# 4127  
 Delta R.T. 0.000 min  
 Lab File: VN070916.D  
 Acq: 3 Feb 2022 2:14

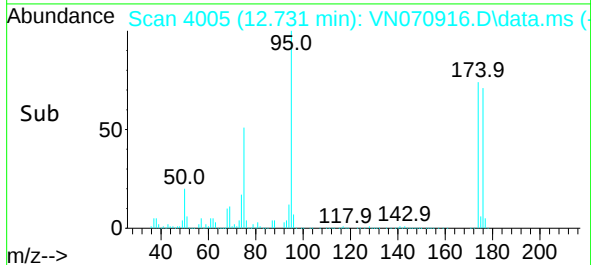
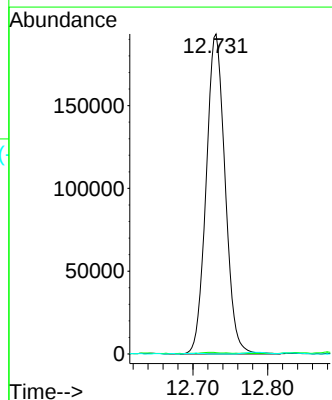
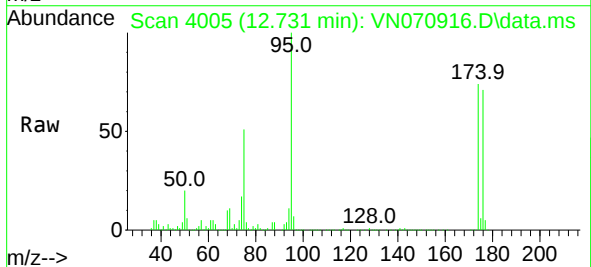
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 31534DL

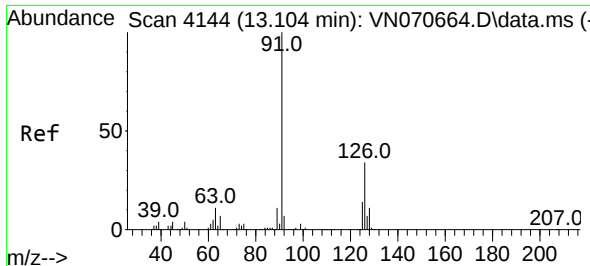
Tgt Ion:105 Resp: 404514  
 Ion Ratio Lower Upper  
 105 100  
 120 46.7 24.6 73.6



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 67.607 ug/l  
 RT: 12.731 min Scan# 4005  
 Delta R.T. 0.107 min  
 Lab File: VN070916.D  
 Acq: 3 Feb 2022 2:14

Tgt Ion: 75 Resp: 339799  
 Ion Ratio Lower Upper  
 75 100  
 53 0.3 90.5 135.7#  
 89 0.0 38.2 57.4#

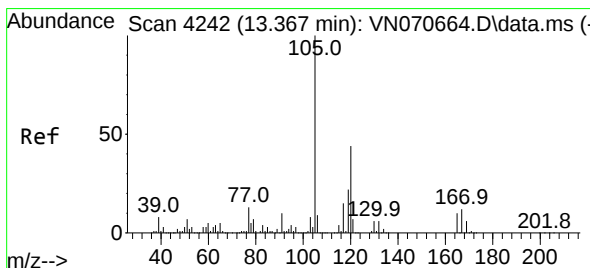
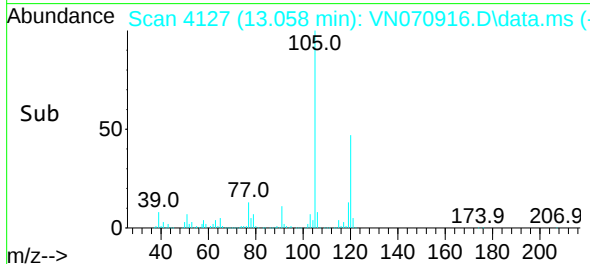
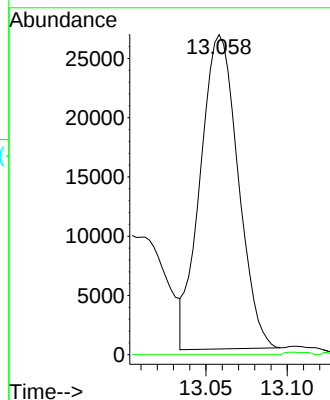
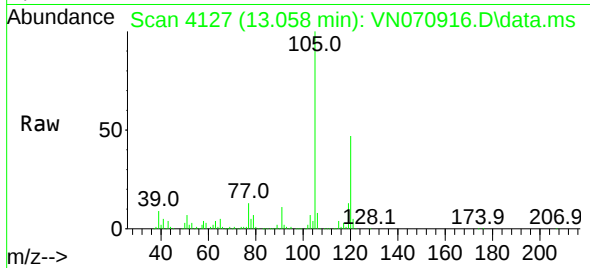




