

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091621\  
 Data File : VX024290.D  
 Acq On : 16 Sep 2021 16:05  
 Operator : JC/MD  
 Sample : M3733-01ME  
 Misc : 3.97g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SUP-UST-01-(5-7)REME

Quant Time: Sep 17 04:41:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 14 12:18:04 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 143994   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 243552   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.061 | 117  | 219509   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.030 | 152  | 111321   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.970  | 65    | 101288   | 49.329   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 98.660%  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 74633    | 45.693   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 91.380%  |
| 50) Toluene-d8              | 8.653  | 98    | 292867   | 49.219   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 98.440%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 117495   | 50.740   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 101.480% |

|                               |        |     |        |        |        |     |
|-------------------------------|--------|-----|--------|--------|--------|-----|
| Target Compounds              |        |     | Qvalue |        |        |     |
| 3) Chloromethane              | 1.301  | 50  | 384    | 0.266  | ug/l # | 82  |
| 5) Bromomethane               | 1.599  | 94  | 1019   | 1.190  | ug/l # | 79  |
| 6) Chloroethane               | 1.685  | 64  | 253    | 2.209  | ug/l # | 80  |
| 10) Methyl Iodide             | 2.441  | 142 | 2023   | 1.031  | ug/l   | 92  |
| 11) Tert butyl alcohol        | 2.953  | 59  | 9838   | 1.737  | ug/l # | 73  |
| 15) Acrylonitrile             | 3.099  | 53  | 194    | 0.231  | ug/l # | 60  |
| 16) Acetone                   | 2.428  | 43  | 3140   | 3.586  | ug/l # | 84  |
| 17) Carbon Disulfide          | 2.483  | 76  | 918    | 0.276  | ug/l   | 96  |
| 18) Methyl Acetate            | 2.733  | 43  | 3924   | 1.430  | ug/l # | 80  |
| 19) Methyl tert-butyl Ether   | 3.148  | 73  | 6273   | 1.286  | ug/l # | 86  |
| 20) Methylene Chloride        | 2.788  | 84  | 3990   | 2.373  | ug/l # | 87  |
| 25) 2-Butanone                | 4.635  | 43  | 903    | 0.700  | ug/l # | 45  |
| 36) 1,1-Dichloropropene       | 5.550  | 75  | 11493  | 5.133  | ug/l # | 49  |
| 38) Carbon Tetrachloride      | 5.556  | 117 | 15624  | 6.199  | ug/l # | 16  |
| 39) Methylcyclohexane         | 7.379  | 83  | 4203   | 1.572  | ug/l   | 92  |
| 43) Isopropyl Acetate         | 6.361  | 43  | 837    | 0.202  | ug/l # | 60  |
| 51) 4-Methyl-2-Pentanone      | 8.598  | 43  | 1067   | 0.403  | ug/l # | 59  |
| 52) Toluene                   | 8.726  | 92  | 914    | 0.217  | ug/l   | 82  |
| 55) 1,1,2-Trichloroethane     | 9.104  | 97  | 2836   | 1.582  | ug/l # | 18  |
| 56) Ethyl methacrylate        | 9.104  | 69  | 804    | 1.624  | ug/l # | 1   |
| 59) 2-Hexanone                | 9.384  | 43  | 14922  | 7.236  | ug/l # | 23  |
| 60) Dibromochloromethane      | 9.391  | 129 | 21     | 1.736  | ug/l # | 11  |
| 67) Ethyl Benzene             | 10.201 | 91  | 7164   | 0.907  | ug/l   | 93  |
| 68) m/p-Xylenes               | 10.311 | 106 | 4546   | 1.503  | ug/l   | 74  |
| 69) o-Xylene                  | 10.646 | 106 | 1306   | 0.433  | ug/l   | 88  |
| 73) Isopropylbenzene          | 10.970 | 105 | 29846  | 3.600  | ug/l   | 96  |
| 74) N-amyl acetate            | 10.860 | 43  | 126217 | 36.168 | ug/l # | 8   |
| 75) 1,1,2,2-Tetrachloroethane | 11.220 | 83  | 44892  | 16.739 | ug/l # | 26  |
| 76) 1,2,3-Trichloropropane    | 11.311 | 75  | 2663   | 1.040  | ug/l # | 1   |
| 78) n-propylbenzene           | 11.311 | 91  | 96283  | 10.281 | ug/l   | 100 |
| 79) 2-Chlorotoluene           | 11.616 | 91  | 19664  | 3.380  | ug/l   | 80  |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105 | 193830 | 27.739 | ug/l   | 100 |
| 81) trans-1,4-Dichloro-2-b... | 11.085 | 75  | 57355  | 65.898 | ug/l # | 46  |
| 82) 4-Chlorotoluene           | 11.616 | 91  | 20055  | 3.030  | ug/l   | 99  |
| 83) tert-Butylbenzene         | 11.719 | 119 | 31518  | 4.673  | ug/l   | 83  |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105 | 562620 | 81.851 | ug/l   | 99  |

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 Sample : M3733-01ME  
 Misc : 3.97g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SUP-UST-01-(5-7)REME

Quant Time: Sep 17 04:41:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 14 12:18:04 2021  
 Response via : Initial Calibration

