

Data File : VL034346.D  
Acq On : 24 Oct 2019 14:59  
Operator : SY/AP  
Sample : K5477-01DL 10X  
Misc : 400ml/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV5

Quant Time: Oct 25 01:33:48 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL101619AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LThu Oct 17 05:12:37 2019  
QLast Update : Thu Oct 17 05:12:37 2019  
Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.69  | 49   | 982680   | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.21  | 114  | 2100609  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.24 | 117  | 1271633  | 10.00 | ppbv  | 0.09     |

#### System Monitoring Compounds

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| 68) 1-Bromo-4-Fluorobenzene | 14.54  | 95    | 1516631  | 14.08    | ppbv | 0.05     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 140.80%# |

#### Target Compounds

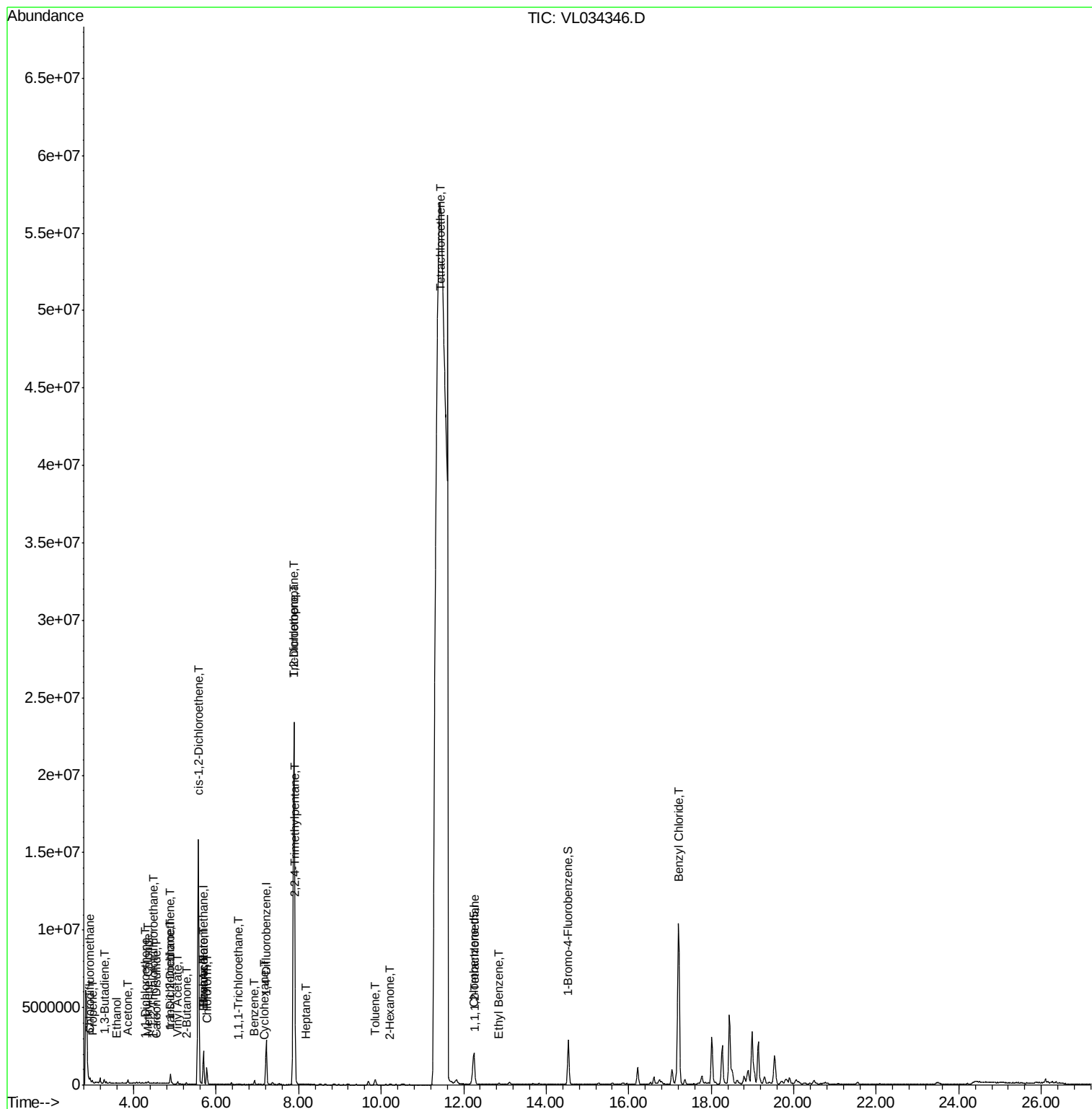
|                                |       |     |          |         |        | Qvalue |
|--------------------------------|-------|-----|----------|---------|--------|--------|
| 3) Chlorodifluoromethane       | 2.94  | 51  | 114255   | 0.992   | ppbv # | 59     |
| 9) Propene                     | 2.99  | 41  | 43132    | 0.845   | ppbv # | 74     |
| 10) Heptane                    | 8.17  | 43  | 19117    | 0.146   | ppbv # | 28     |
| 12) 1,1,2-Trichlorotrifluoroet | 4.49  | 101 | 4730     | 0.045   | ppbv # | 56     |
| 13) Ethanol                    | 3.58  | 45  | 385      | 0.034   | ppbv # | 36     |
| 15) Acetone                    | 3.86  | 43  | 152350   | 1.084   | ppbv   | 95     |
| 16) 1,3-Butadiene              | 3.29  | 39  | 65973    | 1.155   | ppbv # | 16     |
| 18) 1,1-Dichloroethene         | 4.29  | 96  | 4498     | 0.097   | ppbv # | 46     |
| 20) Methylene Chloride         | 4.35  | 84  | 38881    | 0.765   | ppbv # | 89     |
| 22) trans-1,2-Dichloroethene   | 4.89  | 96  | 178480   | 3.878   | ppbv   | 94     |
| 23) Vinyl Acetate              | 5.06  | 43  | 42161    | 0.240   | ppbv # | 1      |
| 24) 1,1-Dichloroethane         | 4.89  | 63  | 95280    | 0.731   | ppbv # | 1      |
| 25) Ethyl Acetate              | 5.71  | 43  | 38822    | 0.164   | ppbv # | 73     |
| 26) Hexane                     | 5.70  | 57  | 53266    | 0.527   | ppbv # | 41     |
| 27) Carbon Disulfide           | 4.55  | 76  | 9783     | 0.093   | ppbv # | 38     |
| 29) Chloroform                 | 5.77  | 83  | 760774   | 4.755   | ppbv   | 99     |
| 30) Cyclohexane                | 7.16  | 84  | 5477     | 0.074   | ppbv # | 81     |
| 31) cis-1,2-Dichloroethene     | 5.57  | 61  | 8545088  | 83.247  | ppbv # | 52     |
| 32) 1,1,1-Trichloroethane      | 6.54  | 97  | 6468     | 0.042   | ppbv # | 20     |
| 34) 2-Butanone                 | 5.28  | 43  | 148937   | 0.867   | ppbv   | 95     |
| 36) Benzene                    | 6.93  | 78  | 215031   | 1.067   | ppbv # | 94     |
| 38) Trichloroethene            | 7.89  | 130 | 8569532  | 105.957 | ppbv   | 89     |
| 39) 1,2-Dichloropropane        | 7.89  | 63  | 51293    | 0.591   | ppbv # | 1      |
| 44) 2,2,4-Trimethylpentane     | 7.92  | 57  | 389602   | 1.044   | ppbv   | 97     |
| 51) 2-Hexanone                 | 10.20 | 43  | 10365    | 0.051   | ppbv # | 30     |
| 52) Tetrachloroethene          | 11.44 | 164 | 38784116 | 490.929 | ppbv   | 91     |
| 53) Toluene                    | 9.86  | 91  | 98463    | 0.443   | ppbv   | 92     |
| 56) 1,1,1,2-Tetrachloroethane  | 12.29 | 131 | 6001     | 0.102   | ppbv # | 1      |
| 58) Ethyl Benzene              | 12.85 | 91  | 12783    | 0.072   | ppbv   | 96     |
| 66) Benzyl Chloride            | 17.19 | 91  | 6120     | 0.086   | ppbv # | 68     |

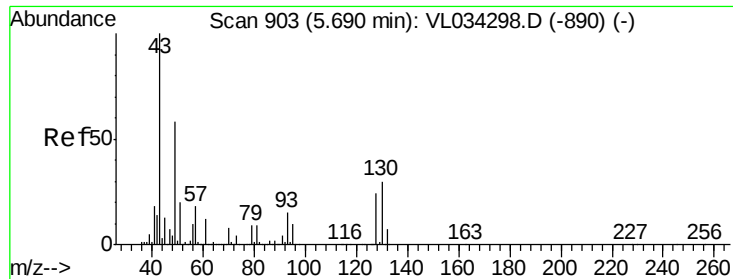
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.00 min

Lab File: VL034346.D

Acq: 24 Oct 2019 14:59

Instrument :

MSVOA\_L

ClientSampleId :

SV5

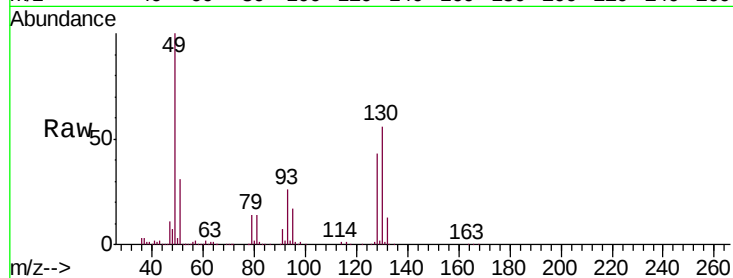
Tgt Ion: 49 Resp: 982680

Ion Ratio Lower Upper

49 100

128 46.2 20.6 61.8

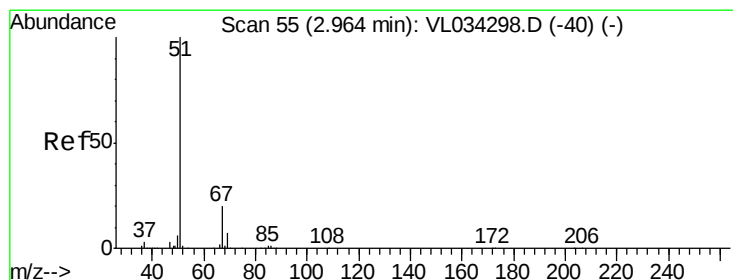
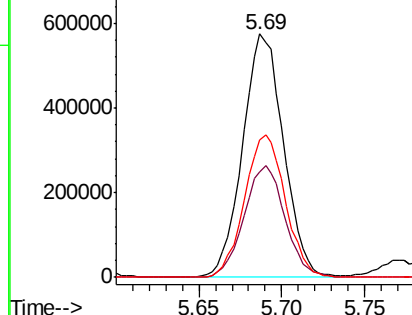
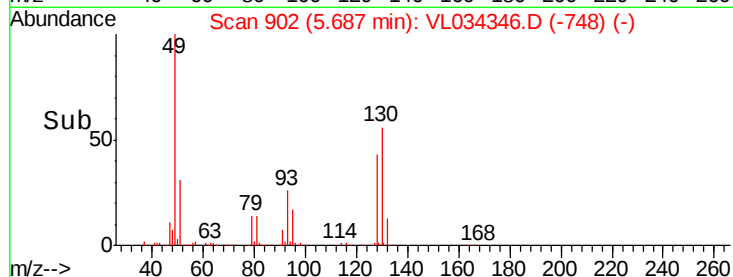
130 58.9 26.2 78.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#3

Chlorodifluoromethane

Concen: 0.992 ppbv

RT: 2.94 min Scan# 47

Delta R.T. -0.03 min

Lab File: VL034346.D

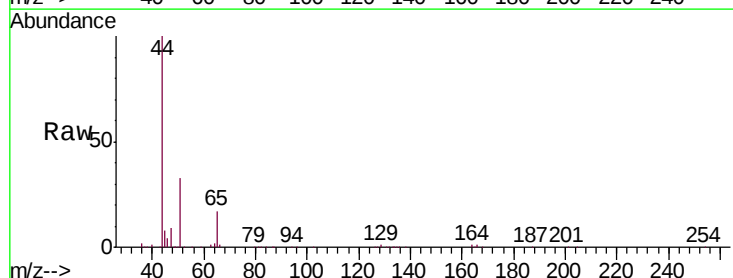
Acq: 24 Oct 2019 14:59

Tgt Ion: 51 Resp: 114255

Ion Ratio Lower Upper

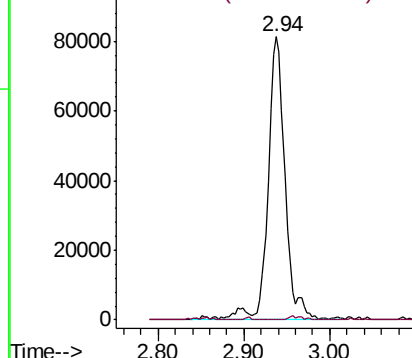
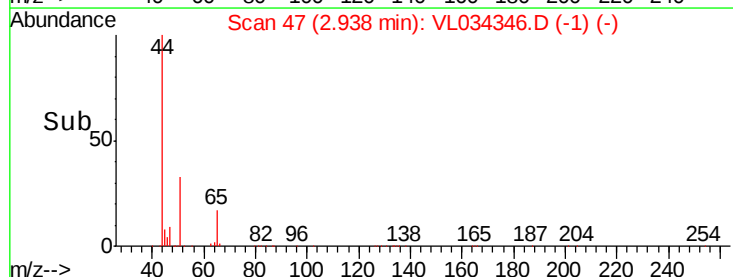
51 100

