

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU091019\  
 Data File : VU034456.D  
 Acq On : 10 Sep 2019 17:07  
 Operator : JC/SP  
 Sample : K4603-20  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PAR-D4-(3.11)

Quant Time: Sep 11 05:56:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U090619W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 06 05:10:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.96  | 168  | 223103   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.87  | 114  | 355934   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.07  | 117  | 365798   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 187160   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.29  | 65   | 194061   | 57.49 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 114.98% |          |
| 35) Dibromofluoromethane    | 4.86  | 113  | 167546   | 50.59 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.18% |          |
| 50) Toluene-d8              | 7.55  | 98   | 566969   | 45.56 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.12%  |          |
| 62) 4-Bromofluorobenzene    | 10.29 | 95   | 189790   | 39.50 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 79.00%  |          |

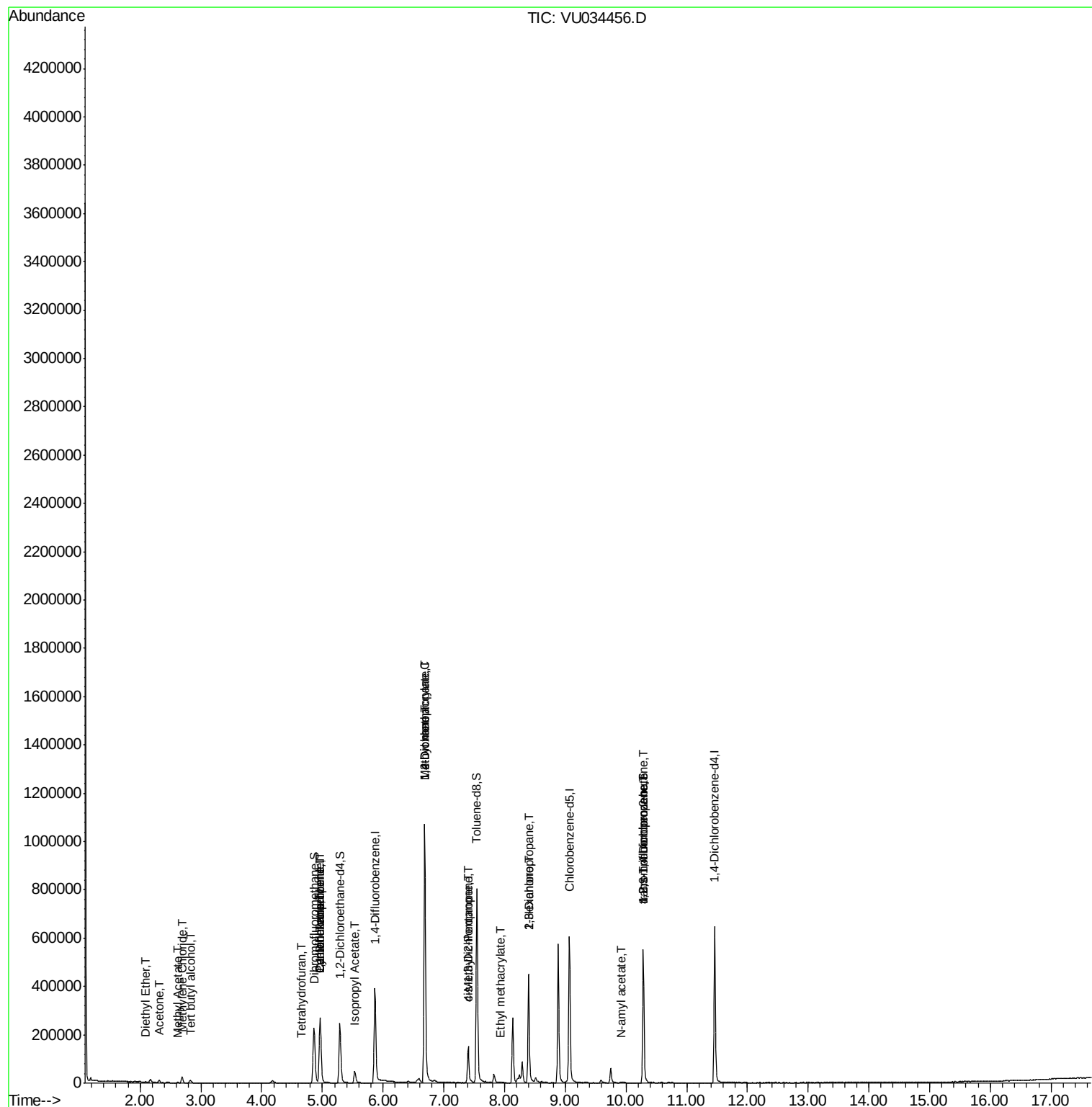
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 1.64  | 94   | 494      | Below Cal | #      | 34     |
| 6) Chloroethane                | 1.70  | 64   | 161      | Below Cal | #      | 43     |
| 8) Diethyl Ether               | 2.10  | 74   | 443      | 0.258     | ug/l   | 61     |
| 11) Tert butyl alcohol         | 2.83  | 59   | 7362     | 10.323    | ug/l # | 73     |
| 16) Acetone                    | 2.31  | 43   | 11437    | 6.547     | ug/l   | 96     |
| 18) Methyl Acetate             | 2.61  | 43   | 3549     | 0.835     | ug/l # | 88     |
| 20) Methylene Chloride         | 2.69  | 84   | 11829    | 3.765     | ug/l   | 98     |
| 29) Tetrahydrofuran            | 4.65  | 42   | 306      | 0.216     | ug/l # | 32     |
| 31) Cyclohexane                | 4.96  | 56   | 3837     | 0.970     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 4.96  | 75   | 16298    | 4.222     | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 4.96  | 117  | 19490    | 4.729     | ug/l # | 17     |
| 43) Isopropyl Acetate          | 5.53  | 43   | 57626    | 8.094     | ug/l   | 99     |
| 45) 1,2-Dichloropropane        | 6.68  | 63   | 1184     | 0.325     | ug/l # | 44     |
| 48) Methyl methacrylate        | 6.69  | 41   | 94212    | 27.861    | ug/l # | 37     |
| 49) 1,4-Dioxane                | 6.69  | 88   | 179      | 2.424     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 7.40  | 43   | 51962    | 10.544    | ug/l # | 47     |
| 54) cis-1,3-Dichloropropene    | 7.40  | 75   | 27488    | 5.135     | ug/l # | 66     |
| 56) Ethyl methacrylate         | 7.93  | 69   | 94       | 3.093     | ug/l # | 28     |
| 57) 1,3-Dichloropropane        | 8.40  | 76   | 4731     | 0.819     | ug/l # | 43     |
| 59) 2-Hexanone                 | 8.40  | 43   | 61407    | 16.679    | ug/l # | 54     |
| 74) N-amyl acetate             | 9.92  | 43   | 2129     | 0.434     | ug/l # | 42     |
| 76) 1,2,3-Trichloropropane     | 10.29 | 75   | 89609    | 21.934    | ug/l # | 36     |
| 81) trans-1,4-Dichloro-2-buten | 10.29 | 75   | 89609    | 73.763    | ug/l # | 100    |

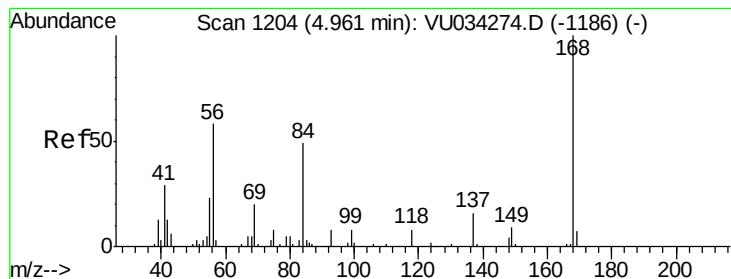
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Sep 06 05:10:13 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034456.D

Acq: 10 Sep 2019 17:07

Instrument :

MSVOA\_U

ClientSampleId :

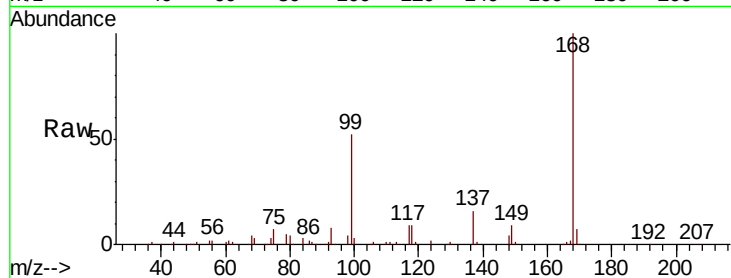
PAR-D4-(3.11)

Tgt Ion:168 Resp: 223103

Ion Ratio Lower Upper

168 100

99 52.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

100000

80000

60000

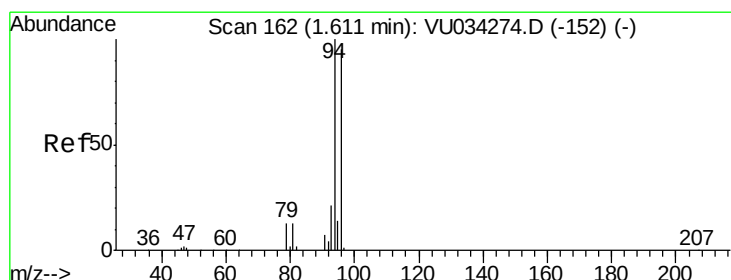
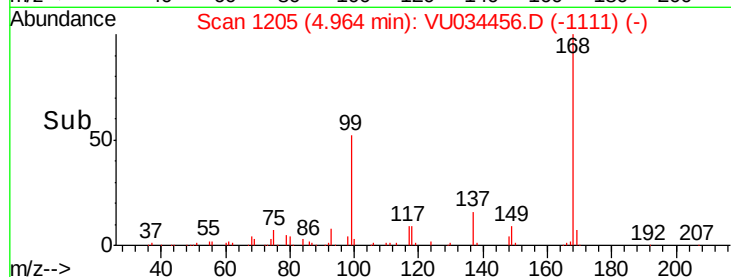
40000

20000

0

4.90 5.00 5.10

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 170

Delta R.T. 0.03 min

Lab File: VU034456.D

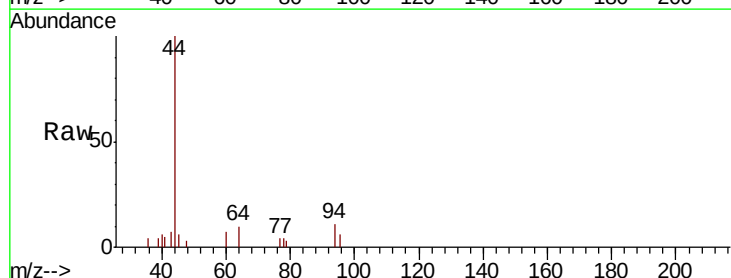
Acq: 10 Sep 2019 17:07

Tgt Ion: 94 Resp: 494

Ion Ratio Lower Upper

94 100

96 30.7 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VU034274.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VU034274.D (-152) (-)

1.64

400

300

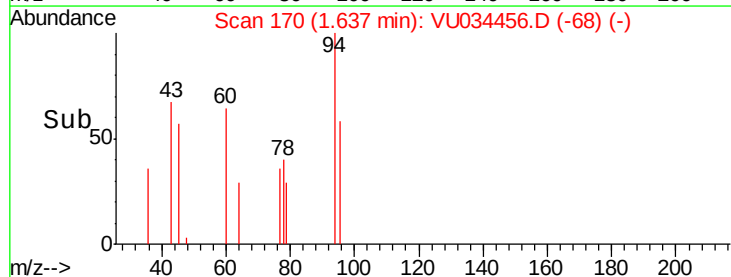
200

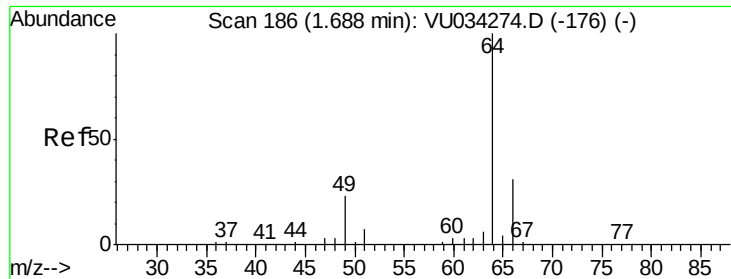
100

0

1.60 1.62 1.64 1.66

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 191

Delta R.T. 0.02 min

Lab File: VU034456.D

Acq: 10 Sep 2019 17:07

Instrument :

