

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\  
 Data File : VW004250.D  
 Acq On : 27 Jul 2018 04:10  
 Operator : SY/AP  
 Sample : J4126-07  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 2018-NYSEG-CLARK-AREA-10

Manual Integrations  
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 7/27/2018 2:21:00 PM

Quant Time: Jul 27 08:24:52 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W071618S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 16 15:06:12 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 200924   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 372488   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 332030   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 128102   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 140896   | 62.73  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 125.46% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 121832   | 50.98  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.96% |          |
| 50) Toluene-d8              | 10.33 | 98   | 420976   | 45.39  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 90.78%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 139226   | 41.63  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 83.26%  |          |
| Target Compounds            |       |      |          |        |         |          |
|                             |       |      |          |        | Qvalue  |          |
| 16) Acetone                 | 4.12  | 43   | 28595    | 52.984 | ug/l    | 97       |
| 17) Carbon Disulfide        | 4.37  | 76   | 9292     | 1.525  | ug/l #  | 95       |
| 20) Methylene Chloride      | 4.91  | 84   | 56577    | 18.847 | ug/l    | 98       |
| 67) Ethyl Benzene           | 11.74 | 91   | 505330   | 40.744 | ug/l    | 98       |
| 68) m/p-Xylenes             | 11.84 | 106  | 88220    | 18.611 | ug/l    | 100      |
| 69) o-Xylene                | 12.17 | 106  | 44612    | 10.146 | ug/l    | 99       |
| 73) Isopropylbenzene        | 12.47 | 105  | 282517   | 31.211 | ug/l    | 100      |
| 78) n-propylbenzene         | 12.81 | 91   | 170389   | 15.343 | ug/l    | 98       |
| 80) 1,3,5-Trimethylbenzene  | 12.95 | 105  | 356191   | 46.759 | ug/l    | 100      |
| 84) 1,2,4-Trimethylbenzene  | 13.26 | 105  | 695197   | 88.703 | ug/l    | 97       |
| 85) sec-Butylbenzene        | 13.39 | 105  | 16995m   | 1.791  | ug/l    |          |
| 86) p-Isopropyltoluene      | 13.51 | 119  | 105381   | 12.660 | ug/l    | 92       |

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

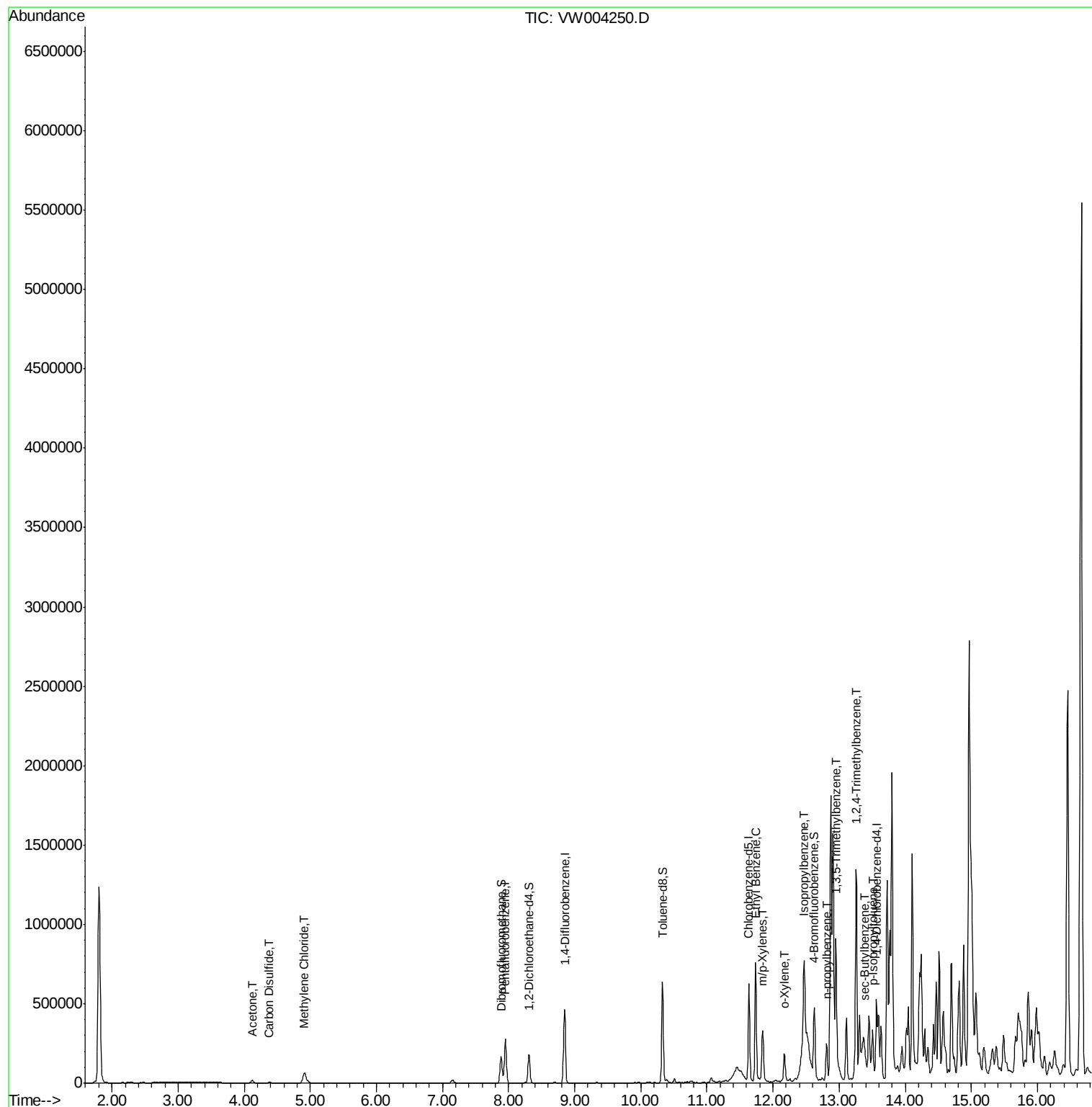
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072818\  
Data File : VW004250.D  
Acq On : 27 Jul 2018 04:10  
Operator : SY/AP  
Sample : J4126-07  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 14 Sample Multiplier: 1

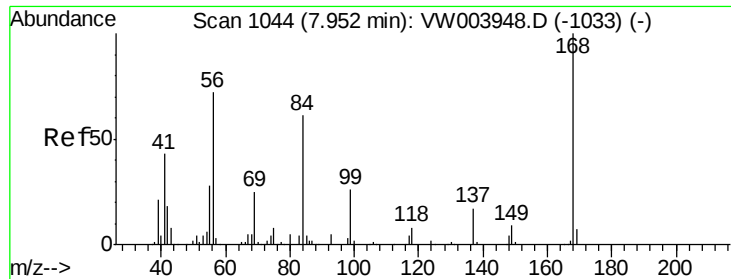
Instrument :  
MSVOA\_W  
ClientSampleId :  
2018-NYSEG-CLARK-AREA-10

Manual Integrations  
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Quant Time: Jul 27 08:24:52 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W071618S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 16 15:06:12 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004250.D

Acq: 27 Jul 2018 04:10

Instrument :

MSVOA\_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-10

Tot Ion:168 Resp: 200924

Ion Ratio Lower Upper

168 100

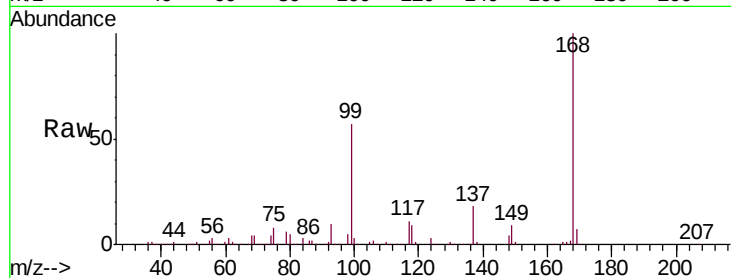
99 57.1 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