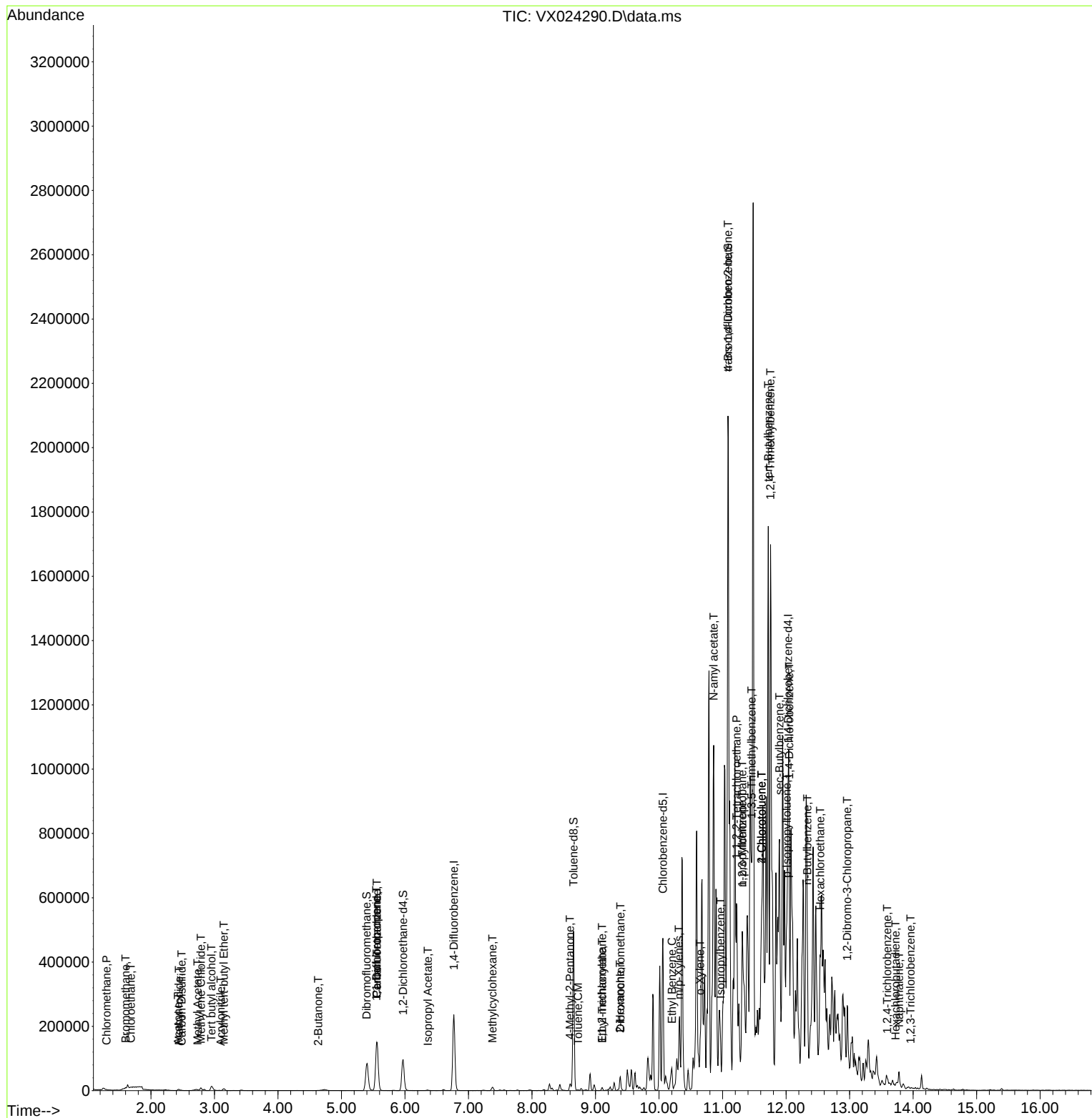
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 85) sec-Butylbenzene          | 11.896 | 105  | 86336    | 10.217 | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 65664    | 9.258  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.049 | 146  | 802      | 0.211  | ug/l # | 1        |
| 89) n-Butylbenzene            | 12.335 | 91   | 125876   | 20.510 | ug/l # | 44       |
| 90) Hexachloroethane          | 12.536 | 117  | 9870     | 8.637  | ug/l # | 9        |
| 92) 1,2-Dibromo-3-Chloropr... | 12.963 | 75   | 744      | 1.209  | ug/l # | 13       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 608      | 0.282  | ug/l # | 1        |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 320      | 0.297  | ug/l   | 96       |
| 95) Naphthalene               | 13.780 | 128  | 30028    | 4.964  | ug/l # | 96       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 566      | 0.260  | ug/l # | 30       |
| -----                         |        |      |          |        |        |          |

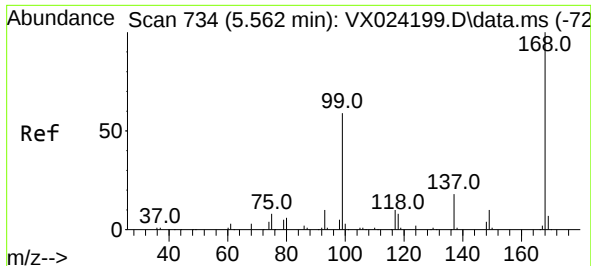
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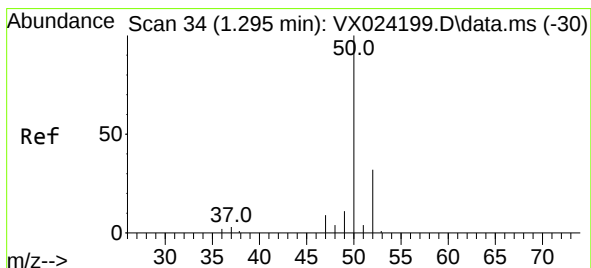
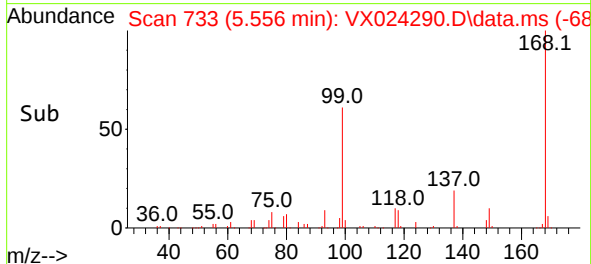
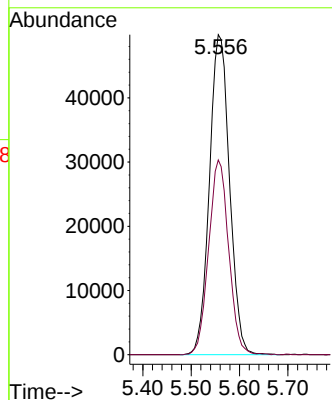
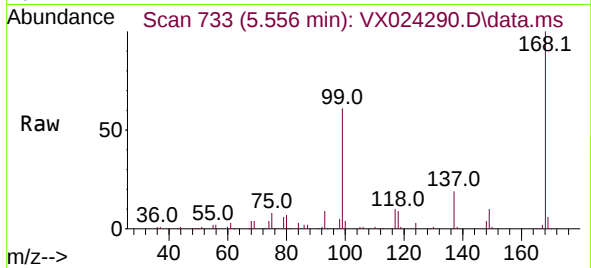




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.006 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

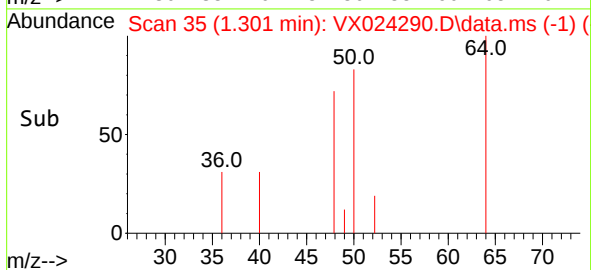
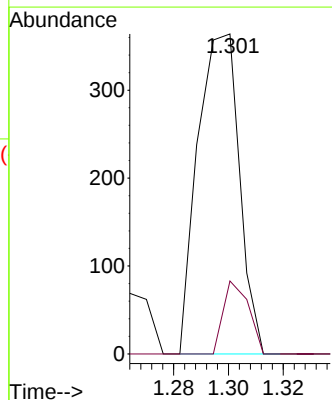
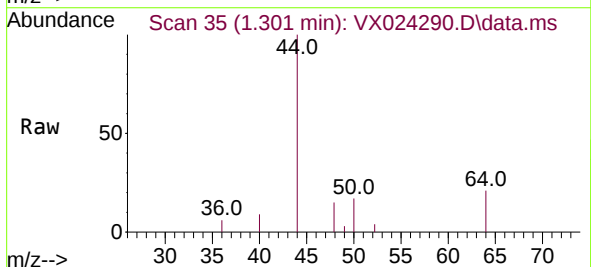
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUP-UST-01-(5-7)REME

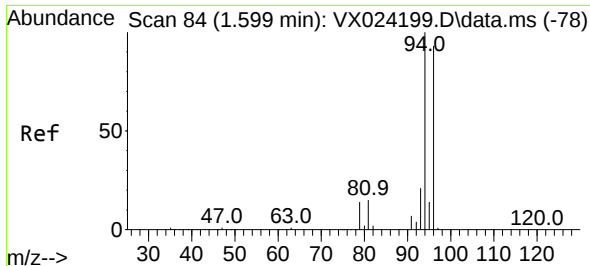
Tgt Ion:168 Resp: 143994  
Ion Ratio Lower Upper  
168 100  
99 60.8 45.8 68.6