MSVOA\_U

ClientSampleId :

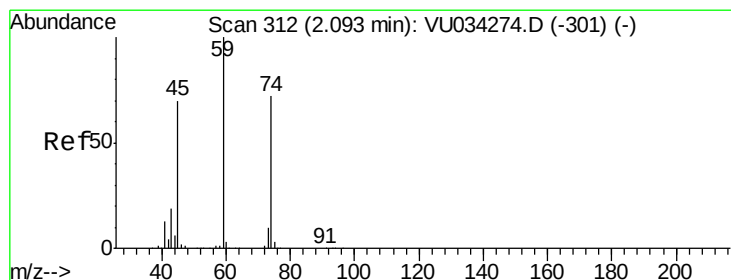
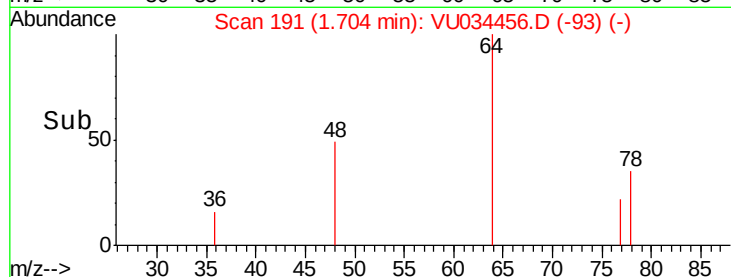
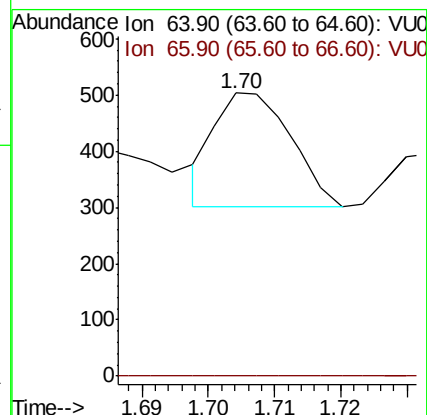
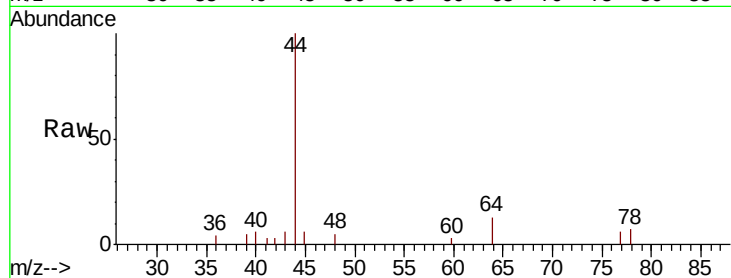
PAR-D4-(3.11)

Tgt Ion: 64 Resp: 161

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



#8

Diethyl Ether

Concen: 0.258 ug/l

RT: 2.10 min Scan# 314

Delta R.T. 0.01 min

Lab File: VU034456.D

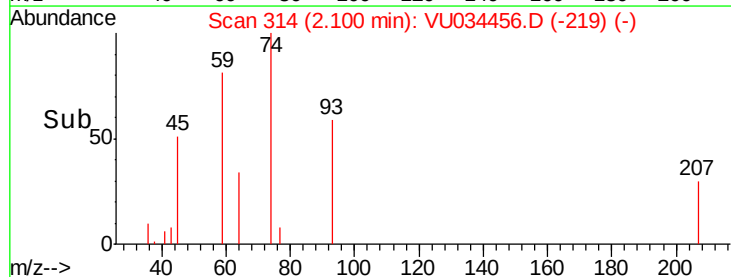
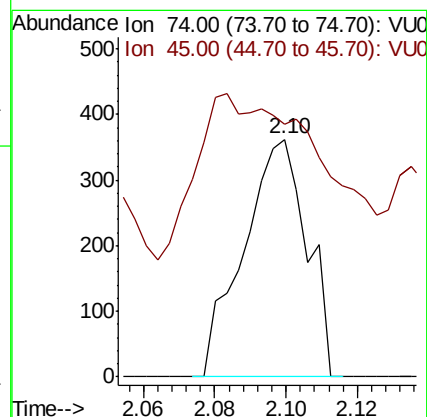
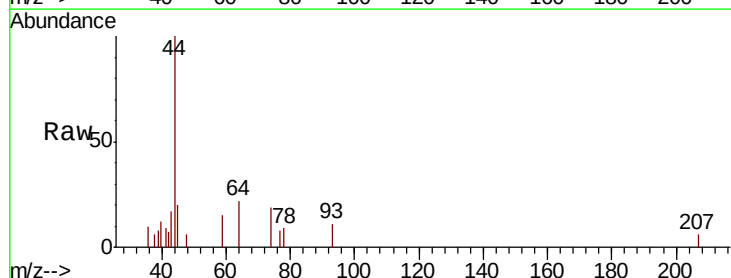
Acq: 10 Sep 2019 17:07

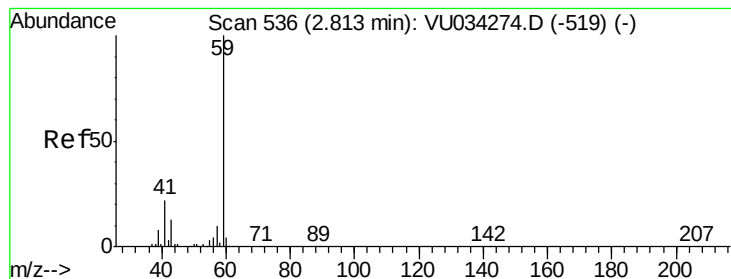
Tgt Ion: 74 Resp: 443

Ion Ratio Lower Upper

74 100

45 134.8 48.2 144.6





#11

Tert butyl alcohol

Concen: 10.323 ug/l

RT: 2.83 min Scan# 540

Delta R.T. 0.01 min

Lab File: VU034456.D

Acq: 10 Sep 2019 17:07

Instrument :

MSVOA\_U

ClientSampleId :

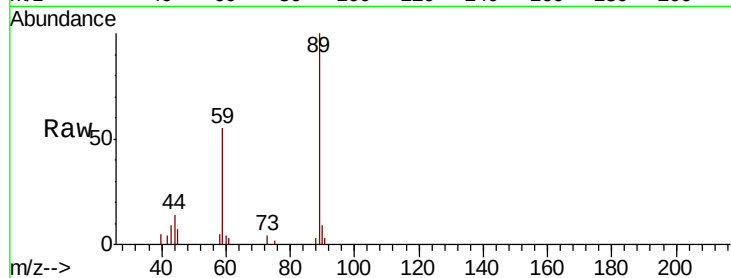
PAR-D4-(3.11)

Tgt Ion: 59 Resp: 7362

Ion Ratio Lower Upper

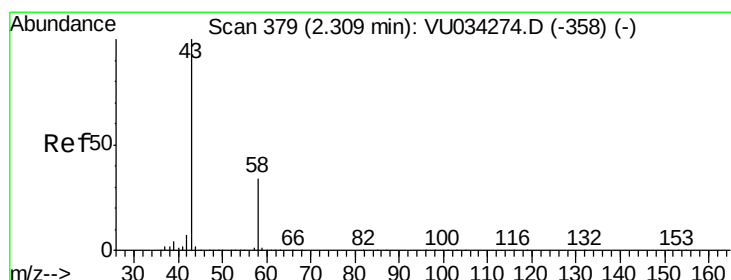
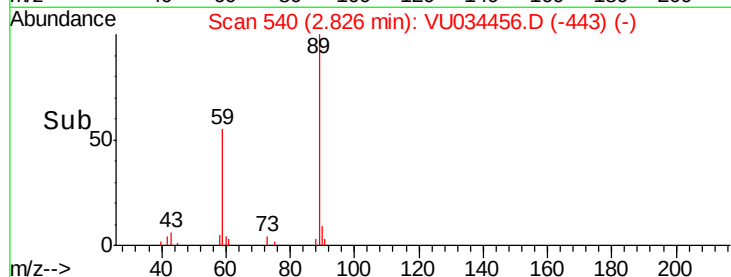
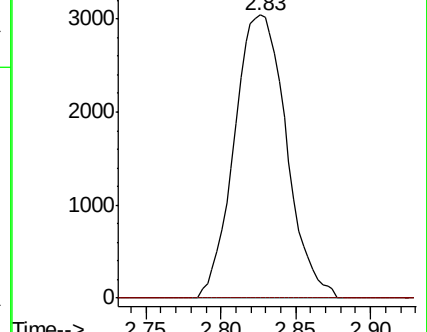
59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU034456.D (-519) (-)

Ion 57.00 (56.70 to 57.70): VU034456.D (-519) (-)



#16

Acetone

Concen: 6.547 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034456.D

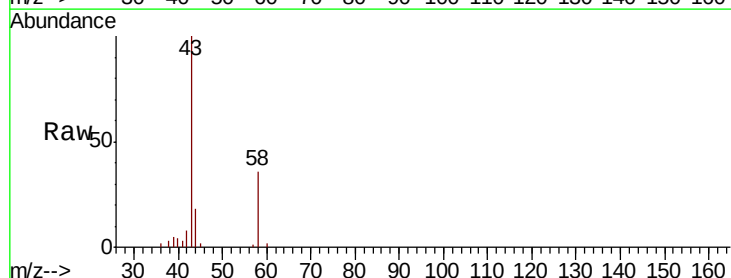
Acq: 10 Sep 2019 17:07

Tgt Ion: 43 Resp: 11437

Ion Ratio Lower Upper

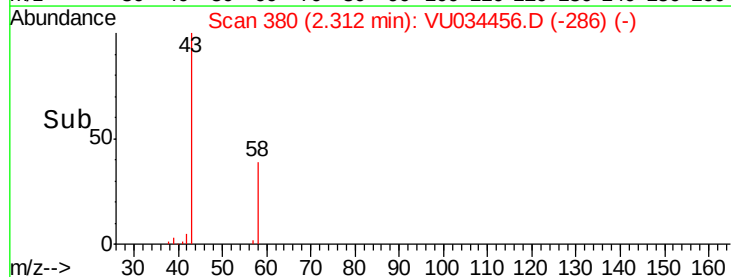
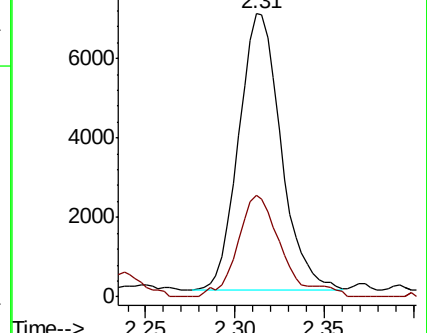
43 100

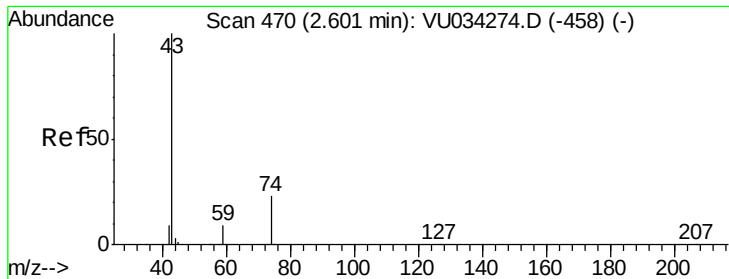
58 37.0 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034456.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034456.D (-286) (-)

