

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\  
 Data File : VW004353.D  
 Acq On : 30 Jul 2018 10:10  
 Operator : SY/AP  
 Sample : J4126-07RE  
 Misc : 5.04G/5ML/MSVOA W/SOIL  
 ALS Vial : 55 Sample Multiplier: 1

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

Quant Time: Jul 30 13:09:37 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W073018S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 30 02:37:04 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 43520    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 68567    | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 50810    | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 20318    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 25498    | 58.08 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 116.16% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 22746    | 52.49 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.98% |          |
| 50) Toluene-d8              | 10.33 | 98   | 57523    | 33.59 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 67.18%  |          |
| 62) 4-Bromofluorobenzene    | 12.63 | 95   | 22153    | 36.74 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 73.48%  |          |

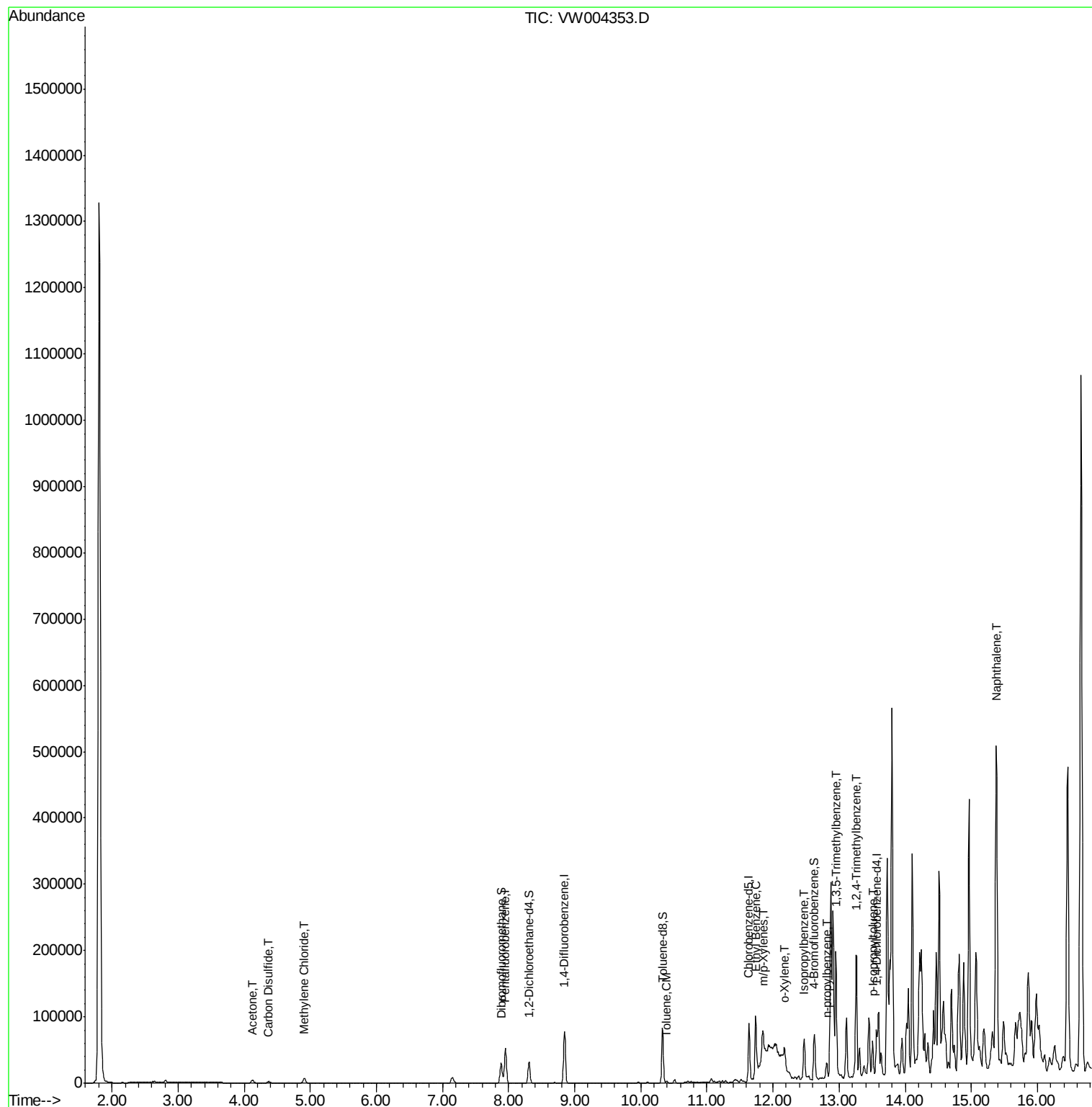
| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 16) Acetone                | 4.12  | 43   | 7963     | 81.58  | ug/l   | 90     |
| 17) Carbon Disulfide       | 4.37  | 76   | 4624     | 4.02   | ug/l   | 96     |
| 20) Methylene Chloride     | 4.92  | 84   | 5582     | 12.11  | ug/l # | 78     |
| 52) Toluene                | 10.40 | 92   | 1268     | 1.05   | ug/l   | 86     |
| 67) Ethyl Benzene          | 11.74 | 91   | 63556    | 34.17  | ug/l # | 88     |
| 68) m/p-Xylenes            | 11.84 | 106  | 10049    | 14.04  | ug/l   | 99     |
| 69) o-Xylene               | 12.17 | 106  | 6168     | 9.33   | ug/l   | 91     |
| 73) Isopropylbenzene       | 12.47 | 105  | 36739    | 26.08  | ug/l   | 97     |
| 78) n-propylbenzene        | 12.81 | 91   | 19530    | 11.38  | ug/l   | 95     |
| 80) 1,3,5-Trimethylbenzene | 12.95 | 105  | 91626    | 75.49  | ug/l   | 100    |
| 84) 1,2,4-Trimethylbenzene | 13.26 | 105  | 108818   | 87.91  | ug/l   | 96     |
| 86) p-Isopropyltoluene     | 13.51 | 119  | 28673    | 21.62  | ug/l   | 95     |
| 95) Naphthalene            | 15.38 | 128  | 414837   | 563.07 | ug/l   | 97     |

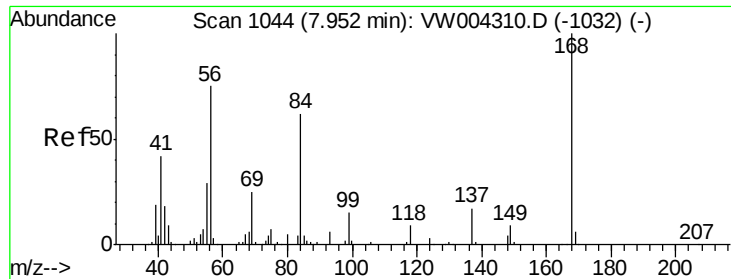
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\  
Data File : VW004353.D  
Acq On : 30 Jul 2018 10:10  
Operator : SY/AP  
Sample : J4126-07RE  
Misc : 5.04G/5ML/MSVOA W/SOIL  
ALS Vial : 55 Sample Multiplier: 1

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

Quant Time: Jul 30 13:09:37 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W073018S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 30 02:37:04 2018  
Response via : Initial Calibration