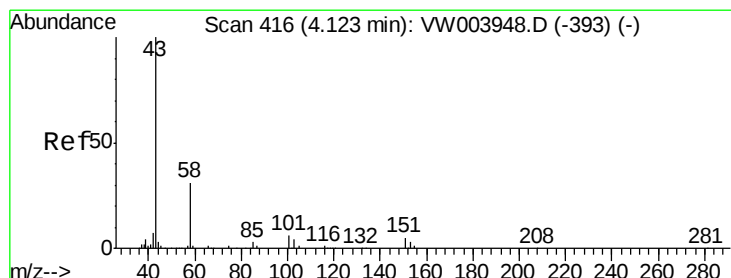
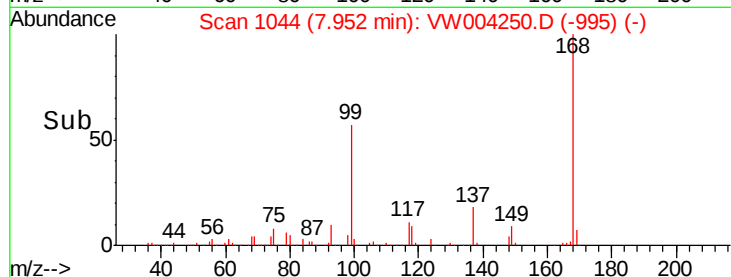
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 52.984 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004250.D

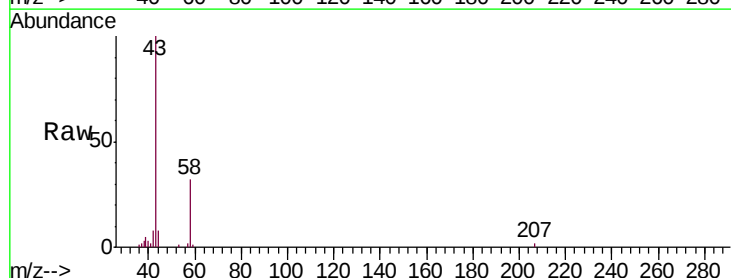
Acq: 27 Jul 2018 04:10

Tgt Ion: 43 Resp: 28595

Ion Ratio Lower Upper

43 100

58 32.3 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

12000

10000

8000

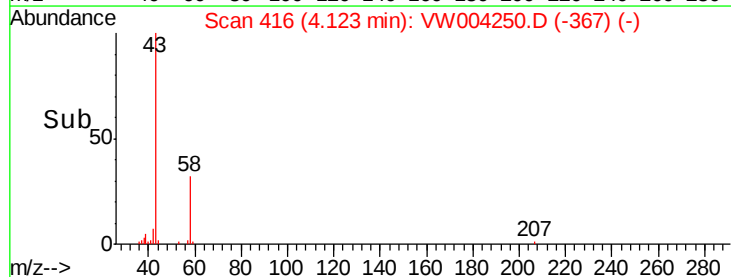
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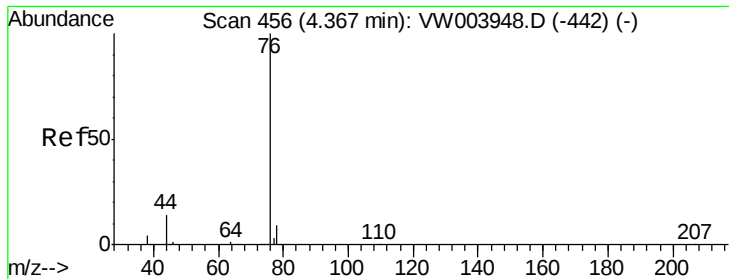
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 1.525 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW004250.D

Acq: 27 Jul 2018 04:10

Instrument :

MSVOA\_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-10

Tot Ion: 76 Resp: 9292

Ion Ratio Lower Upper

76 100

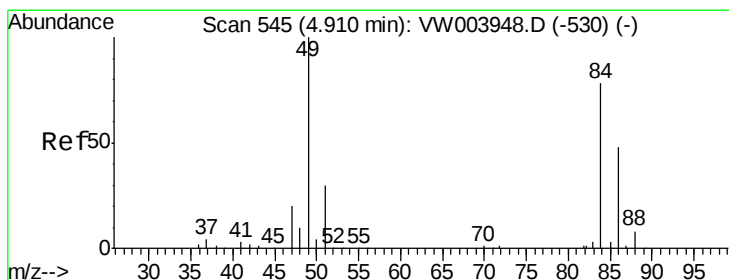
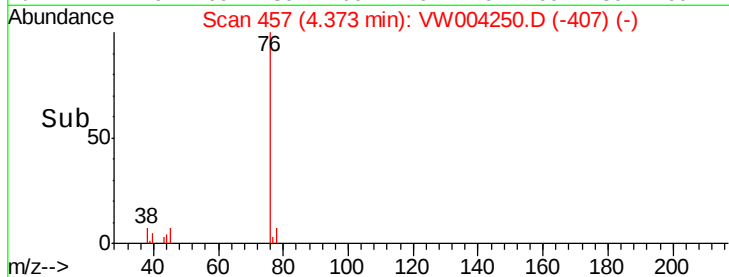
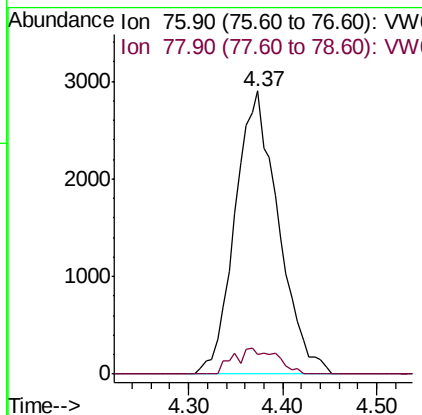
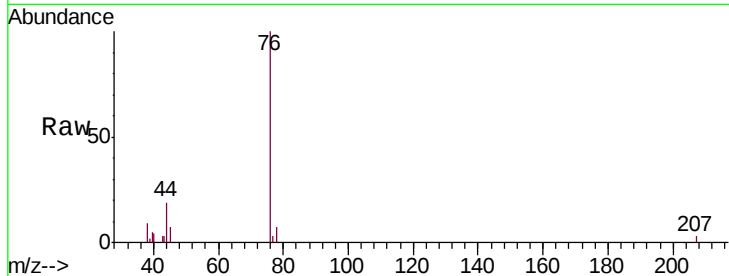
78 7.1 7.1 10.7#