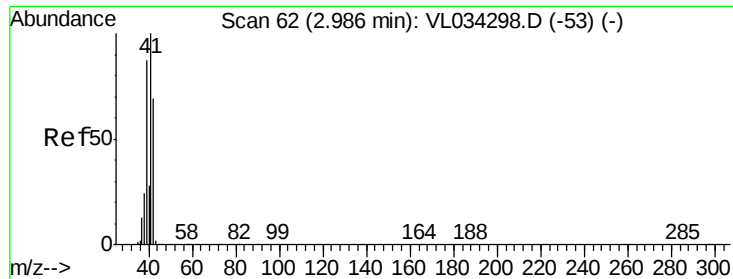
67 1.0 15.8 23.8#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#9

Propene

Concen: 0.845 ppbv

RT: 2.99 min Scan# 64

Delta R.T. 0.01 min

Lab File: VL034346.D

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Instrument :

MSVOA\_L

ClientSampleId :

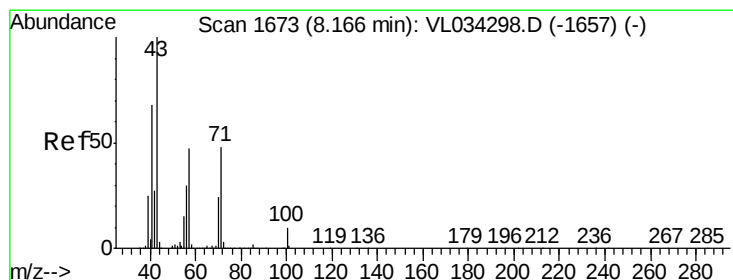
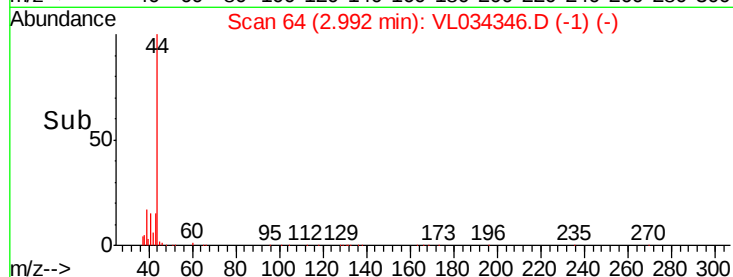
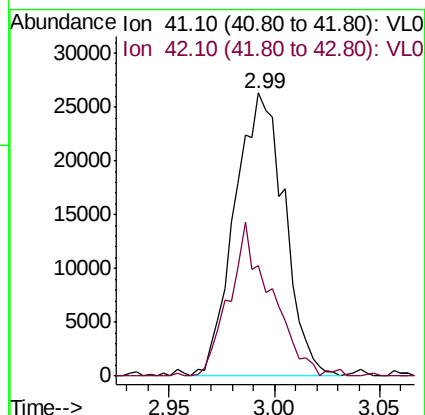
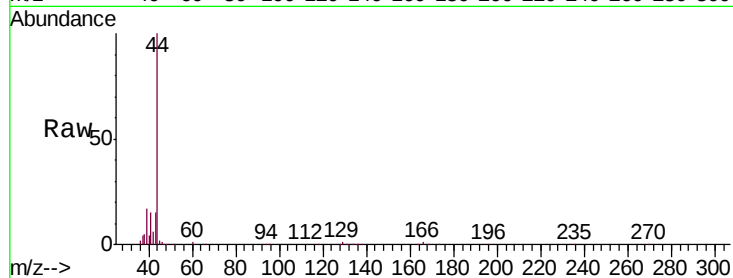
SV5

Tgt Ion: 41 Resp: 43132

Ion Ratio Lower Upper

41 100

42 46.1 53.9 80.9#



#10

Heptane

Concen: 0.146 ppbv

RT: 8.17 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VL034346.D

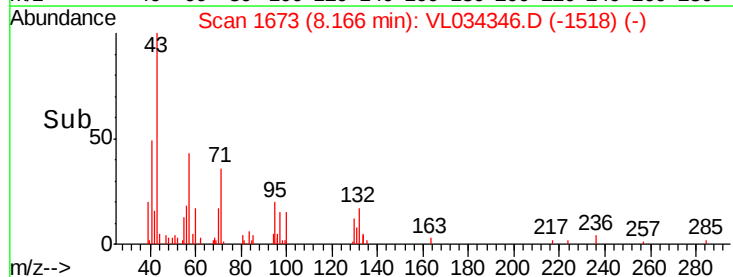
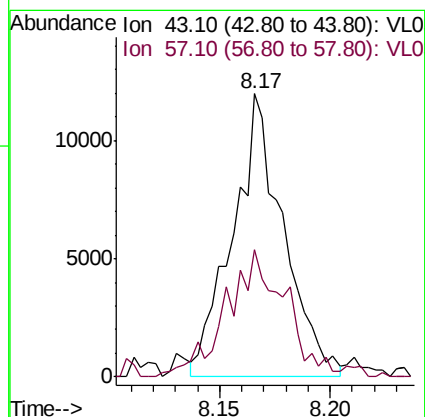
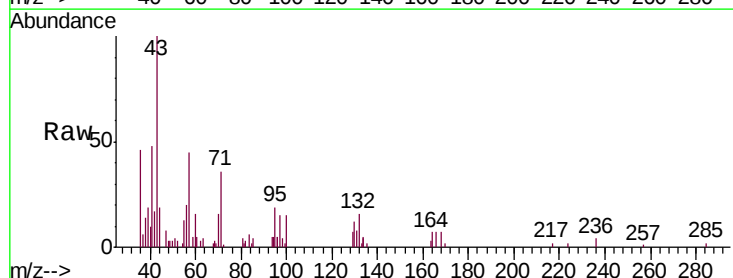
Acq: 24 Oct 2019 14:59

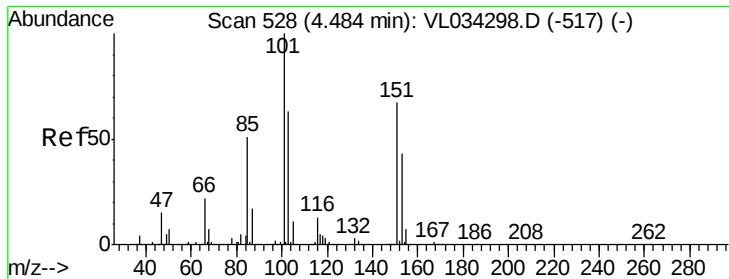
Tgt Ion: 43 Resp: 19117

Ion Ratio Lower Upper

43 100

57 0.0 39.5 59.3#





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.045 ppbv

RT: 4.49 min Scan# 529

Delta R.T. 0.00 min

Lab File: VL034346.D

Acq: 24 Oct 2019 14:59

Instrument :

MSVOA\_L

ClientSampleId :

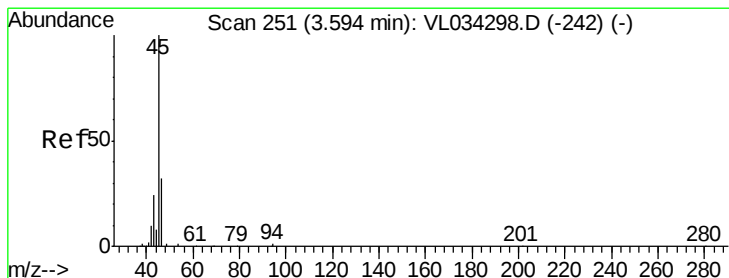
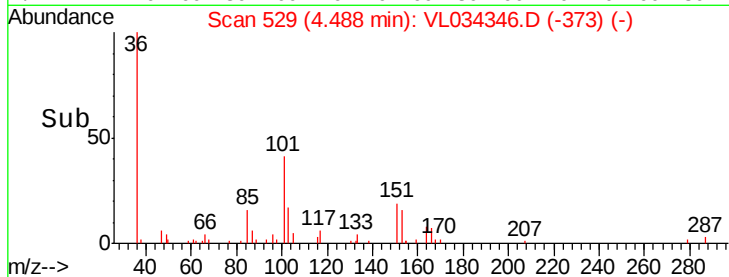
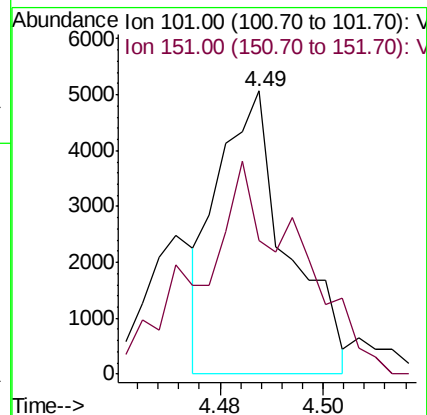
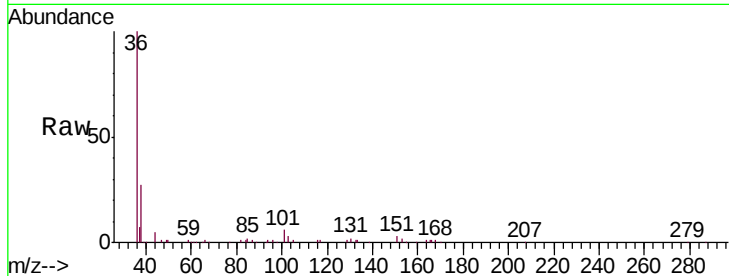
SV5

Tgt Ion:101 Resp: 4730

Ion Ratio Lower Upper

101 100

151 108.7 57.4 86.2#



#13

Ethanol

Concen: 0.034 ppbv

RT: 3.58 min Scan# 247

Delta R.T. -0.01 min

Lab File: VL034346.D

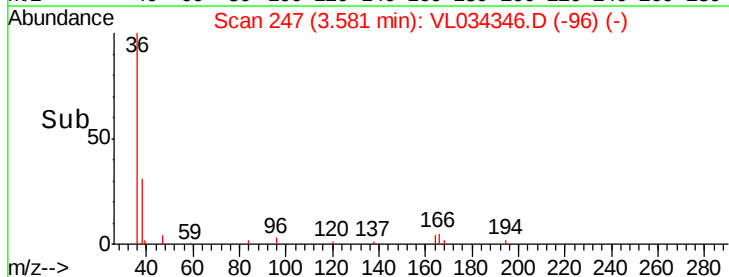
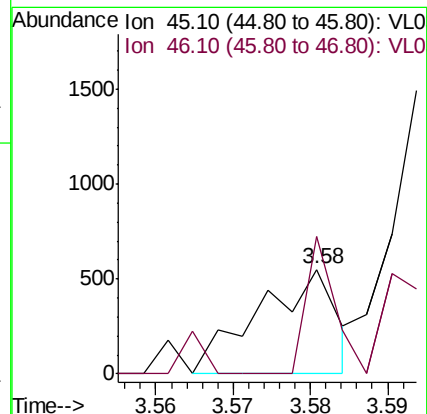
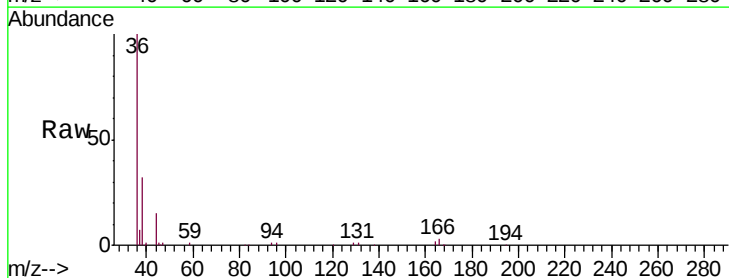
Acq: 24 Oct 2019 14:59

