

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060722\  
 Data File : VX029280.D  
 Acq On : 07 Jun 2022 15:54  
 Operator : JC/MD  
 Sample : N3203-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GATE-6-JET-GROUT-SPOILS

Quant Time: Jun 08 01:24:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053122W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 01 04:45:42 2022  
 Response via : Initial Calibration

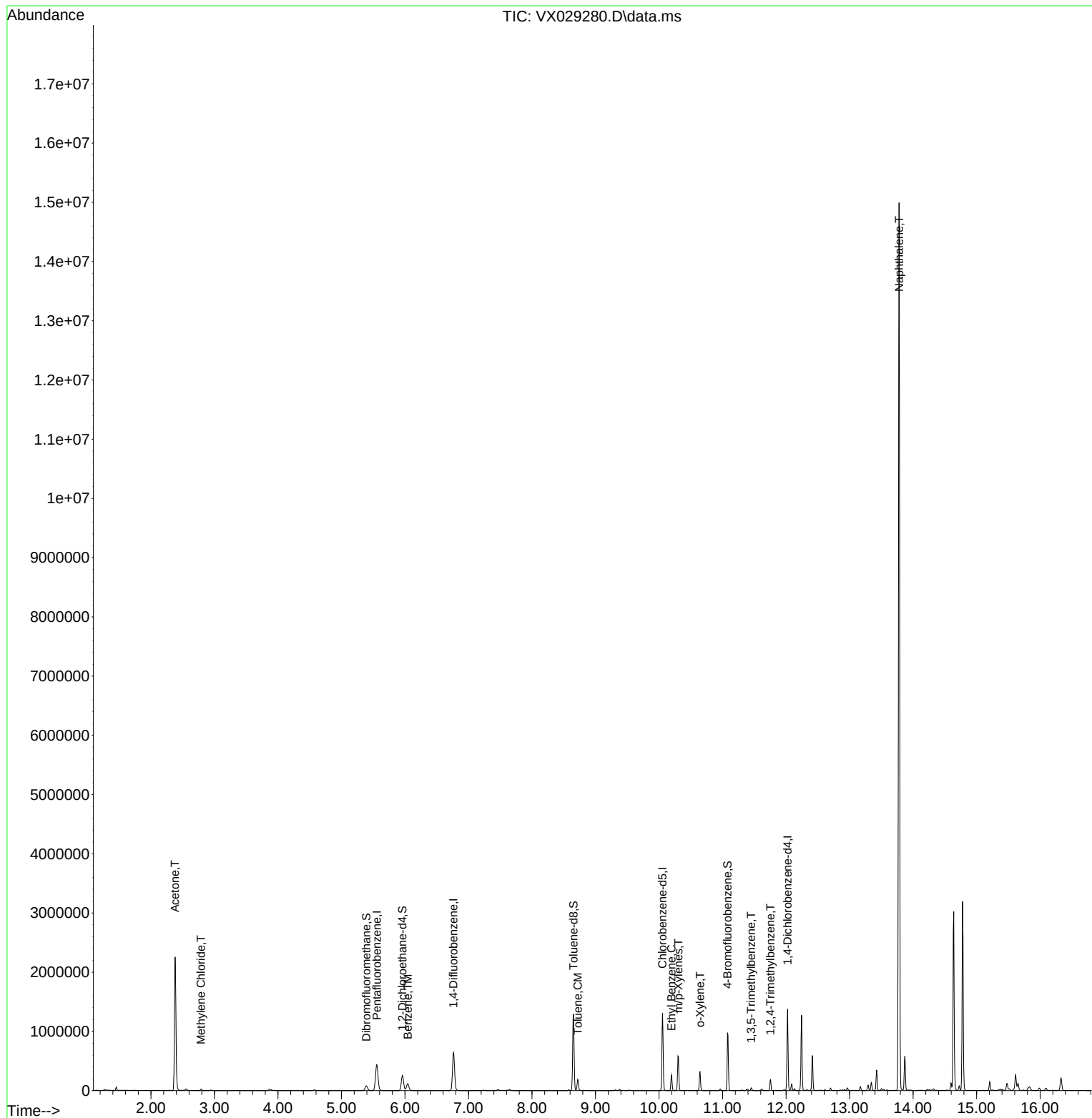
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 402890   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 670178   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 592340   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 271537   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 243981   | 53.703   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 107.400% |          |
| 35) Dibromofluoromethane    | 5.391  | 113   | 71011    | 15.952   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 31.900%# |          |
| 50) Toluene-d8              | 8.653  | 98    | 770742   | 47.340   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 94.680%  |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 279016   | 44.335   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 88.660%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.380  | 43    | 2306205  | 1289.117 | ug/l       | 98       |
| 20) Methylene Chloride      | 2.788  | 84    | 12840    | 3.078    | ug/l       | 97       |
| 40) Benzene                 | 6.044  | 78    | 145250   | 8.562    | ug/l       | 100      |
| 52) Toluene                 | 8.720  | 92    | 72101    | 6.363    | ug/l       | 96       |
| 67) Ethyl Benzene           | 10.195 | 91    | 150282   | 7.350    | ug/l       | 100      |
| 68) m/p-Xylenes             | 10.305 | 106   | 138354   | 16.849   | ug/l       | 98       |
| 69) o-Xylene                | 10.646 | 106   | 72110    | 8.886    | ug/l       | 97       |
| 80) 1,3,5-Trimethylbenzene  | 11.451 | 105   | 20527    | 1.314    | ug/l       | 98       |
| 84) 1,2,4-Trimethylbenzene  | 11.756 | 105   | 83500    | 5.355    | ug/l       | 100      |
| 95) Naphthalene             | 13.780 | 128   | 8760574  | 486.201  | ug/l #     | 93       |
| -----                       |        |       |          |          |            |          |