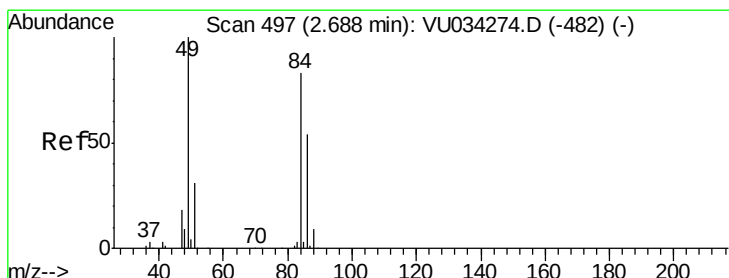
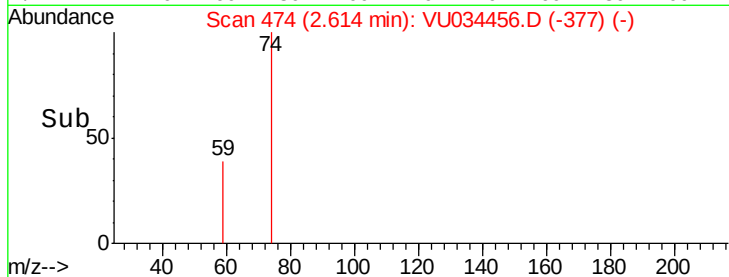
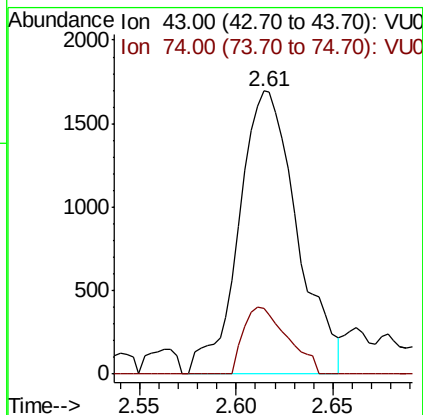
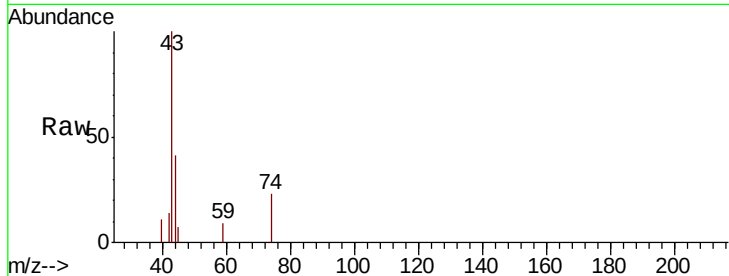




#18  
Methyl Acetate  
Concen: 0.835 ug/l  
RT: 2.61 min Scan# 474  
Delta R.T. 0.01 min  
Lab File: VU034456.D  
Acq: 10 Sep 2019 17:07

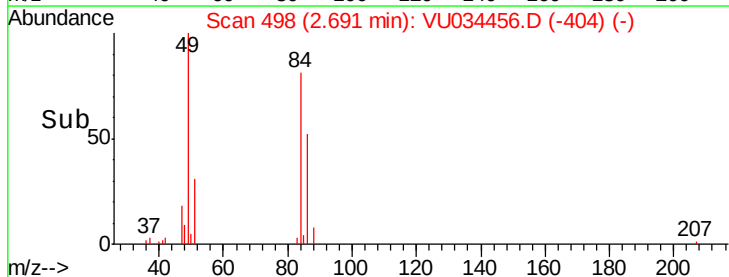
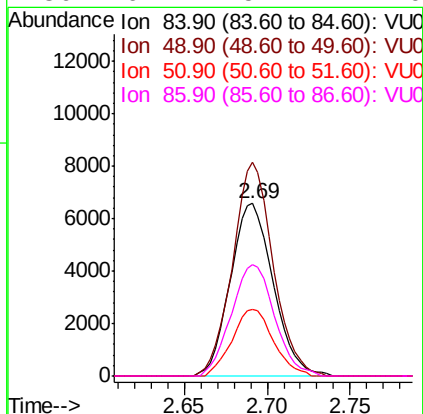
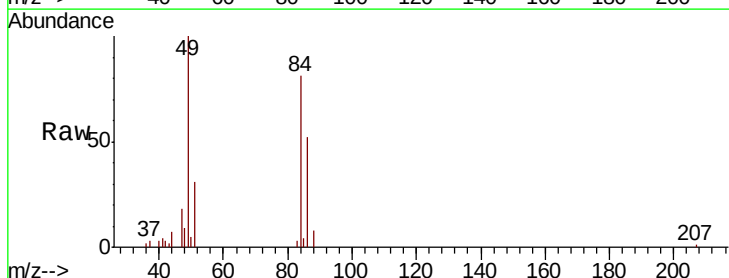
Instrument :  
MSVOA\_U  
ClientSampleId :  
PAR-D4-(3.11)

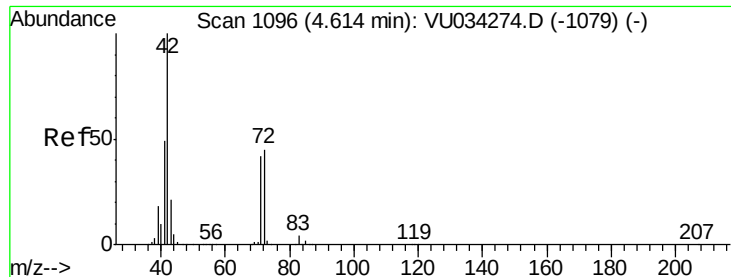
Tgt Ion: 43 Resp: 3549  
Ion Ratio Lower Upper  
43 100  
74 17.8 18.9 28.3#



#20  
Methylene Chloride  
Concen: 3.765 ug/l  
RT: 2.69 min Scan# 498  
Delta R.T. 0.00 min  
Lab File: VU034456.D  
Acq: 10 Sep 2019 17:07

Tgt Ion: 84 Resp: 11829  
Ion Ratio Lower Upper  
84 100  
49 123.7 96.0 144.0  
51 38.8 30.0 45.0  
86 64.7 51.4 77.0





#29

Tetrahydrofuran

Concen: 0.216 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. 0.03 min

Lab File: VU034456.D

Acq: 10 Sep 2019 17:07

Instrument :

MSVOA\_U

ClientSampleId :

PAR-D4-(3.11)

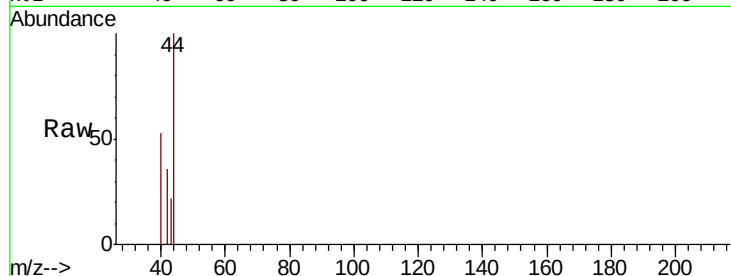
Tgt Ion: 42 Resp: 306

Ion Ratio Lower Upper

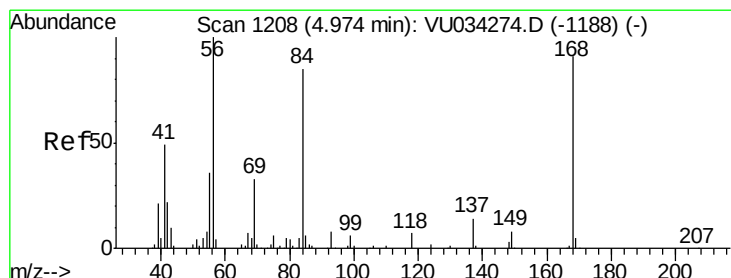
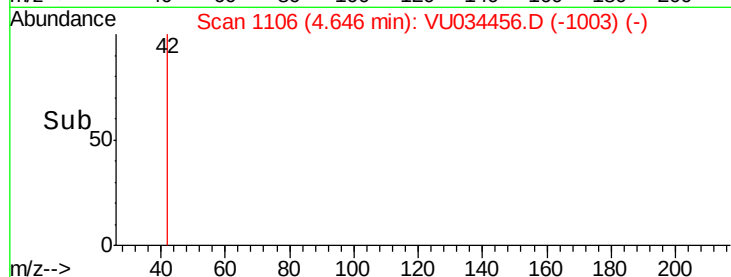
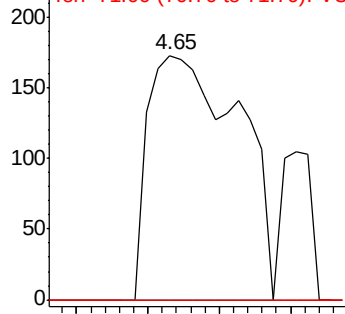
42 100

72 0.0 36.6 54.8#

71 0.0 34.3 51.5#



Abundance Ion 42.00 (41.70 to 42.70): VU034274.D (-1079) (-)



#31

Cyclohexane

Concen: 0.970 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.01 min

Lab File: VU034456.D

Acq: 10 Sep 2019 17:07

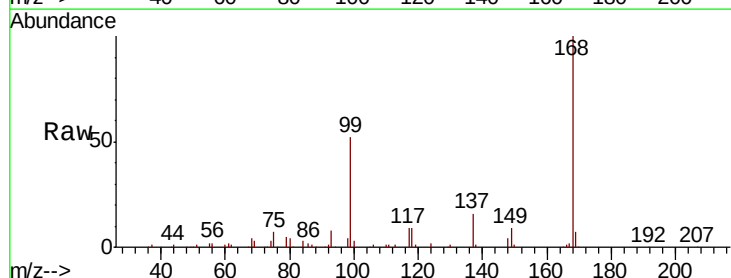
Tgt Ion: 56 Resp: 3837

Ion Ratio Lower Upper

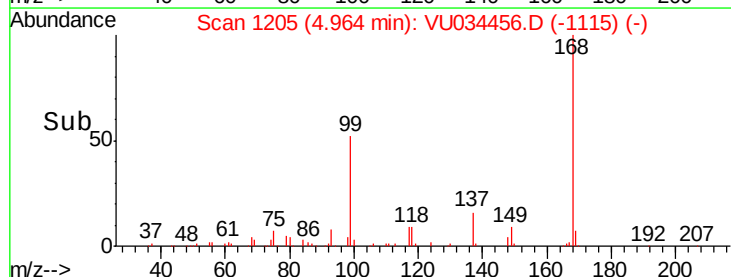
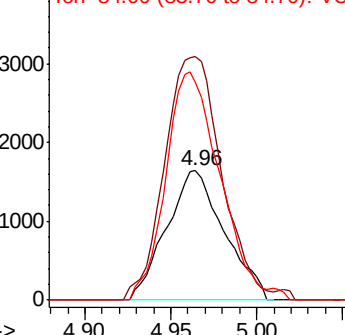
56 100

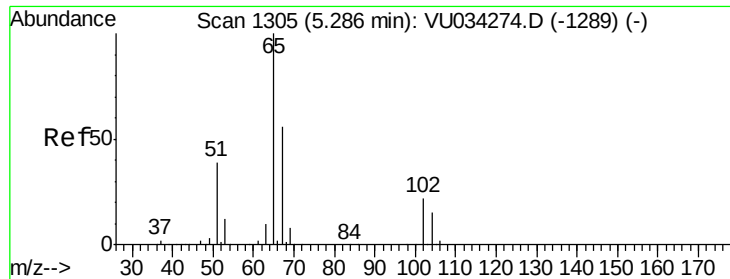
69 187.8 26.7 40.1#

84 168.3 68.2 102.4#



Abundance Ion 56.00 (55.70 to 56.70): VU034274.D (-1188) (-)