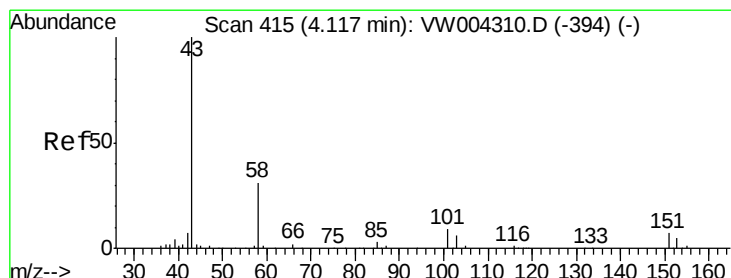
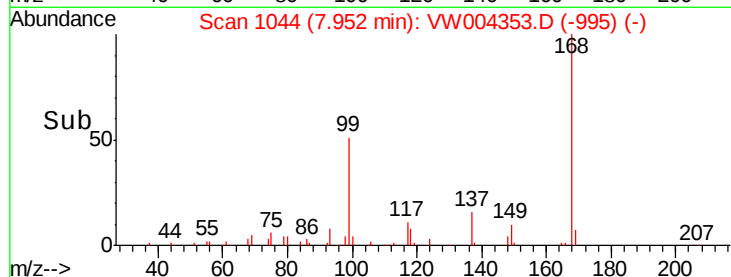
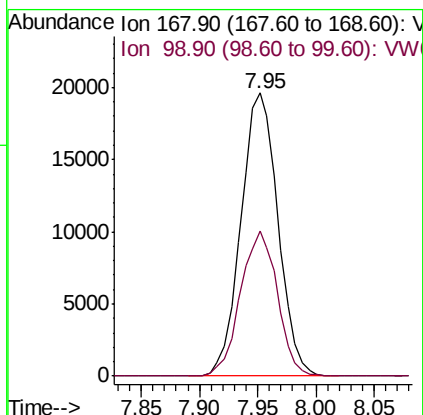
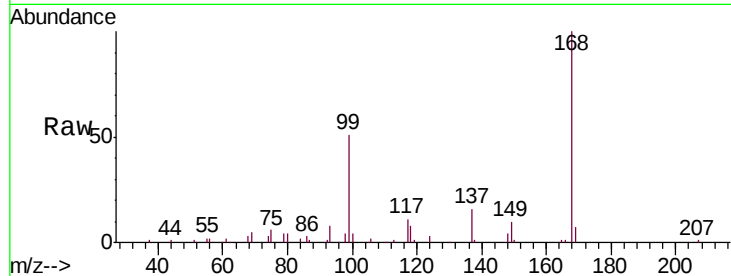


#1

Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 7.95 min Scan# 1044  
 Delta R.T. -0.00 min  
 Lab File: VW004353.D  
 Acq: 30 Jul 2018 10:10

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

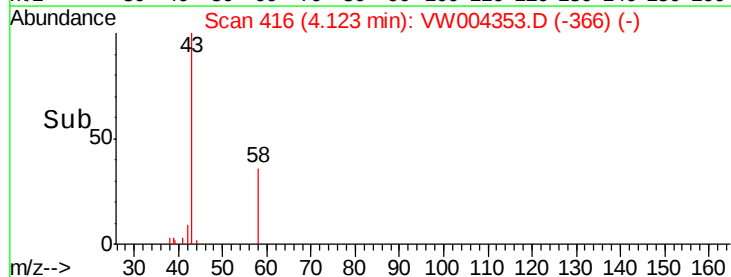
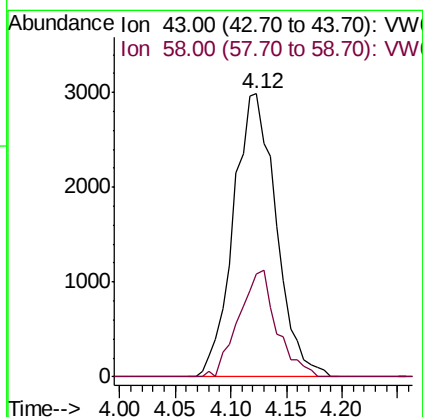
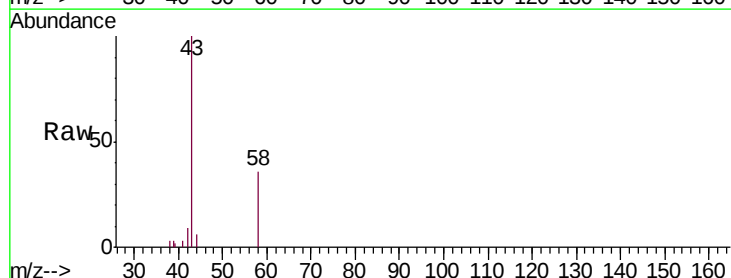
Tot Ion:168 Resp: 43520  
 Ion Ratio Lower Upper  
 168 100  
 99 51.3 45.0 67.4

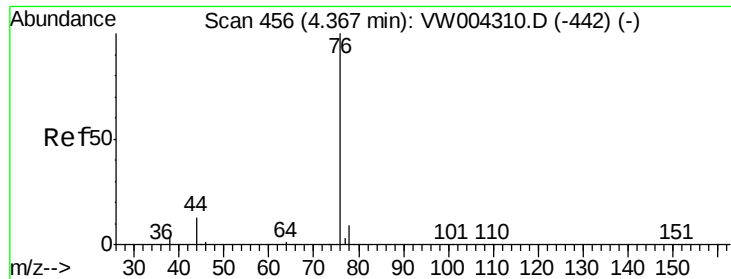


#16

Acetone  
 Concen: 81.58 ug/l  
 RT: 4.12 min Scan# 416  
 Delta R.T. 0.01 min  
 Lab File: VW004353.D  
 Acq: 30 Jul 2018 10:10

Tgt Ion: 43 Resp: 7963  
 Ion Ratio Lower Upper  
 43 100  
 58 36.4 24.8 37.2





#17

Carbon Disulfide

Concen: 4.02 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

Instrument :

MSVOA\_W

ClientSampleId :

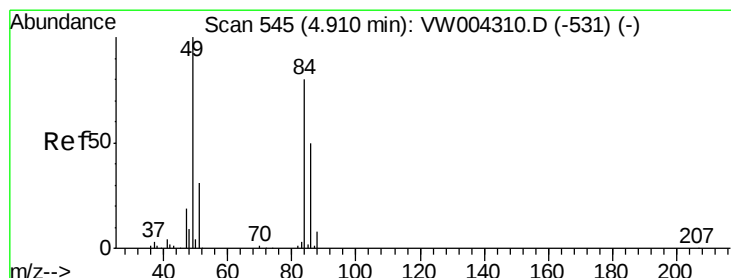
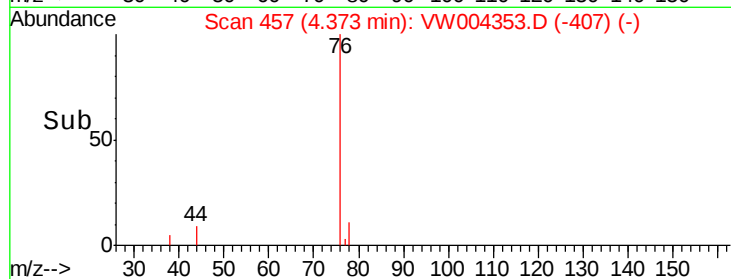
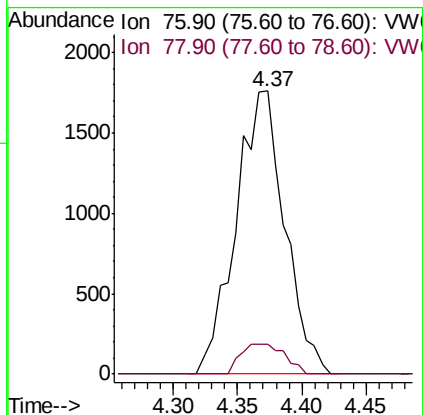
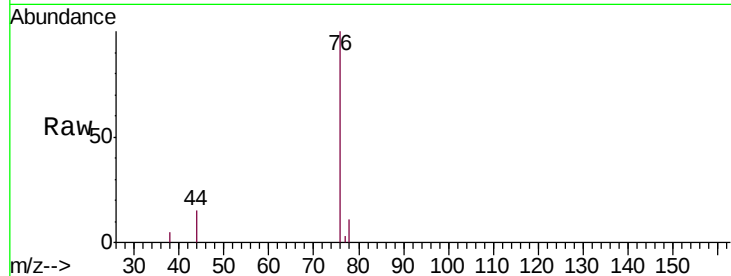
2018-NYSEG-CLARK-AREA-10RE