#3  
Chloromethane  
Concen: 0.266 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. 0.006 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 50 Resp: 384  
Ion Ratio Lower Upper  
50 100  
52 22.8 26.4 39.6#

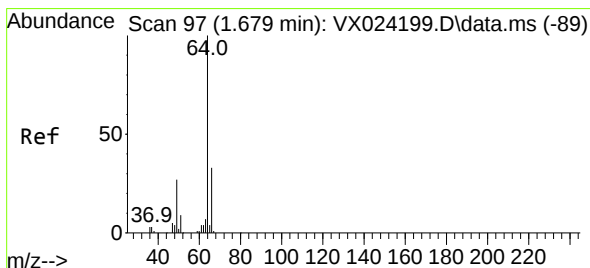
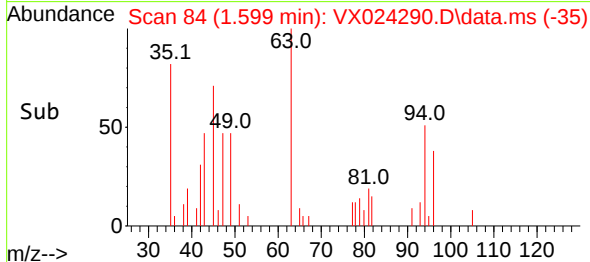
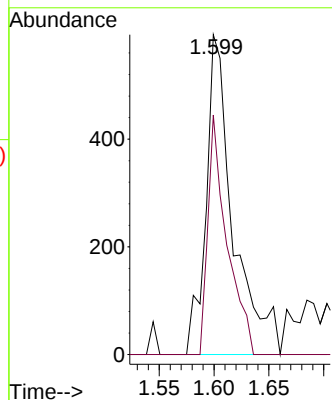
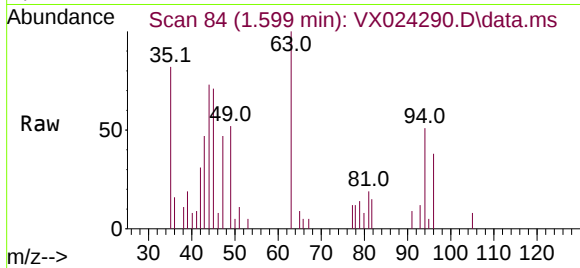




#5  
Bromomethane  
Concen: 1.190 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

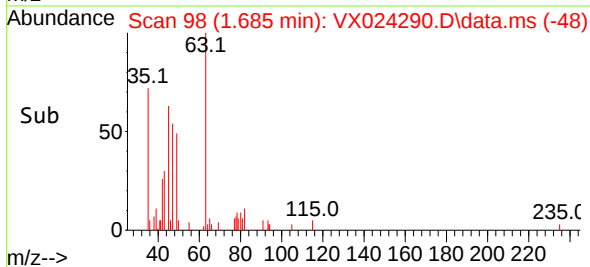
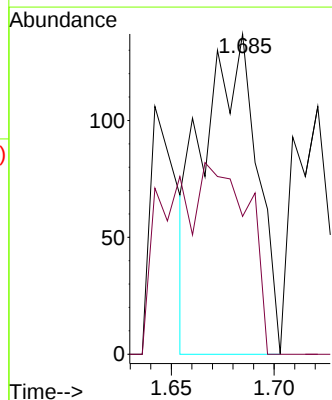
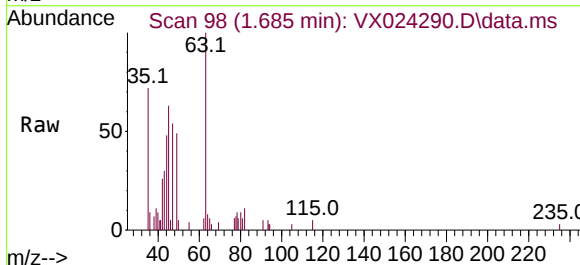
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUP-UST-01-(5-7)REME

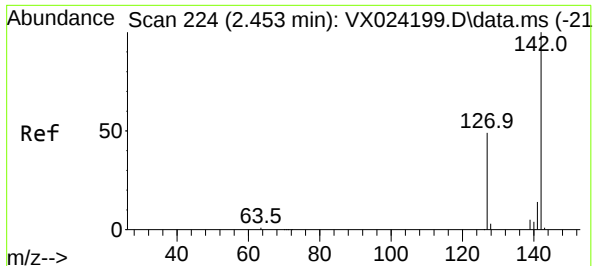
Tgt Ion: 94 Resp: 1019  
Ion Ratio Lower Upper  
94 100  
96 74.9 76.4 114.6#



#6  
Chloroethane  
Concen: 2.209 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.006 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 64 Resp: 253  
Ion Ratio Lower Upper  
64 100  
66 43.1 25.4 38.0#

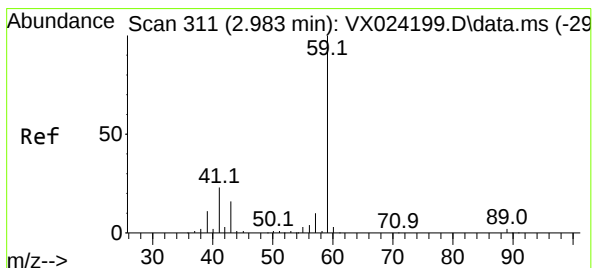
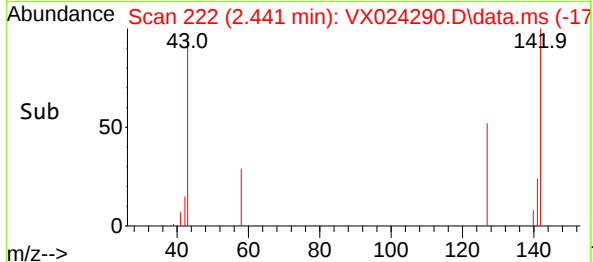
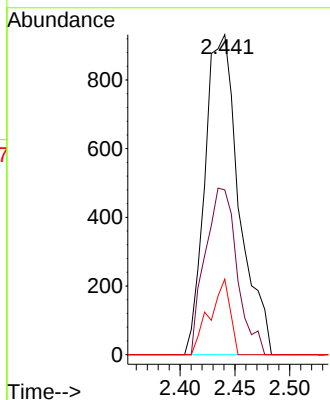
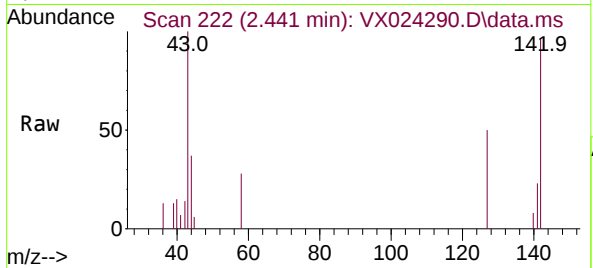




#10  
Methyl Iodide  
Concen: 1.031 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. -0.012 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