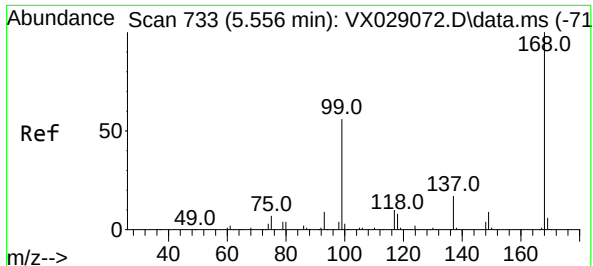
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060722\  
Data File : VX029280.D  
Acq On : 07 Jun 2022 15:54  
Operator : JC/MD  
Sample : N3203-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GATE-6-JET-GROUT-SPOILS

Quant Time: Jun 08 01:24:25 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053122W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 01 04:45:42 2022  
Response via : Initial Calibration

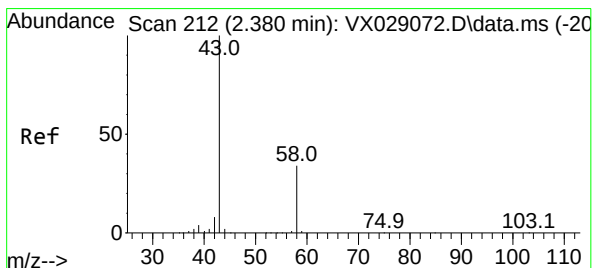
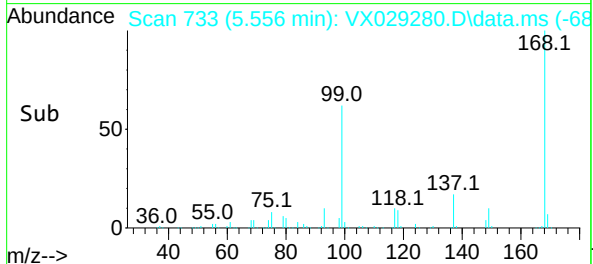
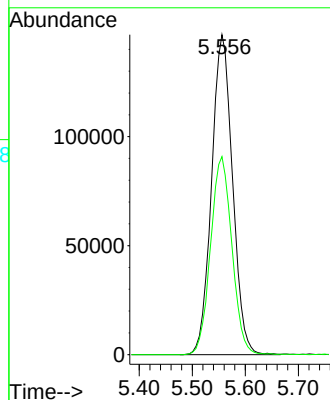
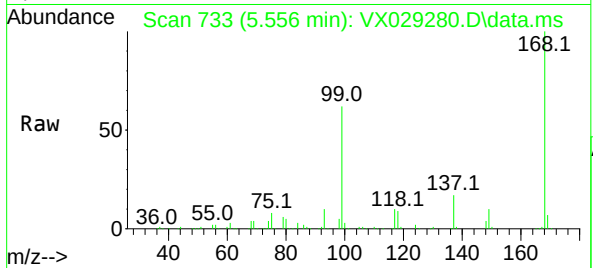




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

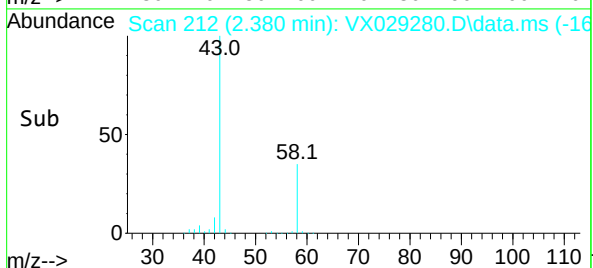
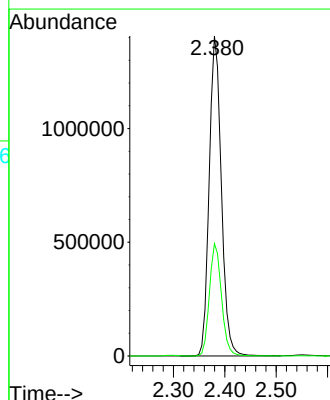
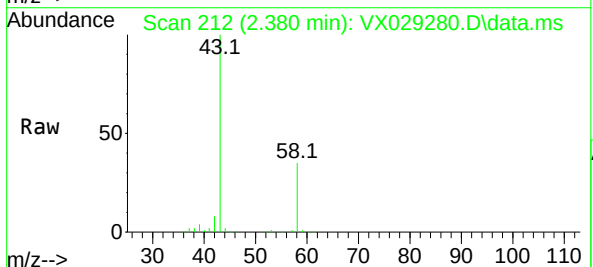
Instrument :  
MSVOA\_X  
ClientSampleId :  
GATE-6-JET-GROUT-SPOILS

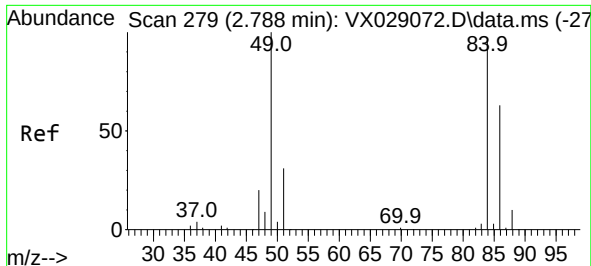
Tgt Ion:168 Resp: 402890  
Ion Ratio Lower Upper  
168 100  
99 61.9 41.7 62.5



#16  
Acetone  
Concen: 1289.117 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