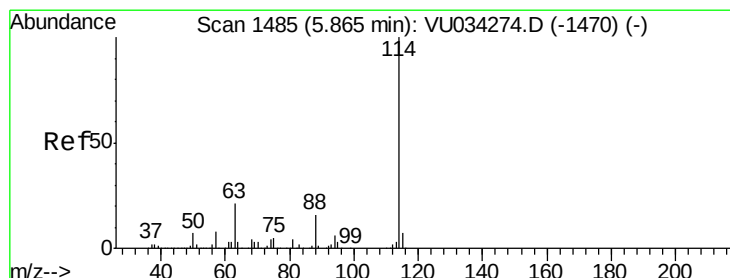
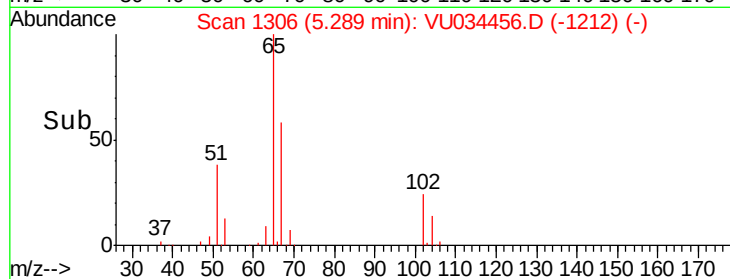
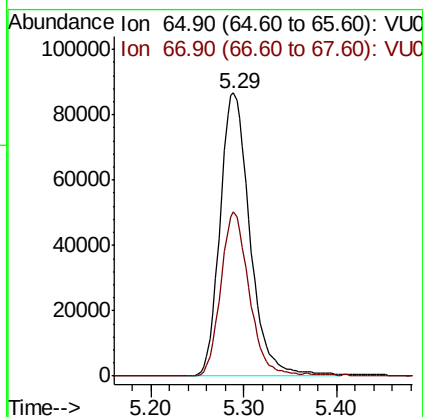
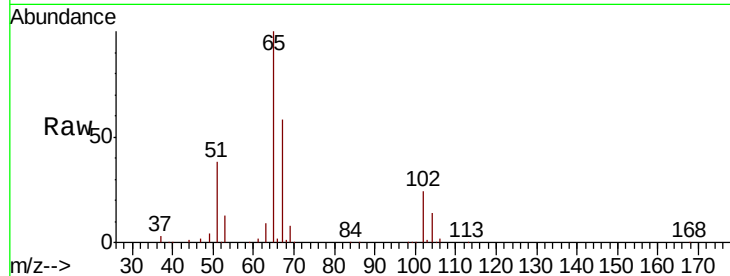




#33  
 1,2-Dichloroethane-d4  
 Concen: 57.489 ug/l  
 RT: 5.29 min Scan# 1306  
 Delta R.T. 0.00 min  
 Lab File: VU034456.D  
 Acq: 10 Sep 2019 17:07

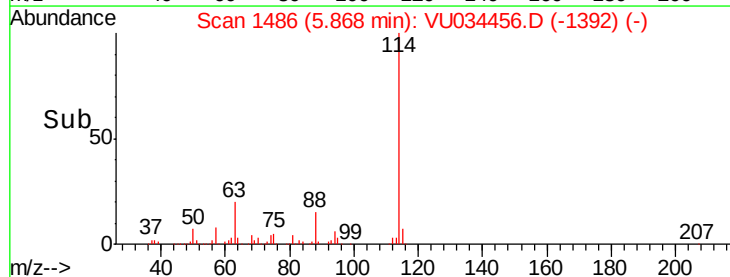
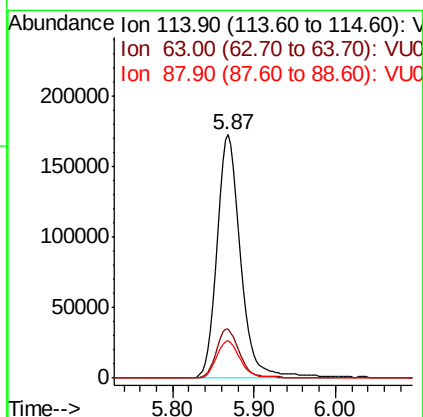
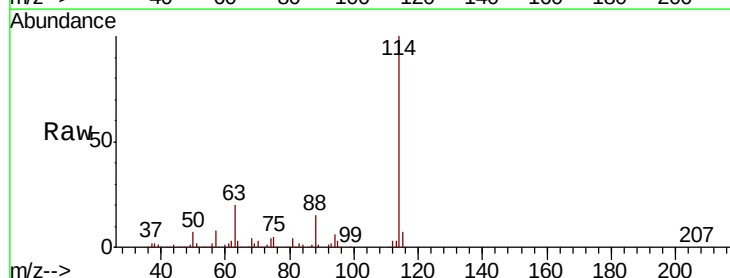
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PAR-D4-(3.11)

Tgt Ion: 65 Resp: 194061  
 Ion Ratio Lower Upper  
 65 100  
 67 55.1 0.0 112.4

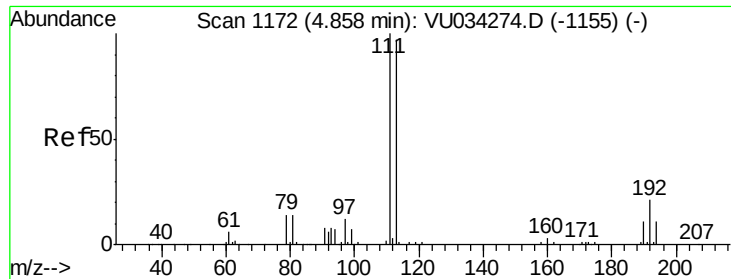


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.87 min Scan# 1486  
 Delta R.T. 0.00 min  
 Lab File: VU034456.D  
 Acq: 10 Sep 2019 17:07

Tgt Ion: 114 Resp: 355934  
 Ion Ratio Lower Upper  
 114 100  
 63 19.9 0.0 42.4  
 88 15.3 0.0 32.4



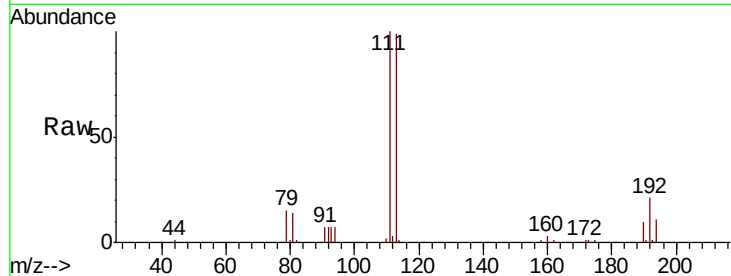




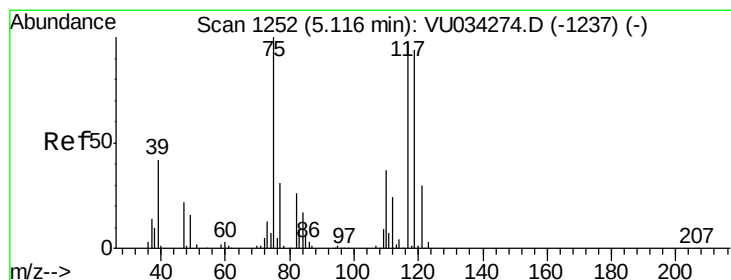
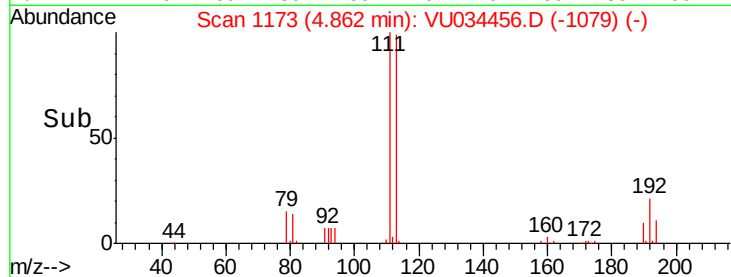
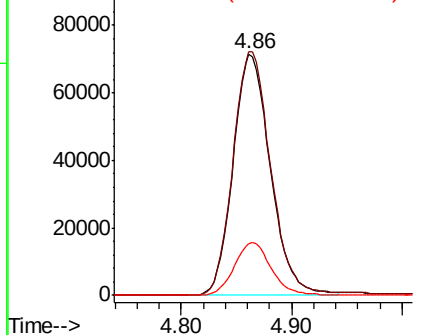
#35  
 Dibromofluoromethane  
 Concen: 50.588 ug/l  
 RT: 4.86 min Scan# 1173  
 Delta R.T. 0.00 min  
 Lab File: VU034456.D  
 Acq: 10 Sep 2019 17:07

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PAR-D4-(3.11)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.1 | 81.5  | 122.3 |
| 192     | 21.5  | 17.8  | 26.8  |

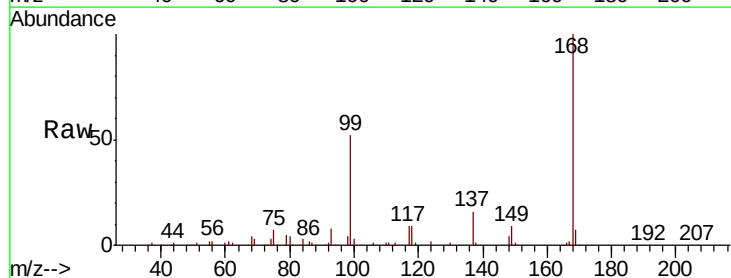


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

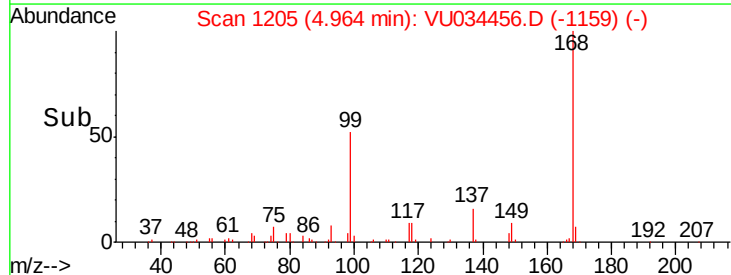
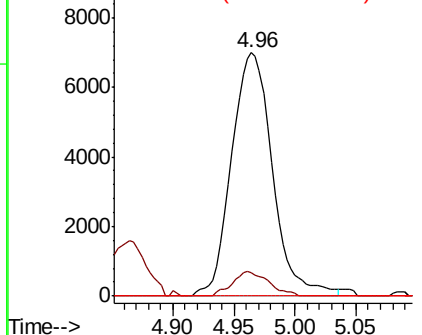


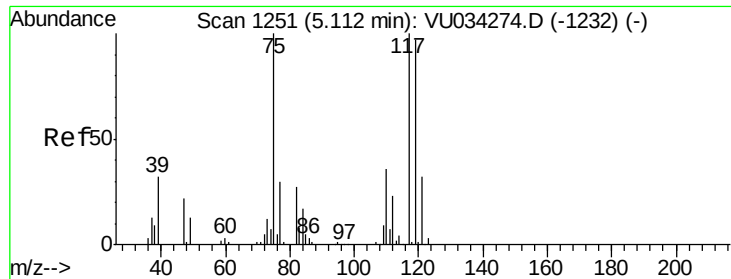
#36  
 1,1-Dichloropropene  
 Concen: 4.222 ug/l  
 RT: 4.96 min Scan# 1205  
 Delta R.T. -0.15 min  
 Lab File: VU034456.D  
 Acq: 10 Sep 2019 17:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 9.0   | 18.3  | 54.9# |
| 77      | 0.0   | 24.9  | 37.3# |