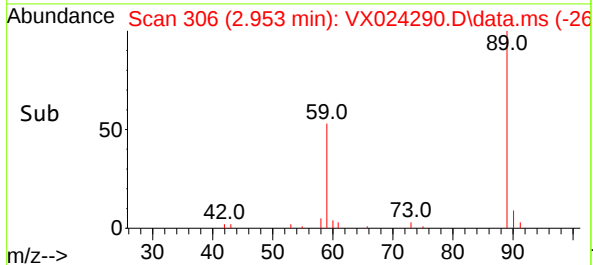
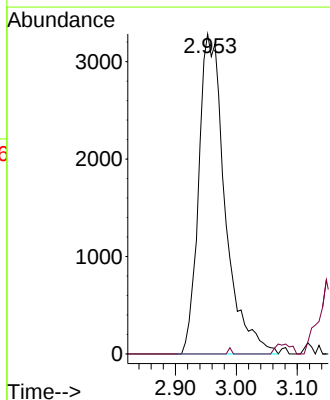
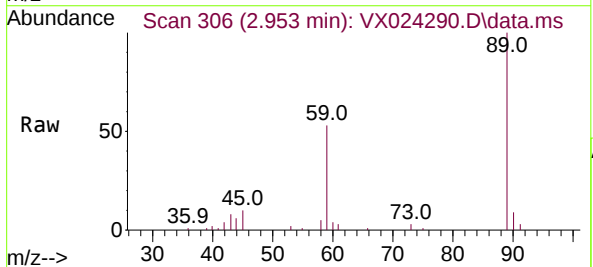
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUP-UST-01-(5-7)REME

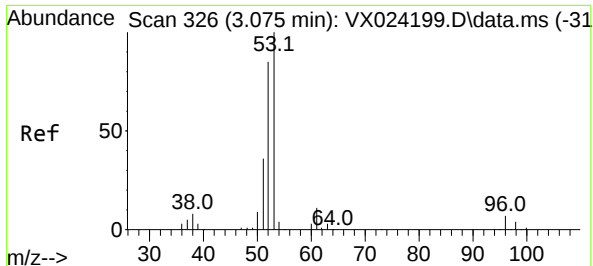
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 142   | Resp: | 2023 |
| Ion Ratio | Lower | Upper |      |
| 142       | 100   |       |      |
| 127       | 48.4  | 33.3  | 49.9 |
| 141       | 14.1  | 11.4  | 17.0 |



#11  
Tert butyl alcohol  
Concen: 1.737 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. -0.030 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 59    | Resp: | 9838  |
| Ion Ratio | Lower | Upper |       |
| 59        | 100   |       |       |
| 57        | 0.0   | 7.8   | 11.8# |

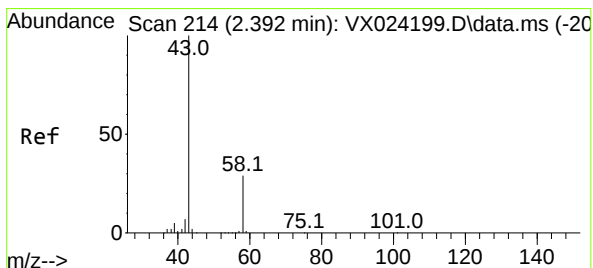
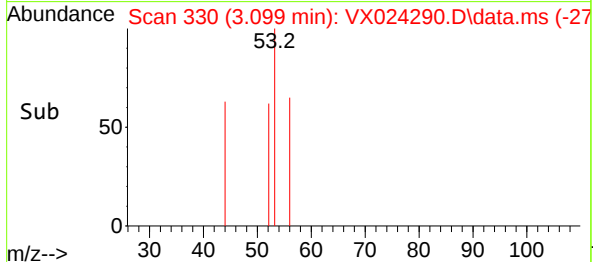
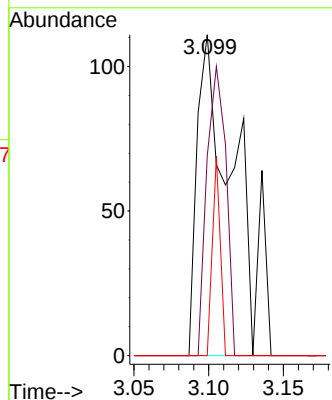
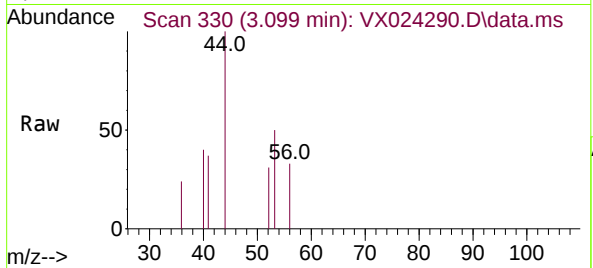




#15  
Acrylonitrile  
Concen: 0.231 ug/l  
RT: 3.099 min Scan# 330  
Delta R.T. 0.024 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

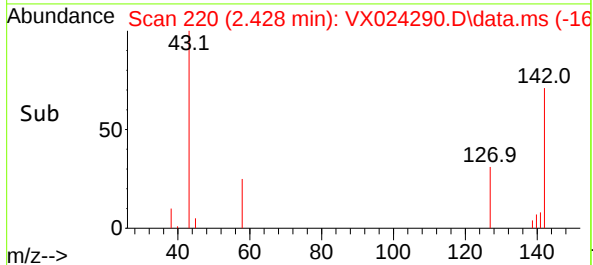
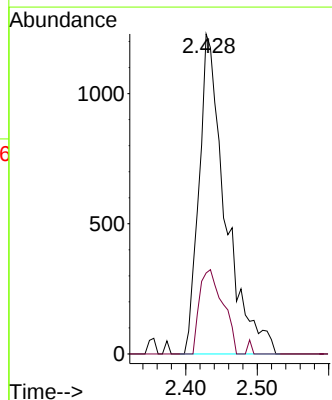
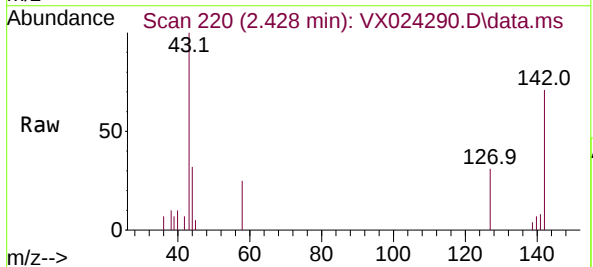
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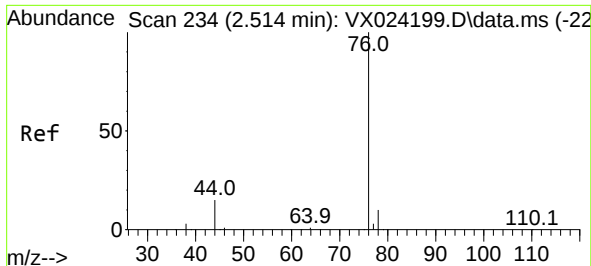
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Ion Ratio Lower Upper  
53 100  
52 45.9 65.3 97.9#  
51 12.9 28.2 42.2#



#16  
Acetone  
Concen: 3.586 ug/l  
RT: 2.428 min Scan# 220  
Delta R.T. 0.036 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 43 Resp: 3140  
Ion Ratio Lower Upper  
43 100  
58 25.3 27.8 41.8#