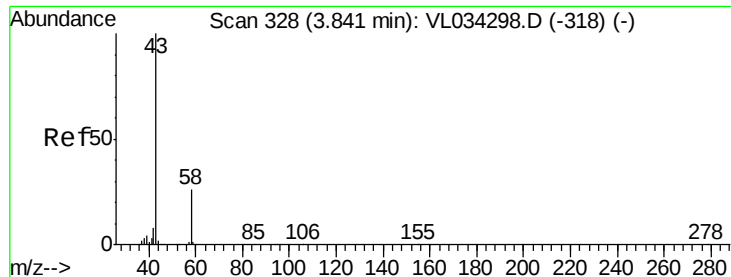
Tgt Ion: 45 Resp: 385

Ion Ratio Lower Upper

45 100

46 0.0 15.8 63.2#

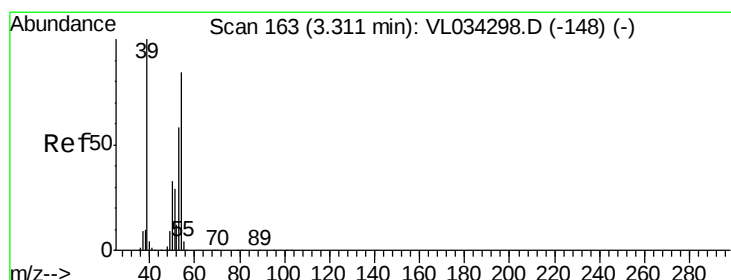
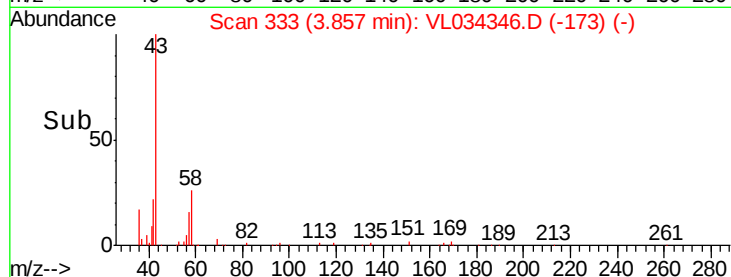
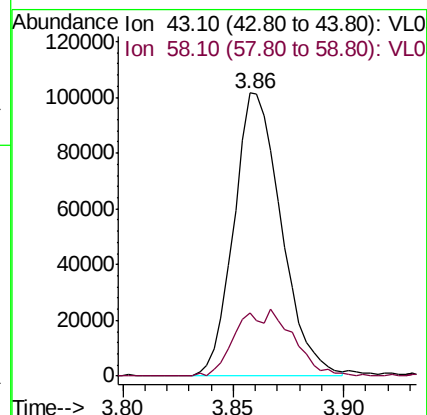
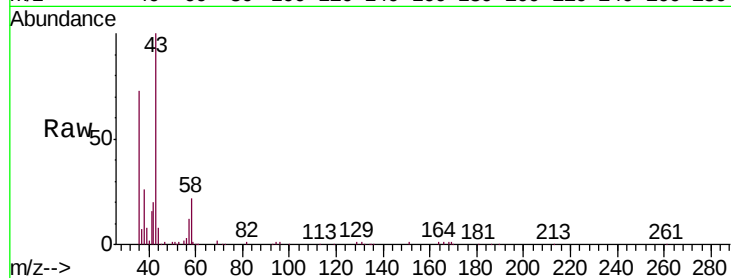




#15  
Acetone  
Concen: 1.084 ppbv  
RT: 3.86 min Scan# 333  
Delta R.T. 0.02 min  
Lab File: VL034346.D  
Acq: 24 Oct 2019 14:59

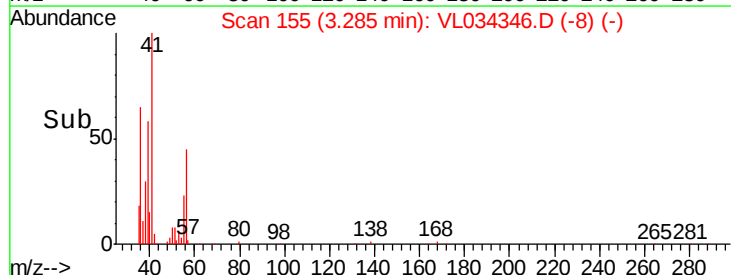
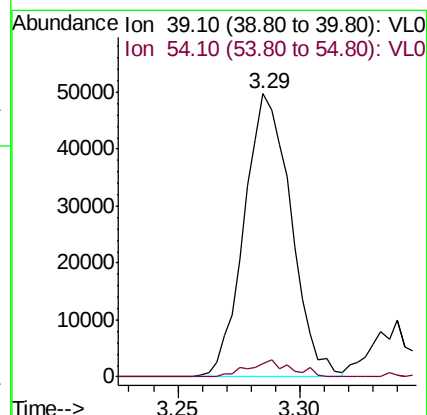
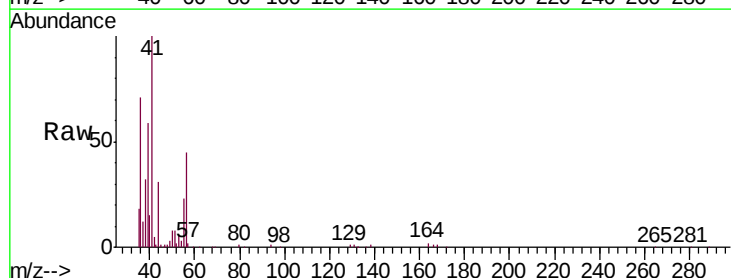
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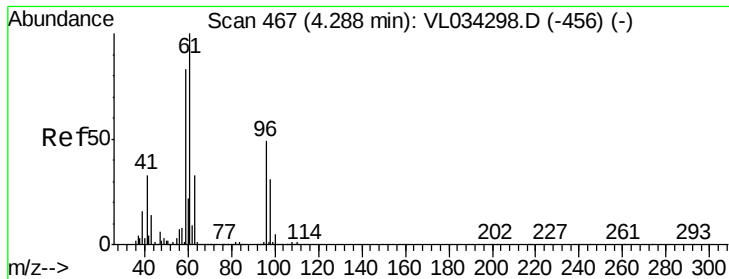
Tgt Ion: 43 Resp: 152350  
Ion Ratio Lower Upper  
43 100  
58 28.2 20.4 30.6



#16  
1,3-Butadiene  
Concen: 1.155 ppbv  
RT: 3.29 min Scan# 155  
Delta R.T. -0.03 min  
Lab File: VL034346.D  
Acq: 24 Oct 2019 14:59

Tgt Ion: 39 Resp: 65973  
Ion Ratio Lower Upper  
39 100  
54 5.4 63.9 95.9#

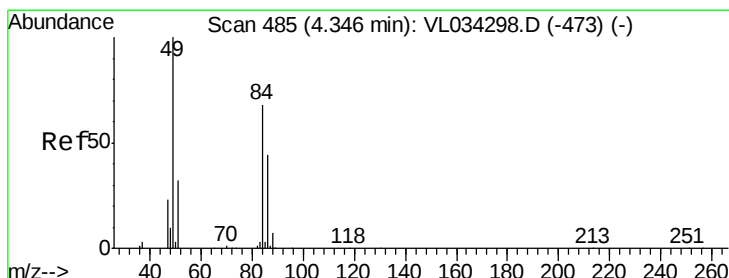
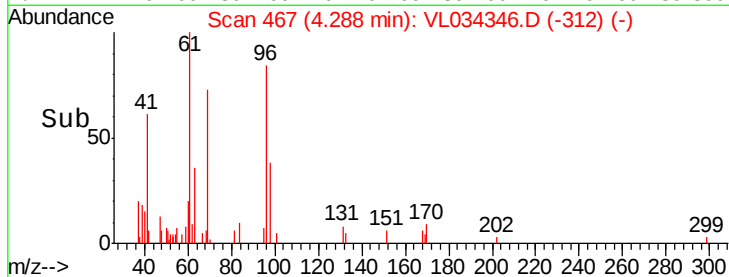
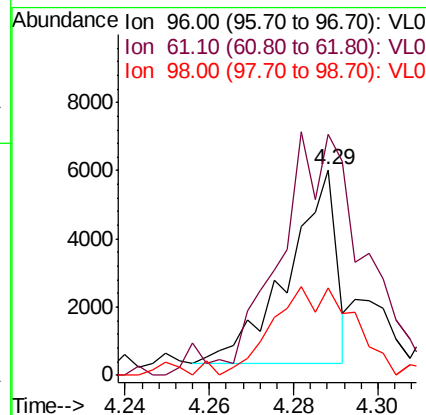
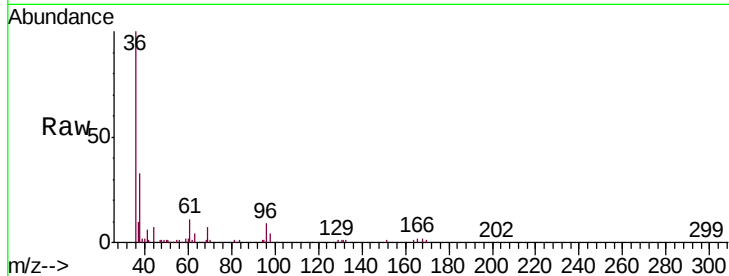




#18  
 1,1-Dichloroethene  
 Concen: 0.097 ppbv  
 RT: 4.29 min Scan# 467  
 Delta R.T. -0.00 min  
 Lab File: VL034346.D  
 Acq: 24 Oct 2019 14:59

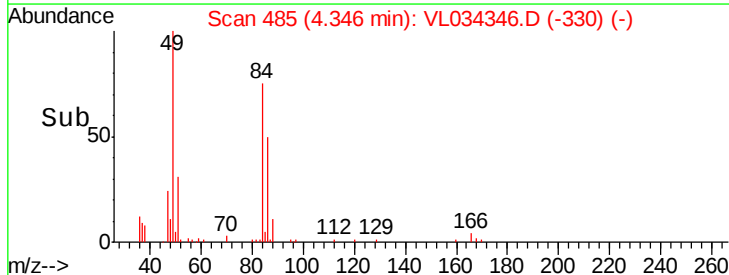
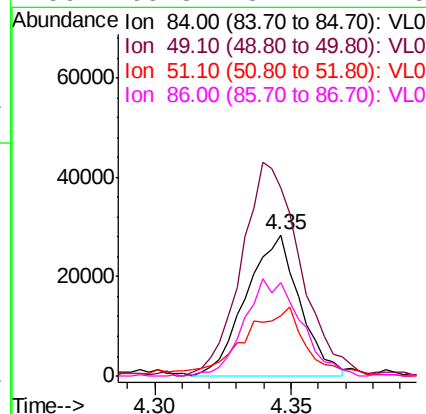
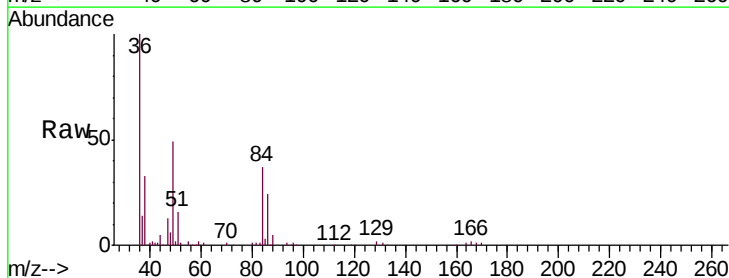
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV5

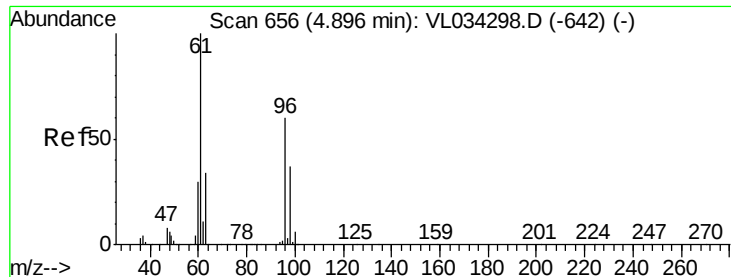
Tgt Ion: 96 Resp: 4498  
 Ion Ratio Lower Upper  
 96 100  
 61 107.7 164.5 246.7#  
 98 45.0 51.7 77.5#



#20  
 Methylene Chloride  
 Concen: 0.765 ppbv  
 RT: 4.35 min Scan# 485  
 Delta R.T. -0.00 min  
 Lab File: VL034346.D  
 Acq: 24 Oct 2019 14:59

Tgt Ion: 84 Resp: 38881  
 Ion Ratio Lower Upper  
 84 100  
 49 130.7 118.5 177.7  
 51 38.4 38.8 58.2#  
 86 65.8 51.7 77.5





#22

trans-1,2-Dichloroethene

Concen: 3.878 ppbv

RT: 4.89 min Scan# 654

Delta R.T. -0.01 min

Lab File: VL034346.D

Acq: 24 Oct 2019 14:59

Instrument :

MSVOA\_L

ClientSampleId :

SV5

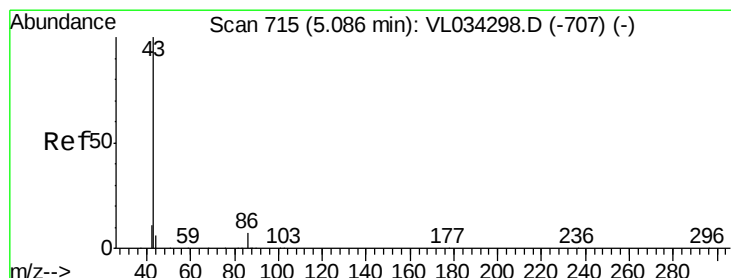
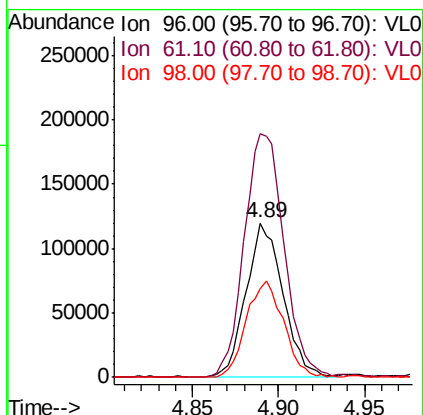
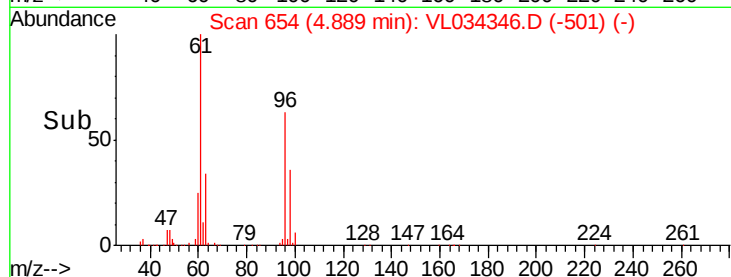
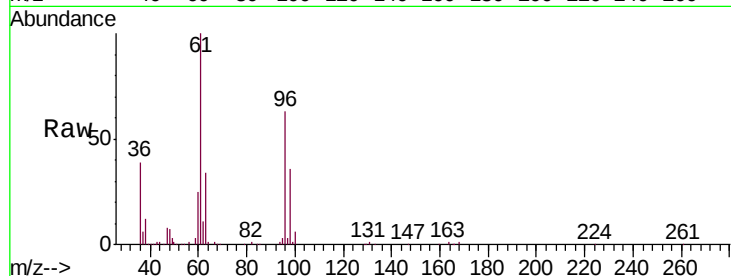
Tgt Ion: 96 Resp: 178480

