

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012621\  
 Data File : VX020765.D  
 Acq On : 26 Jan 2021 19:48  
 Operator : JC/SP  
 Sample : M1217-16 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1710

Quant Time: Jan 27 00:59:47 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X012521W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 25 13:38:15 2021  
 Response via : Initial Calibration

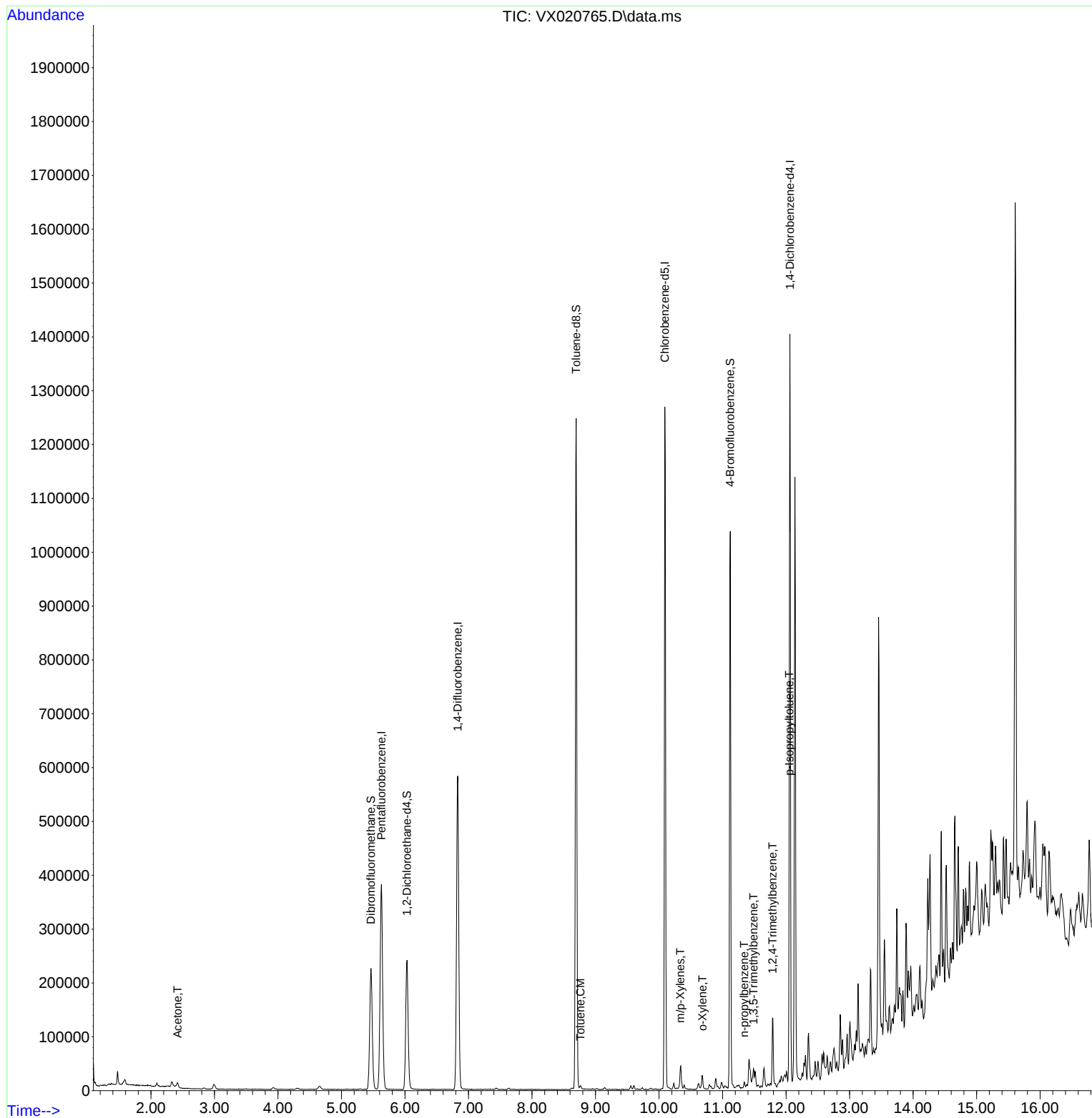
| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 5.629          | 168  | 354969     | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.830          | 114  | 600417     | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.092         | 117  | 592278     | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.061         | 152  | 282129     | 50.00   | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.031          | 65   | 229623     | 47.43   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 94.86%  |        |          |
| 35) Dibromofluoromethane    | 5.464          | 113  | 197236     | 47.96   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 95.92%  |        |          |
| 50) Toluene-d8              | 8.696          | 98   | 757107     | 50.21   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 100.42% |        |          |
| 62) 4-Bromofluorobenzene    | 11.122         | 95   | 291062     | 49.71   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 99.42%  |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         | Qvalue |          |
| 16) Acetone                 | 2.416          | 43   | 9465       | 5.16    | ug/l   | 94       |
| 52) Toluene                 | 8.763          | 92   | 2246       | 0.20    | ug/l   | 92       |
| 68) m/p-Xylenes             | 10.336         | 106  | 9609       | 1.16    | ug/l   | 95       |
| 69) o-Xylene                | 10.683         | 106  | 5670       | 0.73    | ug/l   | 94       |
| 78) n-propylbenzene         | 11.341         | 91   | 7072       | 0.30    | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene  | 11.488         | 105  | 12320      | 0.71    | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene  | 11.787         | 105  | 55080      | 3.13    | ug/l   | 99       |
| 86) p-Isopropyltoluene      | 12.049         | 119  | 20403      | 1.13    | ug/l   | 93       |
| -----                       |                |      |            |         |        |          |