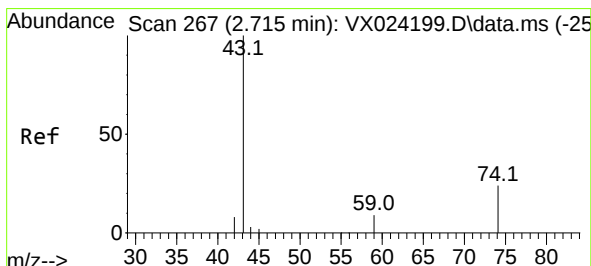
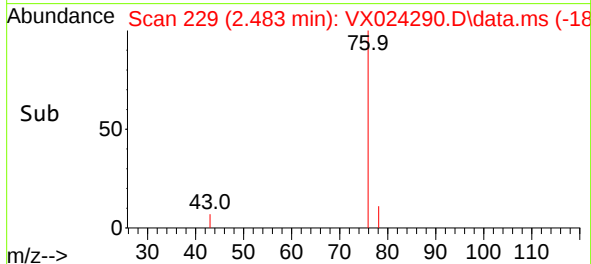
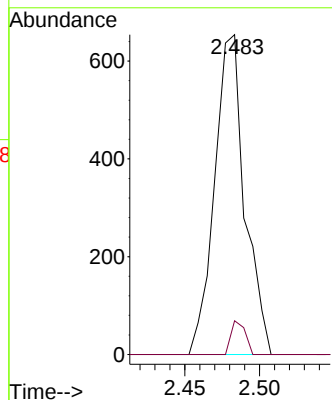
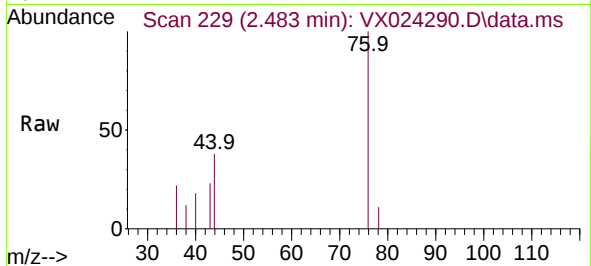




#17  
Carbon Disulfide  
Concen: 0.276 ug/l  
RT: 2.483 min Scan# 229  
Delta R.T. -0.031 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

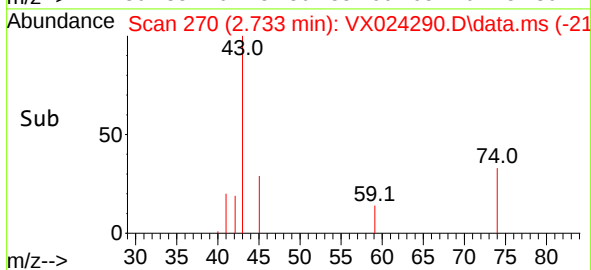
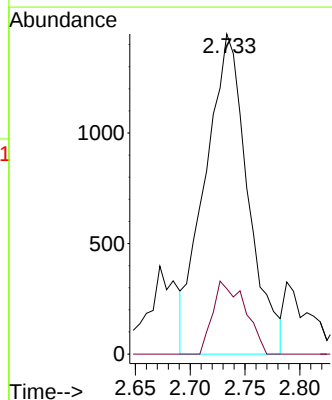
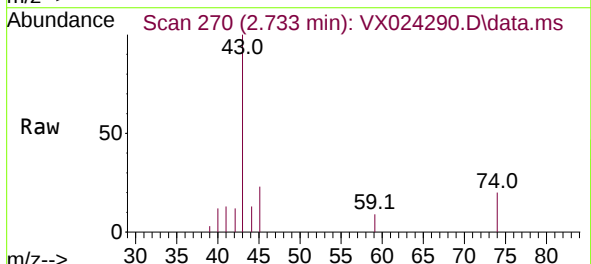
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SUP-UST-01-(5-7)REME

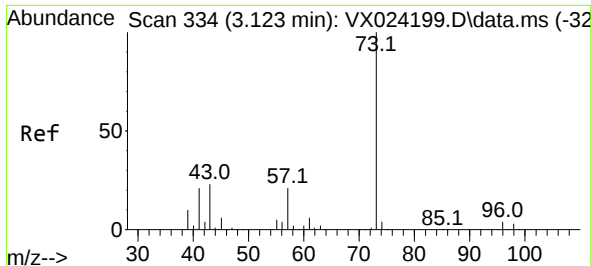
Tgt Ion: 76 Resp: 918  
Ion Ratio Lower Upper  
76 100  
78 10.6 7.2 10.8



#18  
Methyl Acetate  
Concen: 1.430 ug/l  
RT: 2.733 min Scan# 270  
Delta R.T. 0.018 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 43 Resp: 3924  
Ion Ratio Lower Upper  
43 100  
74 17.2 21.9 32.9#

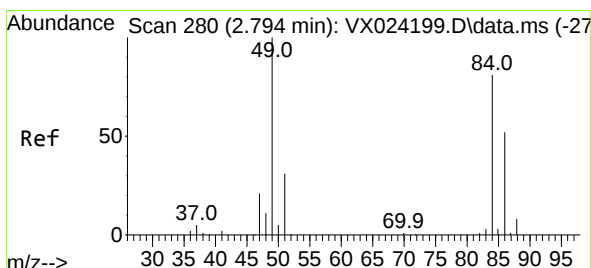
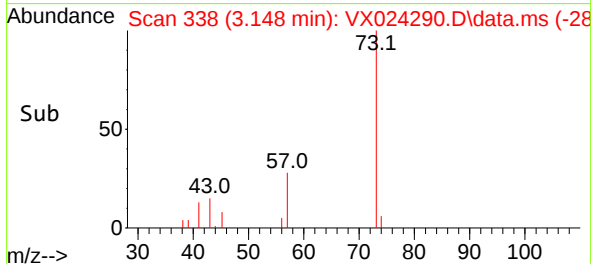
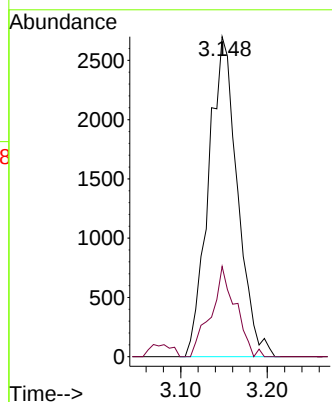
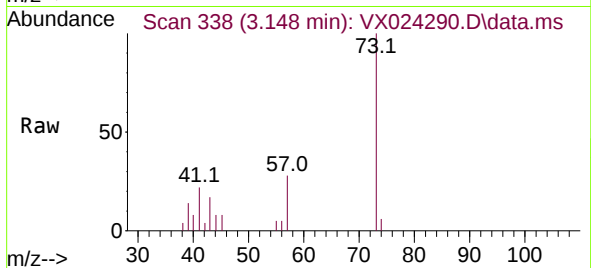




#19  
Methyl tert-butyl Ether  
Concen: 1.286 ug/l  
RT: 3.148 min Scan# 338  
Delta R.T. 0.025 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