Ion Ratio Lower Upper

96 100

61 158.5 133.8 200.6

98 57.0 49.4 74.0



#23

Vinyl Acetate

Concen: 0.240 ppbv

RT: 5.06 min Scan# 707

Delta R.T. -0.03 min

Lab File: VL034346.D

Acq: 24 Oct 2019 14:59

Tgt Ion: 43 Resp: 42161

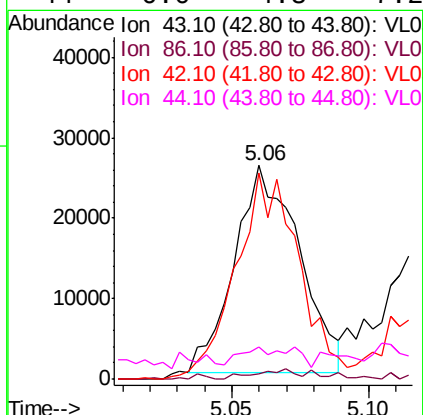
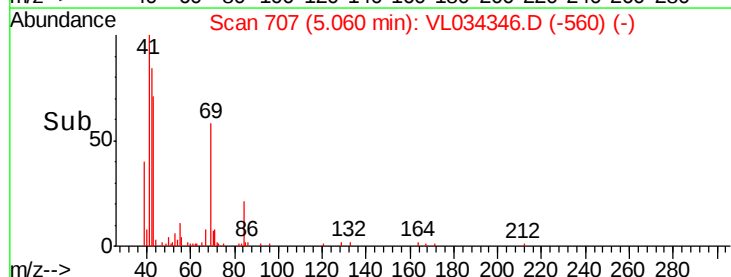
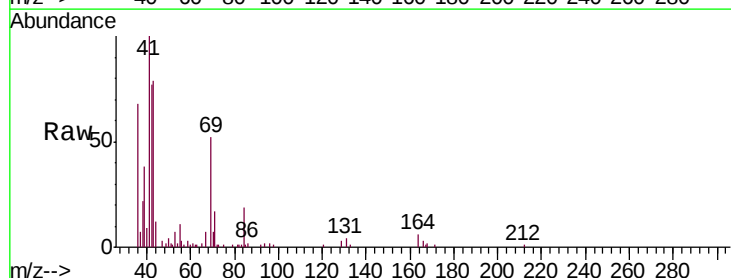
Ion Ratio Lower Upper

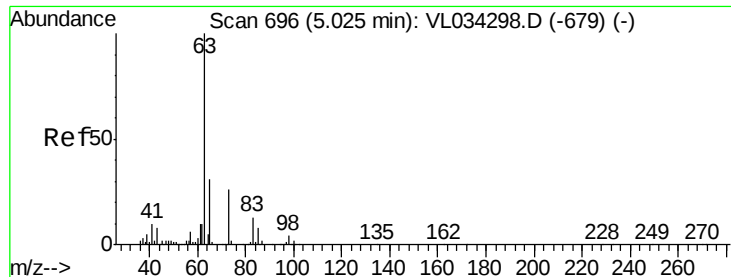
43 100

86 2.3 5.0 7.4#

42 96.4 8.6 13.0#

44 6.0 4.8 7.2





#24

1,1-Dichloroethane

Concen: 0.731 ppbv

RT: 4.89 min Scan# 654

Delta R.T. -0.14 min

Lab File: VL034346.D

Acq: 24 Oct 2019 14:59

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ClientSampleId :

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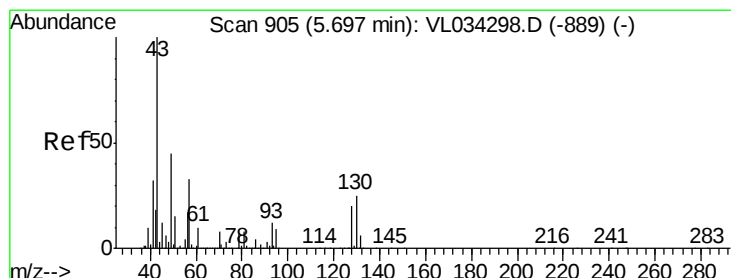
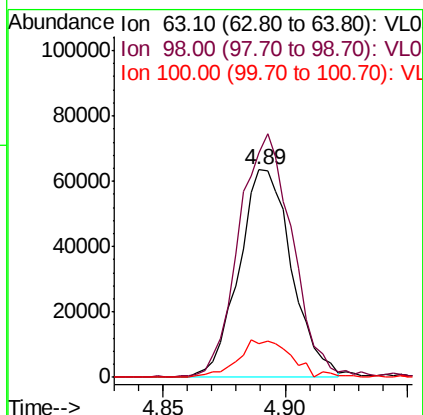
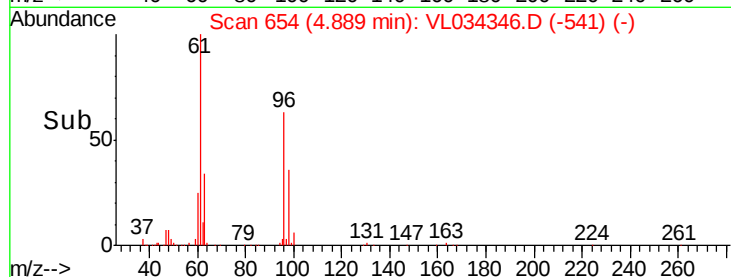
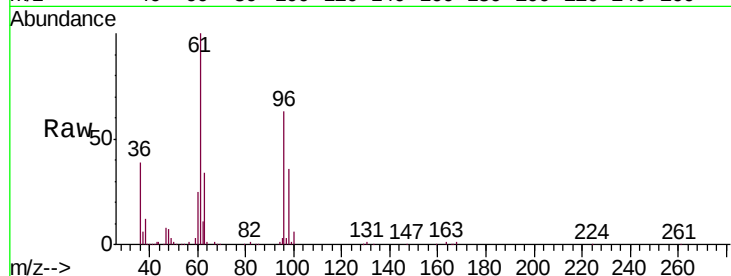
Tgt Ion: 63 Resp: 95280

Ion Ratio Lower Upper

63 100

98 107.2 2.0 6.0#

100 16.5 1.1 3.5#



#25

Ethyl Acetate

Concen: 0.164 ppbv

RT: 5.71 min Scan# 908

Delta R.T. 0.01 min

Lab File: VL034346.D

Acq: 24 Oct 2019 14:59

Tgt Ion: 43 Resp: 38822

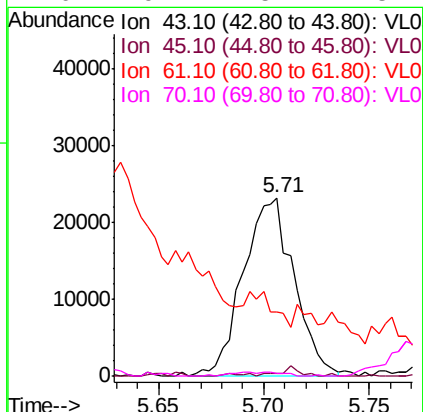
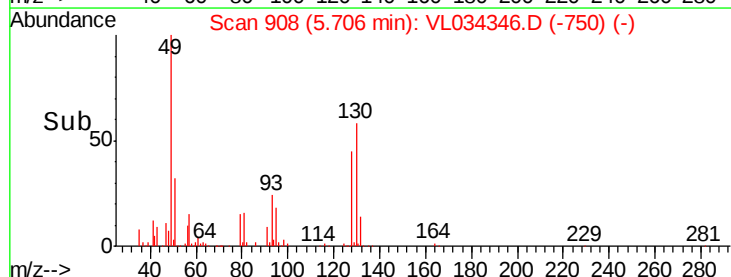
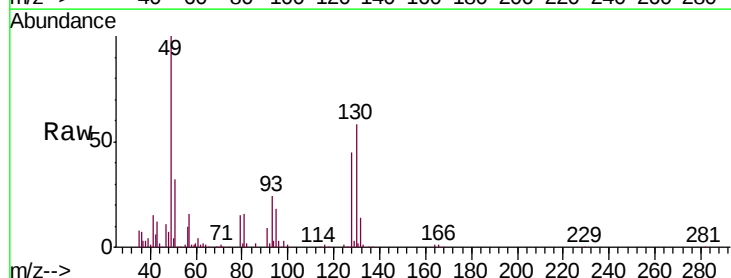
Ion Ratio Lower Upper

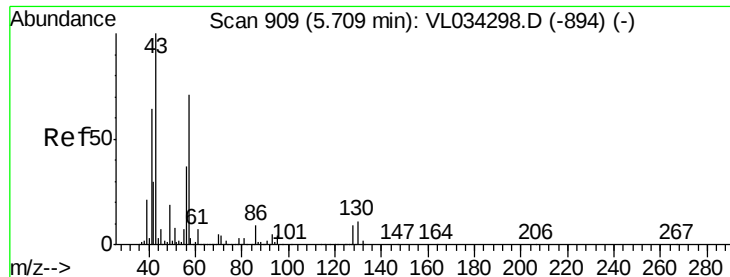
43 100

45 2.6 8.3 12.5#

61 0.0 7.7 11.5#

70 19.2 5.4 8.2#





#26

Hexane

Concen: 0.527 ppbv

RT: 5.70 min Scan# 907

Delta R.T. -0.01 min

Lab File: VL034346.D

Acq: 24 Oct 2019 14:59

Instrument :

MSVOA\_L

ClientSampleId :

SV5

Tgt Ion: 57 Resp: 53266

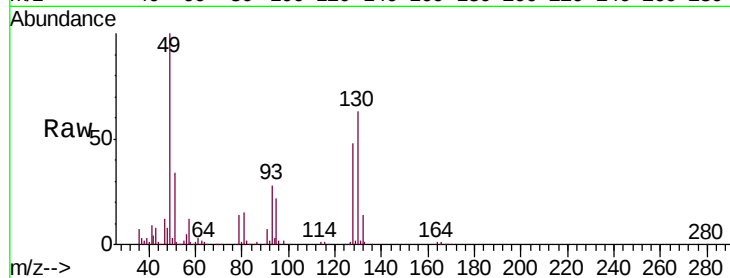
Ion Ratio Lower Upper

57 100

41 96.7 76.5 114.7

43 75.7 188.5 282.7#

56 54.7 42.8 64.2

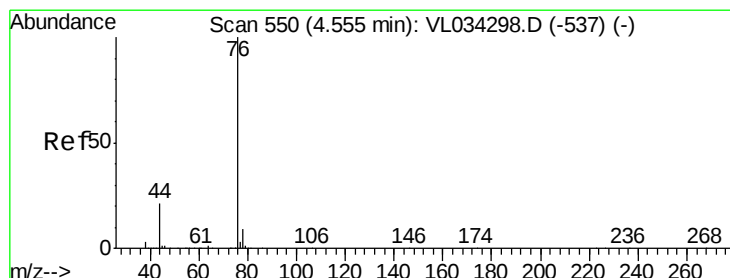
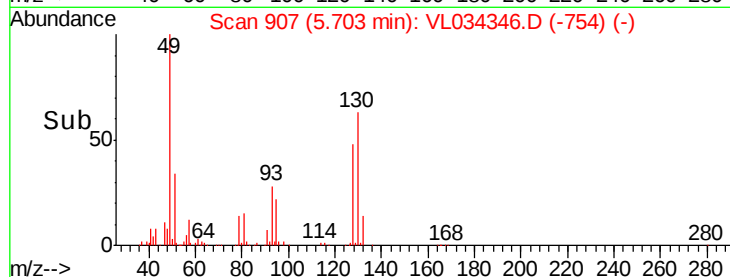
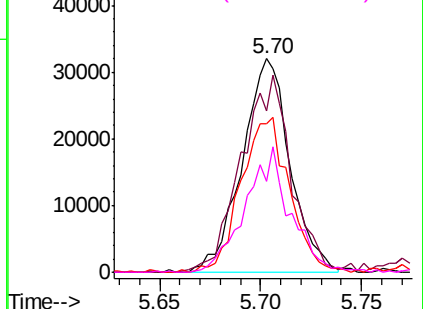