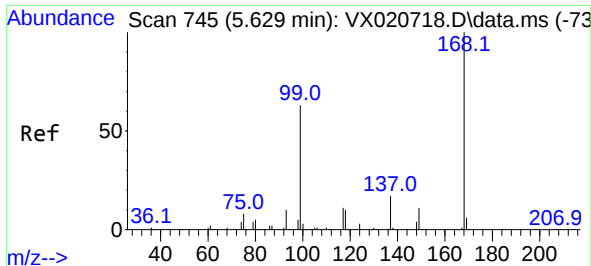
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Mon Jan 25 13:38:15 2021  
Response via : Initial Calibration

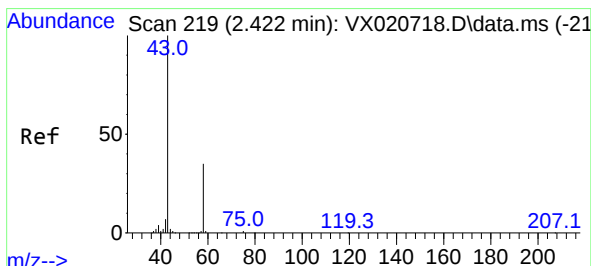
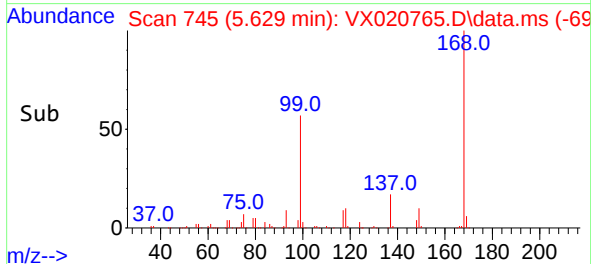
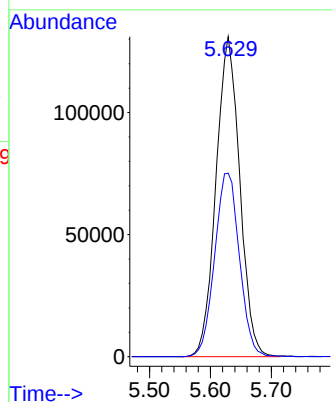
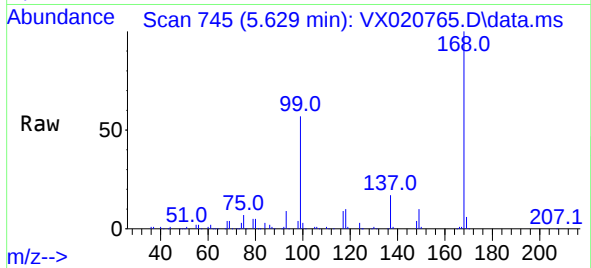




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

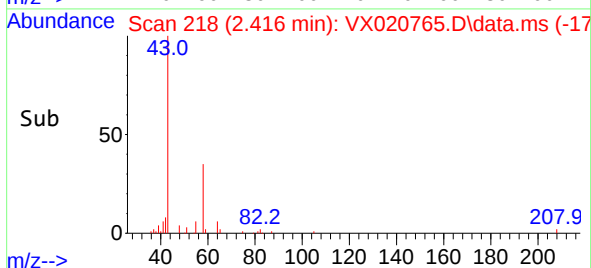
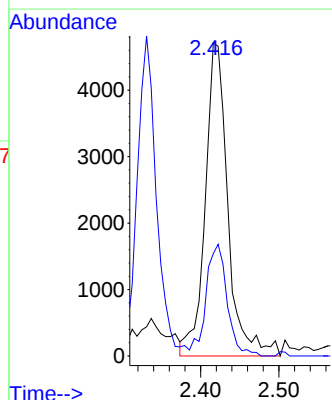
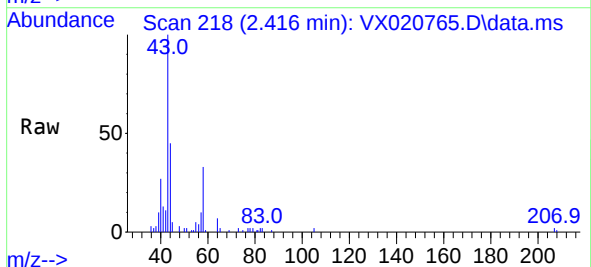
Instrument :  
MSVOA\_X  
ClientSampleId :  
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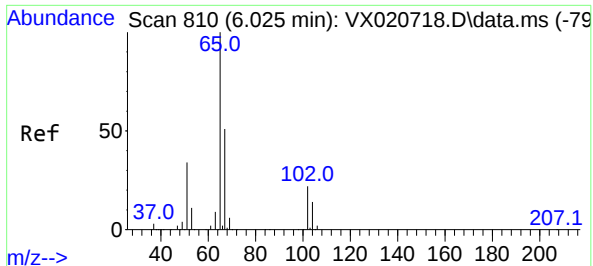
Tgt Ion:168 Resp: 354969  
Ion Ratio Lower Upper  
168 100  
99 57.3 45.8 68.6