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#20

Methylene Chloride

Concen: 18.847 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004250.D

Acq: 27 Jul 2018 04:10

Tgt Ion: 84 Resp: 56577

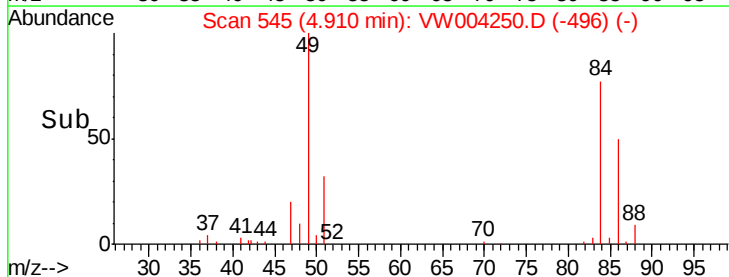
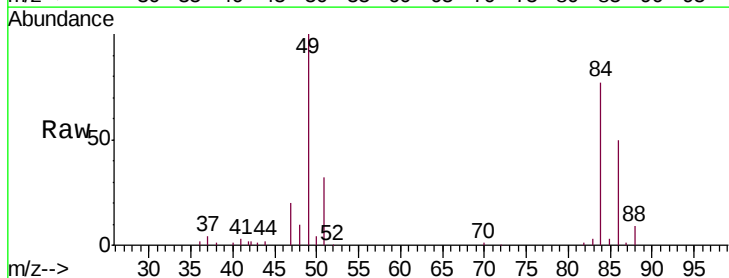
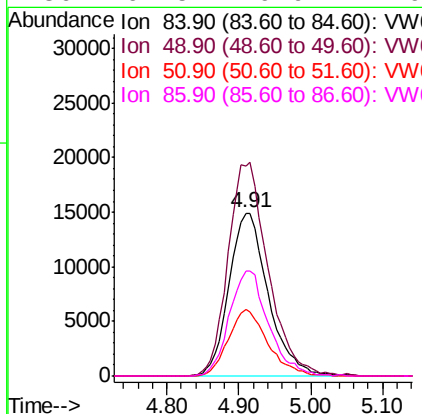
Ion Ratio Lower Upper

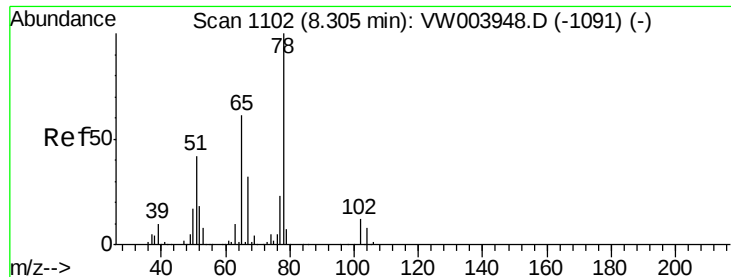
84 100

49 129.1 102.9 154.3

51 41.2 30.9 46.3

86 64.5 49.9 74.9





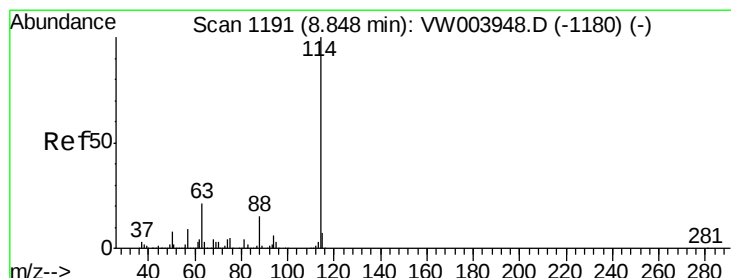
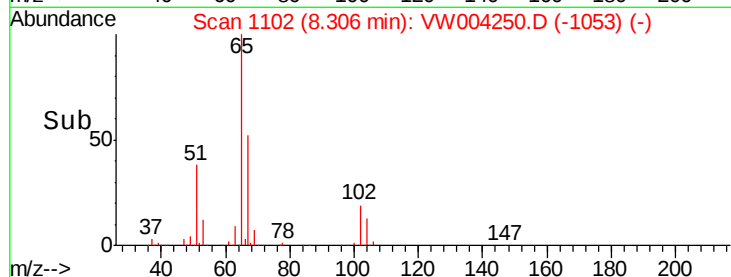
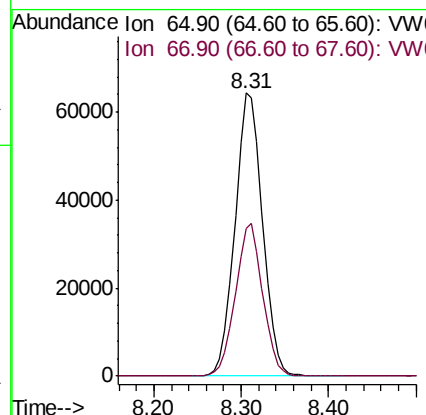
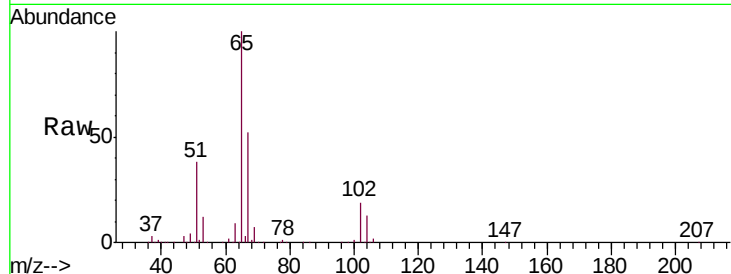
#33  
 1,2-Dichloroethane-d4  
 Concen: 62.734 ug/l  
 RT: 8.31 min Scan# 1102  
 Delta R.T. 0.00 min  
 Lab File: VW004250.D  
 Acq: 27 Jul 2018 04:10

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 2018-NYSEG-CLARK-AREA-10

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 53.2  | 0.0  | 105.0 |       |

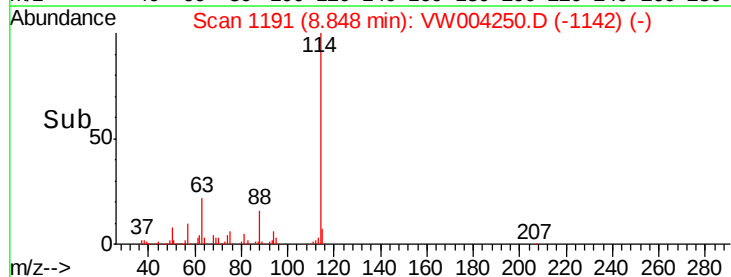
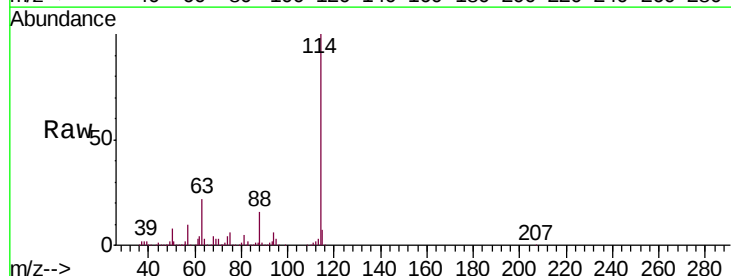
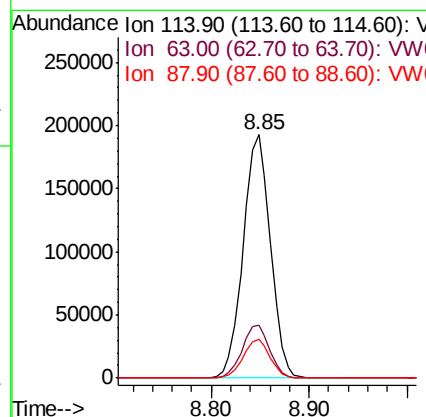
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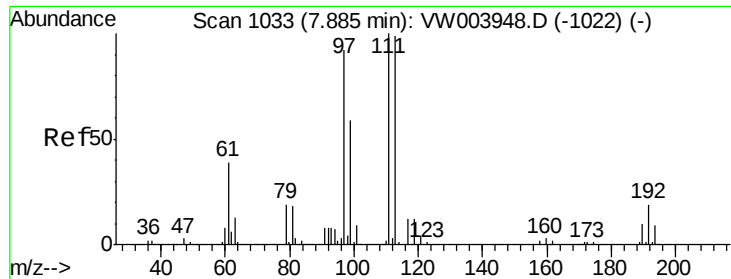
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: VW004250.D  
 Acq: 27 Jul 2018 04:10

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 21.8  | 0.0  | 42.8  |       |
| 88      | 16.1  | 0.0  | 30.4  |       |