Tot Ion: 76 Resp: 4624

Ion Ratio Lower Upper

76 100

78 10.5 7.4 11.0



#20

Methylene Chloride

Concen: 12.11 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

Tgt Ion: 84 Resp: 5582

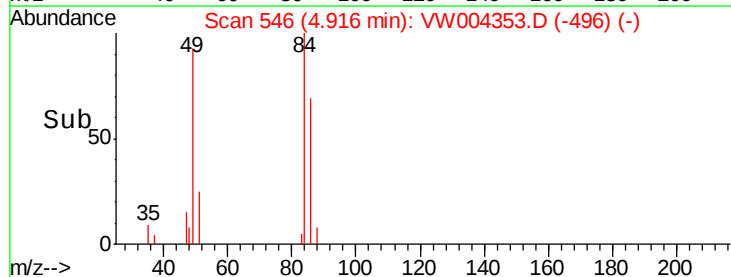
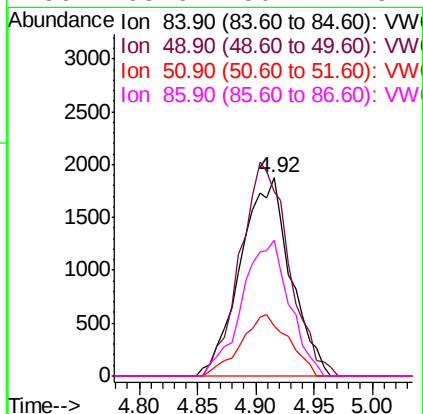
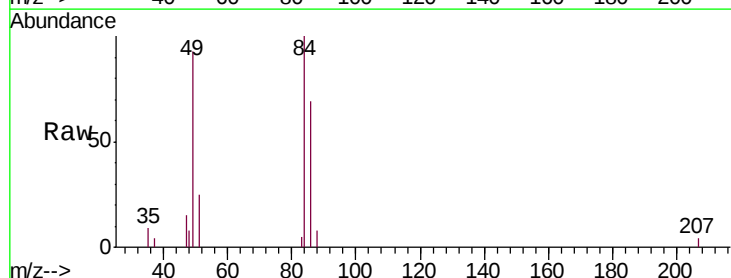
Ion Ratio Lower Upper

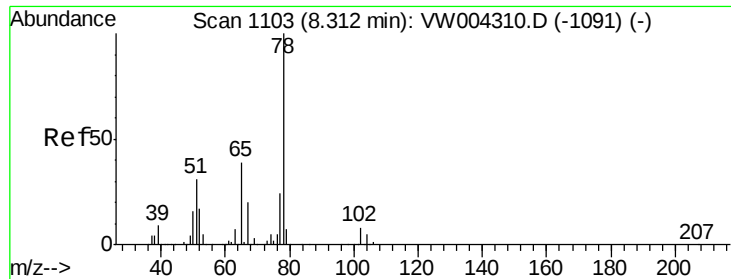
84 100

49 93.2 100.5 150.7#

51 24.9 30.9 46.3#

86 68.6 50.2 75.4





#33

1,2-Dichloroethane-d4

Concen: 58.08 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

Instrument :

MSVOA\_W

ClientSampleId :

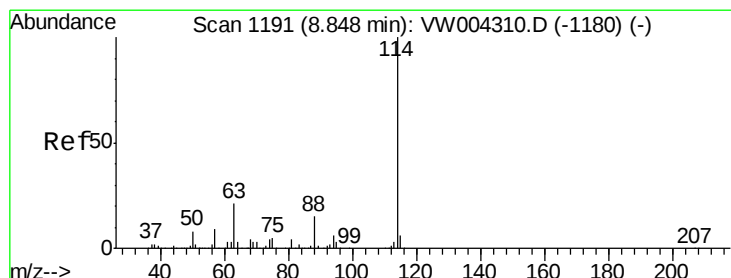
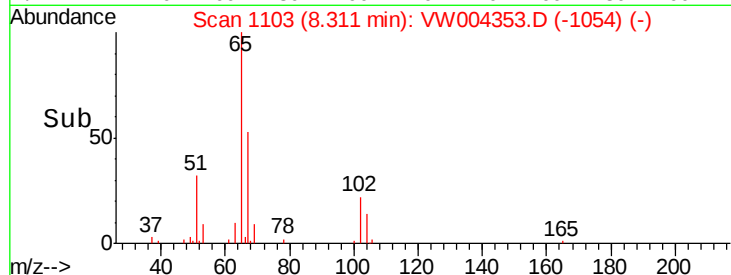
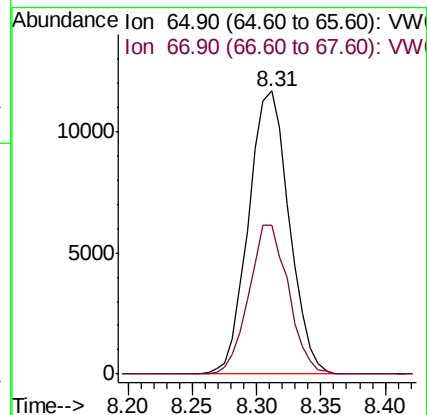
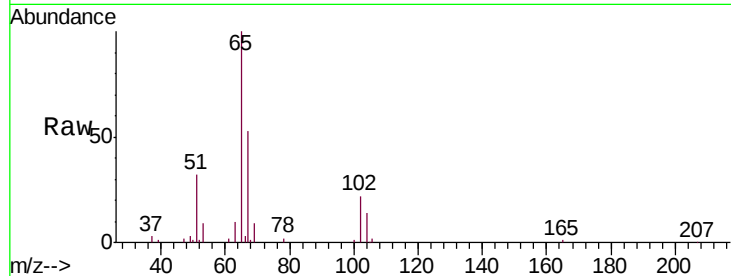
2018-NYSEG-CLARK-AREA-10RE

Tot Ion: 65 Resp: 25498

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

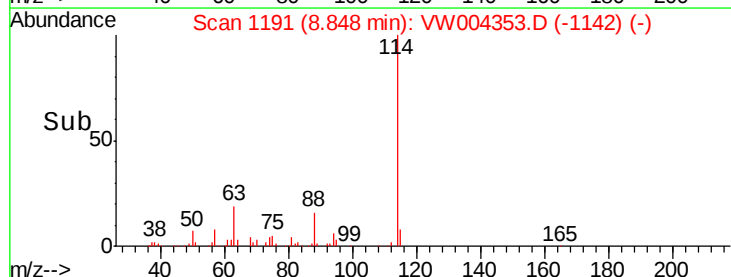
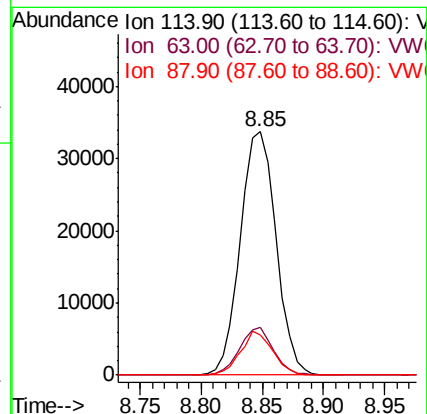
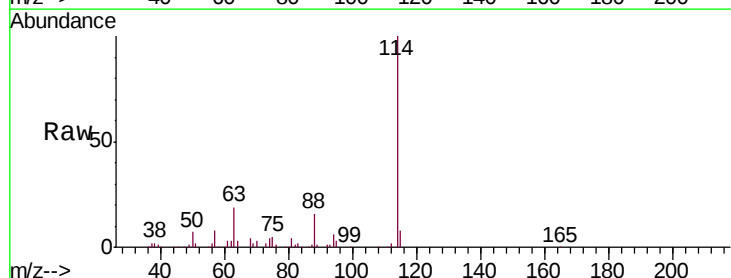
Tgt Ion: 114 Resp: 68567

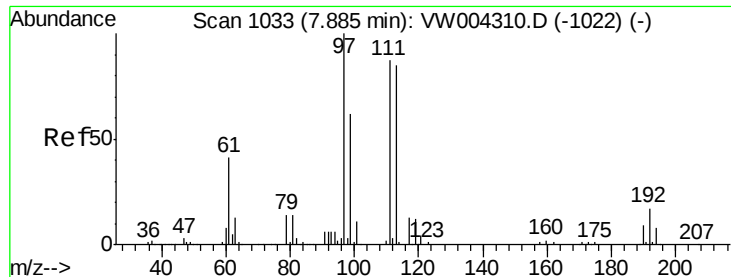
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