Tgt Ion: 43 Resp: 2306205  
Ion Ratio Lower Upper  
43 100  
58 35.1 28.8 43.2

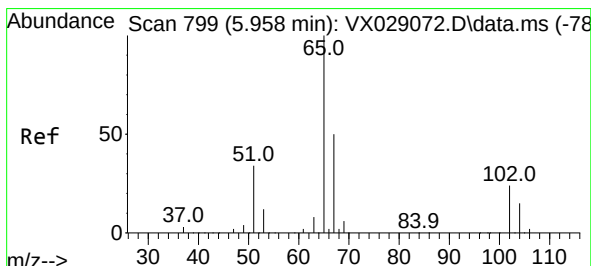
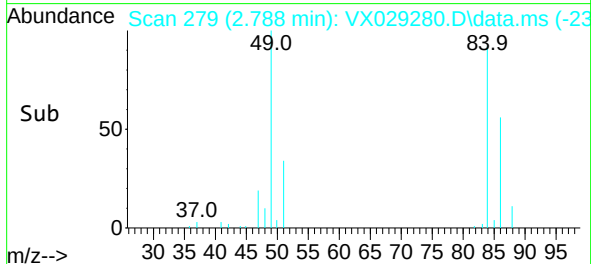
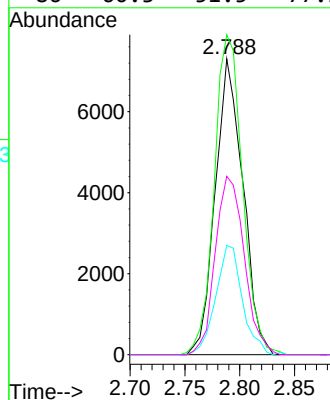
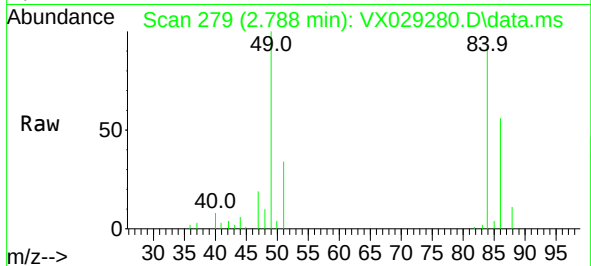




#20  
Methylene Chloride  
Concen: 3.078 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

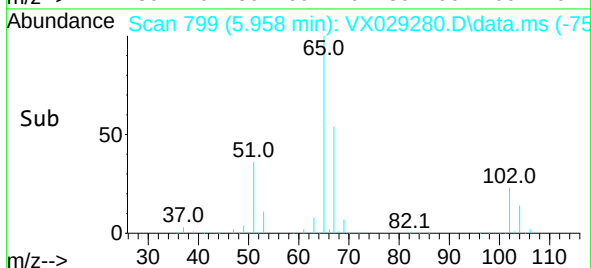
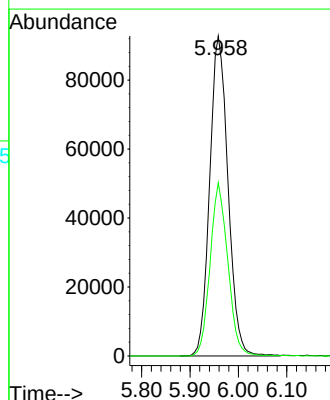
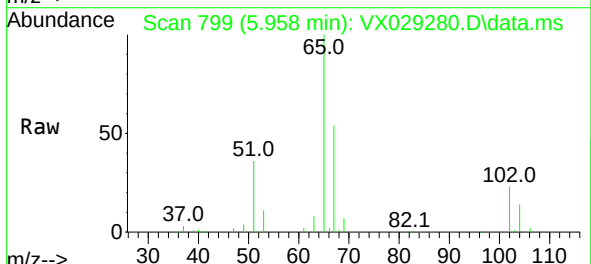
Instrument :  
MSVOA\_X  
ClientSampleId :  
GATE-6-JET-GROUT-SPOILS

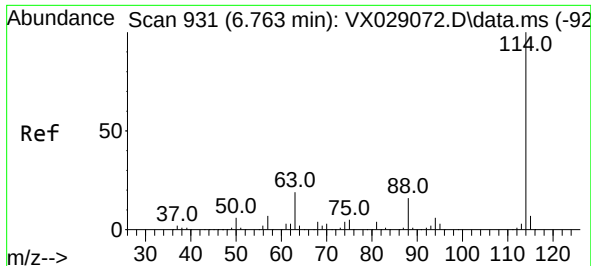
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 12840 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 108.2 | 85.5  | 128.3 |
| 51       | 37.0  | 26.6  | 39.8  |
| 86       | 60.3  | 51.5  | 77.3  |



#33  
1,2-Dichloroethane-d4  
Concen: 53.703 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 243981 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 52.4  | 0.0   | 107.4  |

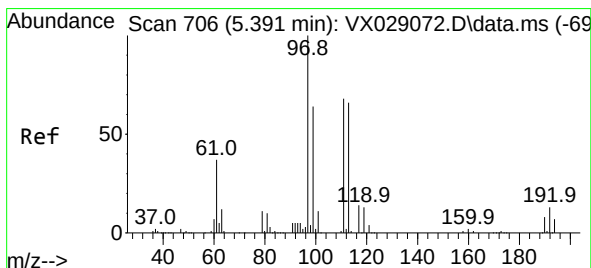
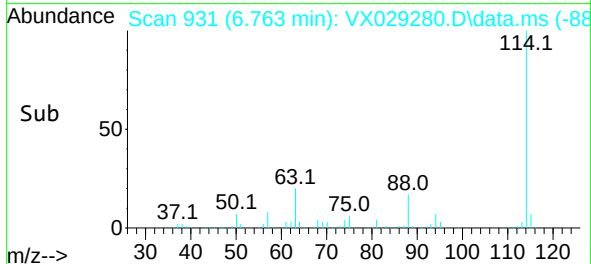
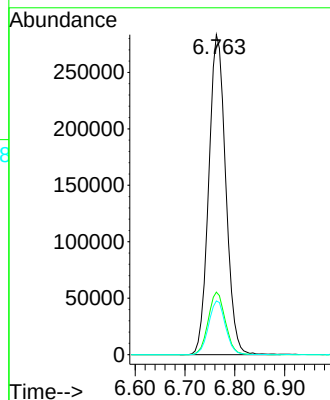
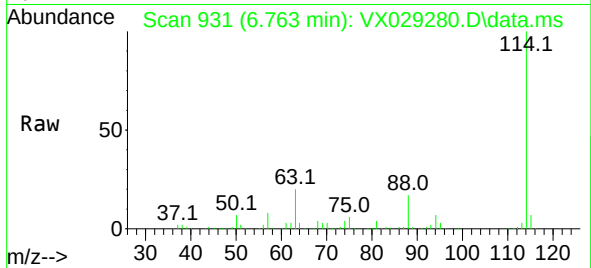