#35

Dibromofluoromethane

Concen: 50.976 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004250.D

Acq: 27 Jul 2018 04:10

Instrument :

MSVOA\_W

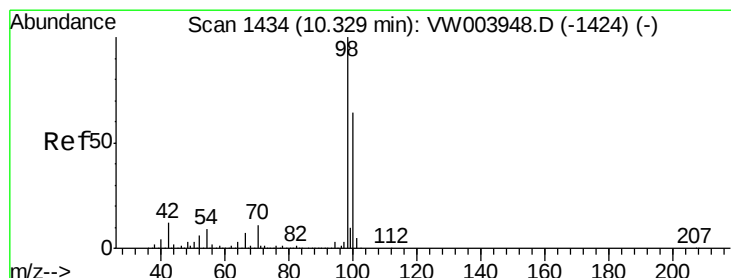
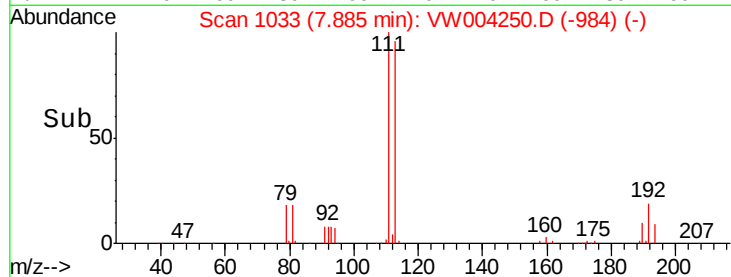
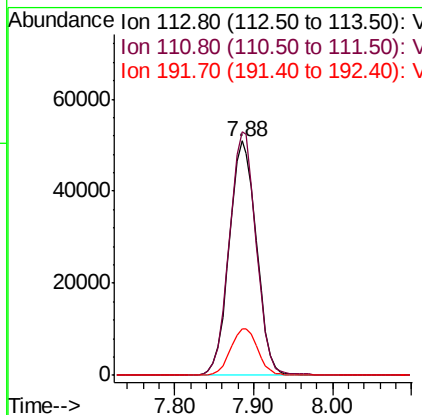
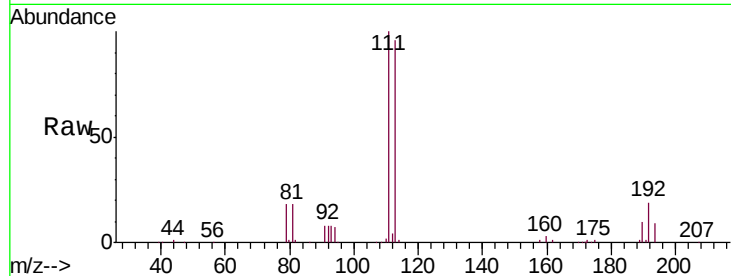
ClientSampleId :

2018-NYSEG-CLARK-AREA-10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 121832 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.6 | 81.3  | 121.9  |
| 192       | 19.9  | 15.8  | 23.6   |

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#50

Toluene-d8

Concen: 45.395 ug/l

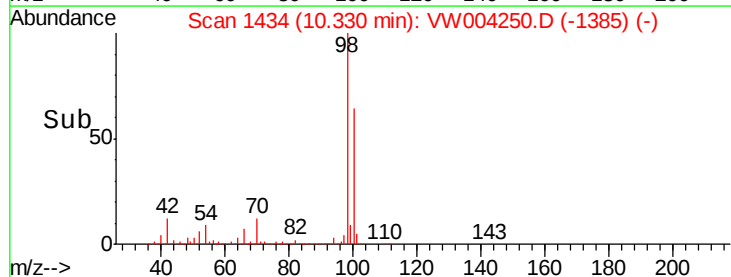
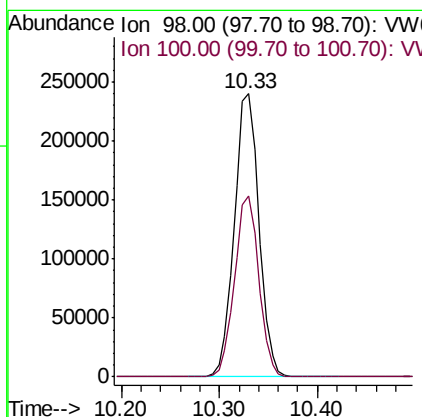
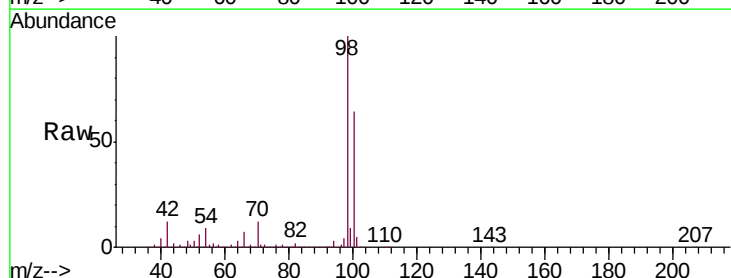
RT: 10.33 min Scan# 1434

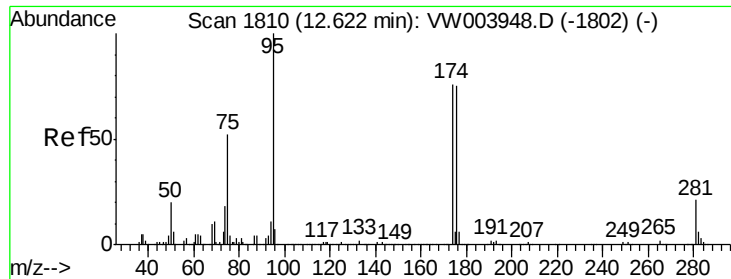
Delta R.T. 0.00 min

Lab File: VW004250.D

Acq: 27 Jul 2018 04:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 420976 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 62.9  | 51.2  | 76.8   |





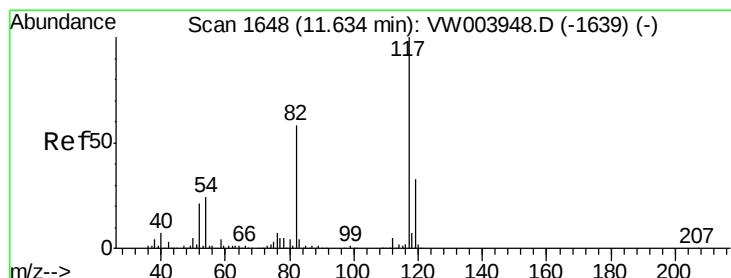
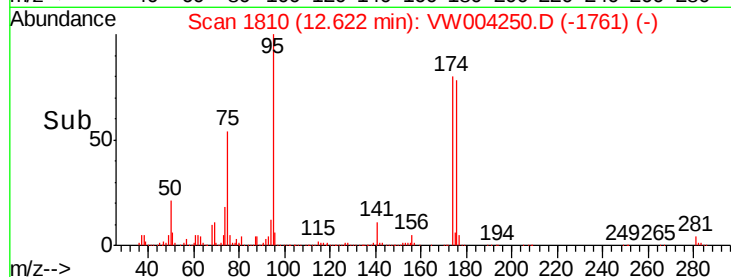
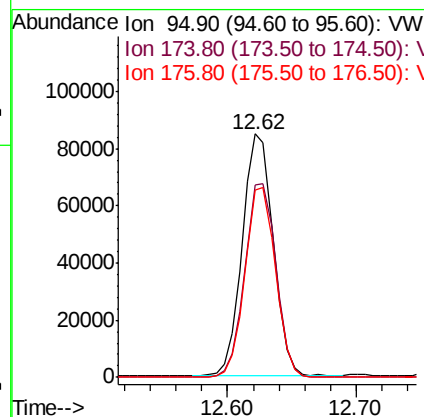
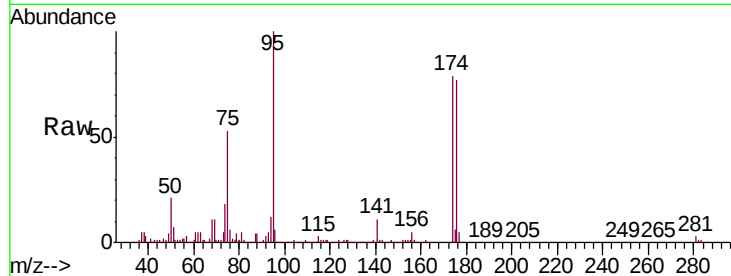
#62  
4-Bromofluorobenzene  
Concen: 41.633 ug/l  
RT: 12.62 min Scan# 1810  
Delta R.T. 0.00 min  
Lab File: VW004250.D  
Acq: 27 Jul 2018 04:10