Abundance Ion 74.90 (74.60 to 75.60): VU0  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 4.729 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.15 min

Lab File: VU034456.D

Acq: 10 Sep 2019 17:07

Instrument :

MSVOA\_U

ClientSampleId :

PAR-D4-(3.11)

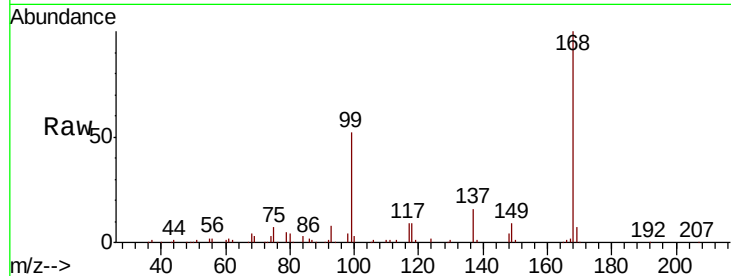
Tgt Ion:117 Resp: 19490

Ion Ratio Lower Upper

117 100

119 7.3 77.8 116.6#

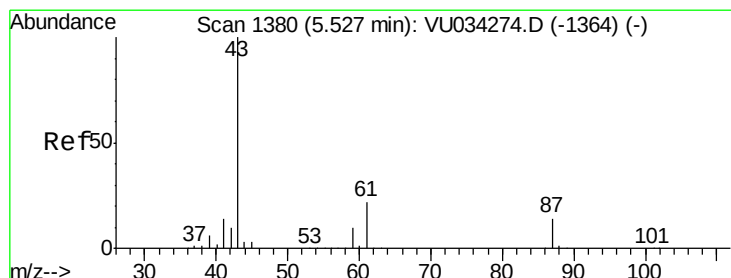
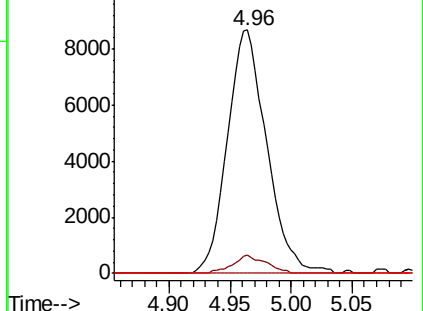
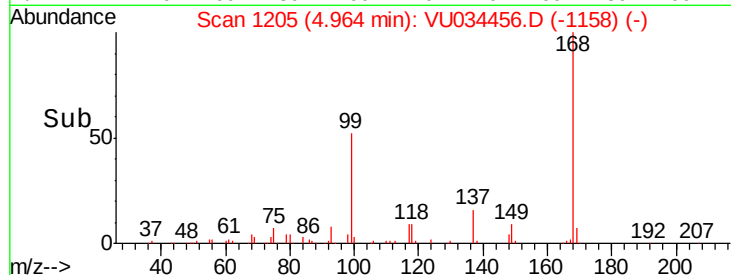
121 0.0 25.2 37.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 8.094 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034456.D

Acq: 10 Sep 2019 17:07

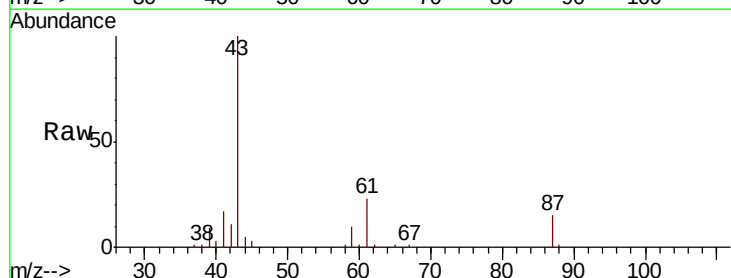
Tgt Ion: 43 Resp: 57626

Ion Ratio Lower Upper

43 100

61 21.4 17.1 25.7

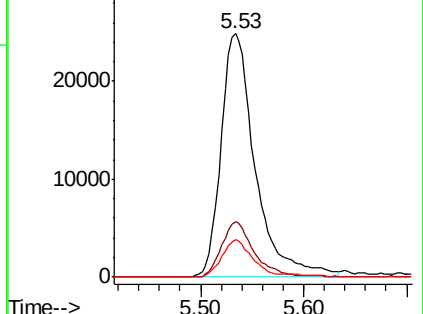
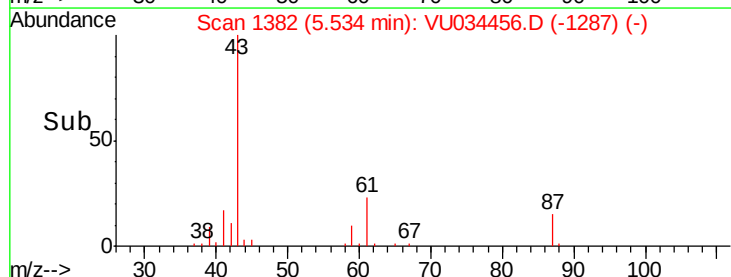
87 14.5 11.1 16.7

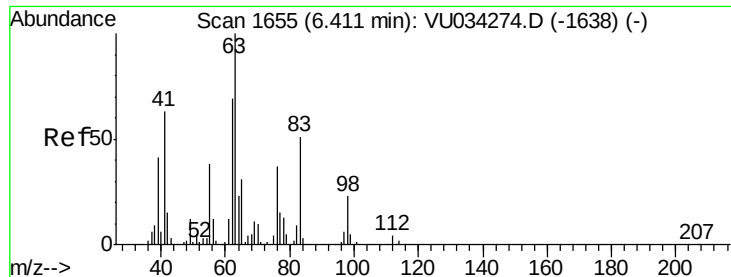


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#45

1,2-Dichloropropane

Concen: 0.325 ug/l

RT: 6.68 min Scan# 1740

Delta R.T. 0.27 min

Lab File: VU034456.D

Acq: 10 Sep 2019 17:07

Instrument :

MSVOA\_U

ClientSampleId :

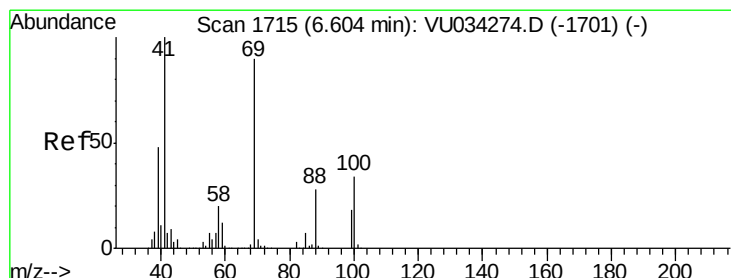
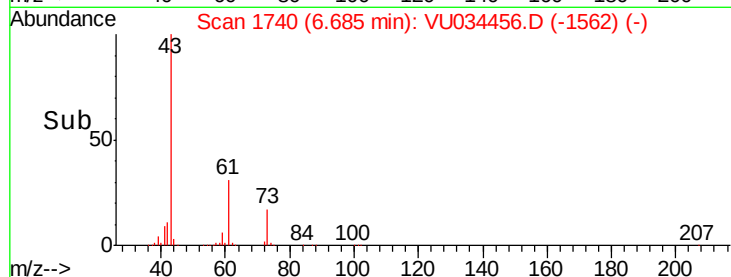
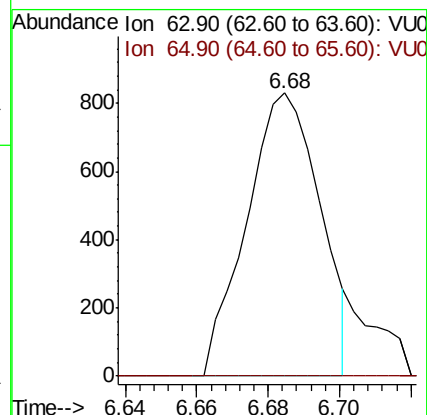
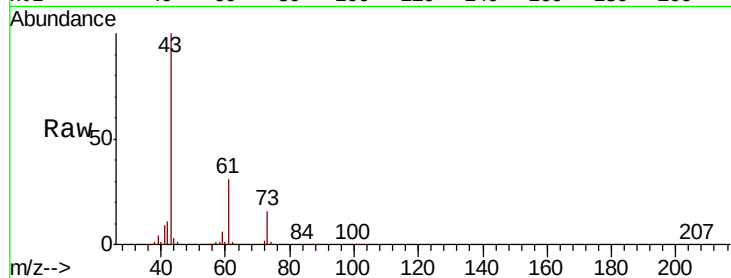
PAR-D4-(3.11)

Tgt Ion: 63 Resp: 1184

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#



#48

Methyl methacrylate

Concen: 27.861 ug/l

RT: 6.69 min Scan# 1741

Delta R.T. 0.08 min

Lab File: VU034456.D

Acq: 10 Sep 2019 17:07

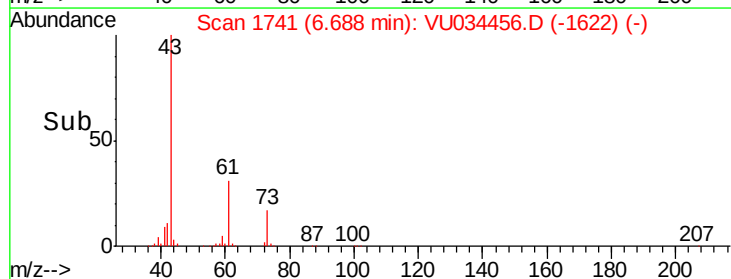
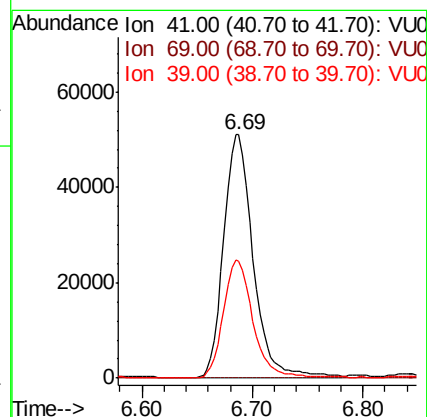
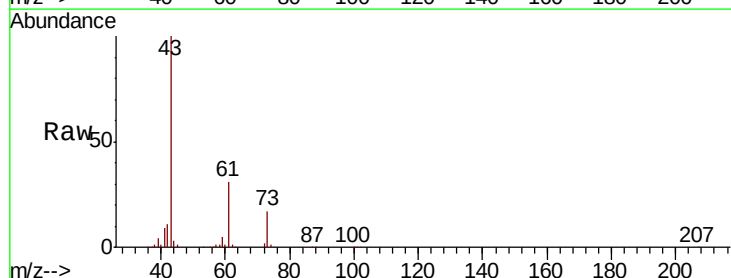
Tgt Ion: 41 Resp: 94212