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

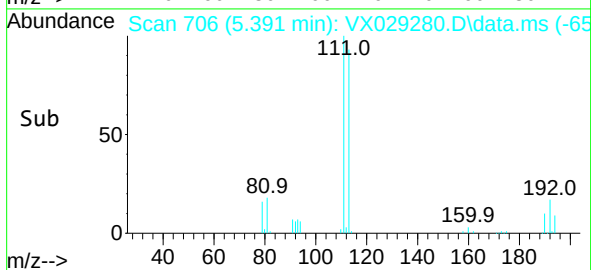
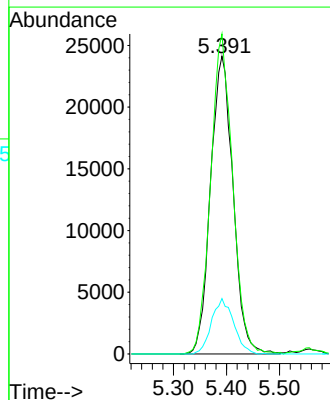
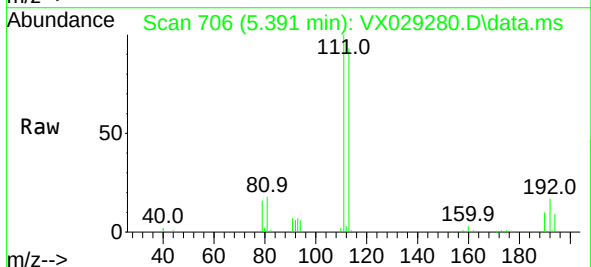
Instrument :  
MSVOA\_X  
ClientSampleId :  
GATE-6-JET-GROUT-SPOILS

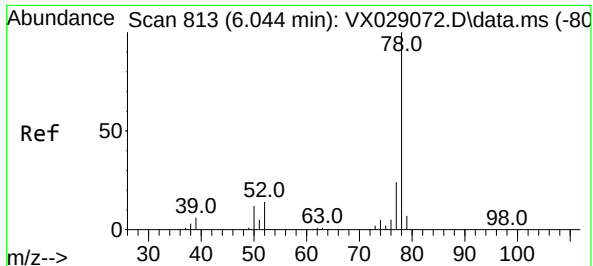
Tgt Ion:114 Resp: 670178  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 36.8  
88 16.8 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 15.952 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

Tgt Ion:113 Resp: 71011  
Ion Ratio Lower Upper  
113 100  
111 105.1 82.8 124.2  
192 18.2 16.9 25.3

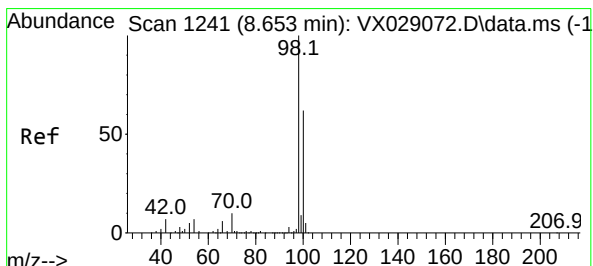
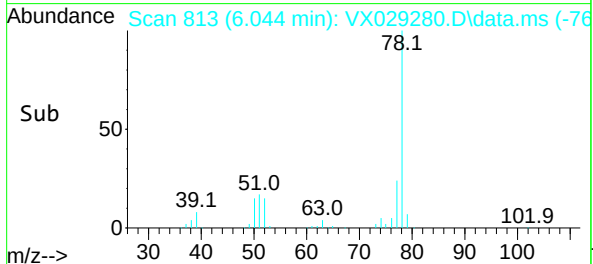
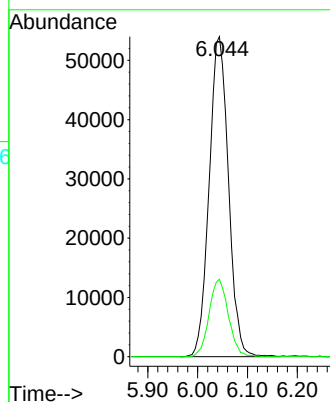
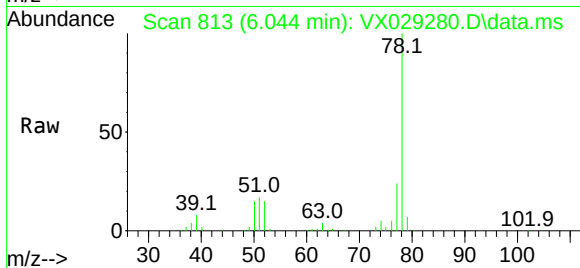




#40  
Benzene  
Concen: 8.562 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