Instrument :  
MSVOA\_W  
ClientSampleId :  
2018-NYSEG-CLARK-AREA-10

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 139226 |       |       |
| 174     | 81.0  | 0.0    | 160.2 |       |
| 176     | 78.0  | 0.0    | 155.8 |       |

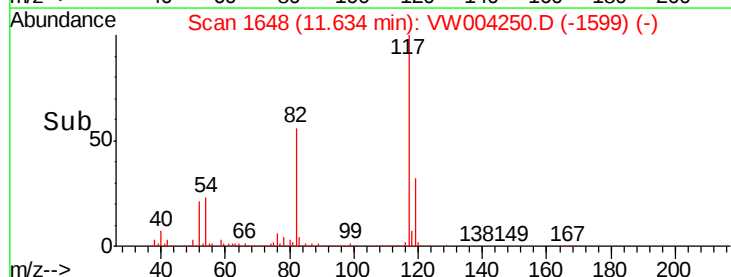
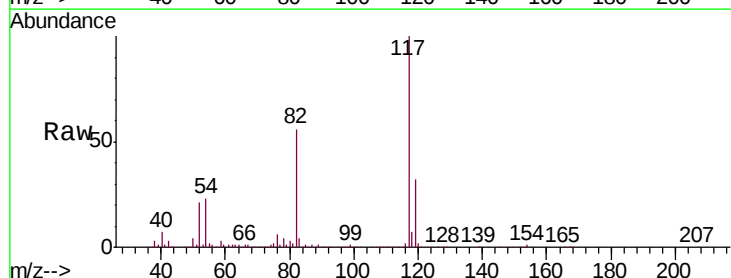
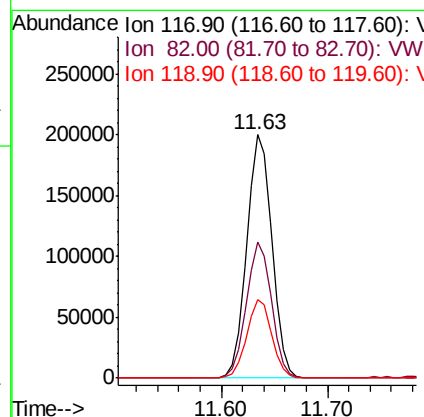
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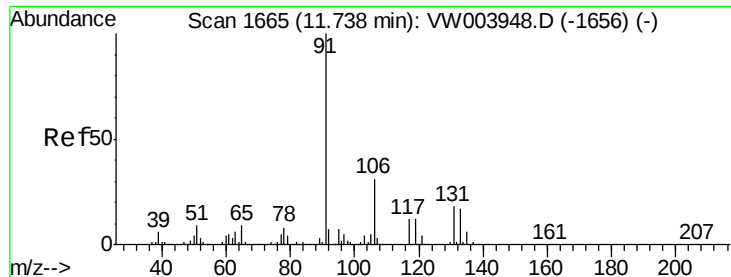
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#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. 0.00 min  
Lab File: VW004250.D  
Acq: 27 Jul 2018 04:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 332030 |       |       |
| 82      | 55.6  | 46.5   | 69.7  |       |
| 119     | 32.1  | 26.2   | 39.2  |       |





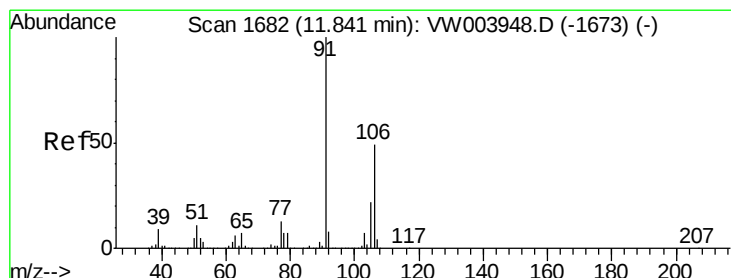
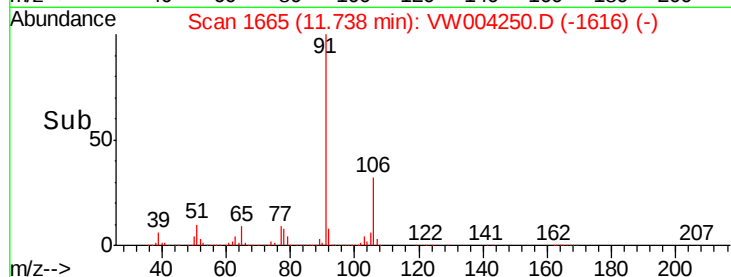
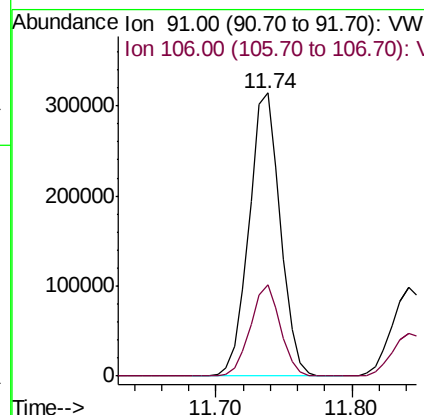
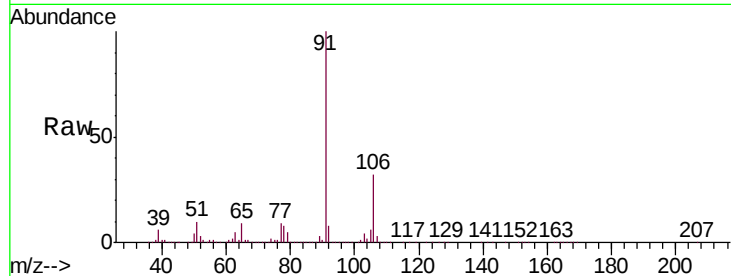
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Ethyl Benzene  
Concen: 40.744 ug/l  
RT: 11.74 min Scan# 1665  
Delta R.T. 0.00 min  
Lab File: VW004250.D  
Acq: 27 Jul 2018 04:10

Instrument :  
MSVOA\_W  
ClientSampleId :  
2018-NYSEG-CLARK-AREA-10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 32.4  | 25.0  | 37.4  |