88 16.3 0.0 30.6

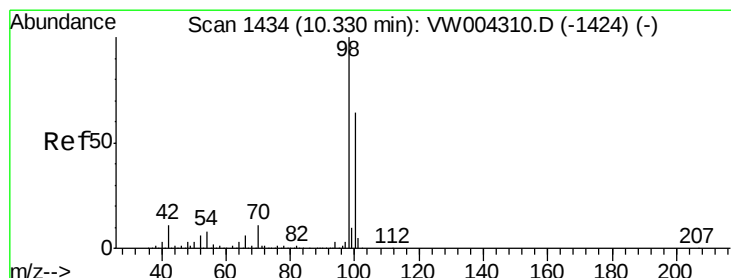
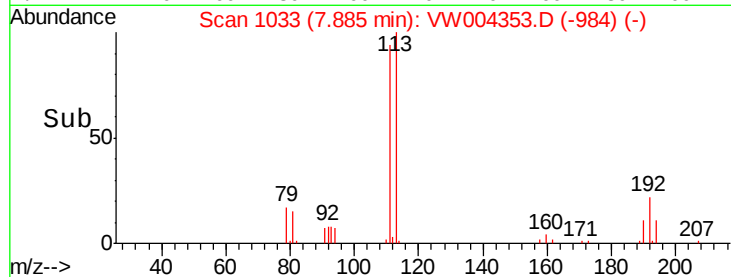
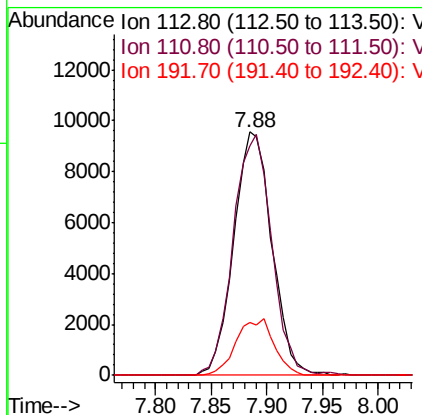
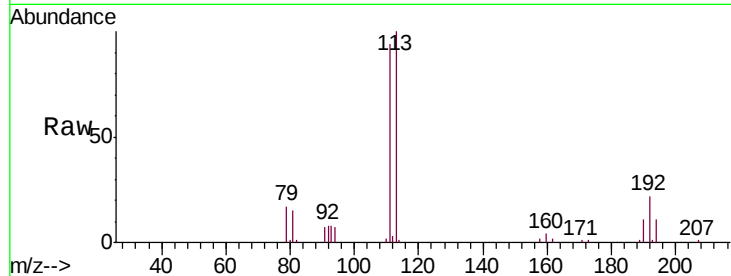




#35  
 Dibromofluoromethane  
 Concen: 52.49 ug/l  
 RT: 7.88 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: VW004353.D  
 Acq: 30 Jul 2018 10:10

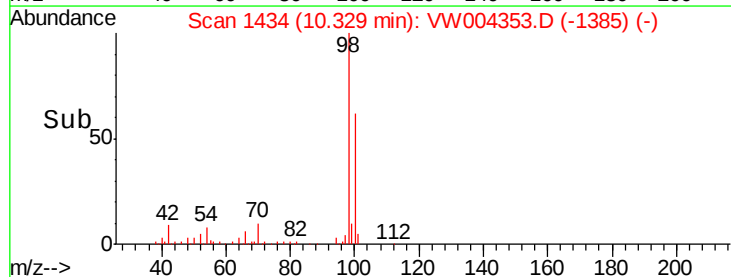
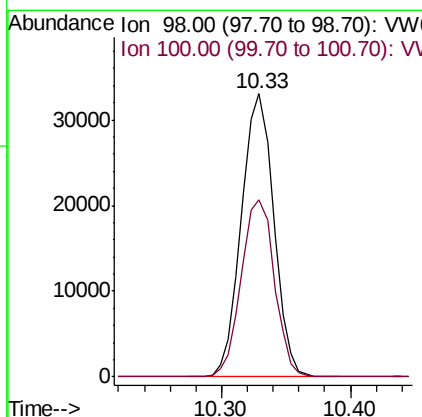
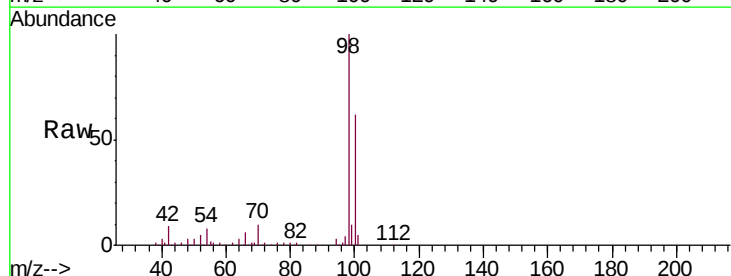
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 2018-NYSEG-CLARK-AREA-10RE

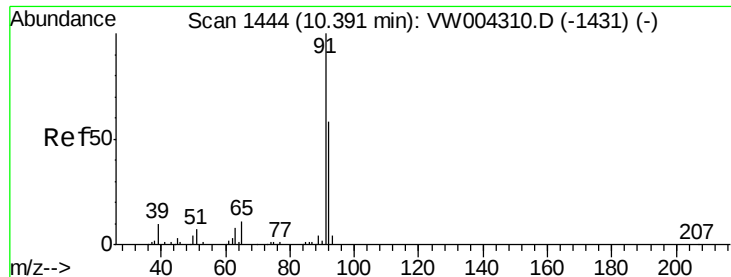
Tot Ion:113 Resp: 22746  
 Ion Ratio Lower Upper  
 113 100  
 111 99.6 82.1 123.1  
 192 23.0 16.2 24.4



#50  
 Toluene-d8  
 Concen: 33.59 ug/l  
 RT: 10.33 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW004353.D  
 Acq: 30 Jul 2018 10:10

Tgt Ion: 98 Resp: 57523  
 Ion Ratio Lower Upper  
 98 100  
 100 64.0 51.5 77.3





#52

Toluene

Concen: 1.05 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

Instrument :

MSVOA\_W

ClientSampleId :

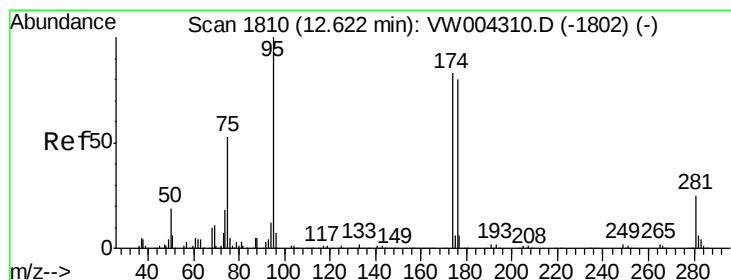
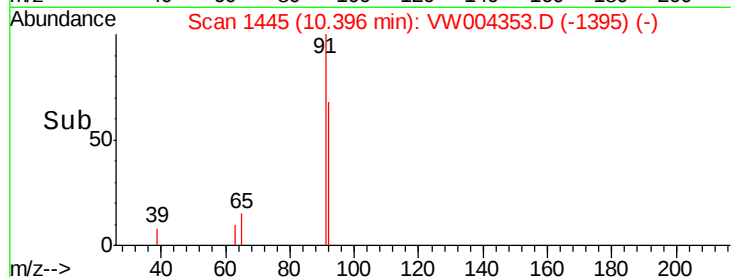
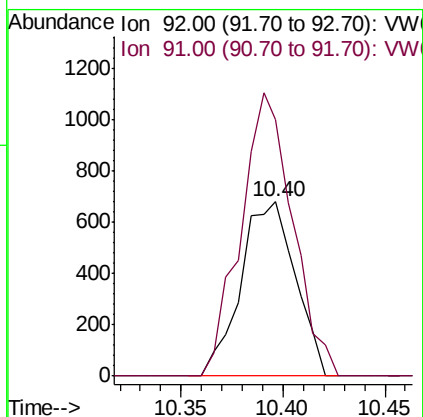
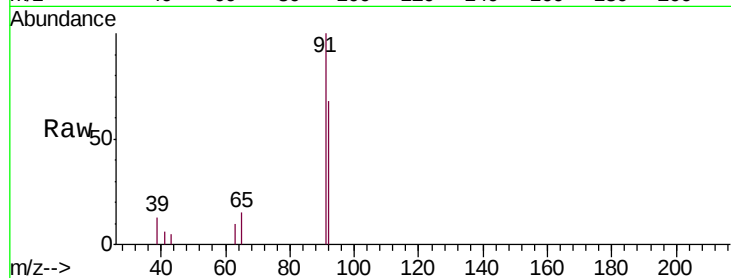
2018-NYSEG-CLARK-AREA-10RE