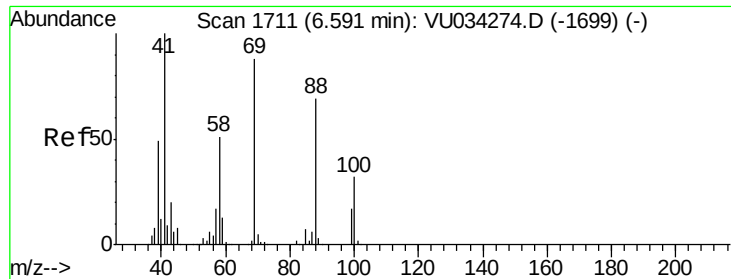
Ion Ratio Lower Upper

41 100

69 0.0 72.8 109.2#

39 49.6 38.6 58.0

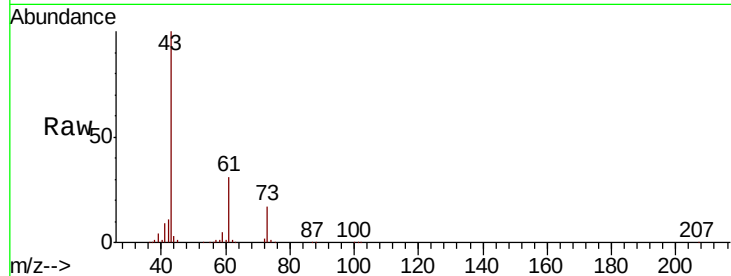




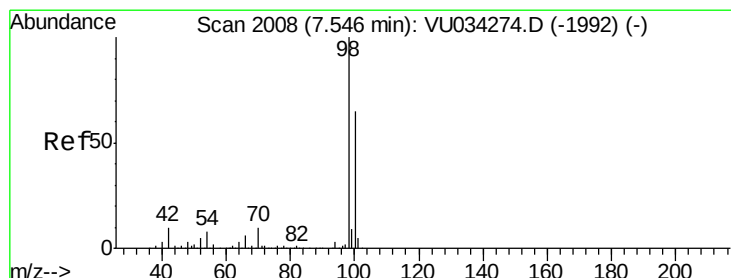
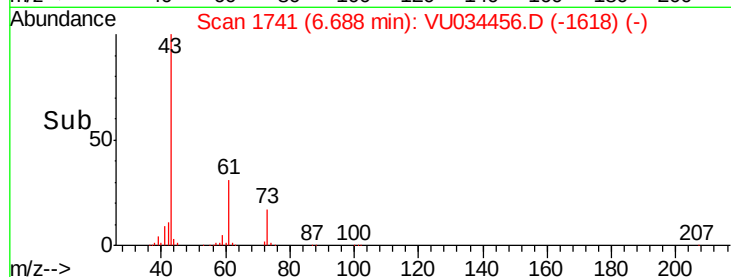
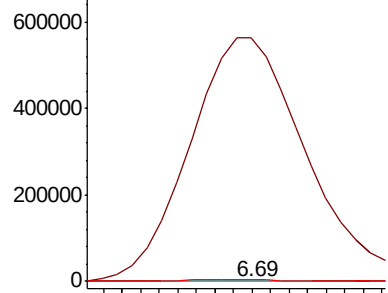
#49  
1,4-Dioxane  
Concen: 2.424 ug/l  
RT: 6.69 min Scan# 1741  
Delta R.T. 0.10 min  
Lab File: VU034456.D  
Acq: 10 Sep 2019 17:07

Instrument :  
MSVOA\_U  
ClientSampleId :  
PAR-D4-(3.11)

Tgt Ion: 88 Resp: 179  
Ion Ratio Lower Upper  
88 100  
43 569426.3 23.8 35.6#  
58 3781.0 58.4 87.6#

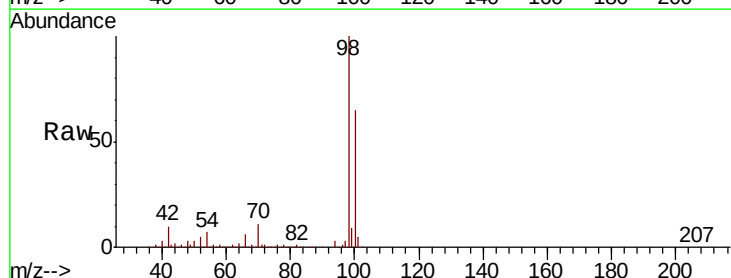


Abundance Ion 88.00 (87.70 to 88.70): VU0  
Ion 43.00 (42.70 to 43.70): VU0  
Ion 58.00 (57.70 to 58.70): VU0

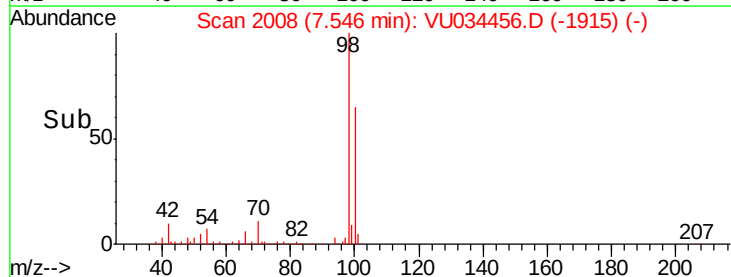
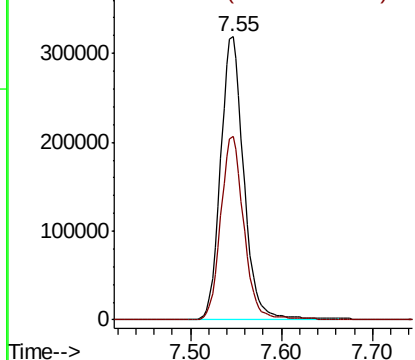


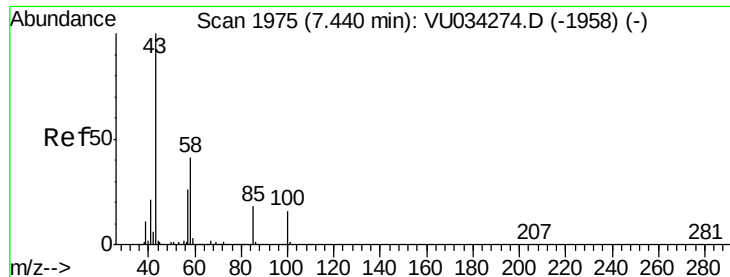
#50  
Toluene-d8  
Concen: 45.565 ug/l  
RT: 7.55 min Scan# 2008  
Delta R.T. -0.00 min  
Lab File: VU034456.D  
Acq: 10 Sep 2019 17:07

Tgt Ion: 98 Resp: 566969  
Ion Ratio Lower Upper  
98 100  
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU0  
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 10.544 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. -0.04 min

Lab File: VU034456.D

Acq: 10 Sep 2019 17:07

Instrument :

MSVOA\_U

ClientSampleId :

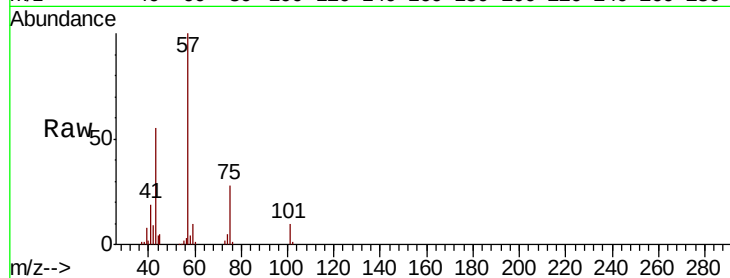
PAR-D4-(3.11)

Tgt Ion: 43 Resp: 51962

Ion Ratio Lower Upper

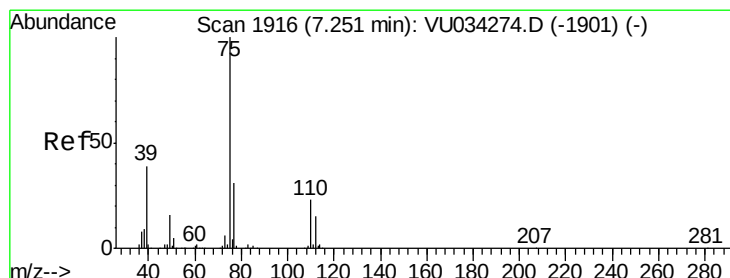
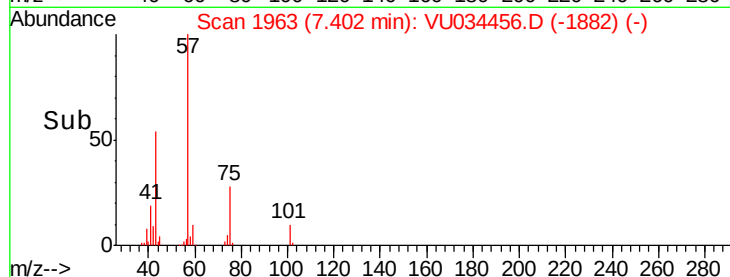
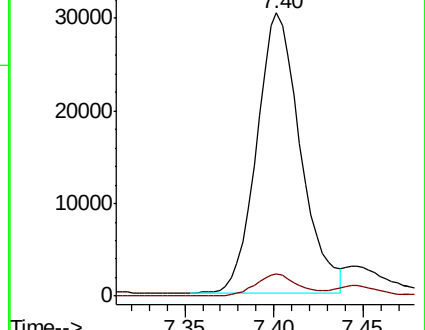
43 100

58 7.7 33.0 49.4#



Abundance Ion 43.00 (42.70 to 43.70): VU034456.D (-1963) (-)

Ion 58.00 (57.70 to 58.70): VU034456.D (-1963) (-)



#54

cis-1,3-Dichloropropene

Concen: 5.135 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. 0.15 min

Lab File: VU034456.D

Acq: 10 Sep 2019 17:07

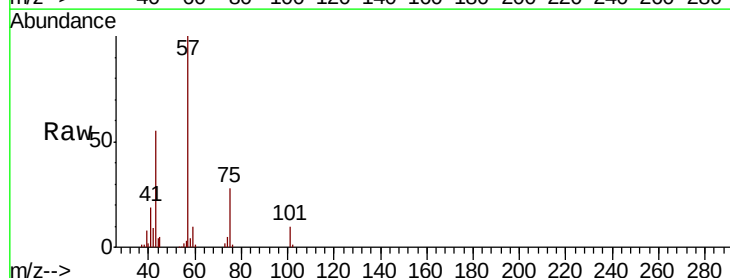
Tgt Ion: 75 Resp: 27488

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

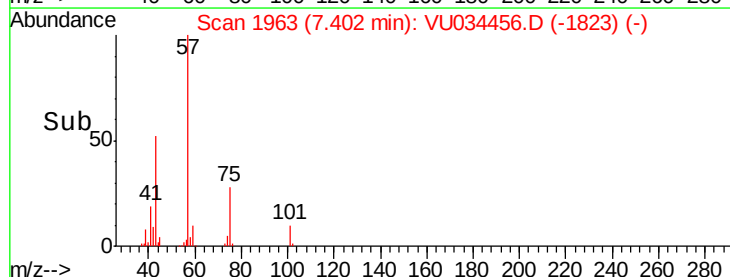
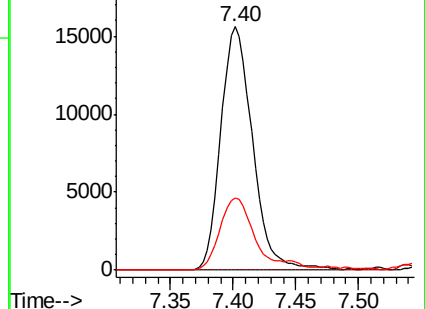
39 29.5 31.2 46.8#

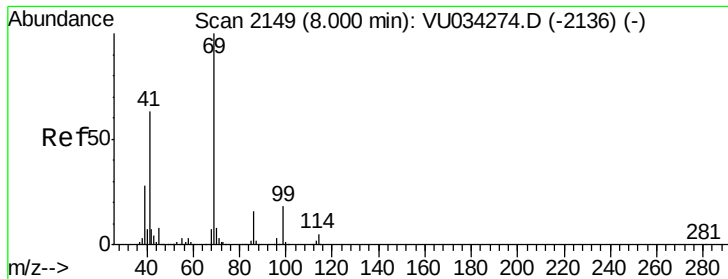


Abundance Ion 74.90 (74.60 to 75.60): VU034456.D (-1963) (-)

Ion 76.90 (76.60 to 77.60): VU034456.D (-1963) (-)

Ion 39.00 (38.70 to 39.70): VU034456.D (-1963) (-)