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#27

Carbon Disulfide

Concen: 0.093 ppbv

RT: 4.55 min Scan# 549

Delta R.T. -0.00 min

Lab File: VL034346.D

Acq: 24 Oct 2019 14:59

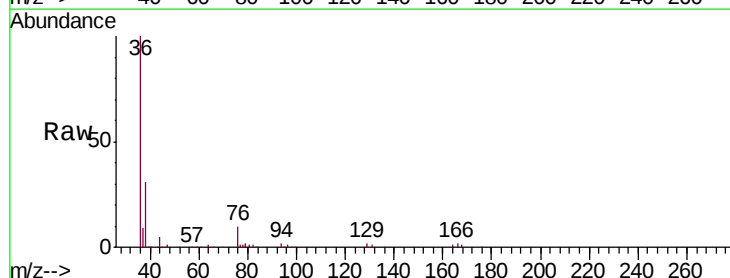
Tgt Ion: 76 Resp: 9783

Ion Ratio Lower Upper

76 100

44 61.3 17.3 25.9#

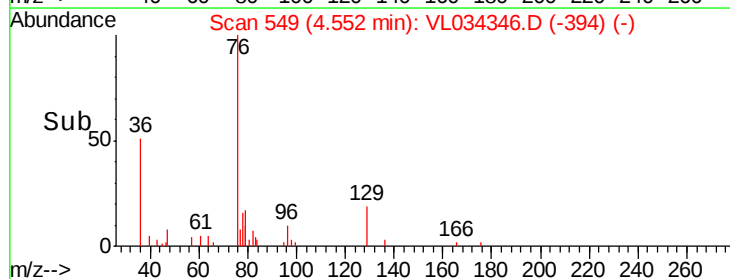
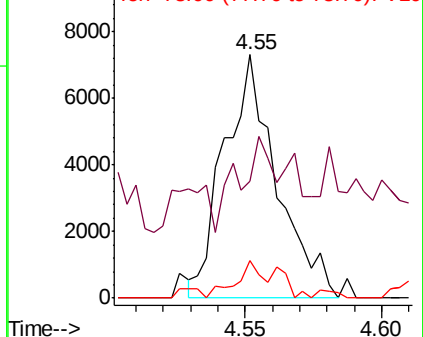
78 14.1 7.8 11.6#

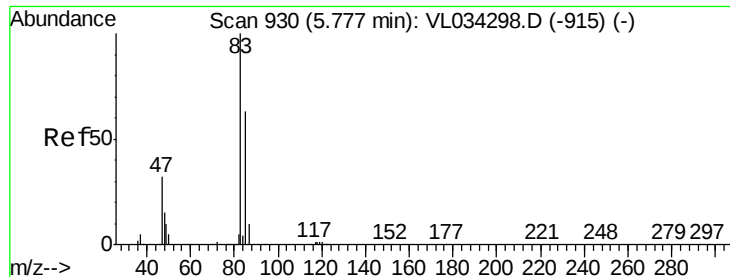


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

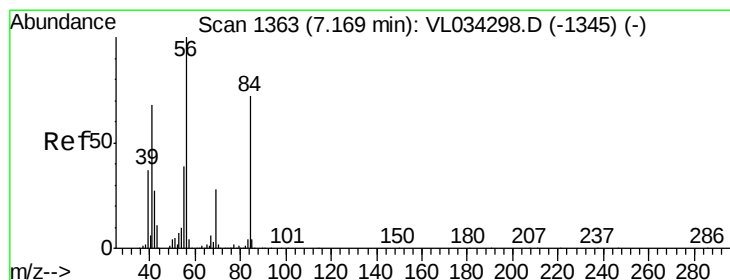
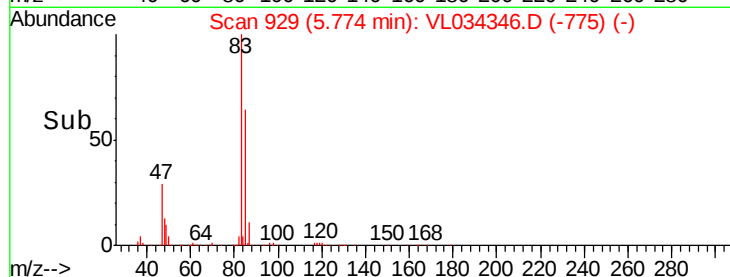
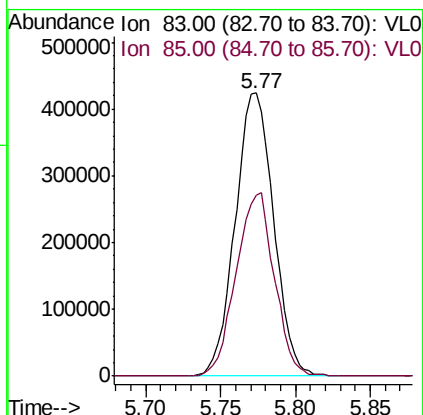
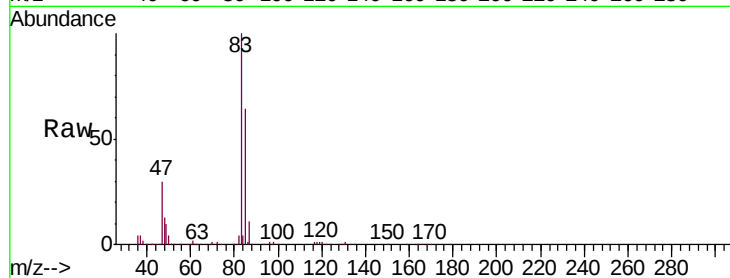




#29  
Chloroform  
Concen: 4.755 ppbv  
RT: 5.77 min Scan# 929  
Delta R.T. -0.00 min  
Lab File: VL034346.D  
Acq: 24 Oct 2019 14:59

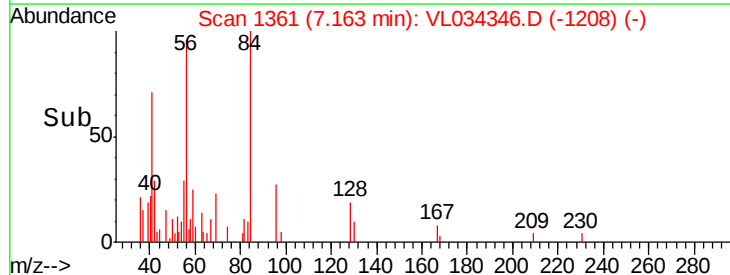
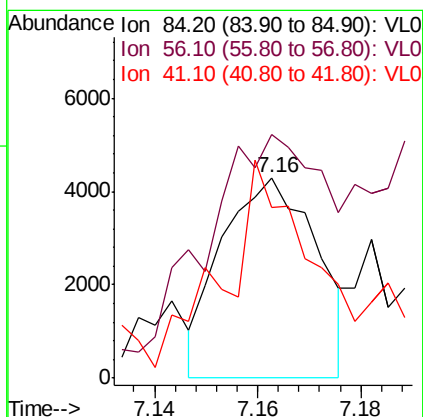
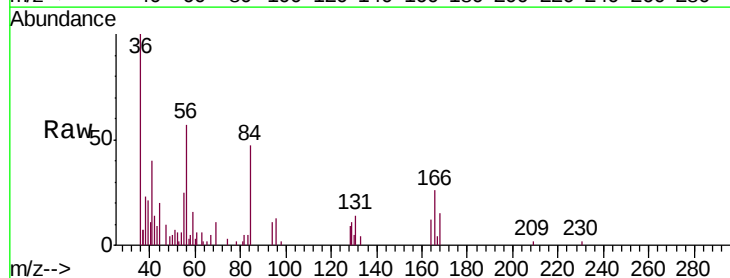
Instrument :  
MSVOA\_L  
ClientSampleId :  
SV5

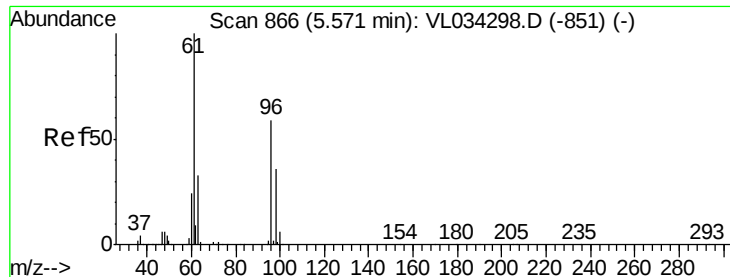
Tgt Ion: 83 Resp: 760774  
Ion Ratio Lower Upper  
83 100  
85 63.7 50.5 75.7



#30  
Cyclohexane  
Concen: 0.074 ppbv  
RT: 7.16 min Scan# 1361  
Delta R.T. -0.01 min  
Lab File: VL034346.D  
Acq: 24 Oct 2019 14:59

Tgt Ion: 84 Resp: 5477  
Ion Ratio Lower Upper  
84 100  
56 162.6 119.4 179.0  
41 128.8 78.7 118.1#





#31

cis-1,2-Dichloroethene

Concen: 83.247 ppbv

RT: 5.57 min Scan# 865

Delta R.T. -0.00 min

Lab File: VL034346.D

Acq: 24 Oct 2019 14:59

Instrument :

MSVOA\_L

ClientSampleId :

SV5

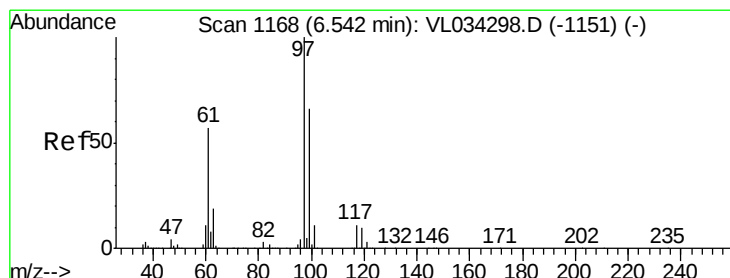
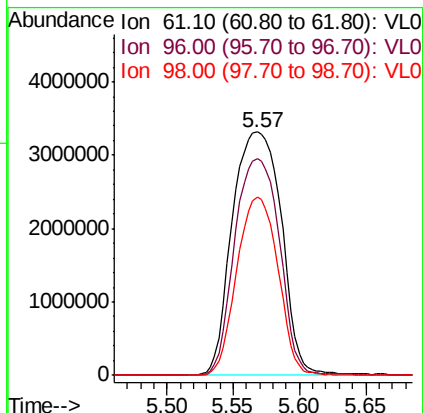
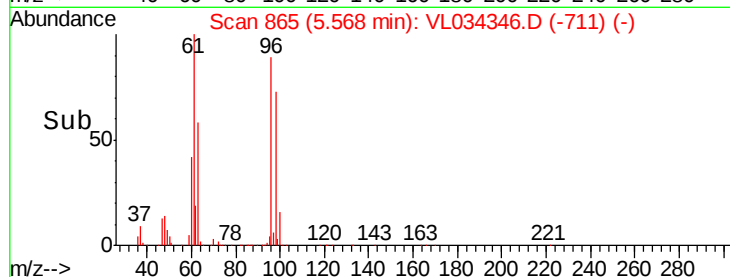
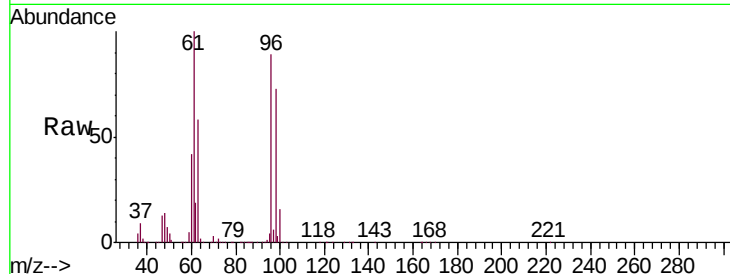
Tgt Ion: 61 Resp: 8545088

Ion Ratio Lower Upper

61 100

96 89.0 47.5 71.3#

98 73.0 28.8 43.2#



#32

1,1,1-Trichloroethane

Concen: 0.042 ppbv

RT: 6.54 min Scan# 1167

Delta R.T. -0.00 min

Lab File: VL034346.D

Acq: 24 Oct 2019 14:59

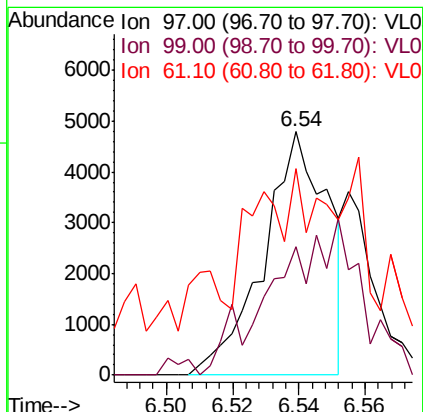
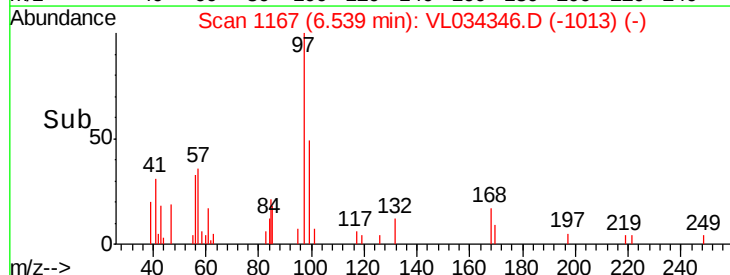
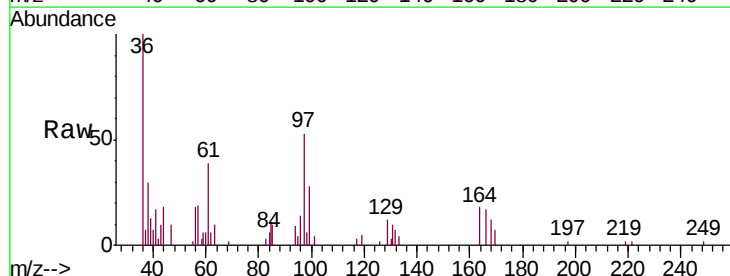
Tgt Ion: 97 Resp: 6468