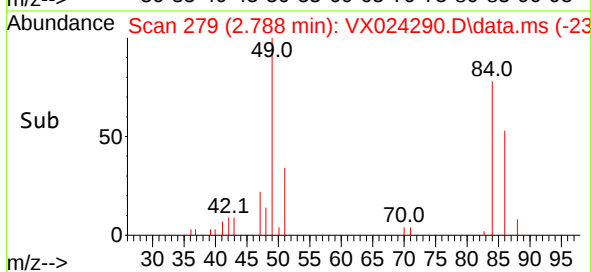
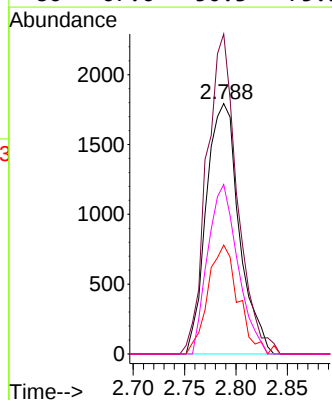
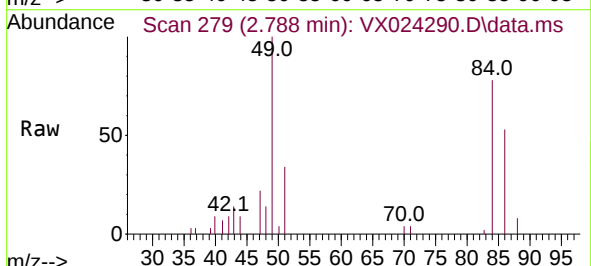
Instrument :  
MSVOA\_X  
ClientSampleId :  
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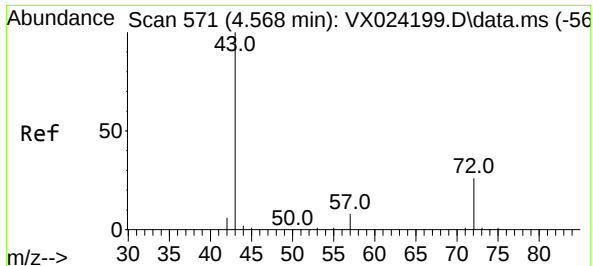
Tgt Ion: 73 Resp: 6273  
Ion Ratio Lower Upper  
73 100  
57 28.2 17.1 25.7#



#20  
Methylene Chloride  
Concen: 2.373 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 84 Resp: 3990  
Ion Ratio Lower Upper  
84 100  
49 127.8 88.6 132.8  
51 43.5 27.0 40.6#  
86 67.6 50.3 75.5

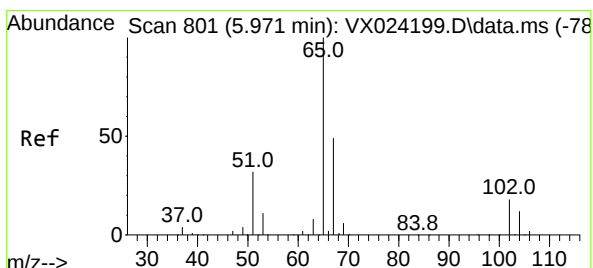
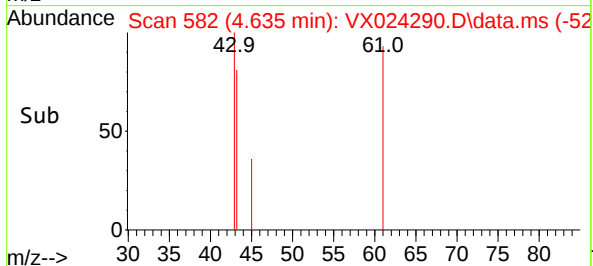
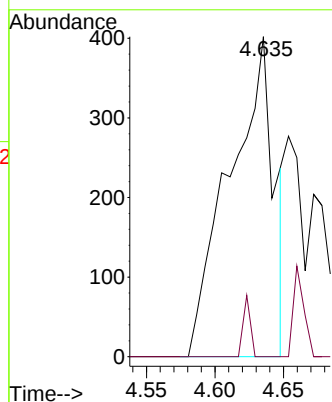
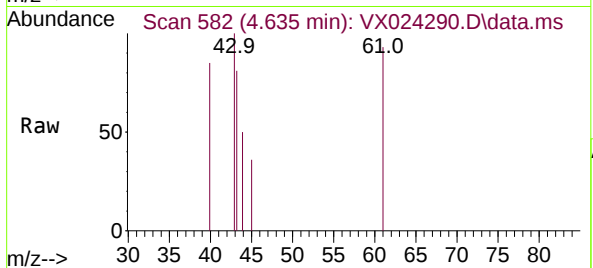




#25  
2-Butanone  
Concen: 0.700 ug/l  
RT: 4.635 min Scan# 582  
Delta R.T. 0.067 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

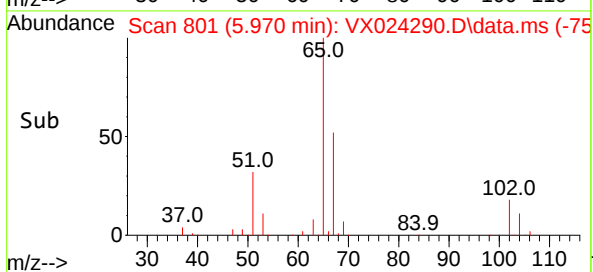
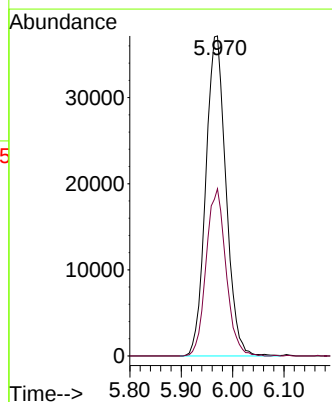
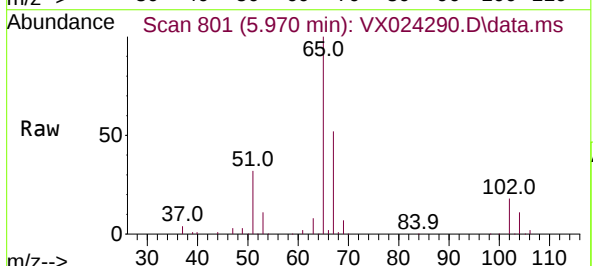
Instrument :  
MSVOA\_X  
ClientSampleId :  
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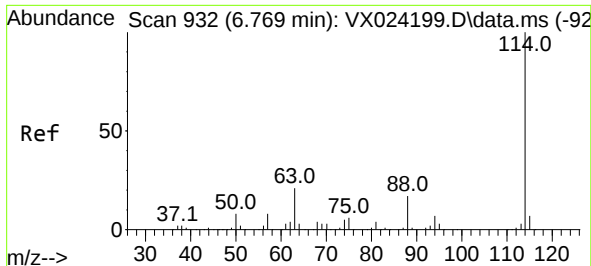
Tgt Ion: 43 Resp: 903  
Ion Ratio Lower Upper  
43 100  
72 0.0 23.7 35.5#



#33  
1,2-Dichloroethane-d4  
Concen: 49.329 ug/l  
RT: 5.970 min Scan# 801  
Delta R.T. -0.001 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 65 Resp: 101288  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 105.4