#82  
4-Chlorotoluene  
Concen: 1.268 ug/l  
RT: 13.058 min Scan# 4144  
Delta R.T. -0.046 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

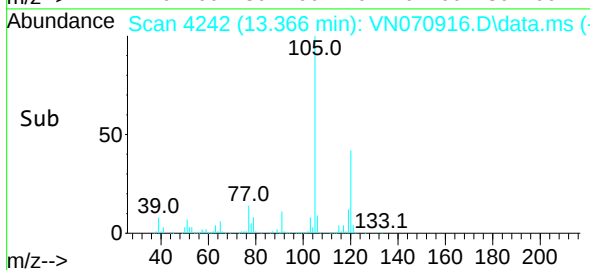
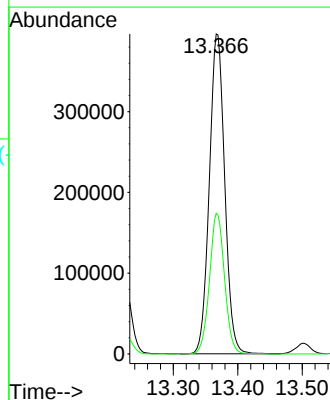
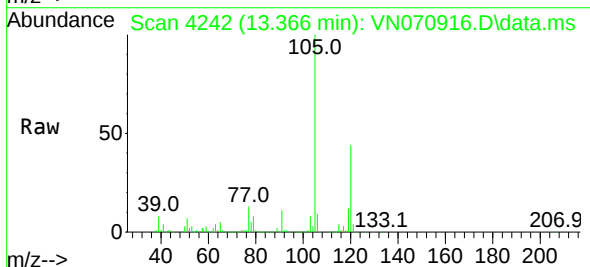
Instrument :  
MSVOA\_N  
ClientSampleId :  
31534DL

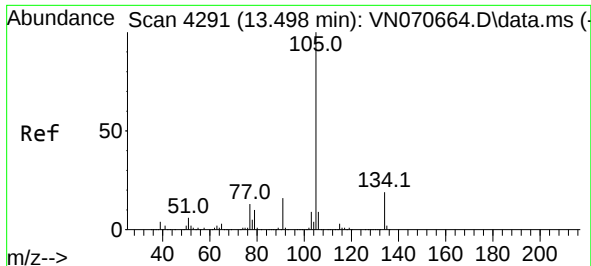
Tgt Ion: 91 Resp: 42798  
Ion Ratio Lower Upper  
91 100  
126 0.0 18.2 54.6#



#84  
1,2,4-Trimethylbenzene  
Concen: 16.768 ug/l  
RT: 13.366 min Scan# 4242  
Delta R.T. -0.001 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