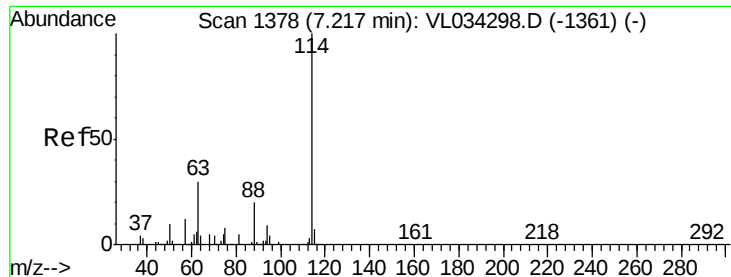
Ion Ratio Lower Upper

97 100

99 0.0 52.6 78.8#

61 0.0 44.5 66.7#

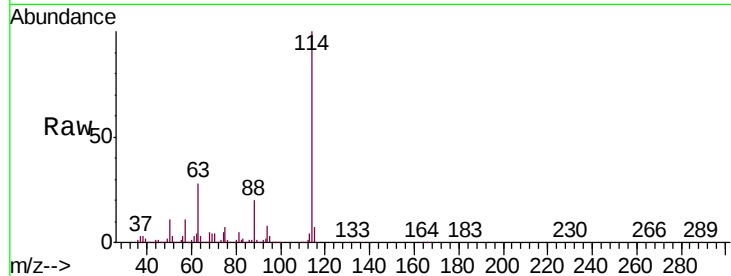




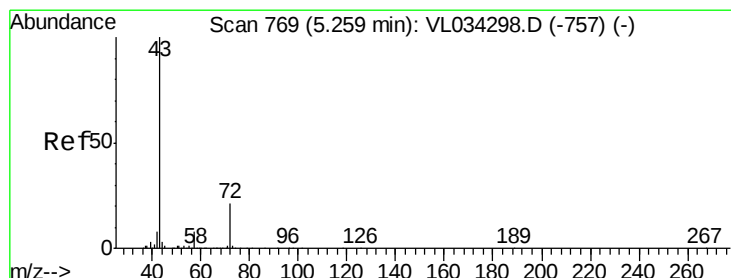
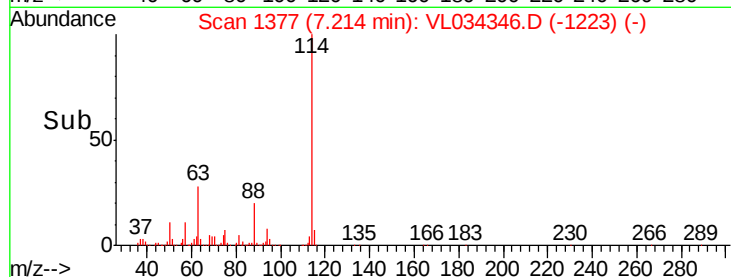
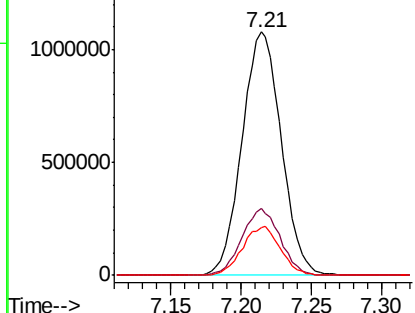
#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 7.21 min Scan# 1377  
 Delta R.T. -0.00 min  
 Lab File: VL034346.D  
 Acq: 24 Oct 2019 14:59

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV5

Tgt Ion:114 Resp: 2100609  
 Ion Ratio Lower Upper  
 114 100  
 63 26.8 25.2 37.8  
 88 19.6 16.0 24.0

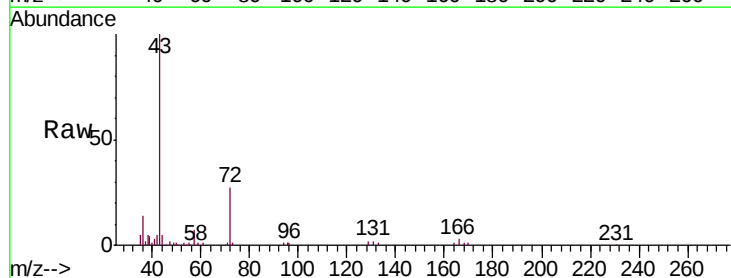


Abundance Ion 114.10 (113.80 to 114.80): VL0  
 Ion 63.10 (62.80 to 63.80): VL0  
 Ion 88.10 (87.80 to 88.80): VL0

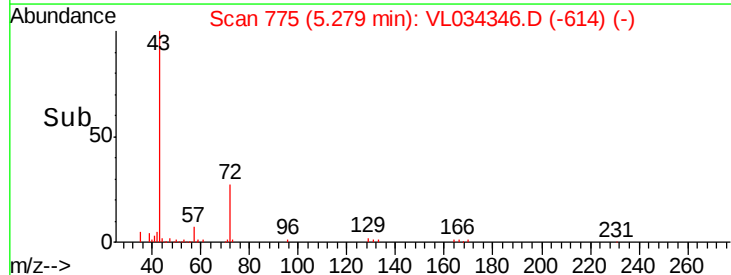
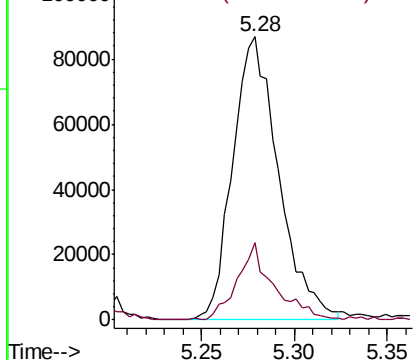


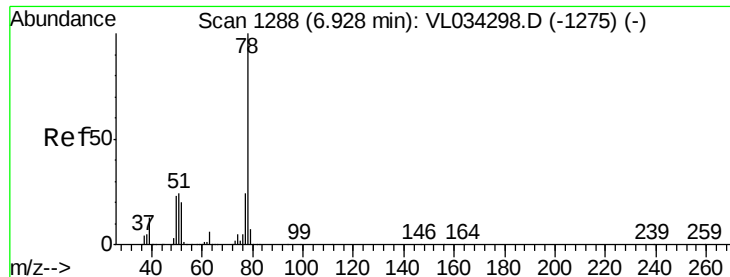
#34  
 2-Butanone  
 Concen: 0.867 ppbv  
 RT: 5.28 min Scan# 775  
 Delta R.T. 0.02 min  
 Lab File: VL034346.D  
 Acq: 24 Oct 2019 14:59

Tgt Ion: 43 Resp: 148937  
 Ion Ratio Lower Upper  
 43 100  
 72 22.7 16.3 24.5



Abundance Ion 43.10 (42.80 to 43.80): VL0  
 Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 1.067 ppbv

RT: 6.93 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VL034346.D

Acq: 24 Oct 2019 14:59

Instrument :

MSVOA\_L

ClientSampled :

SV5

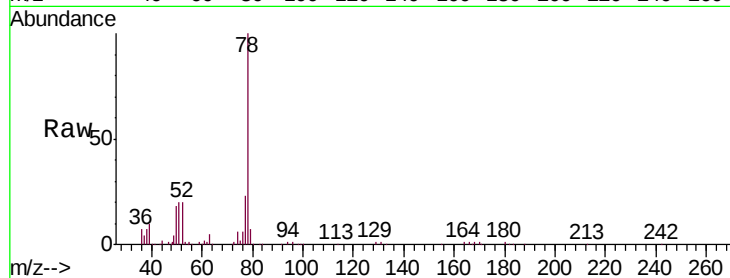
Tgt Ion: 78 Resp: 215031

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4

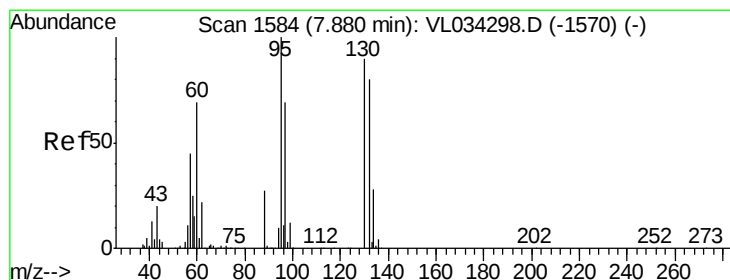
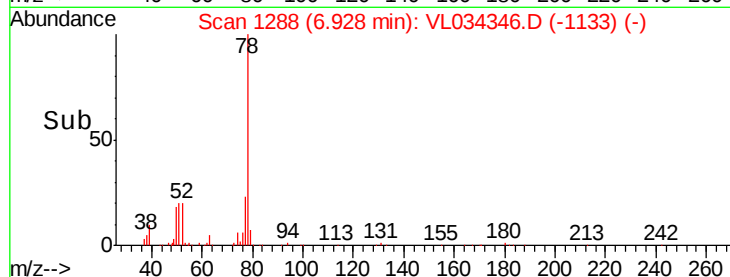
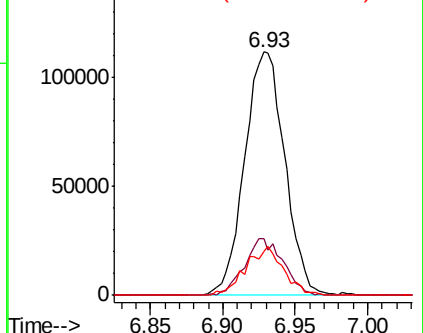
50 18.0 18.6 27.8#



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#38

Trichloroethene

Concen: 105.957 ppbv

RT: 7.89 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VL034346.D

Acq: 24 Oct 2019 14:59

Tgt Ion: 130 Resp: 8569532

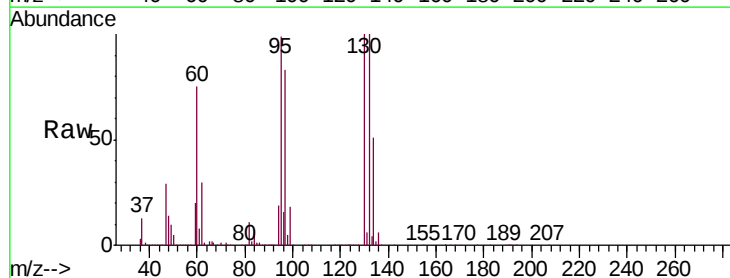
Ion Ratio Lower Upper

130 100

95 99.3 88.6 132.8

132 100.5 71.2 106.8

97 83.2 61.0 91.4

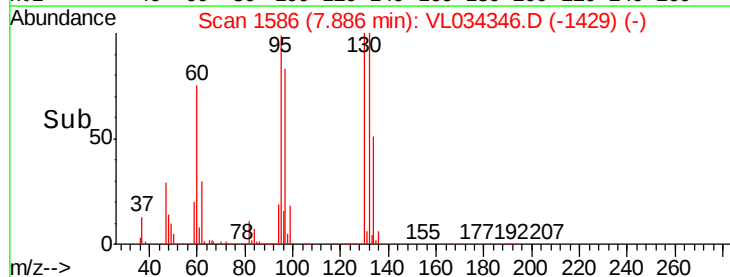
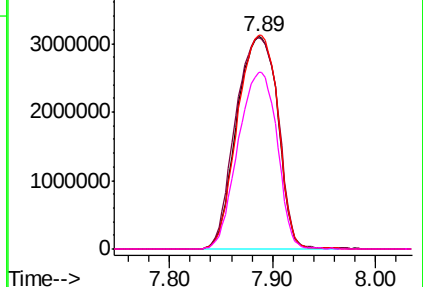


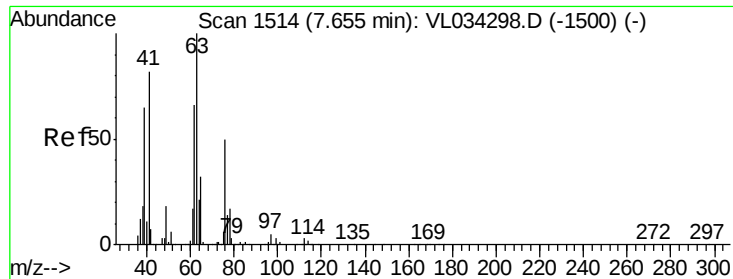
Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0