#56

Ethyl methacrylate

Concen: 3.093 ug/l

RT: 7.93 min Scan# 2127

Delta R.T. -0.07 min

Lab File: VU034456.D

Acq: 10 Sep 2019 17:07

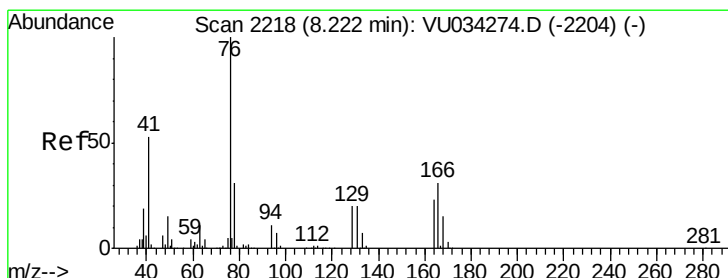
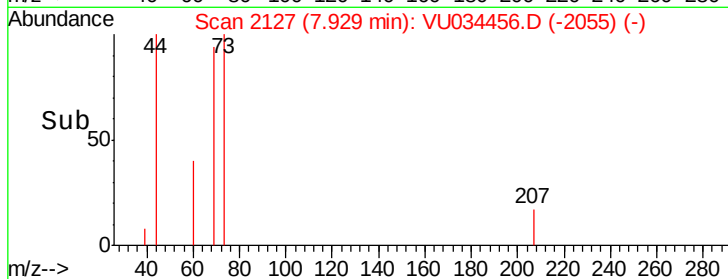
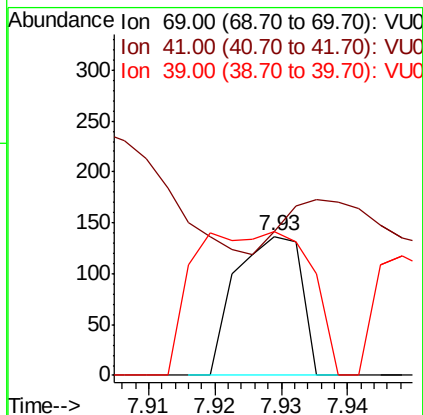
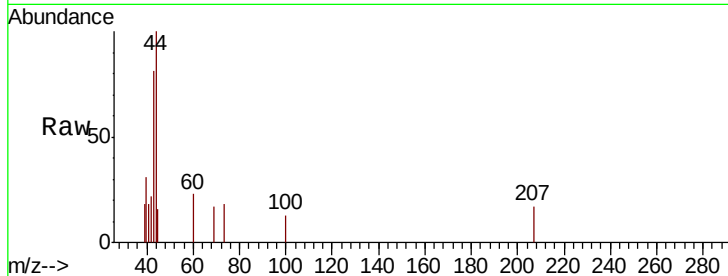
Instrument :

MSVOA\_U

ClientSampleId :

PAR-D4-(3.11)

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 94    |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 0.0   | 49.5  | 74.3# |
| 39       | 0.0   | 22.5  | 33.7# |



#57

1,3-Dichloropropane

Concen: 0.819 ug/l

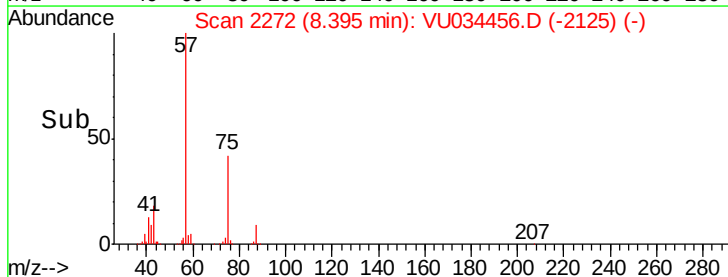
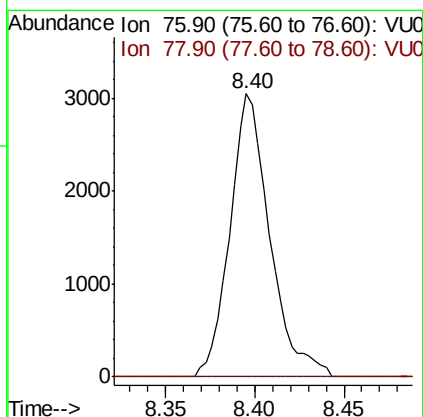
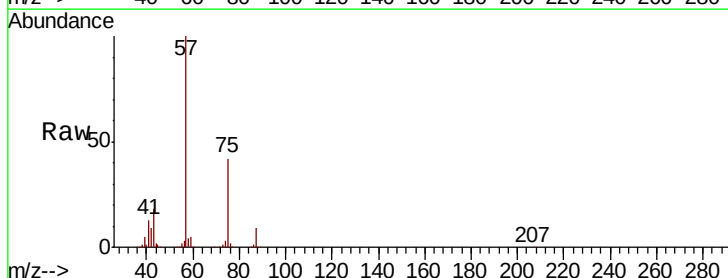
RT: 8.40 min Scan# 2272

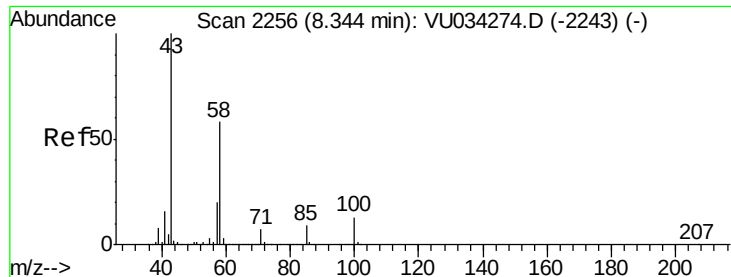
Delta R.T. 0.17 min

Lab File: VU034456.D

Acq: 10 Sep 2019 17:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 4731  |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 78       | 0.0   | 25.4  | 38.2# |

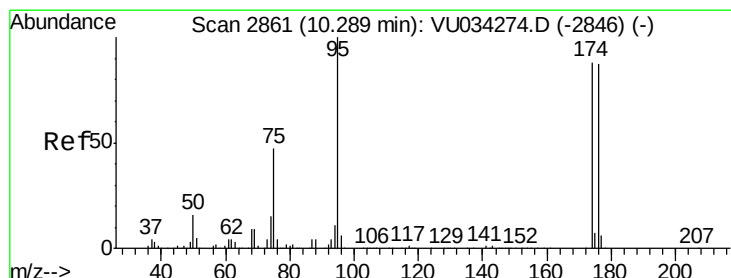
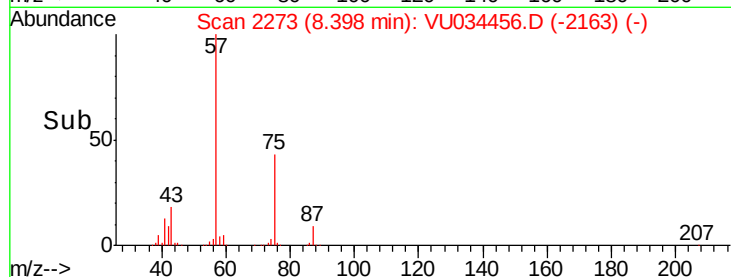
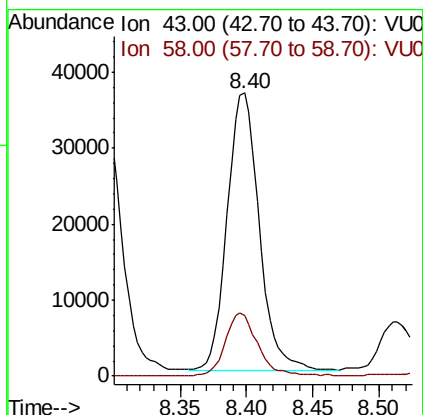
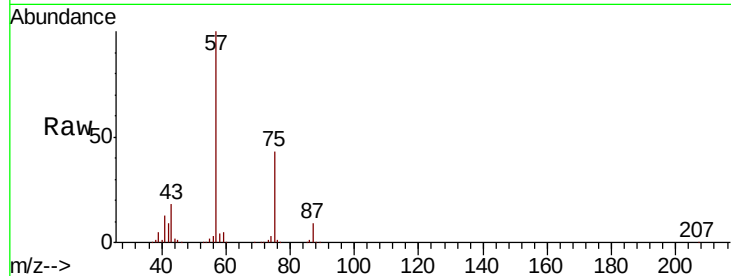




#59  
2-Hexanone  
Concen: 16.679 ug/l  
RT: 8.40 min Scan# 2273  
Delta R.T. 0.05 min  
Lab File: VU034456.D  
Acq: 10 Sep 2019 17:07

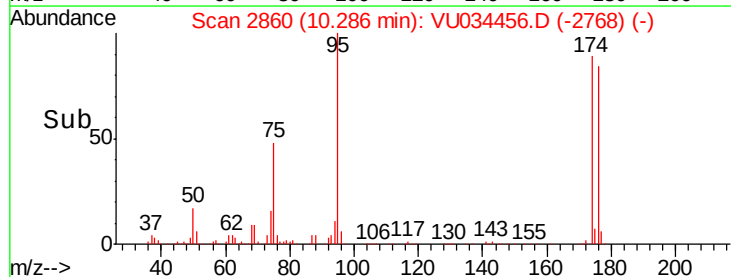
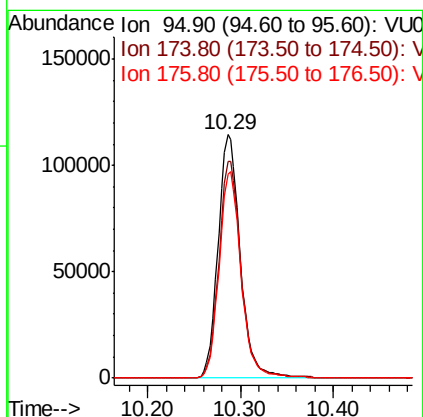
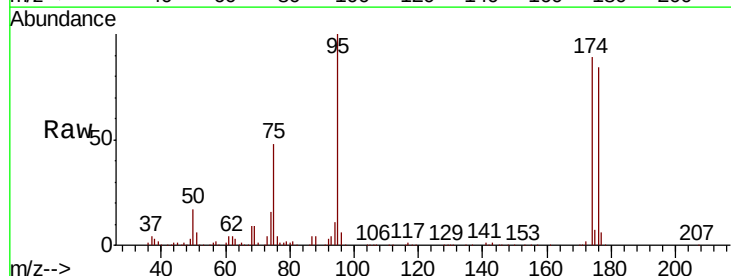
Instrument :  
MSVOA\_U  
ClientSampleId :  
PAR-D4-(3.11)

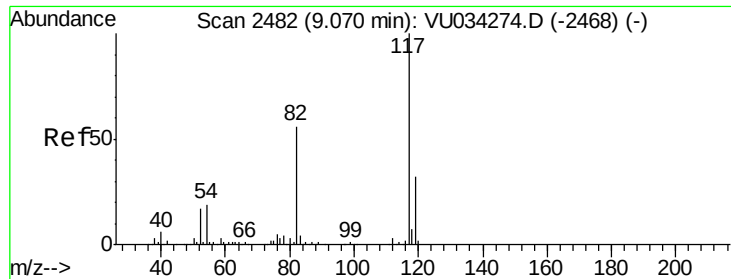
Tgt Ion: 43 Resp: 61407  
Ion Ratio Lower Upper  
43 100  
58 23.3 28.8 86.5#



#62  
4-Bromofluorobenzene  
Concen: 39.505 ug/l  
RT: 10.29 min Scan# 2860  
Delta R.T. -0.00 min  
Lab File: VU034456.D  
Acq: 10 Sep 2019 17:07

Tgt Ion: 95 Resp: 189790  
Ion Ratio Lower Upper  
95 100  
174 89.5 0.0 175.2  
176 84.2 0.0 168.0