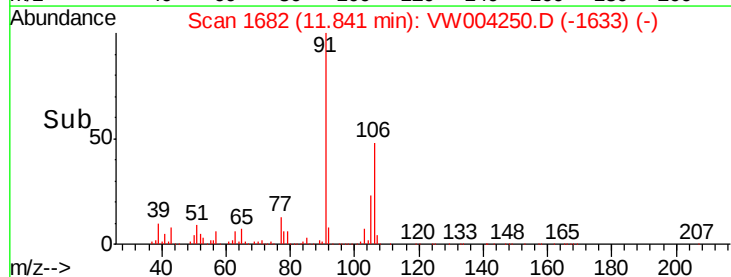
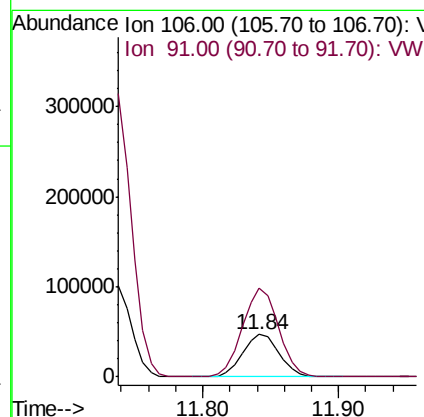
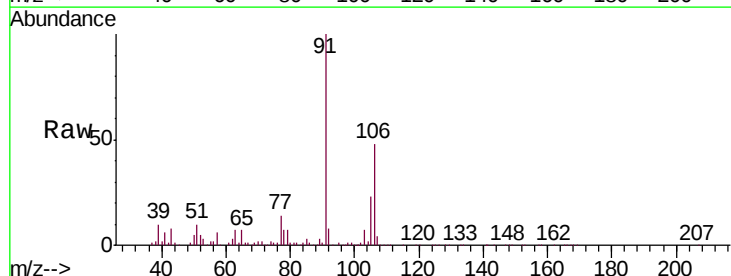
Manual Integrations  
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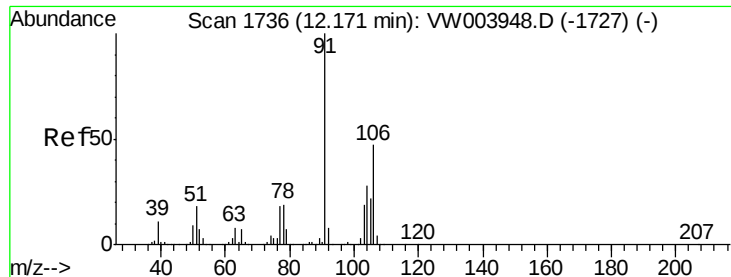
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#68  
m/p-Xylenes  
Concen: 18.611 ug/l  
RT: 11.84 min Scan# 1682  
Delta R.T. 0.00 min  
Lab File: VW004250.D  
Acq: 27 Jul 2018 04:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 205.8 | 164.2 | 246.2 |





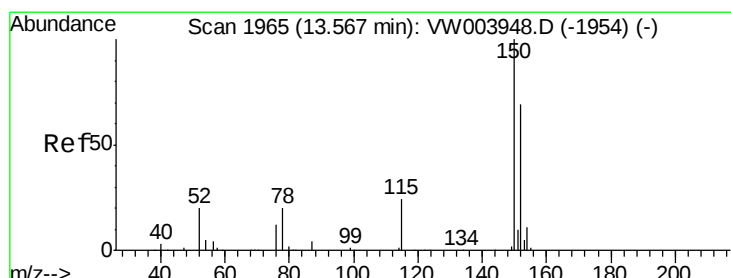
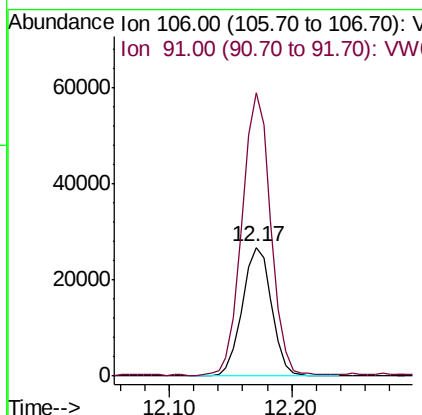
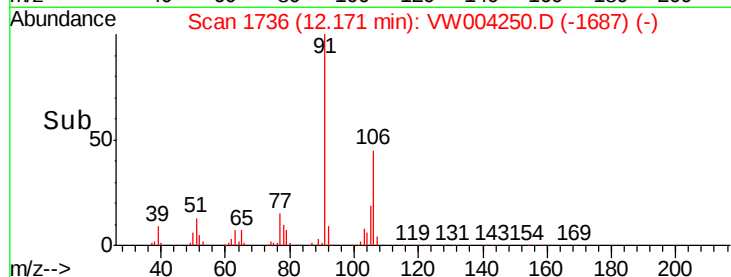
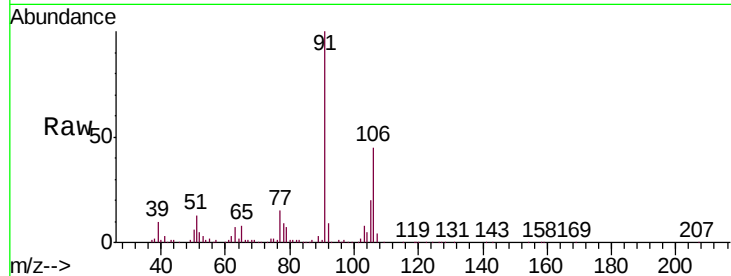
#69  
o-Xylene  
Concen: 10.146 ug/l  
RT: 12.17 min Scan# 1736  
Delta R.T. 0.00 min  
Lab File: VW004250.D  
Acq: 27 Jul 2018 04:10

Instrument :  
MSVOA\_W  
ClientSampleId :  
2018-NYSEG-CLARK-AREA-10

Tot Ion:106 Resp: 44612  
Ion Ratio Lower Upper  
106 100  
91 213.7 107.5 322.6

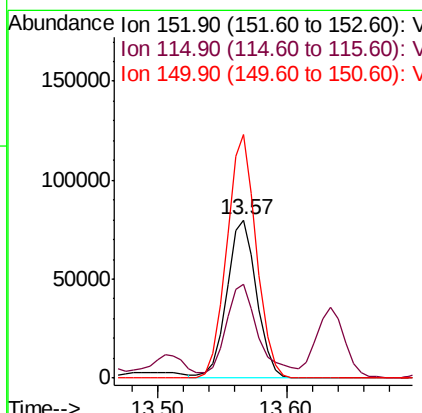
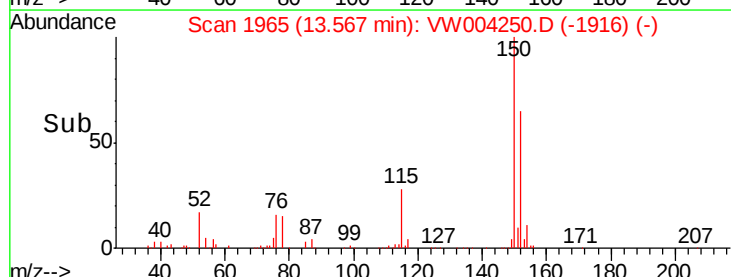
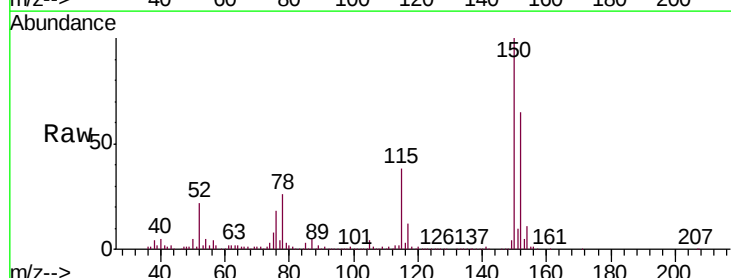
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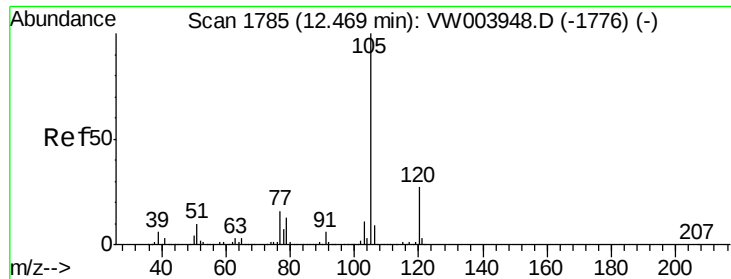
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.57 min Scan# 1965  
Delta R.T. 0.00 min  
Lab File: VW004250.D  
Acq: 27 Jul 2018 04:10