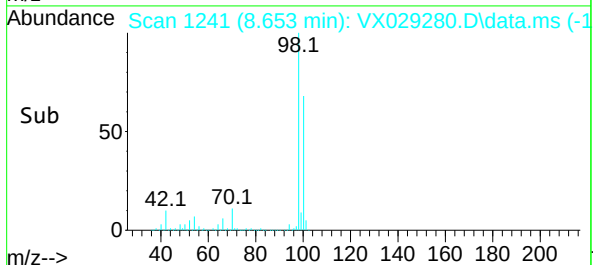
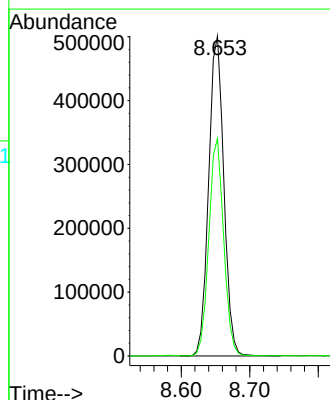
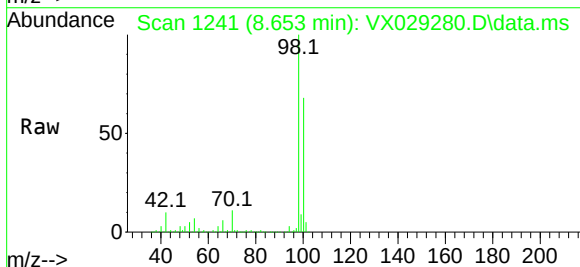
Instrument : MSVOA\_X  
ClientSampleId : GATE-6-JET-GROUT-SPOILS

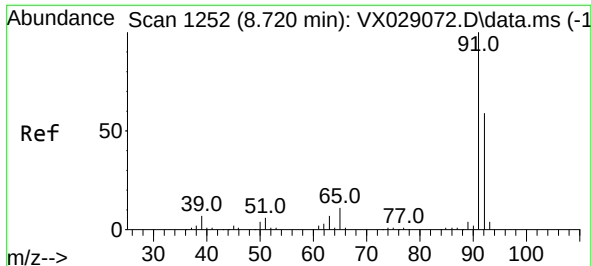
Tgt Ion: 78 Resp: 145250  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.3 28.9



#50  
Toluene-d8  
Concen: 47.340 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

Tgt Ion: 98 Resp: 770742  
Ion Ratio Lower Upper  
98 100  
100 66.6 52.6 78.8

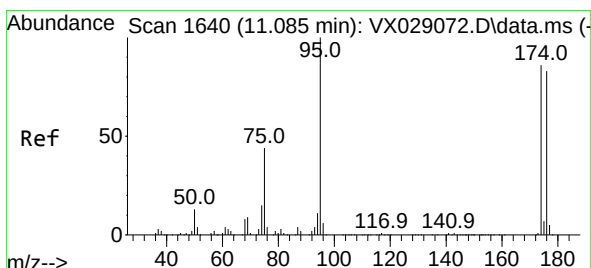
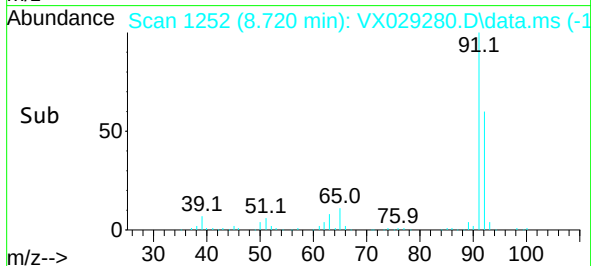
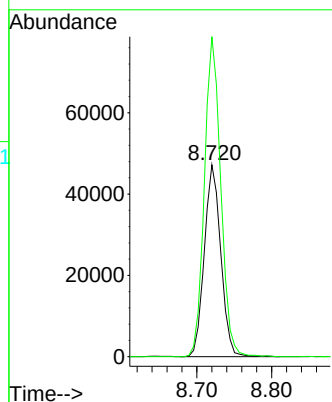
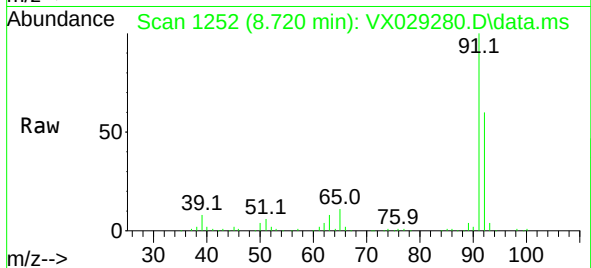




#52  
Toluene  
Concen: 6.363 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

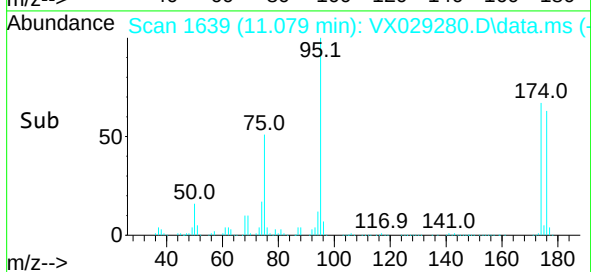
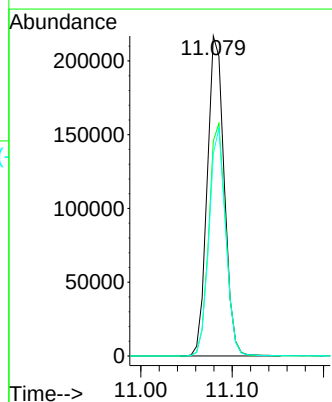
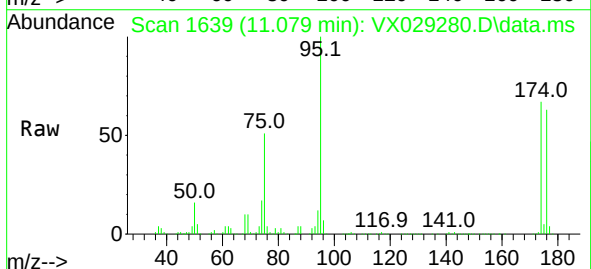
Instrument :  
MSVOA\_X  
ClientSampleId :  
GATE-6-JET-GROUT-SPOILS