#16  
Acetone  
Concen: 5.16 ug/l  
RT: 2.416 min Scan# 218  
Delta R.T. -0.006 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

Tgt Ion: 43 Resp: 9465  
Ion Ratio Lower Upper  
43 100  
58 31.3 27.8 41.8

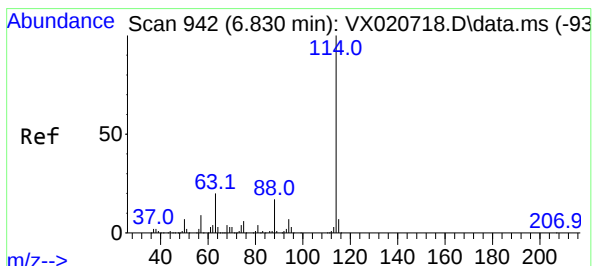
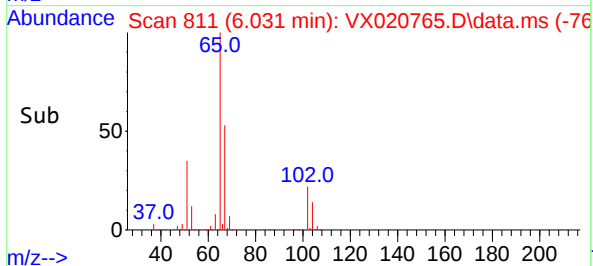
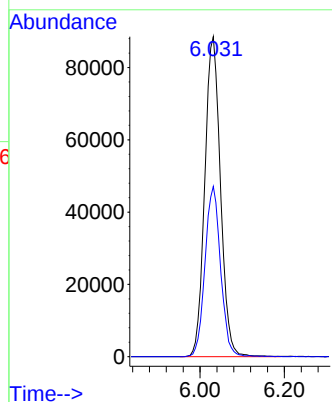
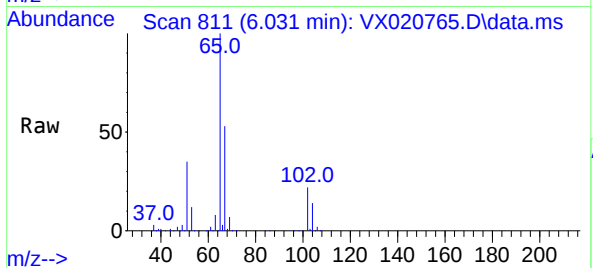




#33  
1,2-Dichloroethane-d4  
Concen: 47.43 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

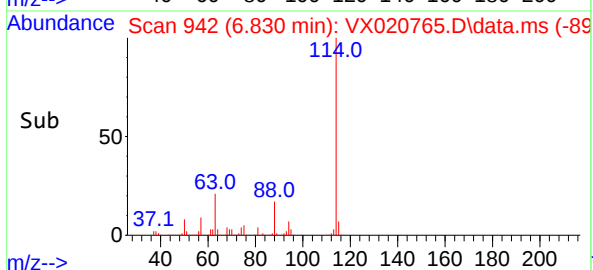
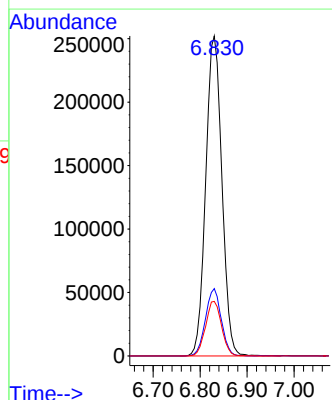
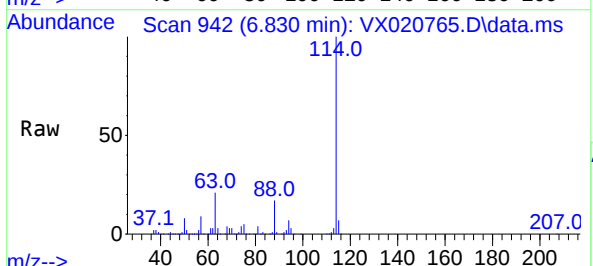
Instrument :  
MSVOA\_X  
ClientSampleId :  
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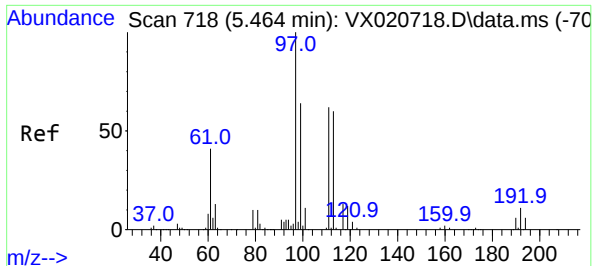
Tgt Ion: 65 Resp: 229623  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 105.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.830 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

Tgt Ion: 114 Resp: 600417  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 40.8  
88 17.1 0.0 32.8