Tgt Ion: 105 Resp: 656427  
Ion Ratio Lower Upper  
105 100  
120 43.1 22.8 68.4

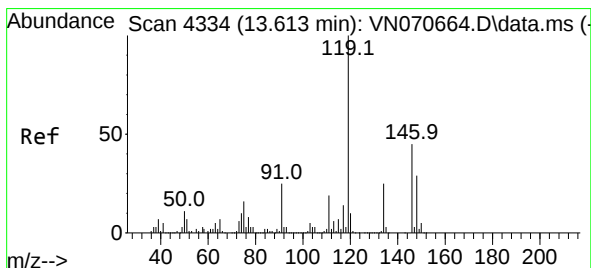
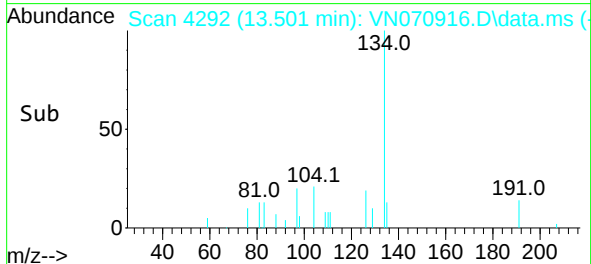
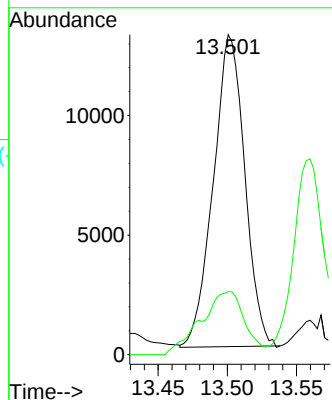
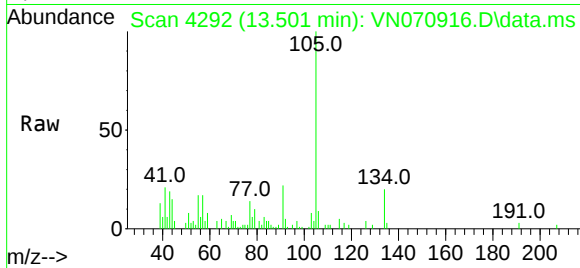




#85  
 sec-Butylbenzene  
 Concen: 0.422 ug/l  
 RT: 13.501 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VN070916.D  
 Acq: 3 Feb 2022 2:14

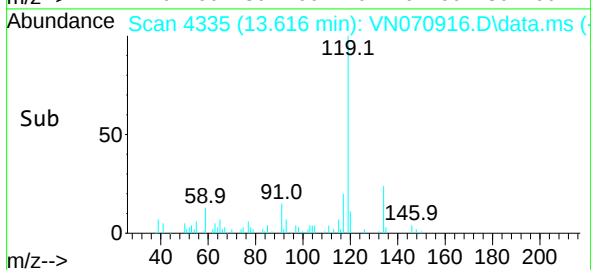
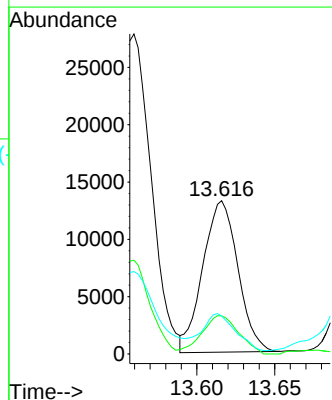
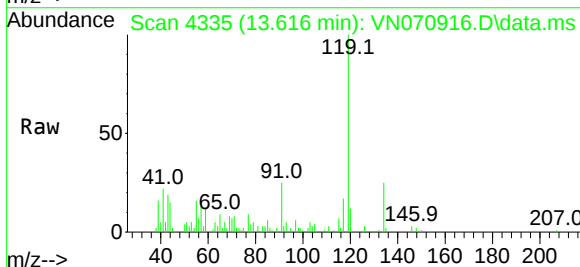
Instrument :  
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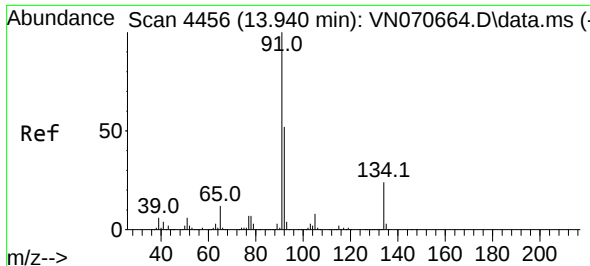
Tgt Ion:105 Resp: 20601  
 Ion Ratio Lower Upper  
 105 100  
 134 28.2 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 0.537 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. 0.003 min  
 Lab File: VN070916.D  
 Acq: 3 Feb 2022 2:14