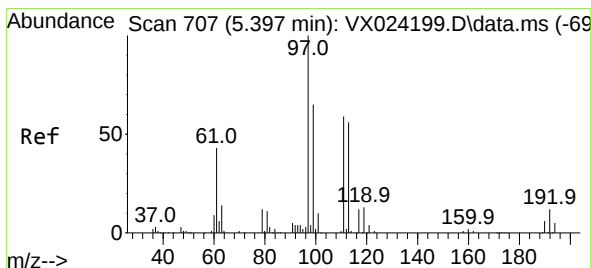
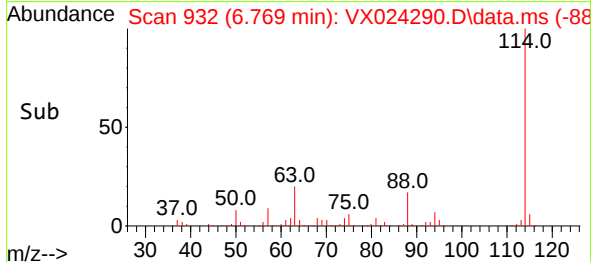
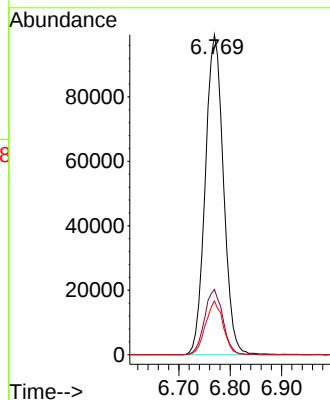
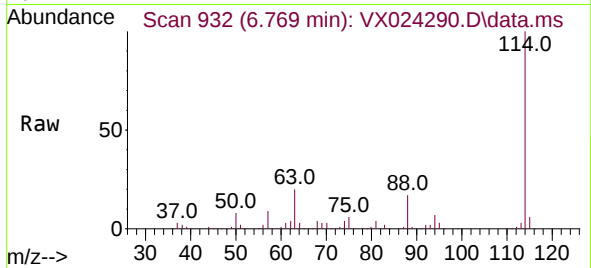




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

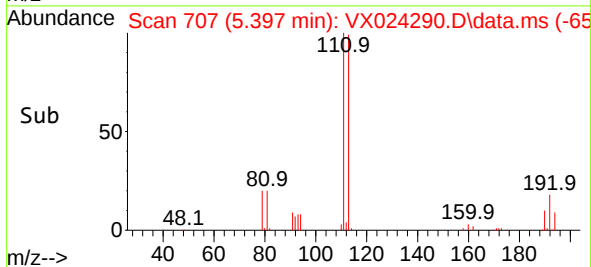
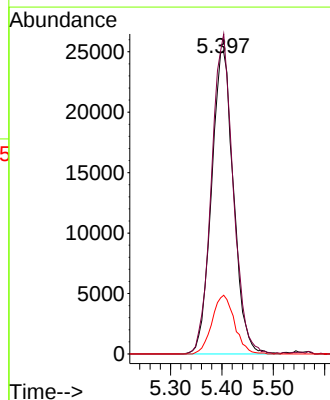
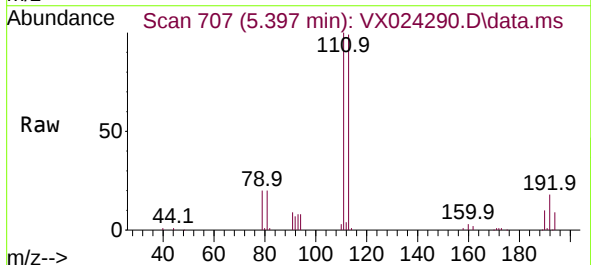
Instrument :  
MSVOA\_X  
ClientSampleId :  
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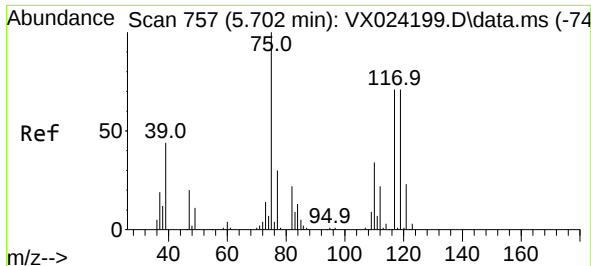
Tgt Ion:114 Resp: 243552  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 40.8  
88 16.8 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 45.693 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion:113 Resp: 74633  
Ion Ratio Lower Upper  
113 100  
111 104.0 81.9 122.9  
192 19.7 16.7 25.1

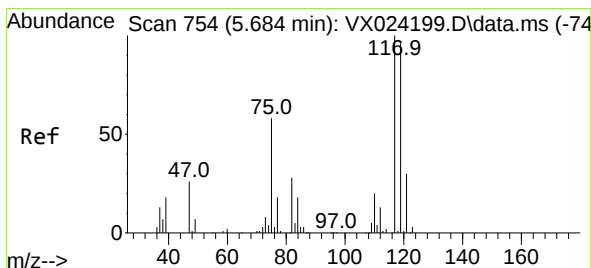
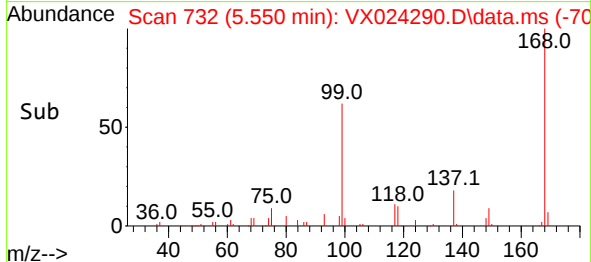
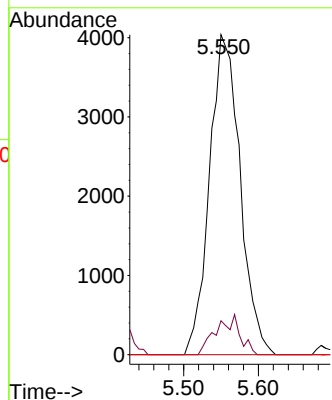
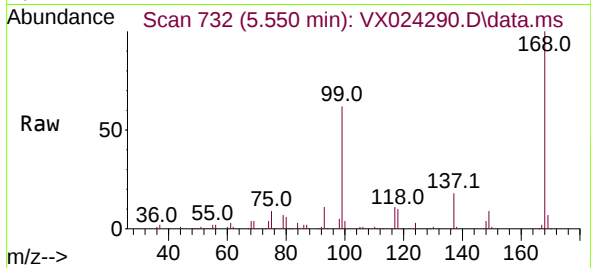




#36  
1,1-Dichloropropene  
Concen: 5.133 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.152 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