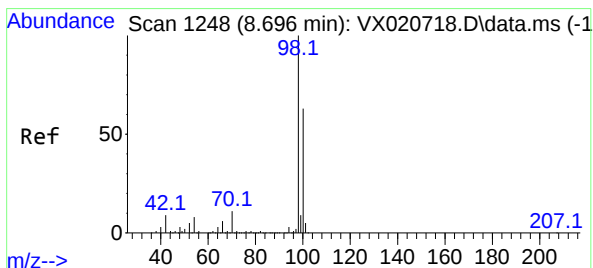
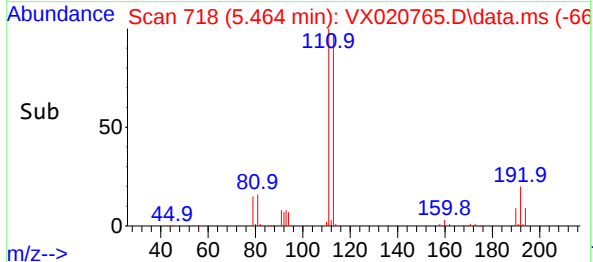
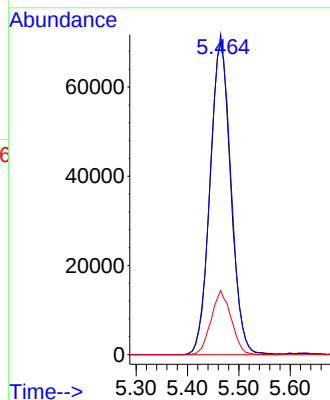
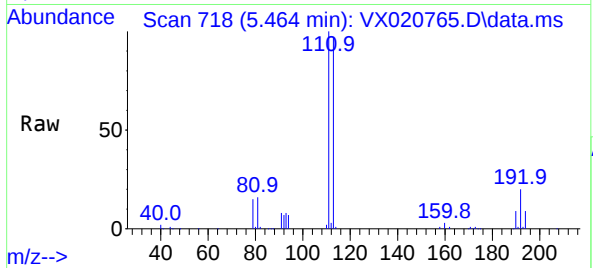




#35  
Dibromofluoromethane  
Concen: 47.96 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

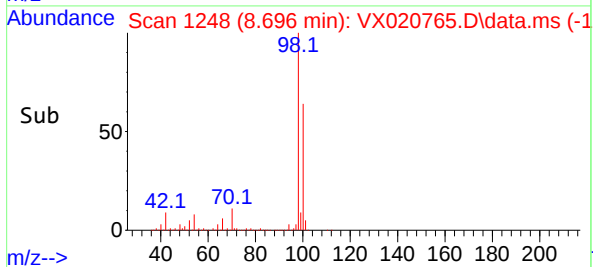
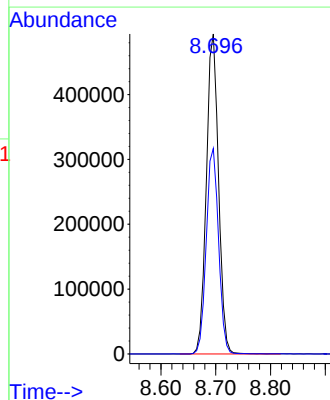
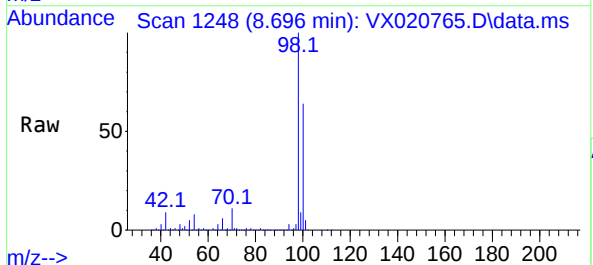
Instrument :  
MSVOA\_X  
ClientSampleId :  
1710

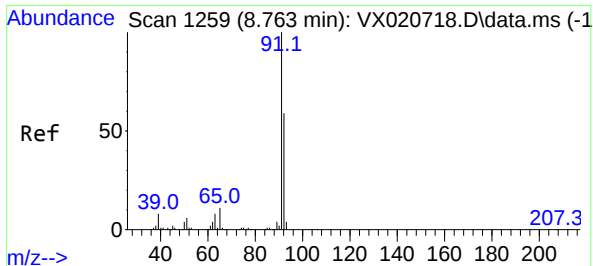
Tgt Ion:113 Resp: 197236  
Ion Ratio Lower Upper  
113 100  
111 101.7 81.9 122.9  
192 19.8 16.7 25.1



#50  
Toluene-d8  
Concen: 50.21 ug/l  
RT: 8.696 min Scan# 1248  
Delta R.T. -0.000 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