Tot Ion: 92 Resp: 1268

Ion Ratio Lower Upper

92 100

91 154.3 139.0 208.4



#62

4-Bromofluorobenzene

Concen: 36.74 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

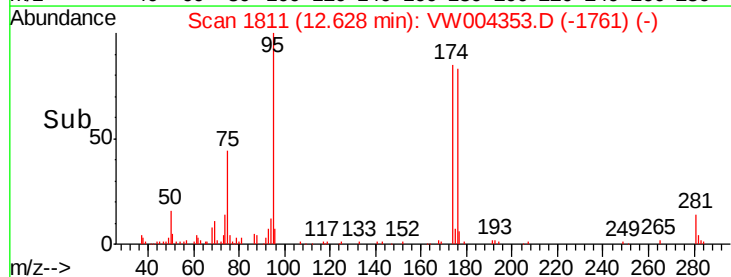
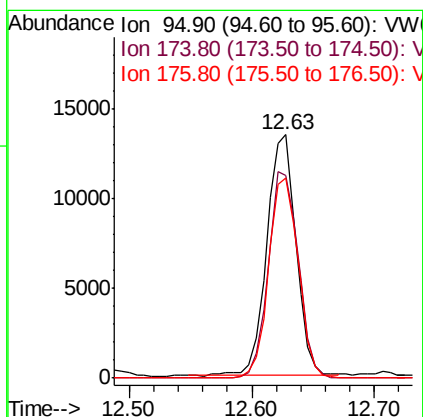
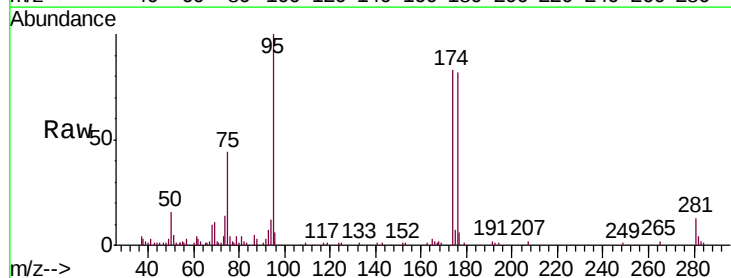
Tgt Ion: 95 Resp: 22153

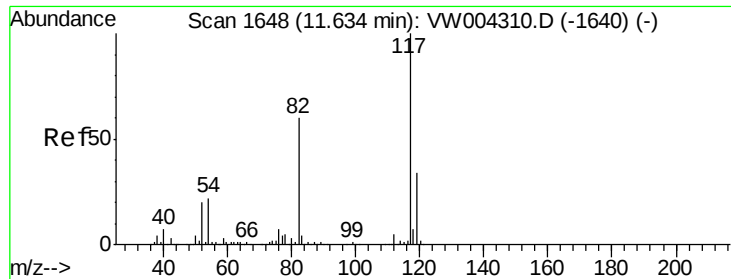
Ion Ratio Lower Upper

95 100

174 88.1 0.0 167.8

176 84.8 0.0 162.4

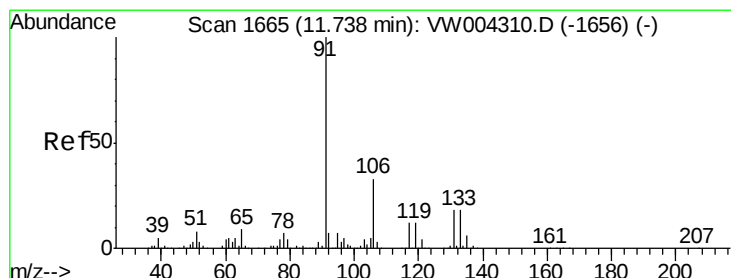
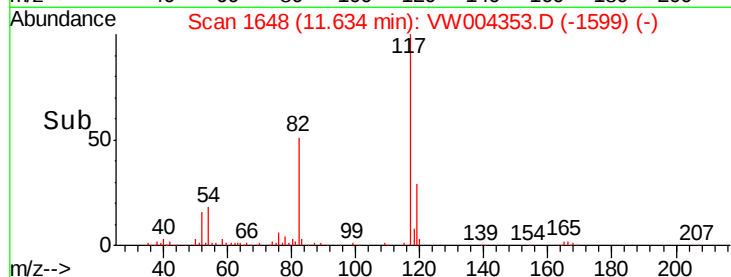
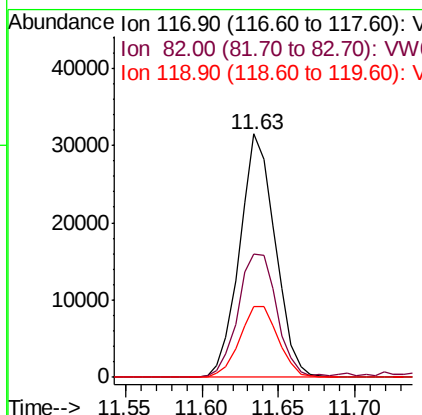
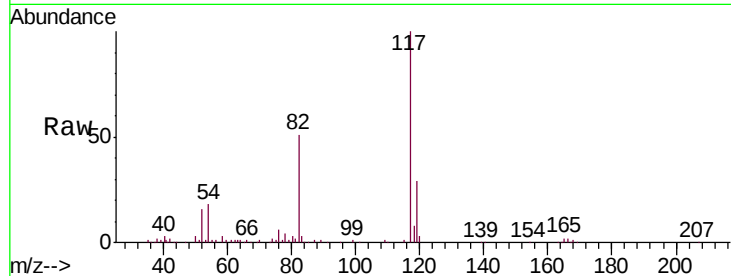




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. -0.00 min  
Lab File: VW004353.D  
Acq: 30 Jul 2018 10:10

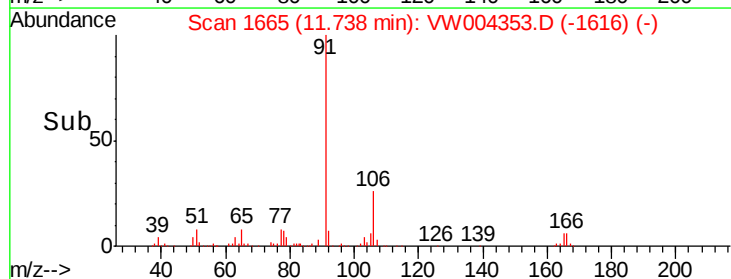
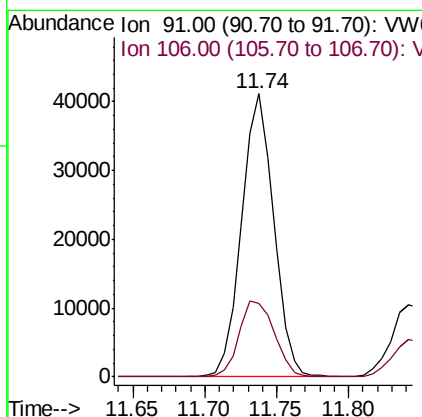
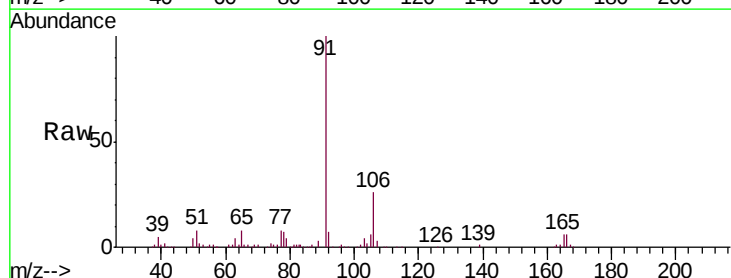
Instrument :  
MSVOA\_W  
ClientSampleId :  
2018-NYSEG-CLARK-AREA-10RE