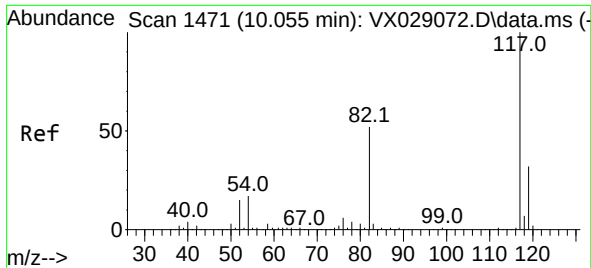
Tgt Ion: 92 Resp: 72101  
Ion Ratio Lower Upper  
92 100  
91 165.8 137.5 206.3



#62  
4-Bromofluorobenzene  
Concen: 44.335 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

Tgt Ion: 95 Resp: 279016  
Ion Ratio Lower Upper  
95 100  
174 72.0 0.0 163.0  
176 69.4 0.0 155.0

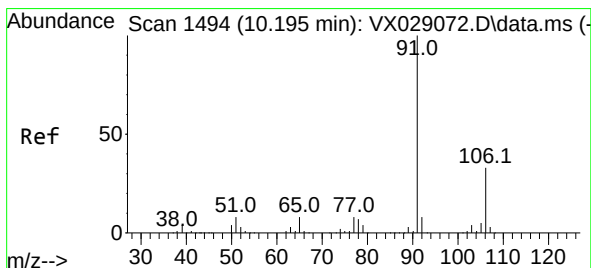
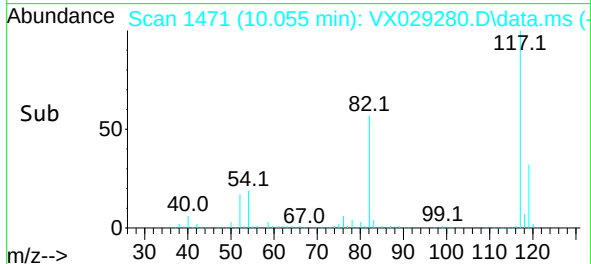
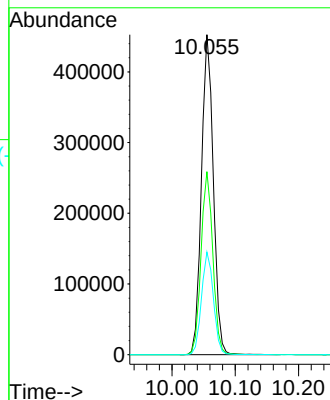
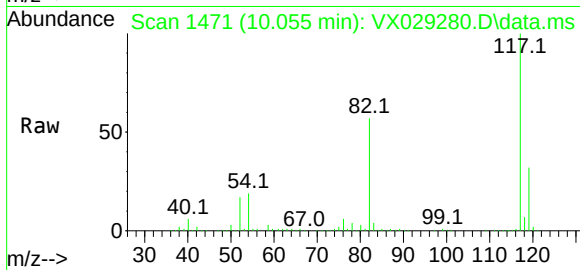




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

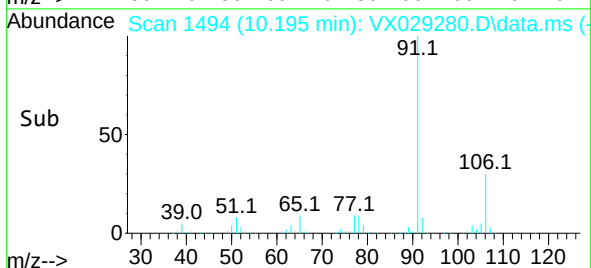
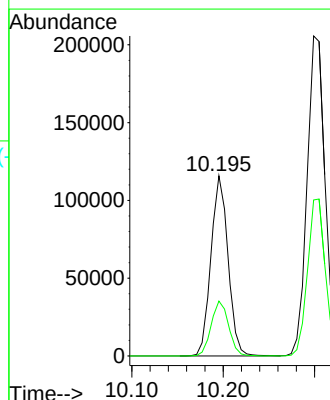
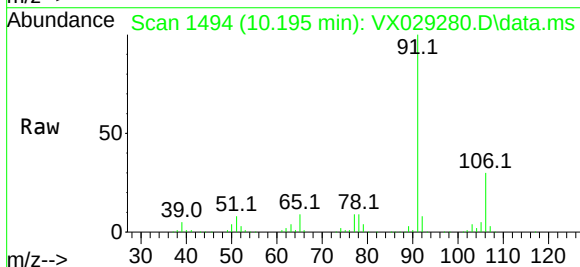
Instrument :  
MSVOA\_X  
ClientSampleId :  
GATE-6-JET-GROUT-SPOILS

Tgt Ion:117 Resp: 592340  
Ion Ratio Lower Upper  
117 100  
82 57.2 41.8 62.8  
119 32.0 24.8 37.2

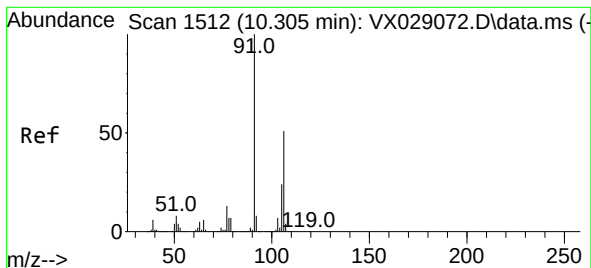


#67  
Ethyl Benzene  
Concen: 7.350 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