Tgt Ion: 98 Resp: 757107  
Ion Ratio Lower Upper  
98 100  
100 64.9 51.9 77.9

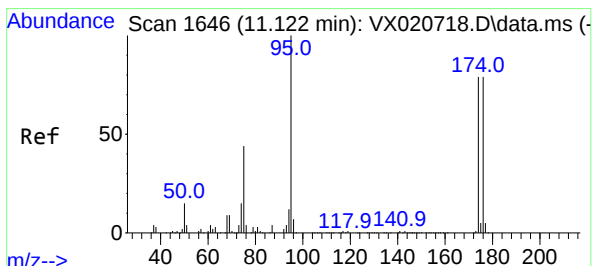
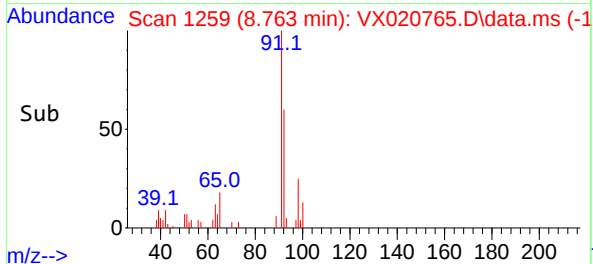
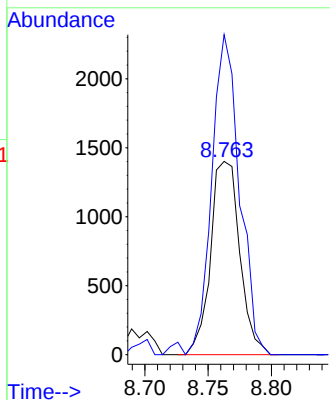
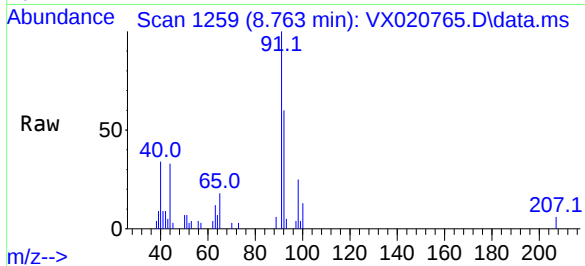




#52  
Toluene  
Concen: 0.20 ug/l  
RT: 8.763 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

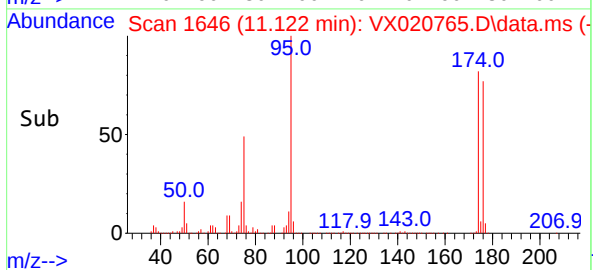
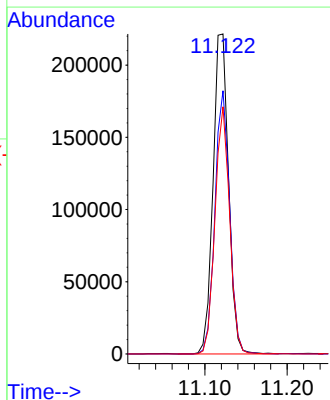
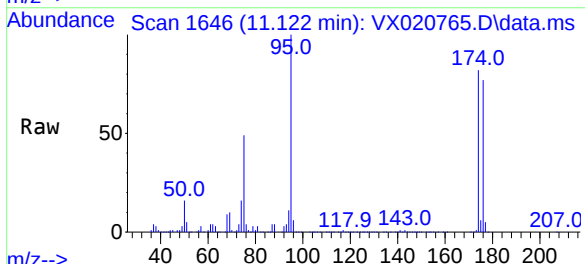
Instrument :  
MSVOA\_X  
ClientSampled :  
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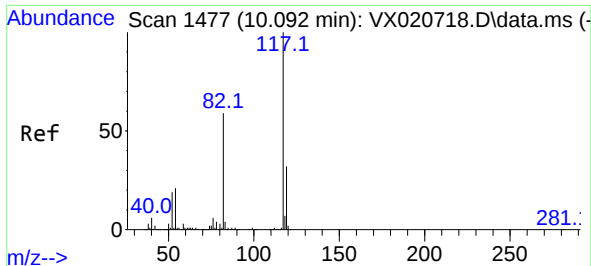
Tgt Ion: 92 Resp: 2246  
Ion Ratio Lower Upper  
92 100  
91 160.0 137.1 205.7



#62  
4-Bromofluorobenzene  
Concen: 49.71 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

Tgt Ion: 95 Resp: 291062  
Ion Ratio Lower Upper  
95 100  
174 77.9 0.0 154.6  
176 72.8 0.0 155.8

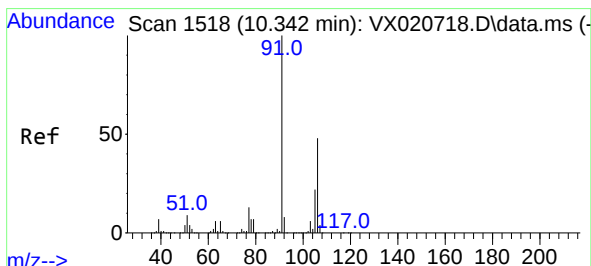
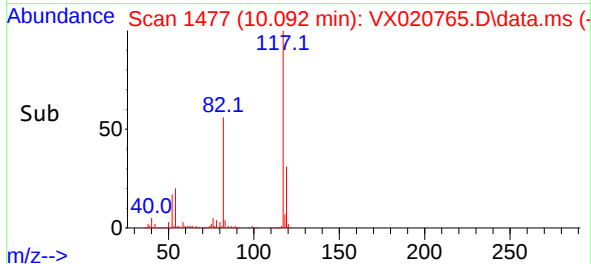
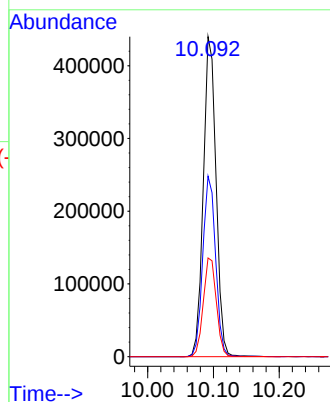
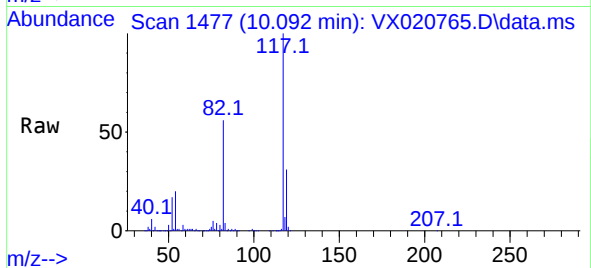