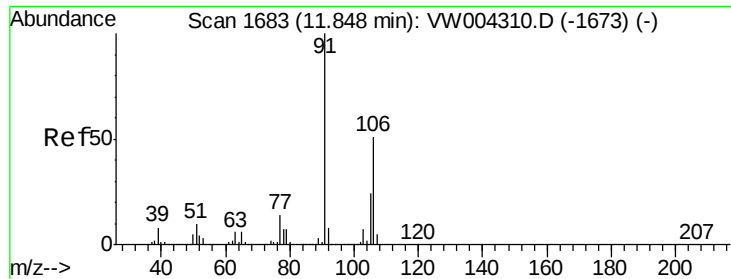
Tot Ion:117 Resp: 50810  
Ion Ratio Lower Upper  
117 100  
82 50.5 47.9 71.9  
119 29.2 27.1 40.7



#67  
Ethyl Benzene  
Concen: 34.17 ug/l  
RT: 11.74 min Scan# 1665  
Delta R.T. -0.00 min  
Lab File: VW004353.D  
Acq: 30 Jul 2018 10:10

Tgt Ion: 91 Resp: 63556  
Ion Ratio Lower Upper  
91 100  
106 26.1 26.1 39.1#

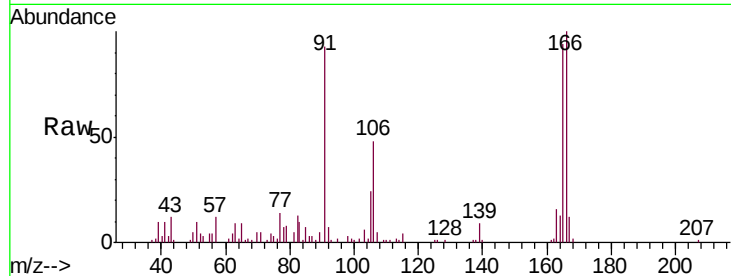




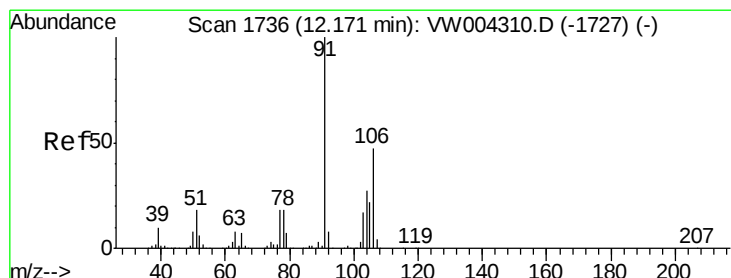
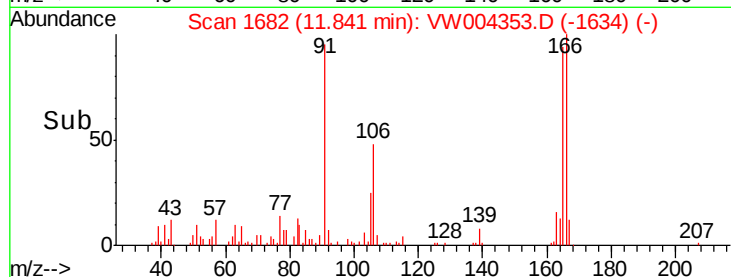
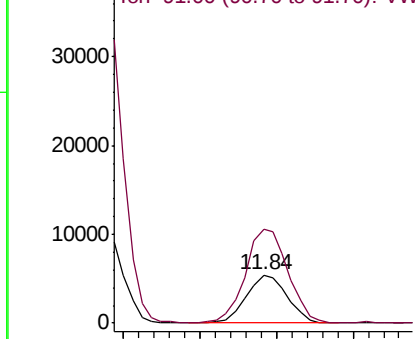
#68  
m/p-Xylenes  
Concen: 14.04 ug/l  
RT: 11.84 min Scan# 1682  
Delta R.T. -0.01 min  
Lab File: VW004353.D  
Acq: 30 Jul 2018 10:10

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

Tot Ion:106 Resp: 10049  
Ion Ratio Lower Upper  
106 100  
91 200.5 162.2 243.2

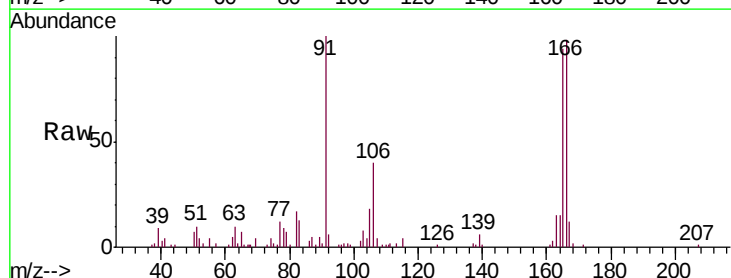


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VW

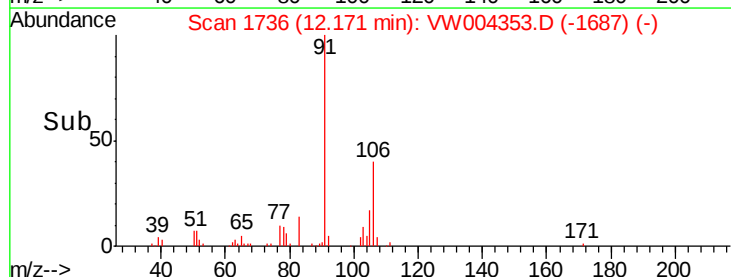
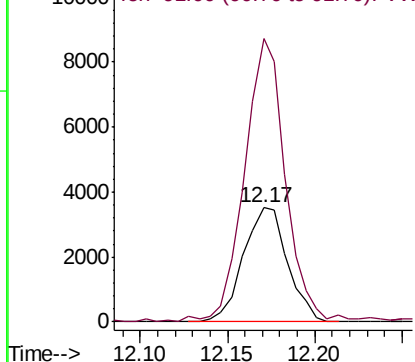


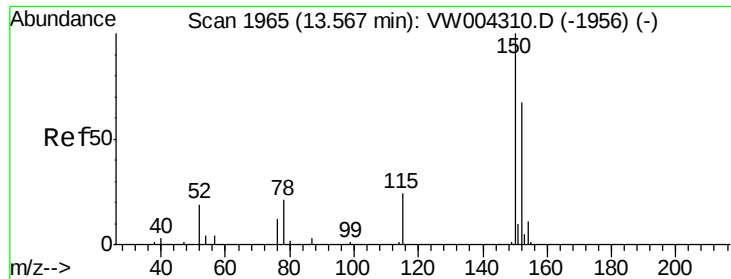
#69  
o-Xylene  
Concen: 9.33 ug/l  
RT: 12.17 min Scan# 1736  
Delta R.T. -0.00 min  
Lab File: VW004353.D  
Acq: 30 Jul 2018 10:10

Tgt Ion:106 Resp: 6168  
Ion Ratio Lower Upper  
106 100  
91 231.3 108.7 326.1



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VW



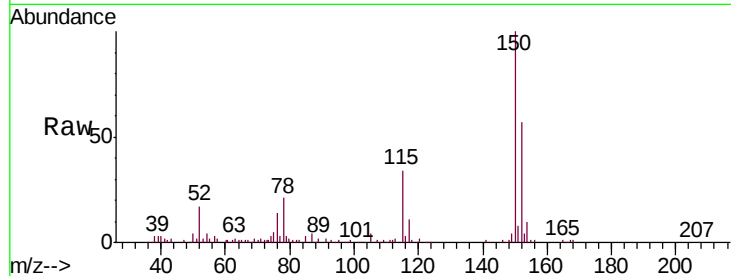


#72

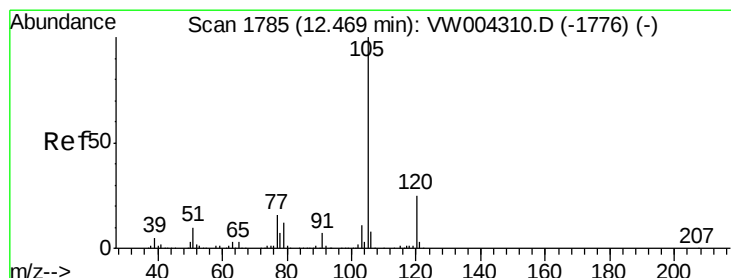
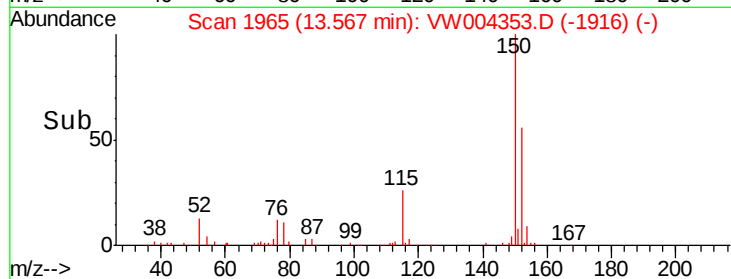
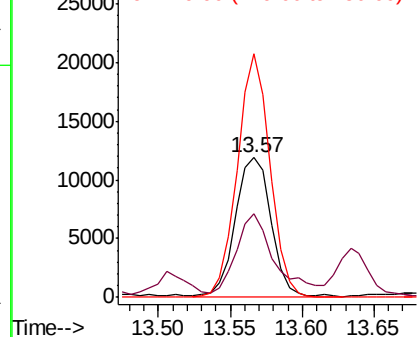
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.57 min Scan# 1965  
Delta R.T. -0.00 min  
Lab File: VW004353.D  
Acq: 30 Jul 2018 10:10