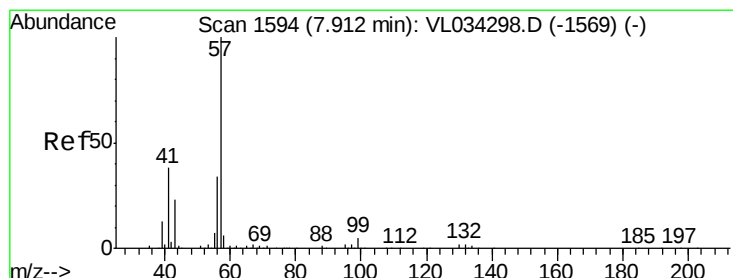
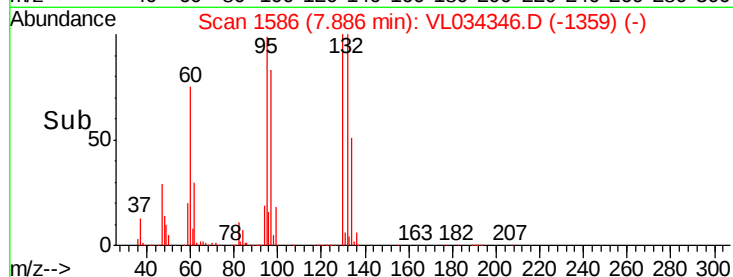
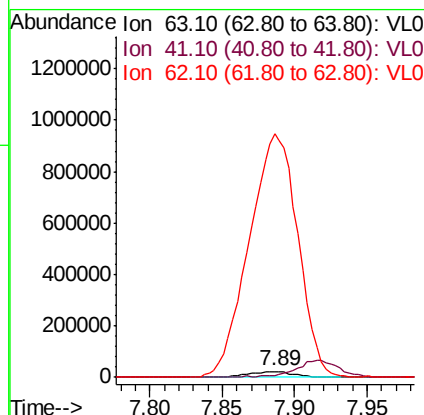
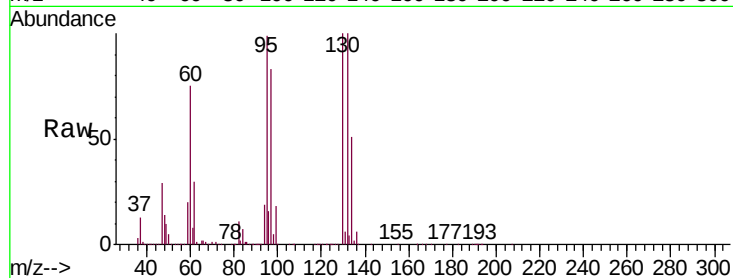




#39  
 1,2-Dichloropropane  
 Concen: 0.591 ppbv  
 RT: 7.89 min Scan# 1586  
 Delta R.T. 0.23 min  
 Lab File: VL034346.D  
 Acq: 24 Oct 2019 14:59

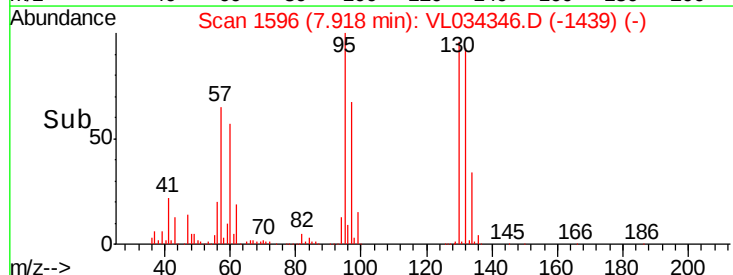
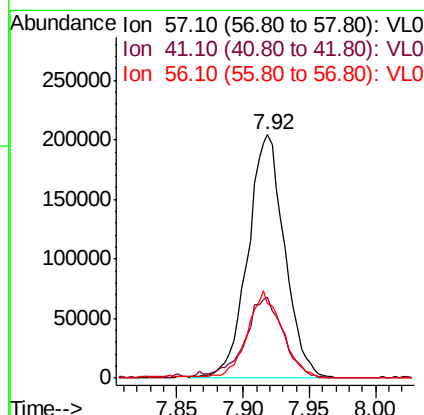
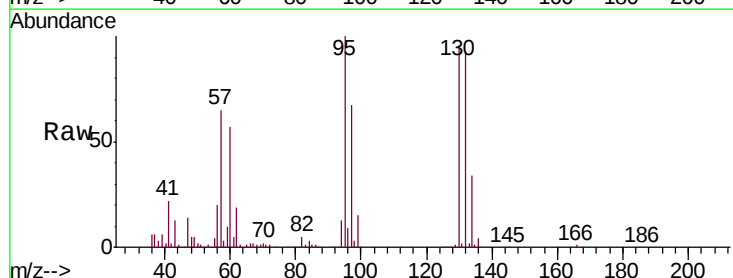
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV5

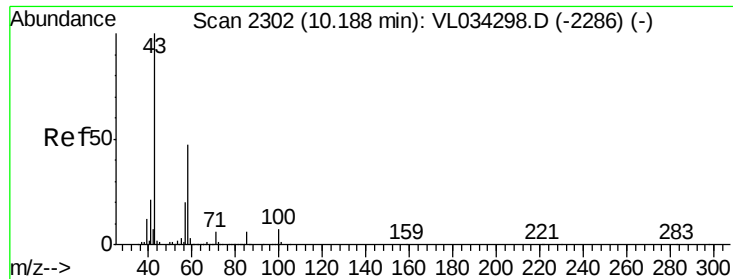
Tgt Ion: 63 Resp: 51293  
 Ion Ratio Lower Upper  
 63 100  
 41 30.7 65.6 98.4#  
 62 4216.6 53.0 79.6#



#44  
 2,2,4-Trimethylpentane  
 Concen: 1.044 ppbv  
 RT: 7.92 min Scan# 1596  
 Delta R.T. 0.01 min  
 Lab File: VL034346.D  
 Acq: 24 Oct 2019 14:59

Tgt Ion: 57 Resp: 389602  
 Ion Ratio Lower Upper  
 57 100  
 41 36.7 29.3 43.9  
 56 35.4 25.3 37.9

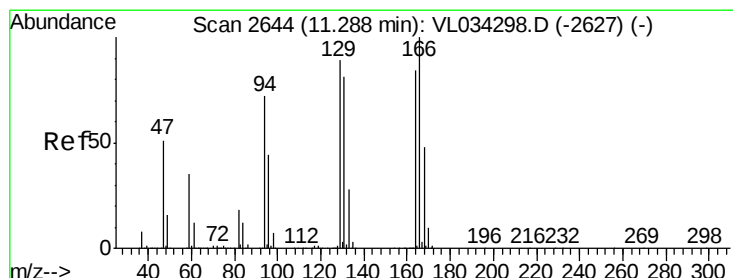
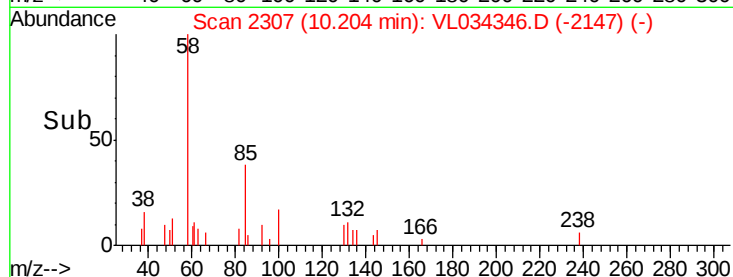
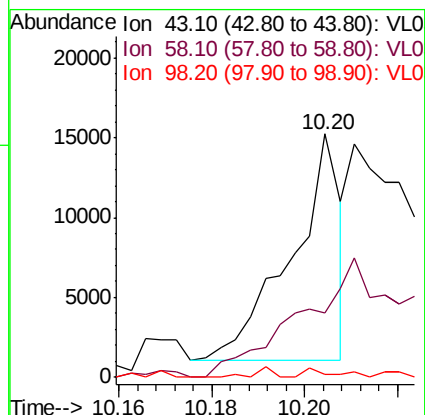
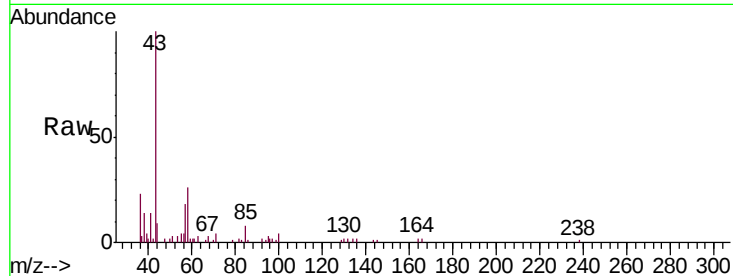




#51  
2-Hexanone  
Concen: 0.051 ppbv  
RT: 10.20 min Scan# 2307  
Delta R.T. 0.02 min  
Lab File: VL034346.D  
Acq: 24 Oct 2019 14:59

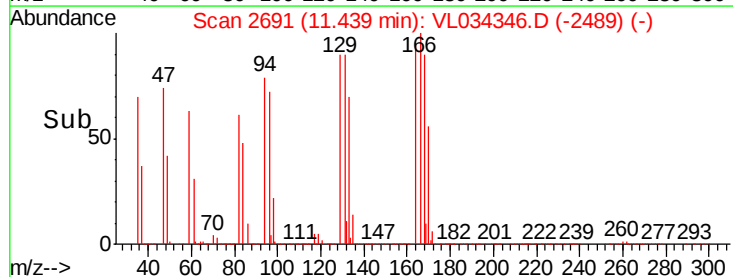
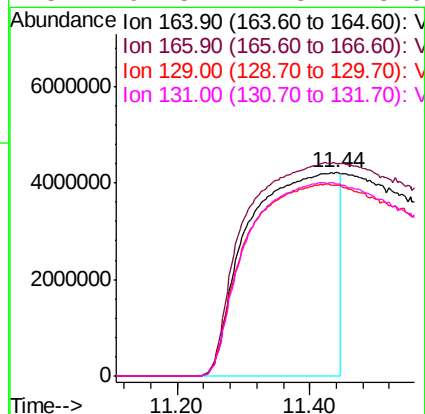
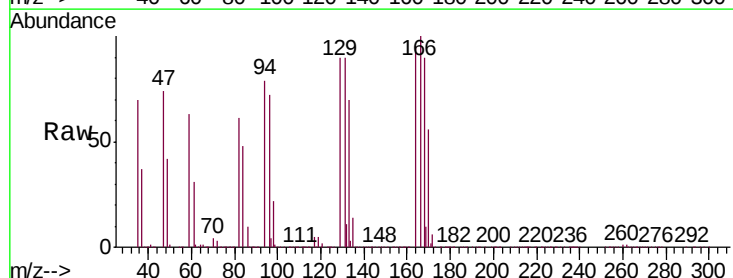
Instrument :  
MSVOA\_L  
ClientSampled :  
SV5

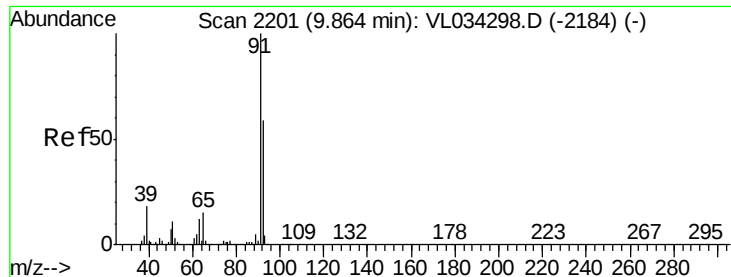
Tgt Ion: 43 Resp: 10365  
Ion Ratio Lower Upper  
43 100  
58 0.0 37.0 55.6#  
98 3.9 0.2 0.2#



#52  
Tetrachloroethene  
Concen: 490.929 ppbv  
RT: 11.44 min Scan# 2691  
Delta R.T. 0.15 min  
Lab File: VL034346.D  
Acq: 24 Oct 2019 14:59

Tgt Ion: 164 Resp: 38784116  
Ion Ratio Lower Upper  
164 100  
166 104.7 95.3 142.9  
129 93.9 84.5 126.7  
131 94.5 77.3 115.9





#53

Toluene

Concen: 0.443 ppbv

RT: 9.86 min Scan# 2201

Delta R.T. -0.00 min

Lab File: VL034346.D

Acq: 24 Oct 2019 14:59

Instrument :

MSVOA\_L

ClientSampled :

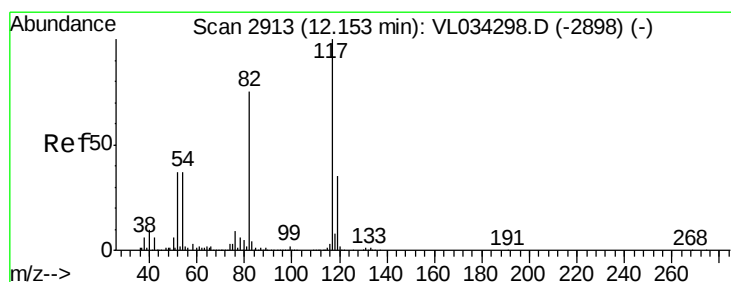
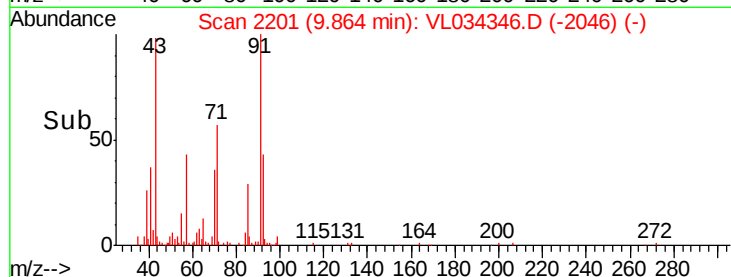
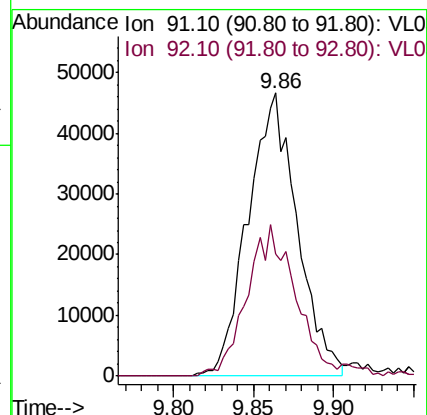
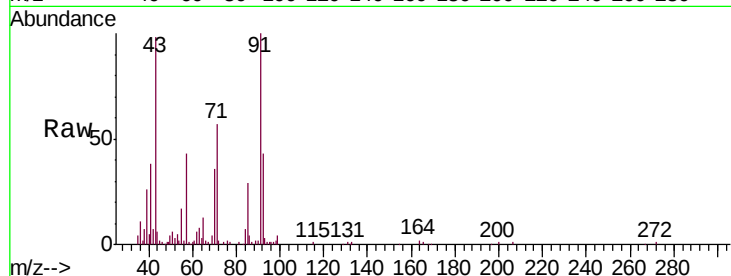
SV5