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.092 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

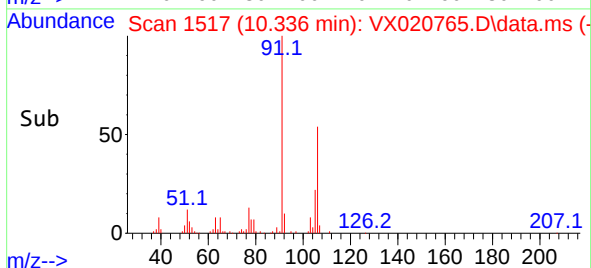
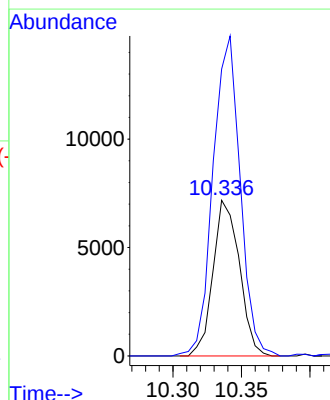
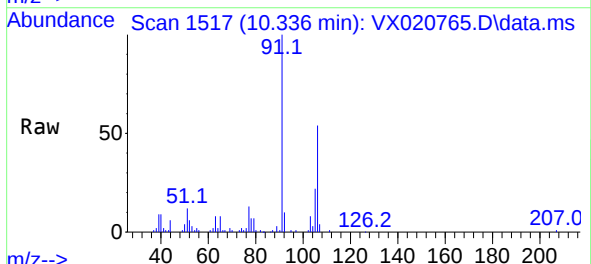
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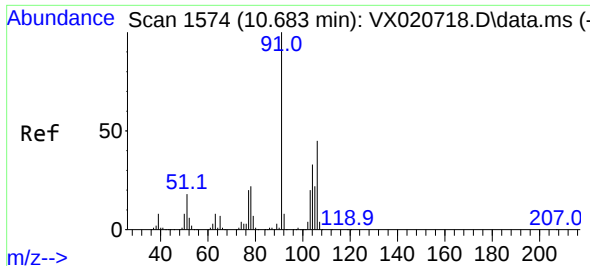
Tgt Ion:117 Resp: 592278  
Ion Ratio Lower Upper  
117 100  
82 56.4 47.4 71.2  
119 30.9 26.6 39.8



#68  
m/p-Xylenes  
Concen: 1.16 ug/l  
RT: 10.336 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

Tgt Ion:106 Resp: 9609  
Ion Ratio Lower Upper  
106 100  
91 211.6 162.8 244.2

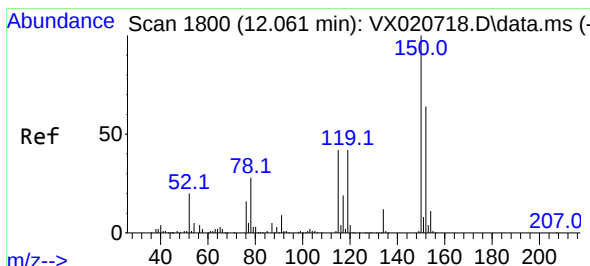
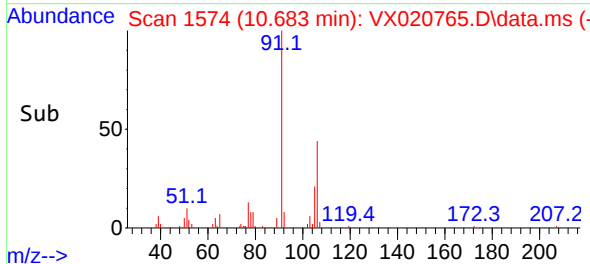
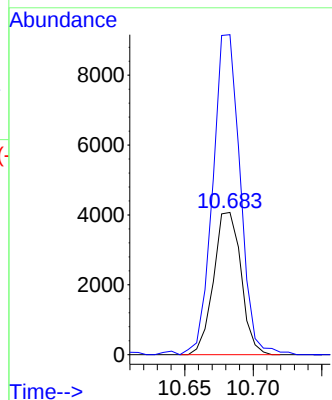
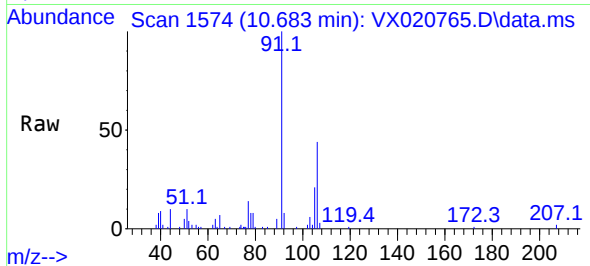