Tgt Ion:119 Resp: 20694  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.6 40.7  
 91 22.9 11.4 34.1

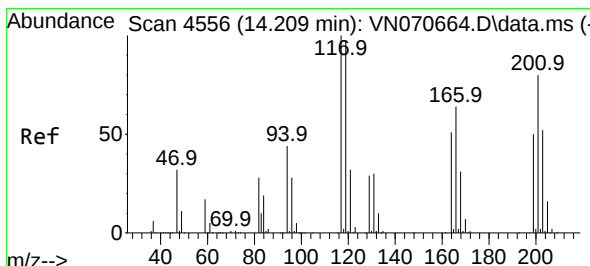
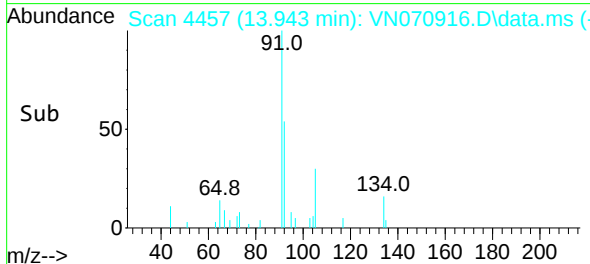
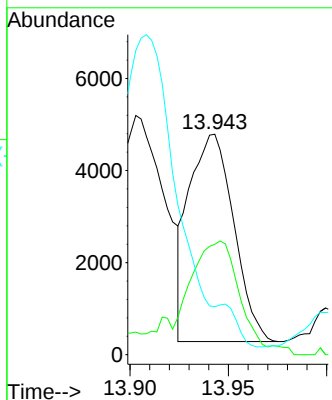
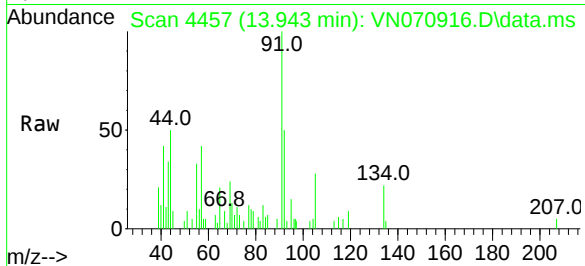




#89  
n-Butylbenzene  
Concen: 0.209 ug/l  
RT: 13.943 min Scan# 4456  
Delta R.T. 0.002 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

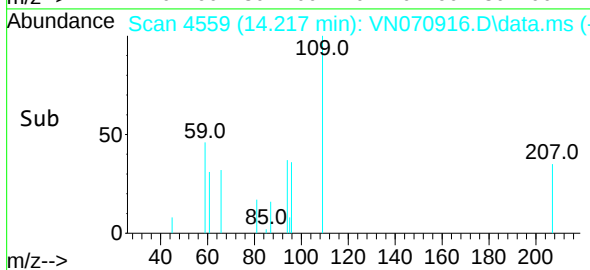
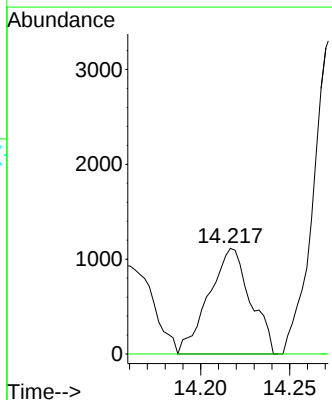
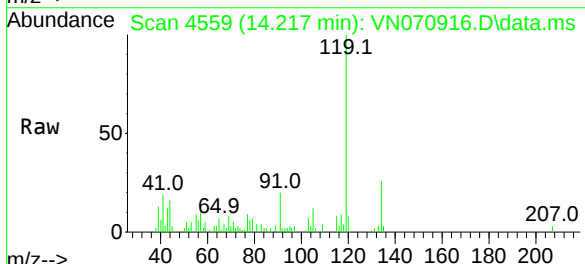
Instrument :  
MSVOA\_N  
ClientSampleId :  
31534DL