Tgt Ion: 91 Resp: 98463

Ion Ratio Lower Upper

91 100

92 54.3 48.4 72.6



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2941

Delta R.T. 0.09 min

Lab File: VL034346.D

Acq: 24 Oct 2019 14:59

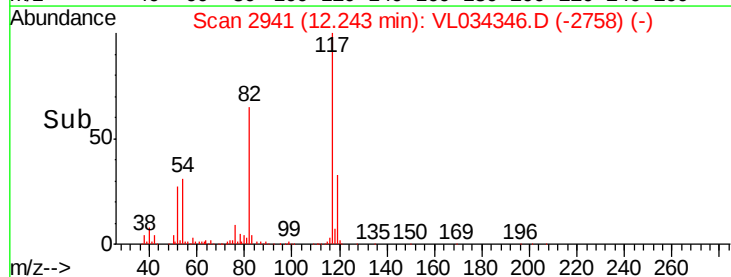
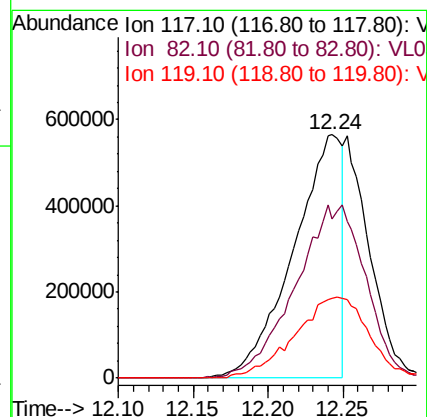
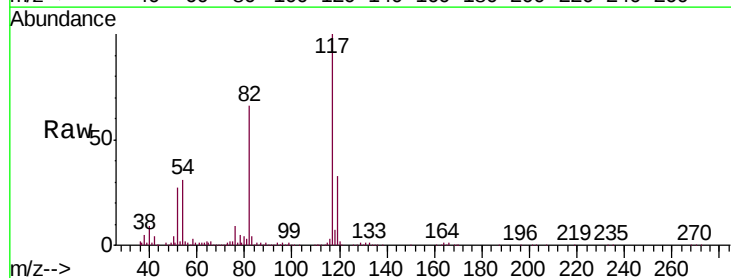
Tgt Ion: 117 Resp: 1271633

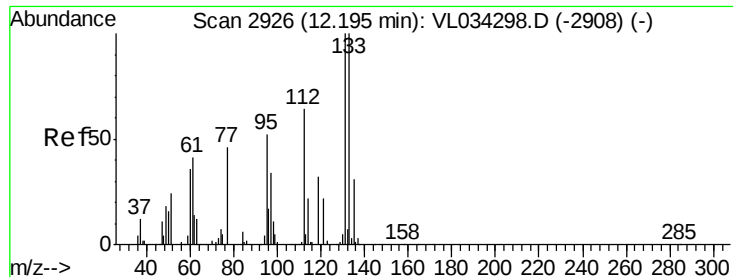
Ion Ratio Lower Upper

117 100

82 102.9 55.5 83.3#

119 50.9 26.5 39.7#

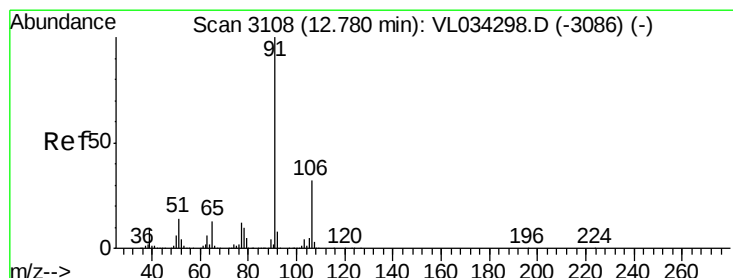
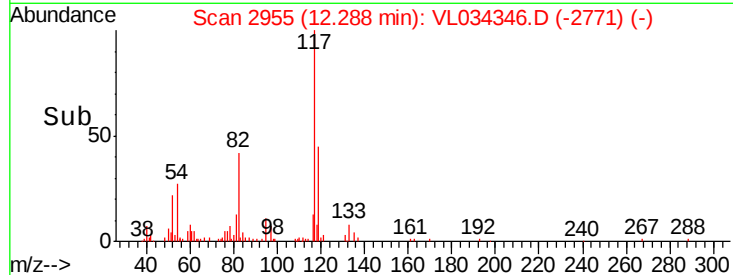
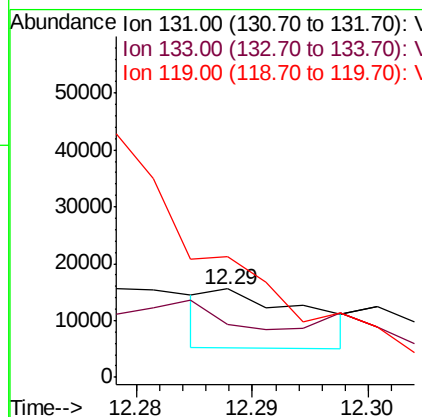
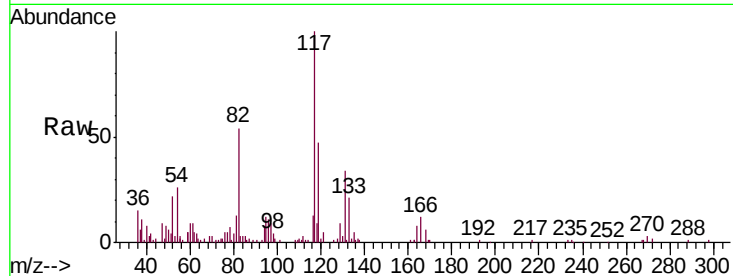




#56  
 1,1,1,2-Tetrachloroethane  
 Concen: 0.102 ppbv  
 RT: 12.29 min Scan# 2955  
 Delta R.T. 0.09 min  
 Lab File: VL034346.D  
 Acq: 24 Oct 2019 14:59

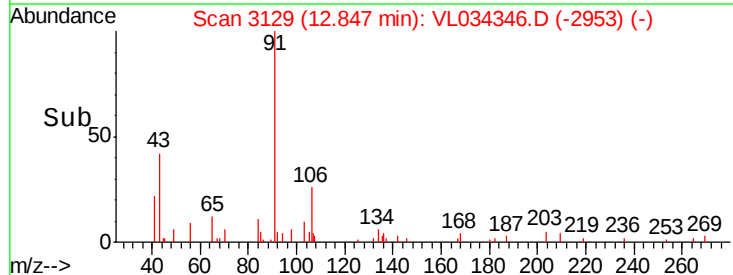
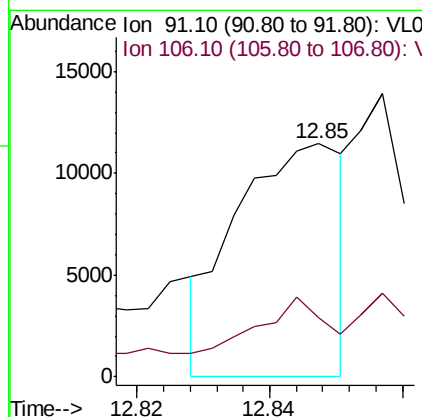
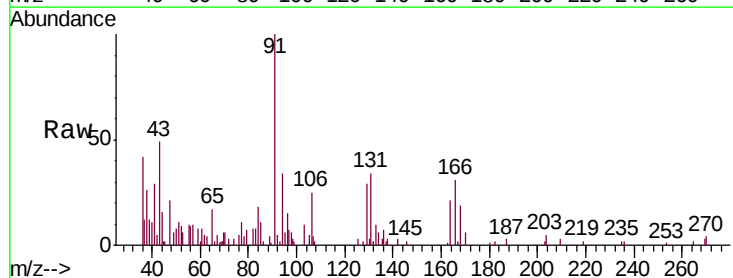
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV5

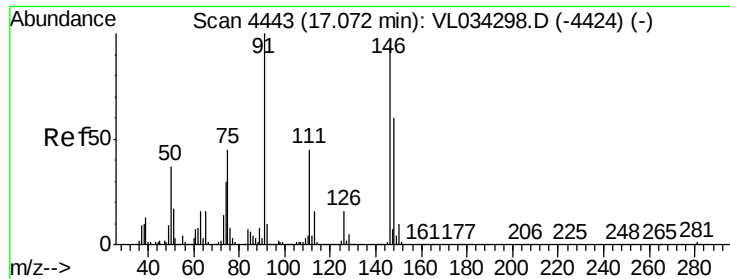
Tgt Ion: 131 Resp: 6001  
 Ion Ratio Lower Upper  
 131 100  
 133 682.0 77.1 115.7#  
 119 0.0 49.0 73.4#



#58  
 Ethyl Benzene  
 Concen: 0.072 ppbv  
 RT: 12.85 min Scan# 3129  
 Delta R.T. 0.07 min  
 Lab File: VL034346.D  
 Acq: 24 Oct 2019 14:59

Tgt Ion: 91 Resp: 12783  
 Ion Ratio Lower Upper  
 91 100  
 106 33.9 25.3 37.9

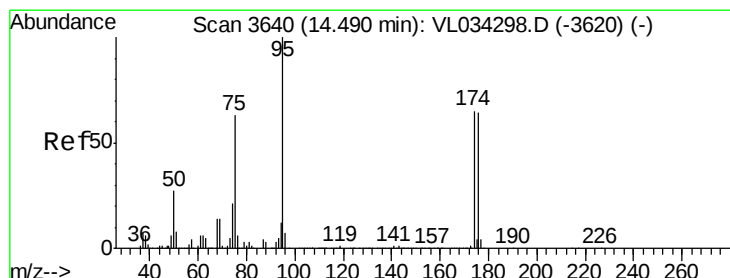
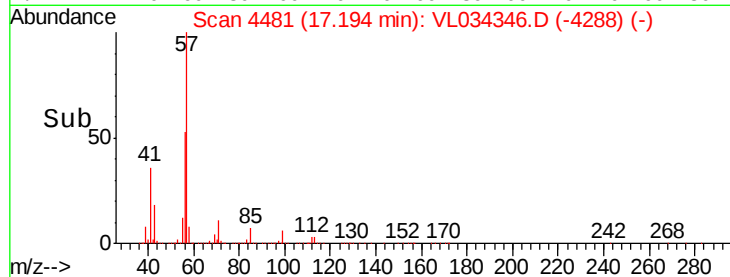
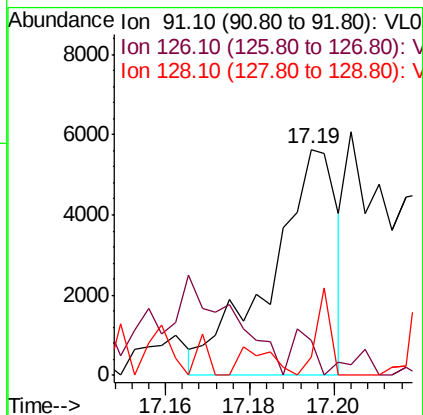
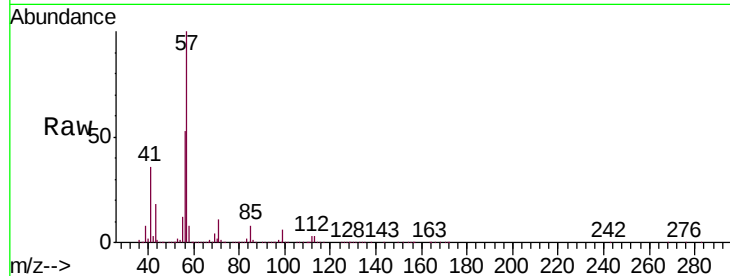




#66  
Benzyl Chloride  
Concen: 0.086 ppbv  
RT: 17.19 min Scan# 4481  
Delta R.T. 0.12 min  
Lab File: VL034346.D  
Acq: 24 Oct 2019 14:59

Instrument :  
MSVOA\_L  
ClientSampleId :  
SV5

Tgt Ion: 91 Resp: 6120  
Ion Ratio Lower Upper  
91 100  
126 0.0 12.9 19.3#  
128 0.0 4.3 6.5#



#68  
1-Bromo-4-Fluorobenzene  
Concen: 14.082 ppbv  
RT: 14.54 min Scan# 3655  
Delta R.T. 0.05 min  
Lab File: VL034346.D  
Acq: 24 Oct 2019 14:59

Tgt Ion: 95 Resp: 1516631  
Ion Ratio Lower Upper  
95 100  
174 71.4 52.6 78.8  
175 5.1 3.8 5.6