#69  
o-Xylene  
Concen: 0.73 ug/l  
RT: 10.683 min Scan# 1574  
Delta R.T. 0.000 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

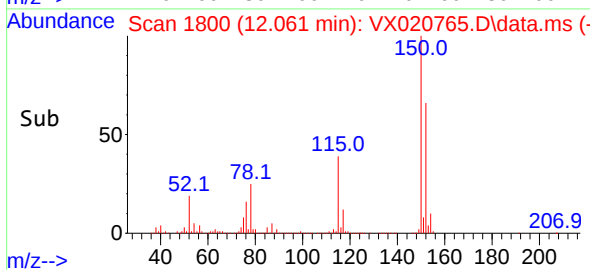
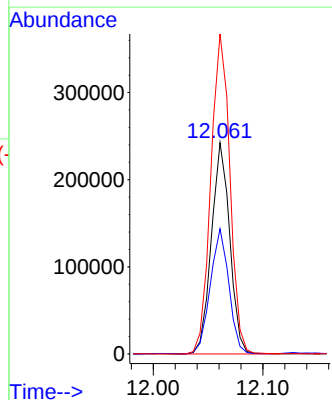
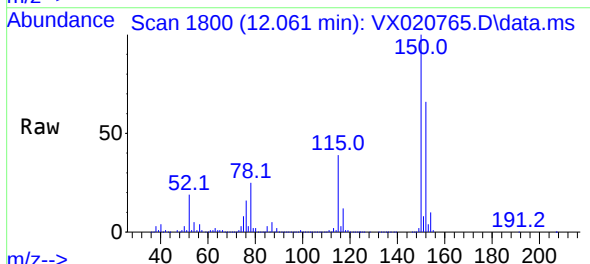
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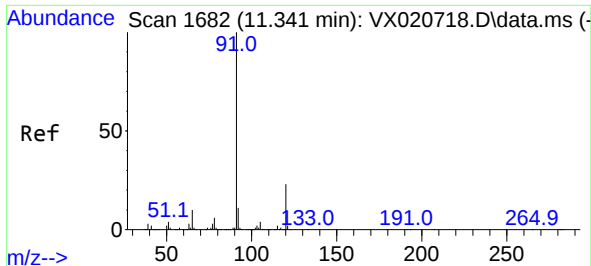
Tgt Ion:106 Resp: 5670  
Ion Ratio Lower Upper  
106 100  
91 225.3 108.1 324.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.061 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

Tgt Ion:152 Resp: 282129  
Ion Ratio Lower Upper  
152 100  
115 60.0 41.1 123.3  
150 157.3 0.0 349.0

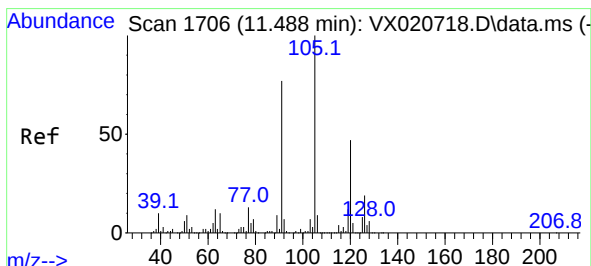
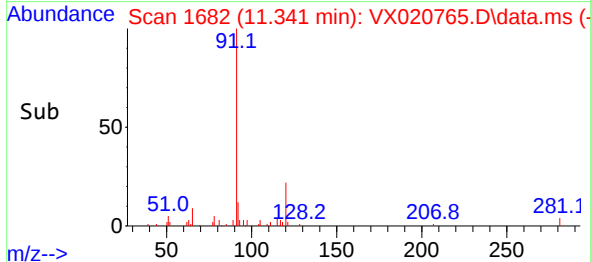
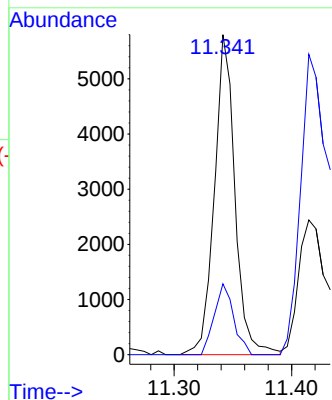
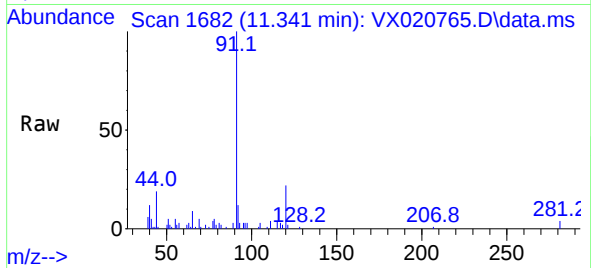




#78  
n-propylbenzene  
Concen: 0.30 ug/l  
RT: 11.341 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