Tgt Ion: 91 Resp: 150282  
Ion Ratio Lower Upper  
91 100  
106 30.5 24.6 36.8



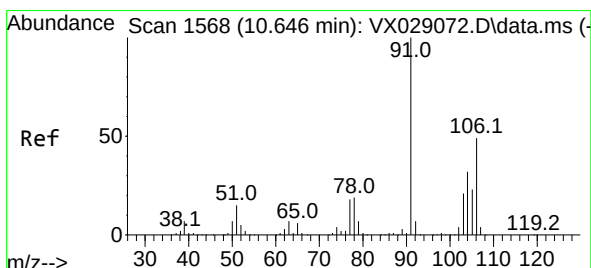
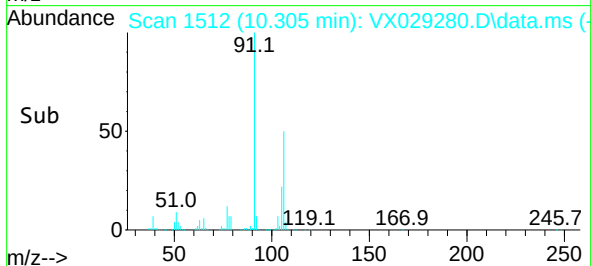
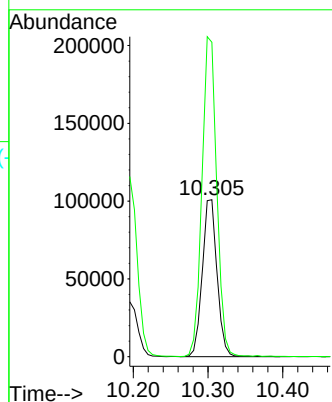
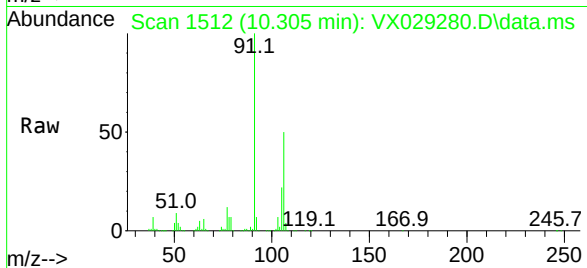




#68  
m/p-Xylenes  
Concen: 16.849 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

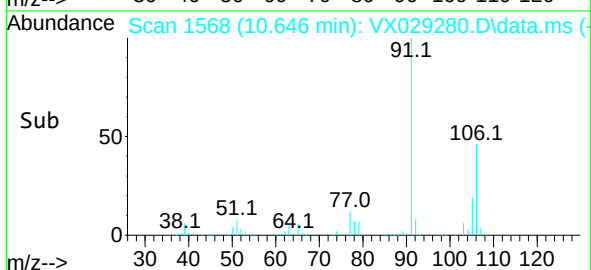
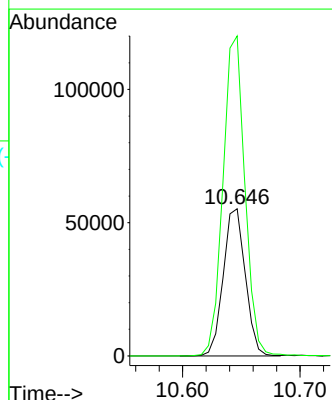
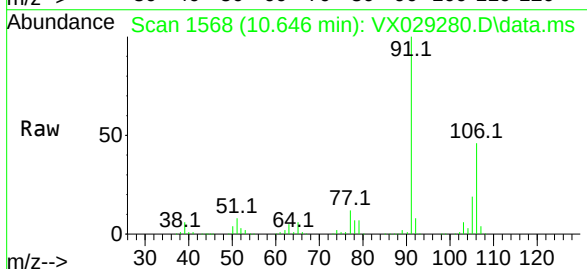
Instrument :  
MSVOA\_X  
ClientSampleId :  
GATE-6-JET-GROUT-SPOILS

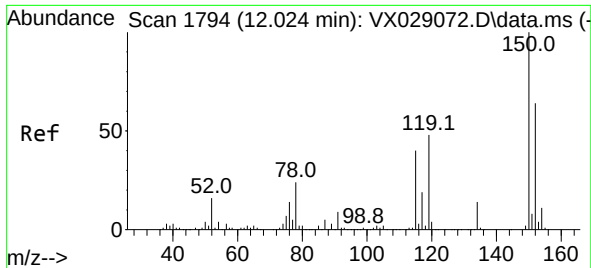
Tgt Ion:106 Resp: 138354  
Ion Ratio Lower Upper  
106 100  
91 203.7 160.4 240.6



#69  
o-Xylene  
Concen: 8.886 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

Tgt Ion:106 Resp: 72110  
Ion Ratio Lower Upper  
106 100  
91 216.9 106.1 318.1

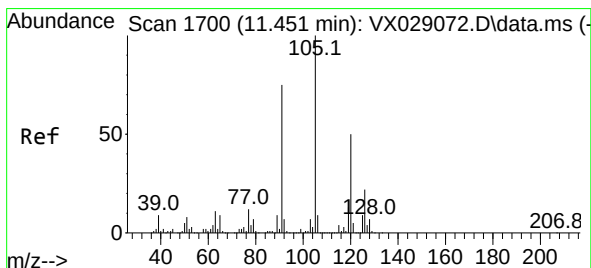
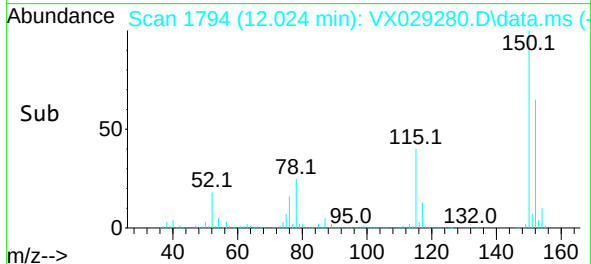
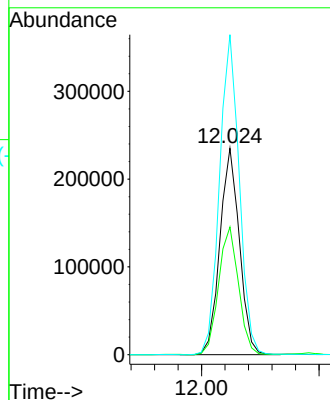
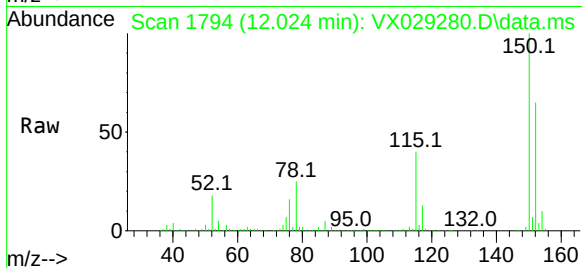