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 58.3  | 28.8  | 86.4  |
| 150     | 160.7 | 0.0   | 346.4 |



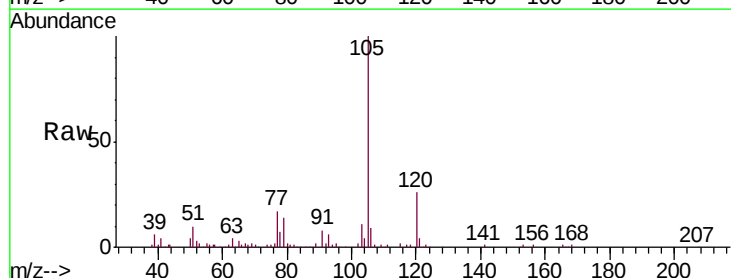
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



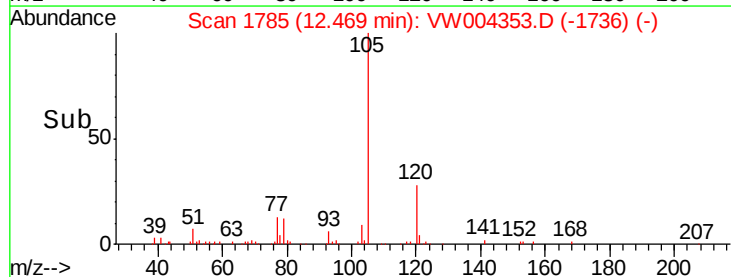
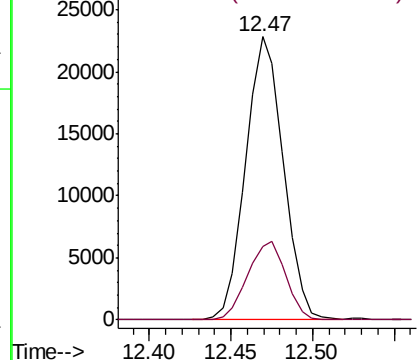
#73

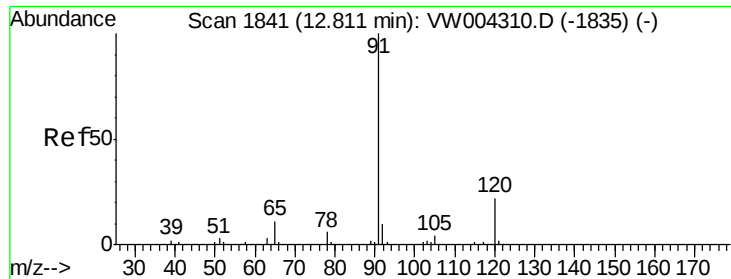
Isopropylbenzene  
Concen: 26.08 ug/l  
RT: 12.47 min Scan# 1785  
Delta R.T. -0.00 min  
Lab File: VW004353.D  
Acq: 30 Jul 2018 10:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 28.2  | 13.2  | 39.6  |



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 11.38 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

Instrument :

MSVOA\_W

ClientSampleId :

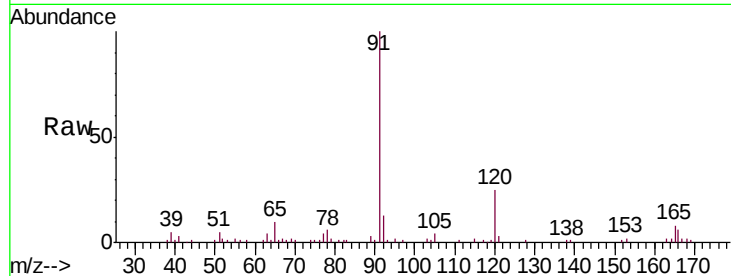
2018-NYSEG-CLARK-AREA-10RE

Tot Ion: 91 Resp: 19530

Ion Ratio Lower Upper

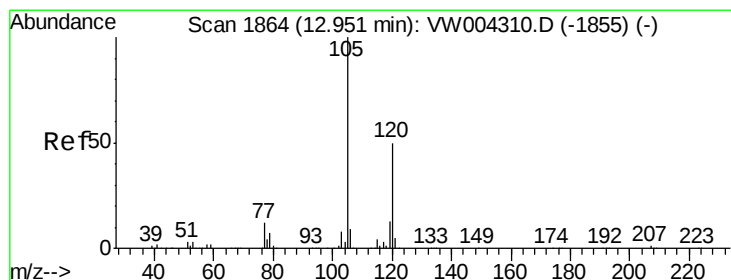
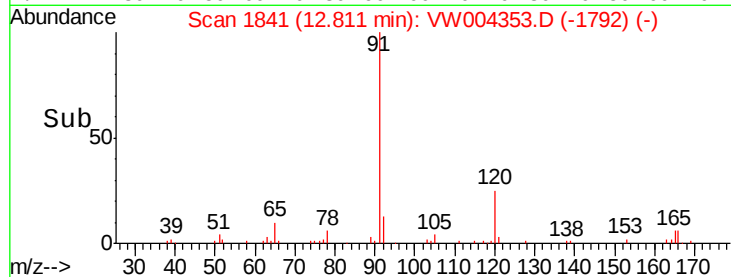
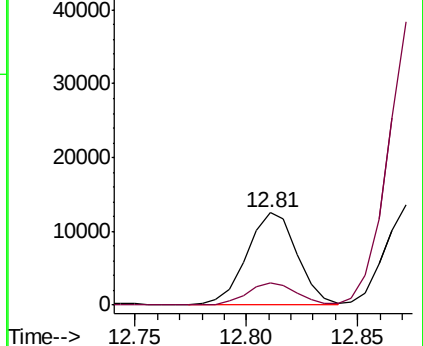
91 100

120 24.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 75.49 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004353.D

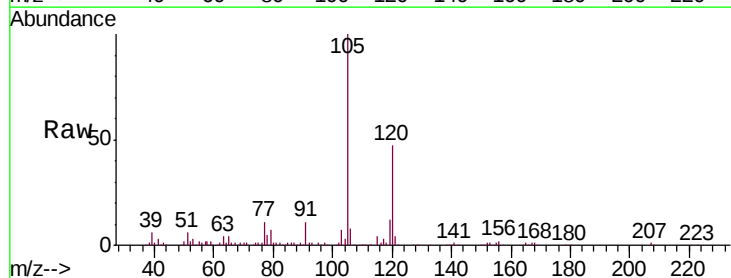
Acq: 30 Jul 2018 10:10

Tgt Ion:105 Resp: 91626

Ion Ratio Lower Upper

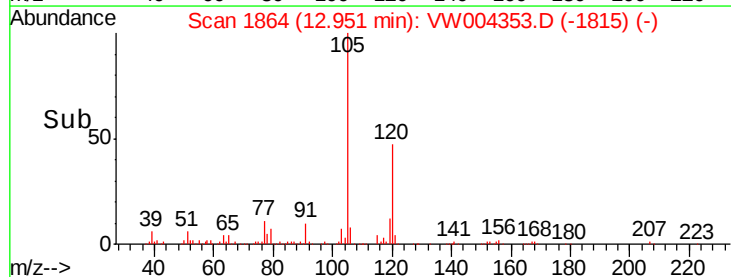
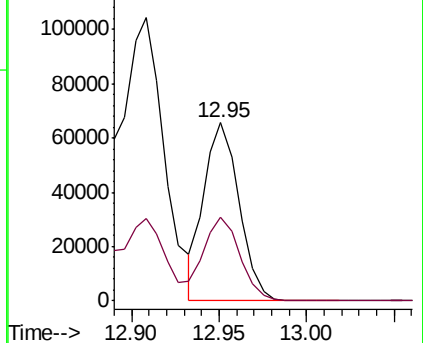
105 100