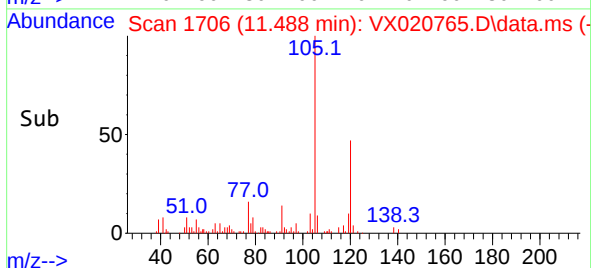
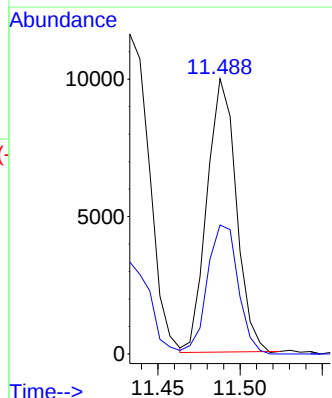
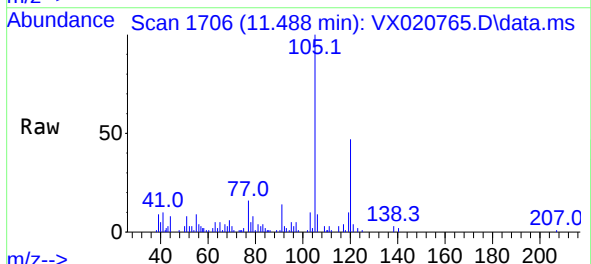
Instrument :  
MSVOA\_X  
ClientSampled :  
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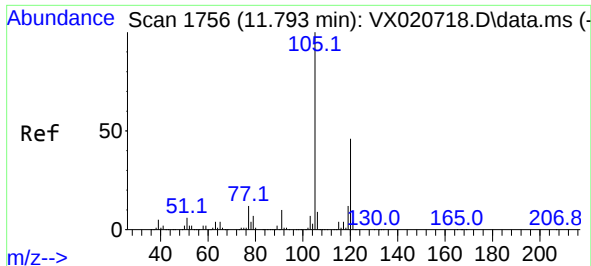
Tgt Ion: 91 Resp: 7072  
Ion Ratio Lower Upper  
91 100  
120 20.9 11.5 34.5



#80  
1,3,5-Trimethylbenzene  
Concen: 0.71 ug/l  
RT: 11.488 min Scan# 1706  
Delta R.T. -0.000 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

Tgt Ion: 105 Resp: 12320  
Ion Ratio Lower Upper  
105 100  
120 49.7 23.8 71.5

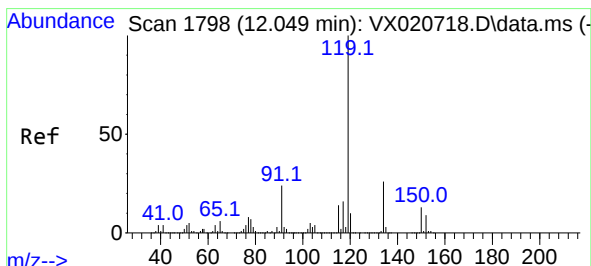
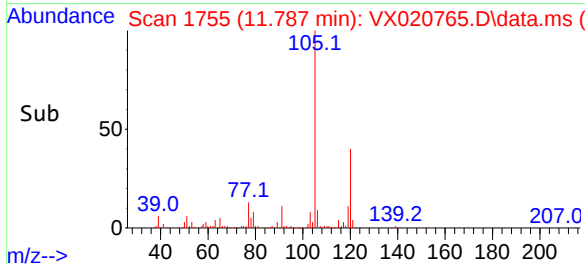
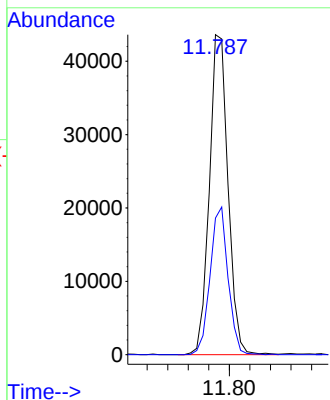
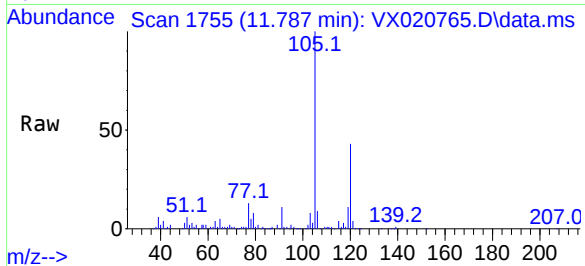




#84  
1,2,4-Trimethylbenzene  
Concen: 3.13 ug/l  
RT: 11.787 min Scan# 1755  
Delta R.T. -0.006 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

Instrument :  
MSVOA\_X  
ClientSampled :  
1710

Tgt Ion:105 Resp: 55080  
Ion Ratio Lower Upper  
105 100  
120 44.5 22.4 67.3



#86  
p-Isopropyltoluene  
Concen: 1.13 ug/l  
RT: 12.049 min Scan# 1798  
Delta R.T. -0.000 min  
Lab File: VX020765.D  
Acq: 26 Jan 2021 19:48

Tgt Ion:119 Resp: 20403  
Ion Ratio Lower Upper  
119 100  
134 27.1 12.9 38.7  
91 29.2 11.7 35.0