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX029280.D  
 Acq: 07 Jun 2022 15:54

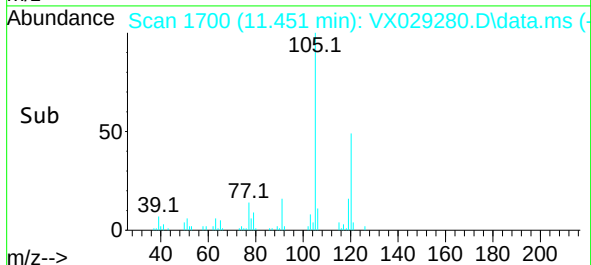
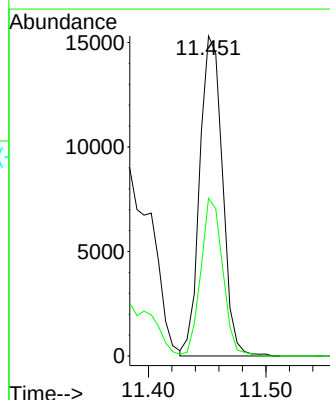
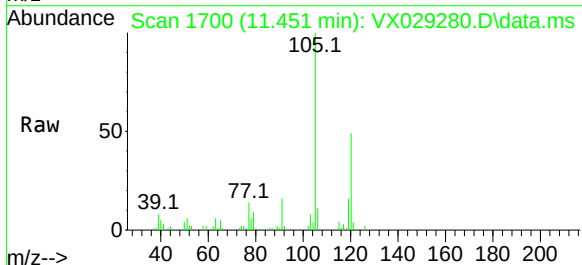
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GATE-6-JET-GROUT-SPOILS

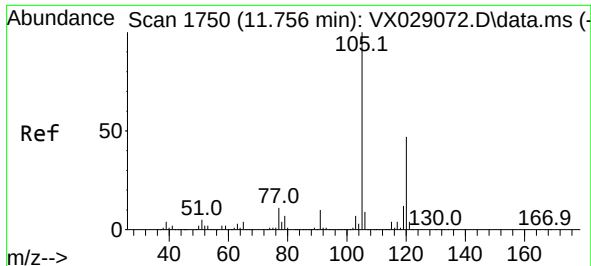
Tgt Ion:152 Resp: 271537  
 Ion Ratio Lower Upper  
 152 100  
 115 63.3 37.5 112.7  
 150 156.7 0.0 338.2



#80  
 1,3,5-Trimethylbenzene  
 Concen: 1.314 ug/l  
 RT: 11.451 min Scan# 1700  
 Delta R.T. 0.000 min  
 Lab File: VX029280.D  
 Acq: 07 Jun 2022 15:54

Tgt Ion:105 Resp: 20527  
 Ion Ratio Lower Upper  
 105 100  
 120 47.4 24.3 72.9

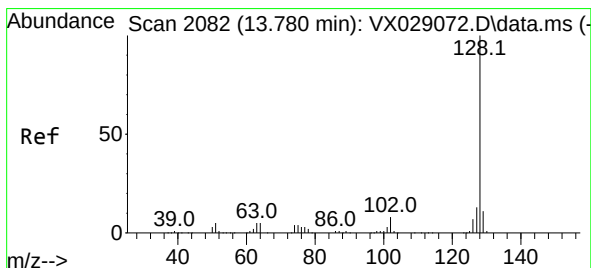
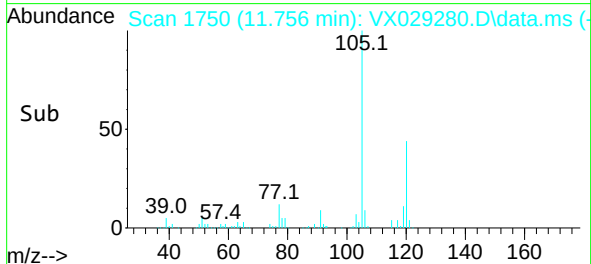
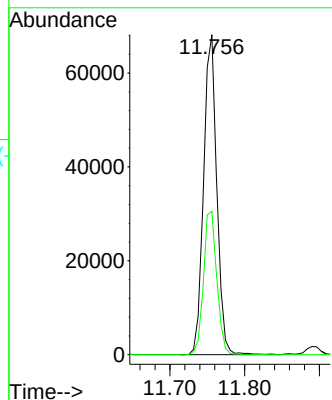
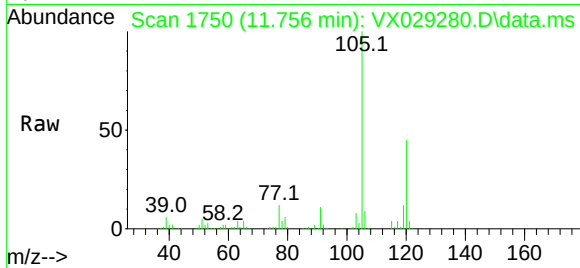




#84  
1,2,4-Trimethylbenzene  
Concen: 5.355 ug/l  
RT: 11.756 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
GATE-6-JET-GROUT-SPOILS

Tgt Ion:105 Resp: 83500  
Ion Ratio Lower Upper  
105 100  
120 45.2 22.6 67.8



#95  
Naphthalene  
Concen: 486.201 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX029280.D  
Acq: 07 Jun 2022 15:54

Tgt Ion:128 Resp: 8760574  
Ion Ratio Lower Upper  
128 100  
127 15.6 10.2 15.4#  
129 13.5 8.7 13.1#