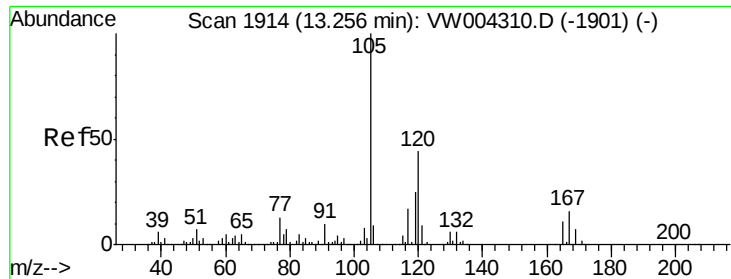
120 50.4 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

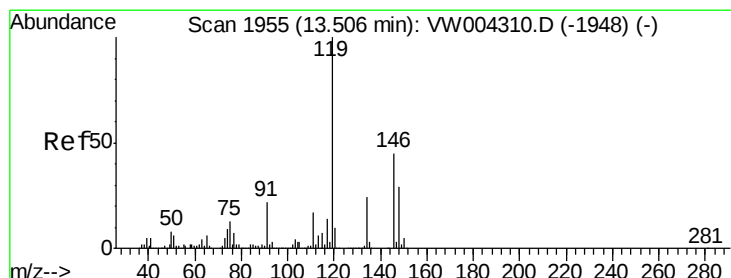
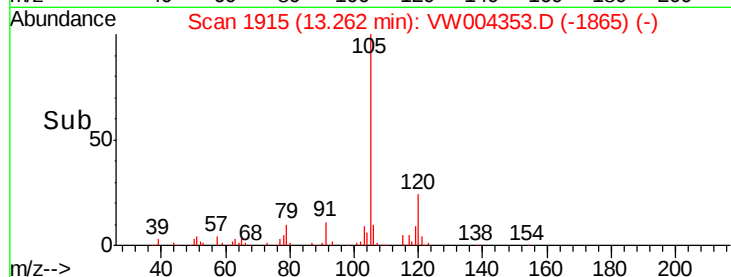
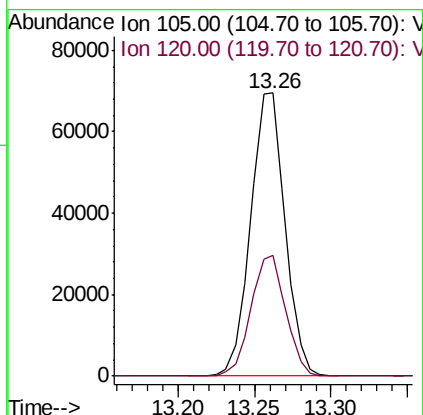
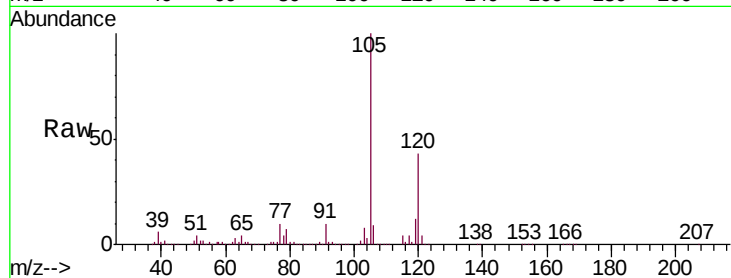




#84  
 1,2,4-Trimethylbenzene  
 Concen: 87.91 ug/l  
 RT: 13.26 min Scan# 1915  
 Delta R.T. 0.01 min  
 Lab File: VW004353.D  
 Acq: 30 Jul 2018 10:10

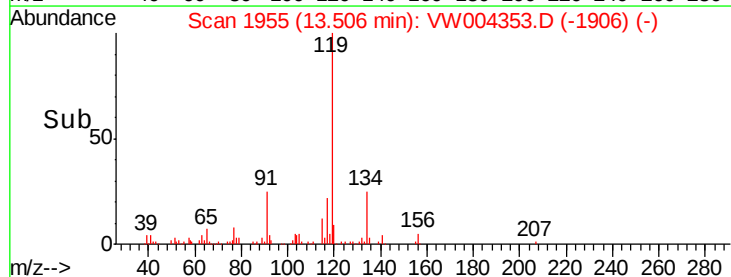
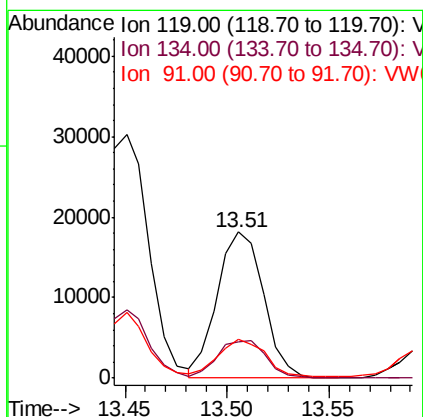
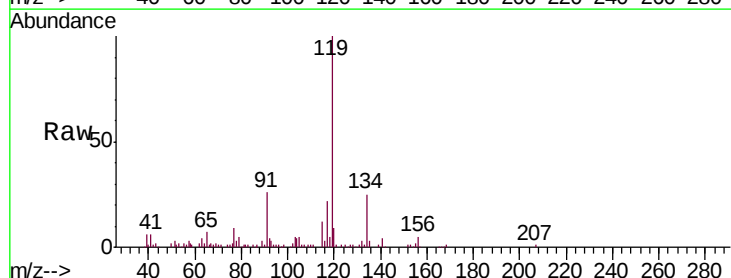
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 2018-NYSEG-CLARK-AREA-10RE

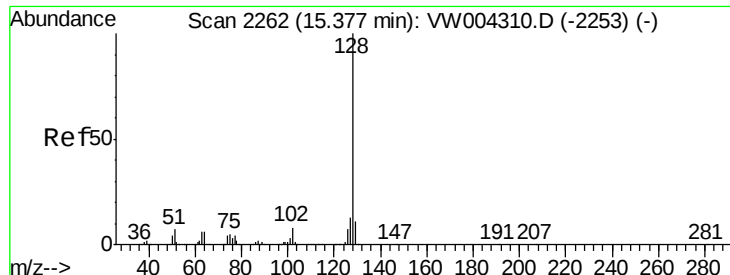
Tot Ion:105 Resp: 108818  
 Ion Ratio Lower Upper  
 105 100  
 120 42.8 22.7 68.0



#86  
 p-Isopropyltoluene  
 Concen: 21.62 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. -0.00 min  
 Lab File: VW004353.D  
 Acq: 30 Jul 2018 10:10

Tgt Ion:119 Resp: 28673  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 12.6 37.8  
 91 26.2 11.3 33.9





#95

Naphthalene

Concen: 563.07 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004353.D

Acq: 30 Jul 2018 10:10

Instrument :

MSVOA\_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-10RE

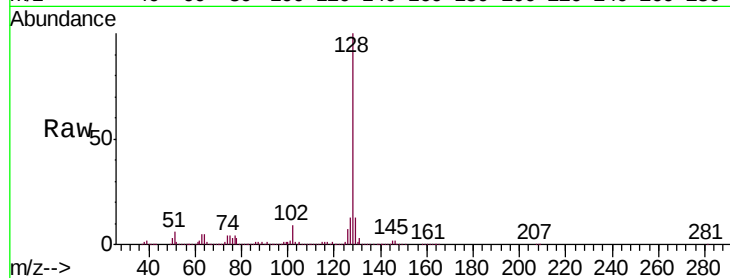
Tot Ion:128 Resp: 414837

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 12.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