Tgt Ion:152 Resp: 128102  
Ion Ratio Lower Upper  
152 100  
115 57.9 29.2 87.6  
150 153.0 0.0 345.2





#73

Isopropylbenzene

Concen: 31.211 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004250.D

Acq: 27 Jul 2018 04:10

Instrument :

MSVOA\_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-10

Tot Ion: 105 Resp: 282517

Ion Ratio Lower Upper

105 100

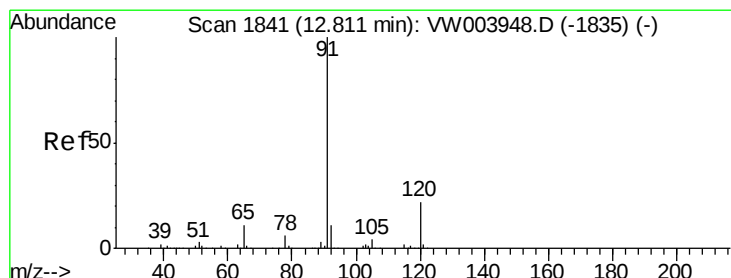
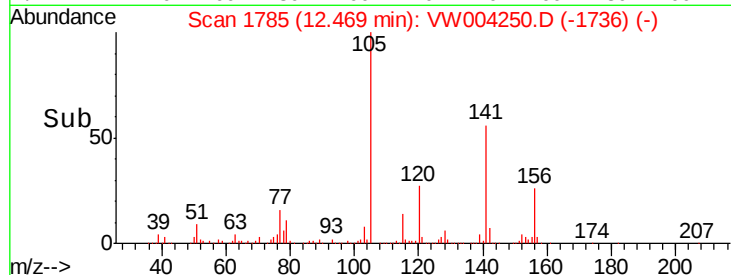
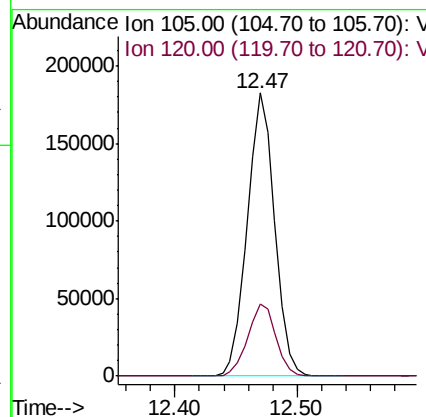
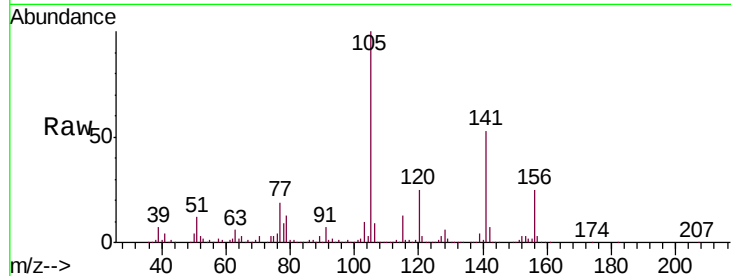
120 26.3 13.2 39.6

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#78

n-propylbenzene

Concen: 15.343 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004250.D

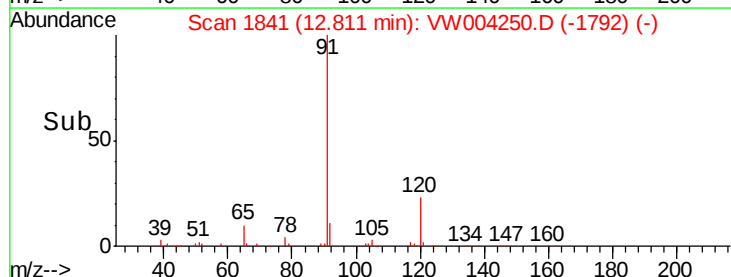
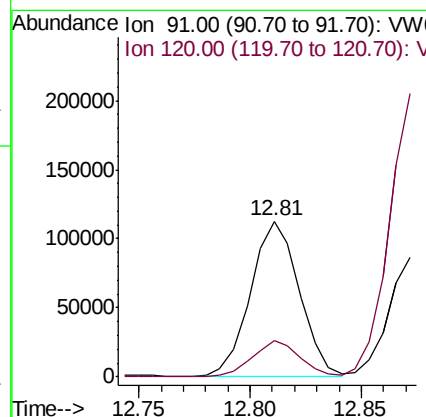
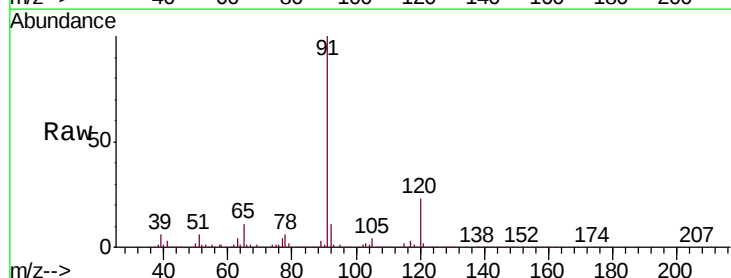
Acq: 27 Jul 2018 04:10