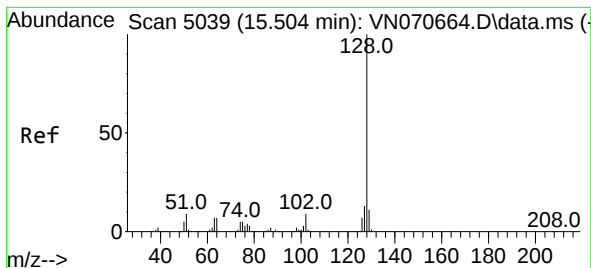
Tgt Ion: 91 Resp: 7091  
Ion Ratio Lower Upper  
91 100  
92 68.5 25.4 76.0  
134 0.0 13.6 40.8#



#90  
Hexachloroethane  
Concen: 0.265 ug/l  
RT: 14.217 min Scan# 4559  
Delta R.T. 0.008 min  
Lab File: VN070916.D  
Acq: 3 Feb 2022 2:14

Tgt Ion: 117 Resp: 1807  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.9 131.6#





#95

Naphthalene

Concen: 3.957 ug/l

RT: 15.507 min Scan# 5039

Delta R.T. 0.003 min

Lab File: VN070916.D

Acq: 3 Feb 2022 2:14

Instrument :

MSVOA\_N

ClientSampleId :

31534DL

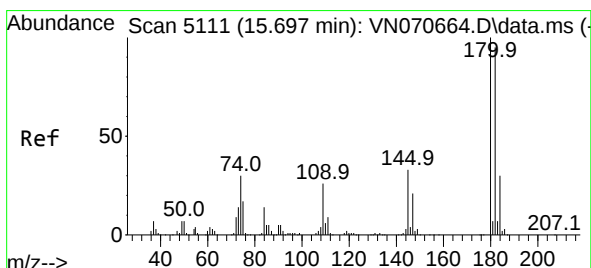
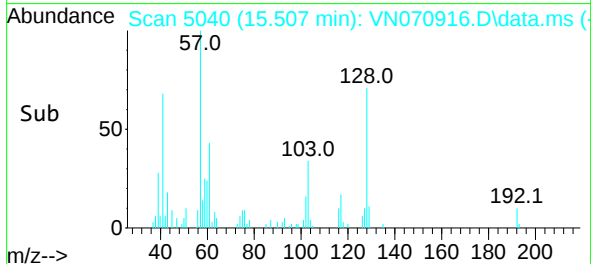
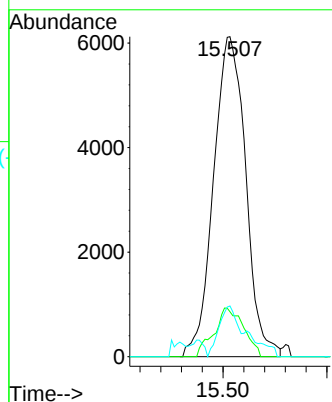
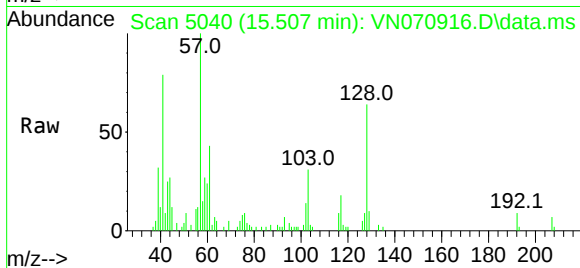
Tgt Ion:128 Resp: 13167

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

129 9.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.741 ug/l

RT: 15.692 min Scan# 5109

Delta R.T. -0.008 min

Lab File: VN070916.D

Acq: 3 Feb 2022 2:14

Tgt Ion:180 Resp: 415

Ion Ratio Lower Upper

180 100

182 581.4 47.4 142.2#

145 20.7 15.0 45.1