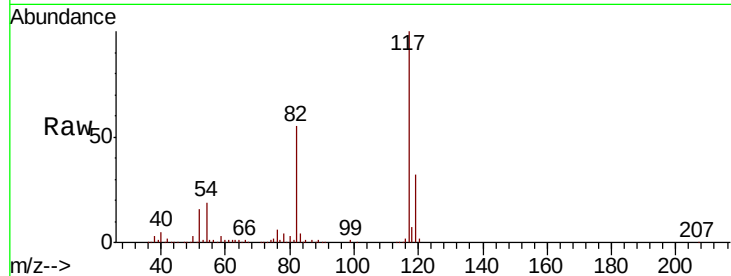




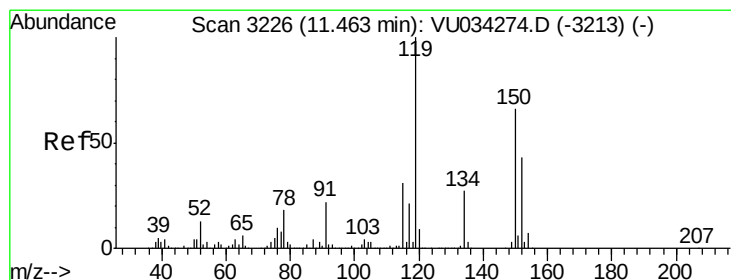
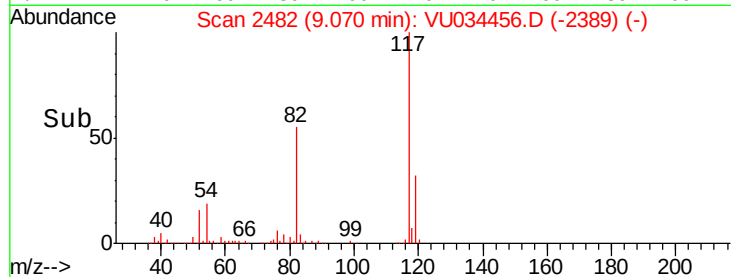
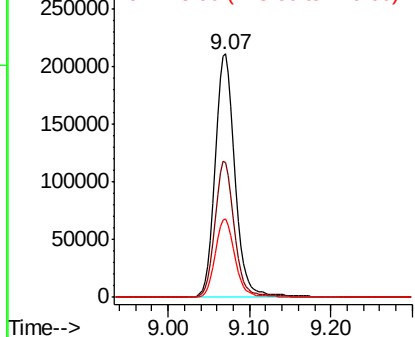
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 9.07 min Scan# 2482  
 Delta R.T. -0.00 min  
 Lab File: VU034456.D  
 Acq: 10 Sep 2019 17:07

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PAR-D4-(3.11)

Tgt Ion:117 Resp: 365798  
 Ion Ratio Lower Upper  
 117 100  
 82 55.2 44.6 67.0  
 119 32.1 25.9 38.9

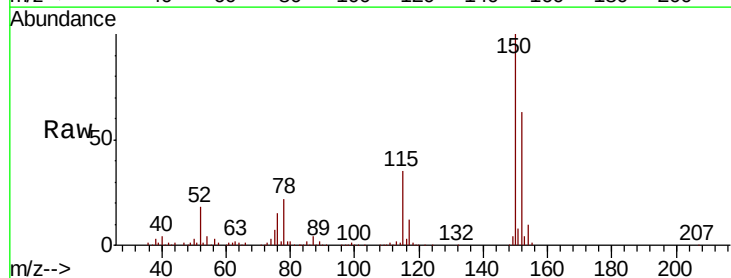


Abundance Ion 116.90 (116.60 to 117.60): V  
 Ion 82.00 (81.70 to 82.70): VU0  
 Ion 118.90 (118.60 to 119.60): V

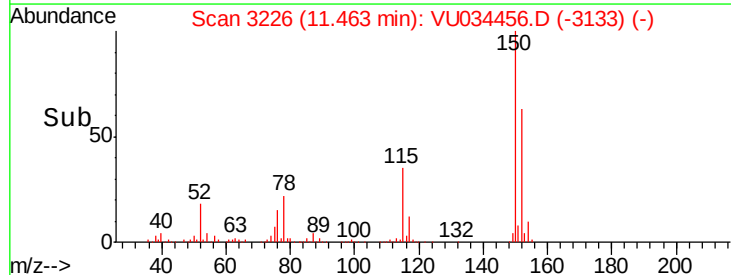
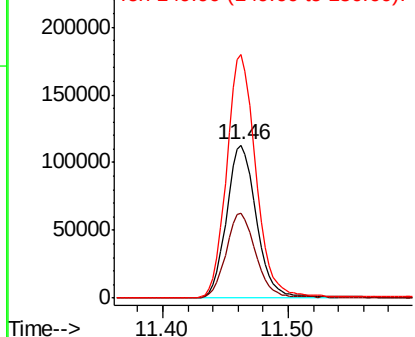


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 11.46 min Scan# 3226  
 Delta R.T. -0.00 min  
 Lab File: VU034456.D  
 Acq: 10 Sep 2019 17:07

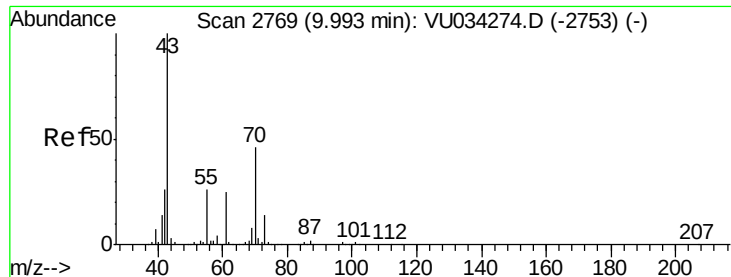
Tgt Ion:152 Resp: 187160  
 Ion Ratio Lower Upper  
 152 100  
 115 55.8 39.1 117.3  
 150 156.4 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V  
 Ion 114.90 (114.60 to 115.60): V  
 Ion 149.90 (149.60 to 150.60): V







#74

N-ethyl acetate

Concen: 0.434 ug/l

RT: 9.92 min Scan# 2747

Delta R.T. -0.07 min

Lab File: VU034456.D

Acq: 10 Sep 2019 17:07

Instrument :

MSVOA\_U

ClientSampleId :

PAR-D4-(3.11)

Tgt Ion: 43 Resp: 2129

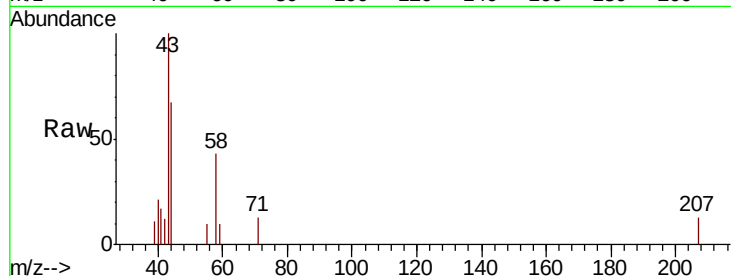
Ion Ratio Lower Upper

43 100

70 0.0 36.4 54.6#

55 3.1 21.2 31.8#

61 0.0 20.4 30.6#

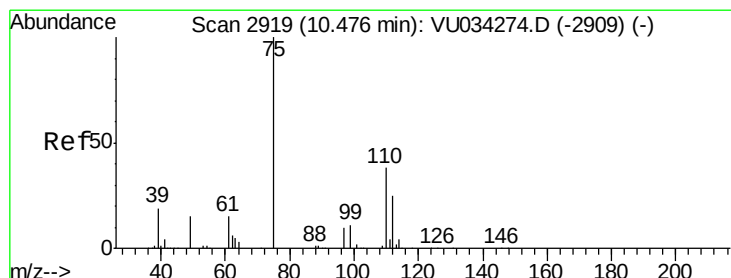
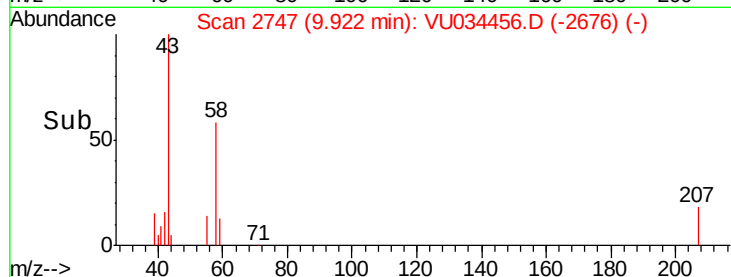
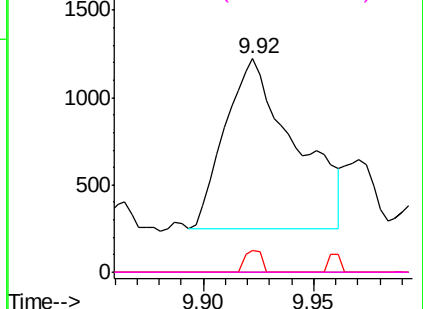


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#76

1,2,3-Trichloropropane

Concen: 21.934 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.19 min

Lab File: VU034456.D

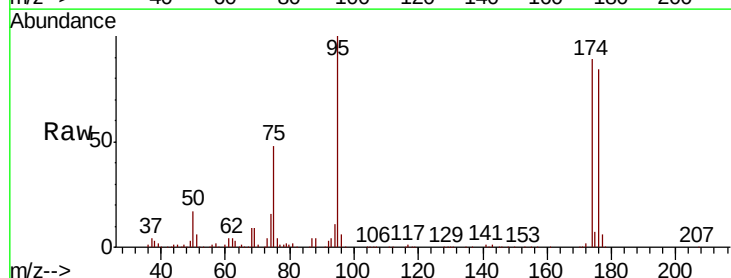
Acq: 10 Sep 2019 17:07

Tgt Ion: 75 Resp: 89609

Ion Ratio Lower Upper

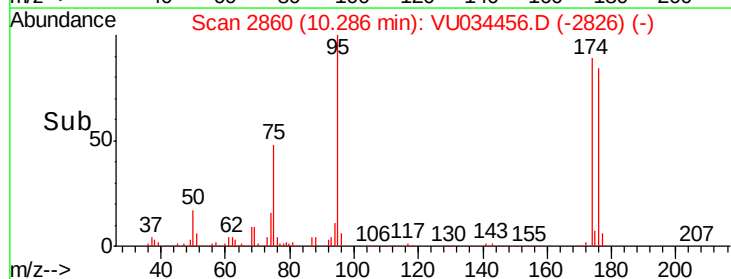
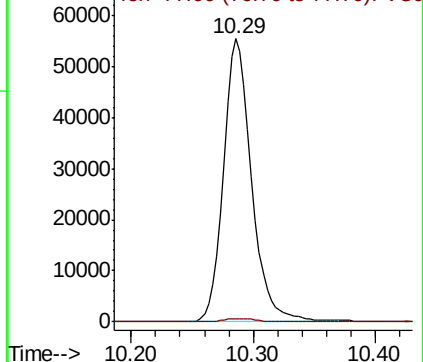
75 100

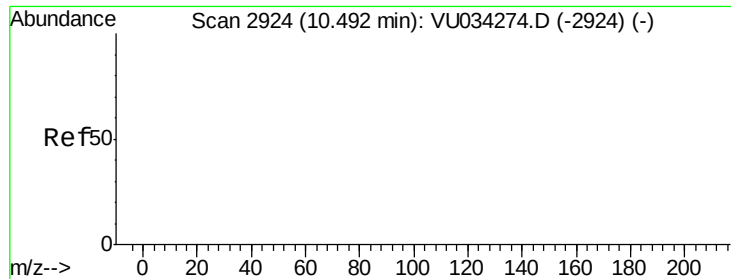
77 1.2 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 73.763 ug/l  
 RT: 10.29 min Scan# 2860  
 Delta R.T. -0.21 min  
 Lab File: VU034456.D  
 Acq: 10 Sep 2019 17:07

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PAR-D4-(3.11)

Tgt Ion: 75 Resp: 89609  
 Ion Ratio Lower Upper  
 75 100  
 53 0.2 0.0 0.0#  
 89 0.0 0.0 0.0