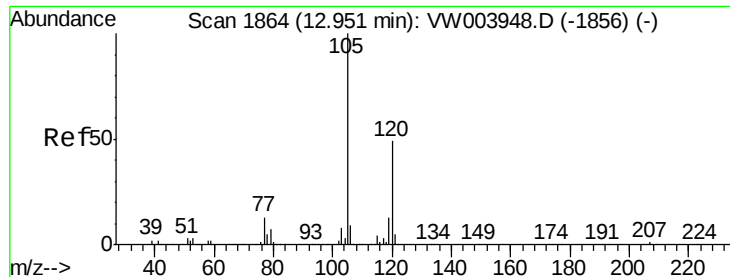
Tgt Ion: 91 Resp: 170389

Ion Ratio Lower Upper

91 100

120 23.2 11.2 33.6





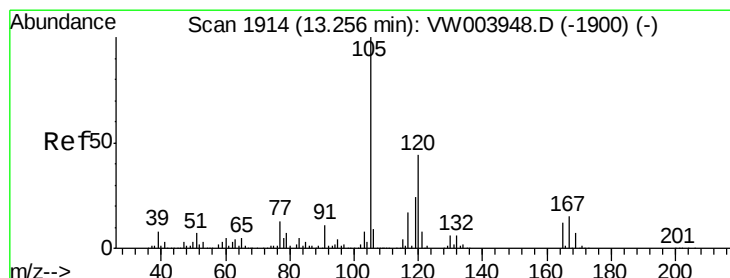
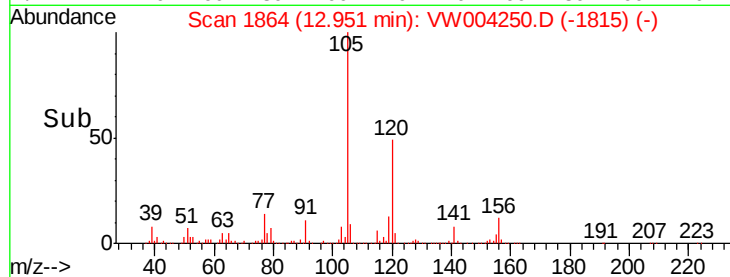
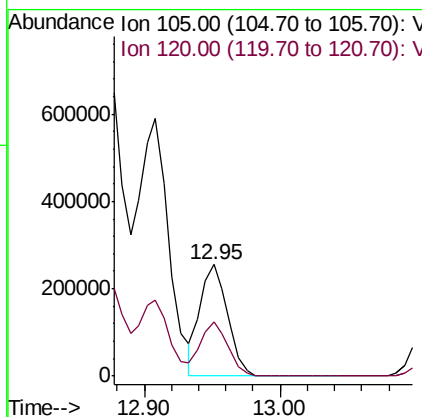
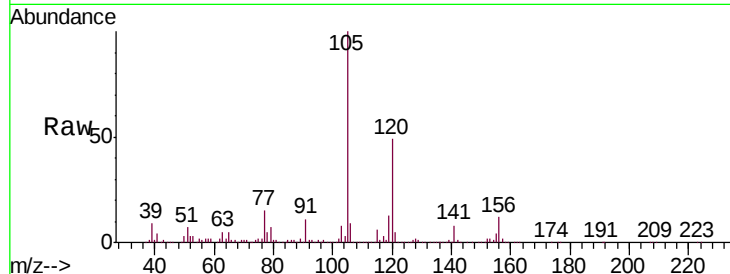
#80  
 1,3,5-Trimethylbenzene  
 Concen: 46.759 ug/l  
 RT: 12.95 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: VW004250.D  
 Acq: 27 Jul 2018 04:10

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 2018-NYSEG-CLARK-AREA-10

Tot Ion:105 Resp: 356191  
 Ion Ratio Lower Upper  
 105 100  
 120 48.6 24.4 73.2

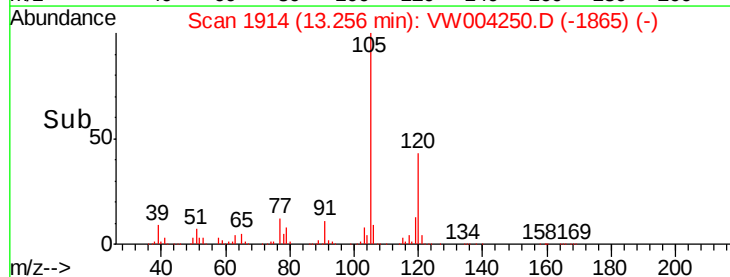
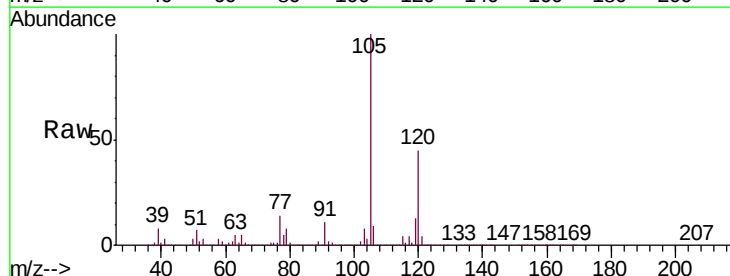
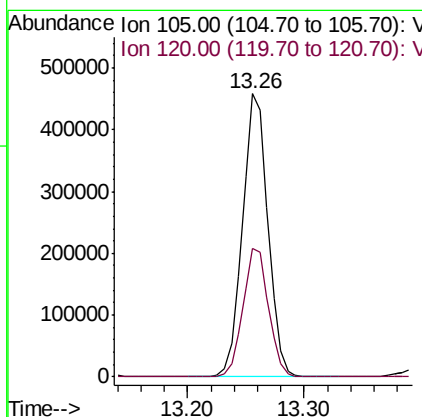
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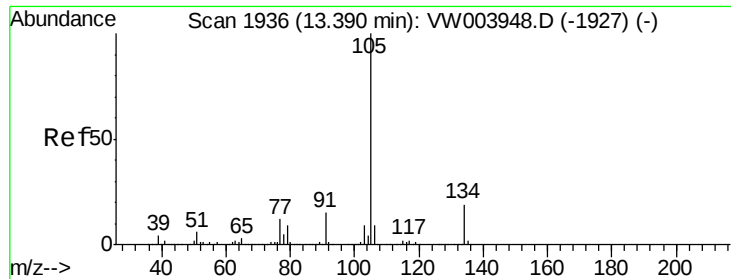
apatel  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 88.703 ug/l  
 RT: 13.26 min Scan# 1914  
 Delta R.T. 0.00 min  
 Lab File: VW004250.D  
 Acq: 27 Jul 2018 04:10

Tgt Ion:105 Resp: 695197  
 Ion Ratio Lower Upper  
 105 100  
 120 45.8 22.1 66.1





#85

sec-Butylbenzene

Concen: 1.791 ug/l m

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW004250.D

Acq: 27 Jul 2018 04:10

Instrument :

MSVOA\_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-10

Tot Ion:105 Resp: 16995

Ion Ratio Lower Upper

105 100

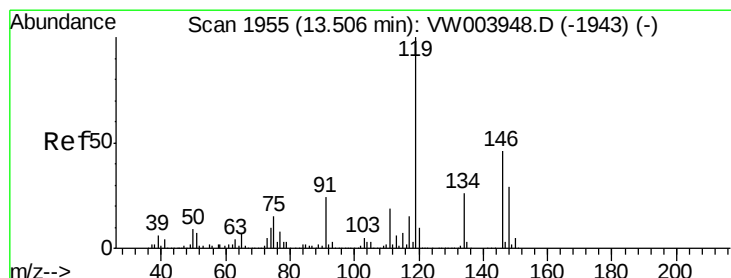
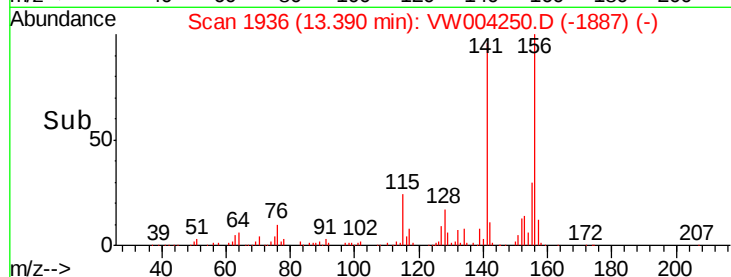
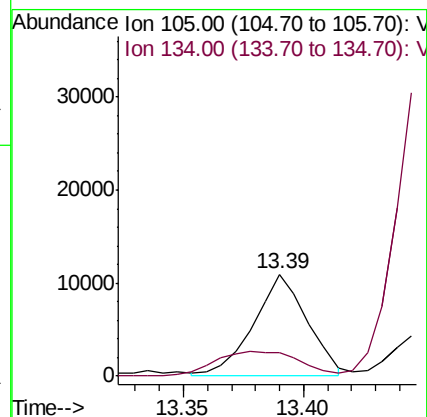
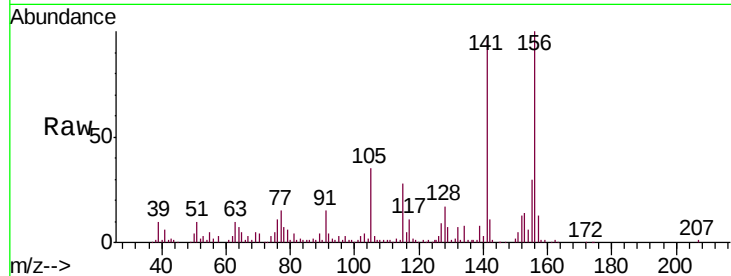
134 0.0 9.8 29.4#

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 12.660 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004250.D

Acq: 27 Jul 2018 04:10

Tgt Ion:119 Resp: 105381

Ion Ratio Lower Upper

119 100

134 27.0 13.0 38.9

91 30.7 11.8 35.3