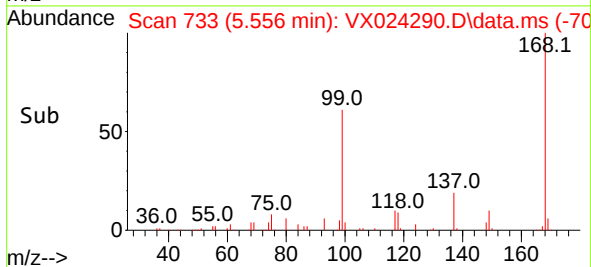
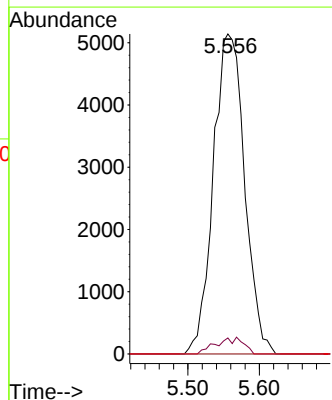
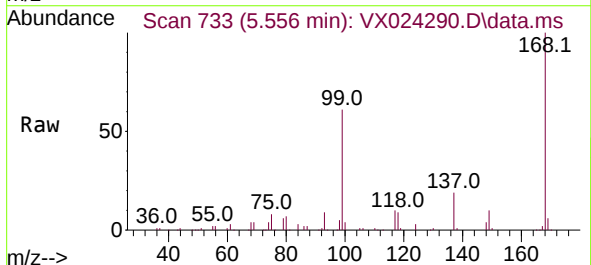
Instrument :  
MSVOA\_X  
ClientSampleId :  
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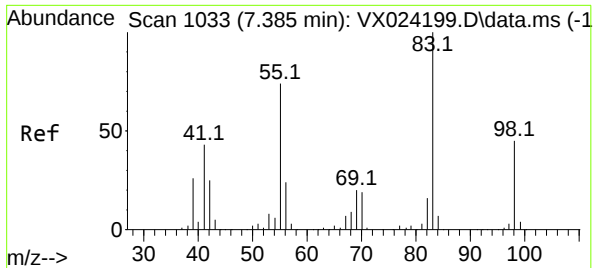
Tgt Ion: 75 Resp: 11493  
Ion Ratio Lower Upper  
75 100  
110 9.7 18.1 54.4#  
77 0.0 25.3 37.9#



#38  
Carbon Tetrachloride  
Concen: 6.199 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.128 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 117 Resp: 15624  
Ion Ratio Lower Upper  
117 100  
119 5.0 76.2 114.2#  
121 0.0 24.8 37.2#

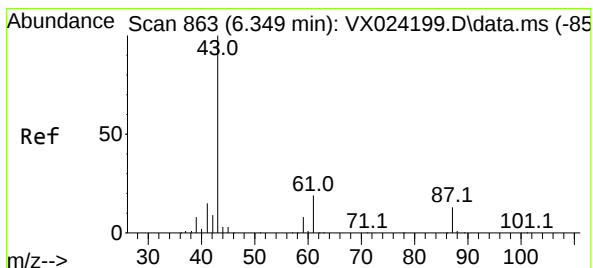
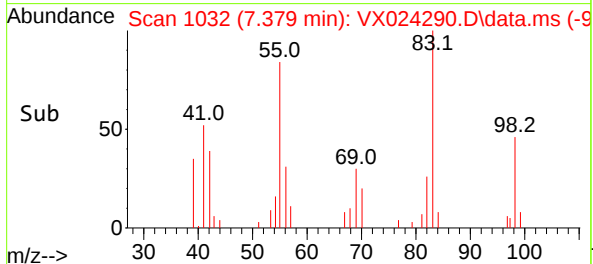
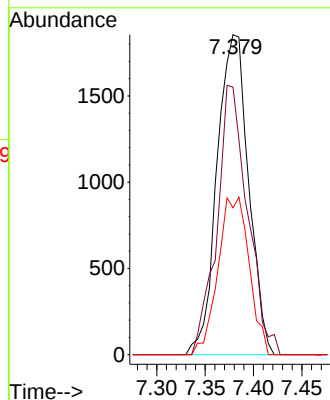
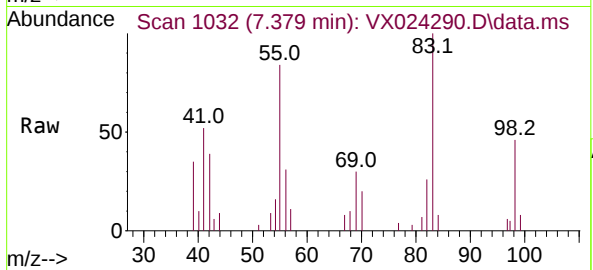




#39  
Methylcyclohexane  
Concen: 1.572 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

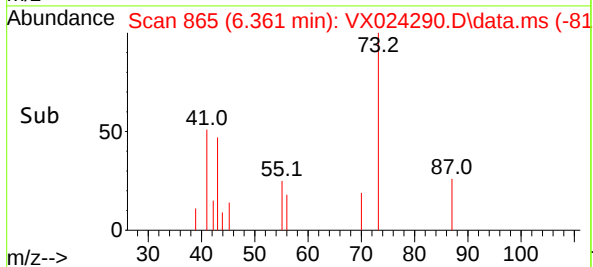
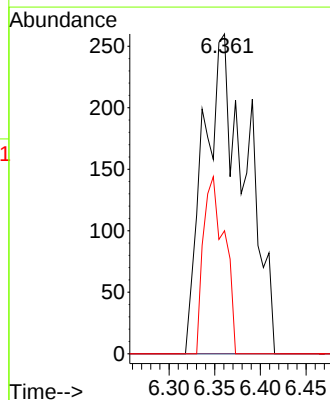
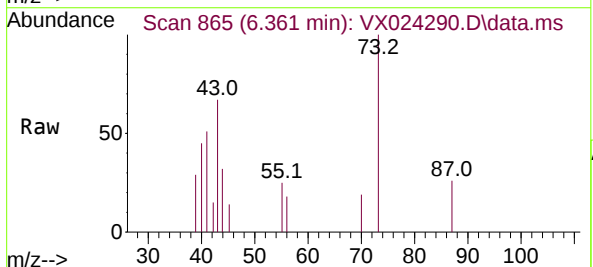
Instrument :  
MSVOA\_X  
ClientSampleId :  
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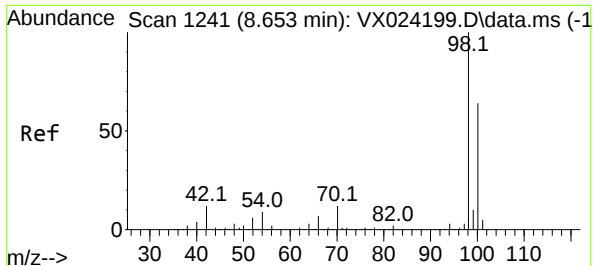
Tgt Ion: 83 Resp: 4203  
Ion Ratio Lower Upper  
83 100  
55 83.6 58.9 88.3  
98 45.9 38.1 57.1



#43  
Isopropyl Acetate  
Concen: 0.202 ug/l  
RT: 6.361 min Scan# 865  
Delta R.T. 0.012 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 43 Resp: 837  
Ion Ratio Lower Upper  
43 100  
61 0.0 18.2 27.4#  
87 27.6 12.5 18.7#

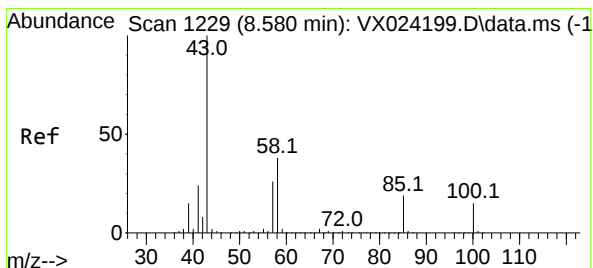
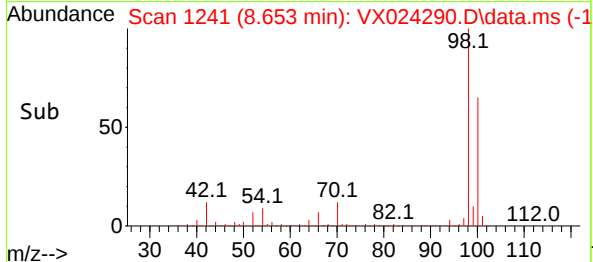
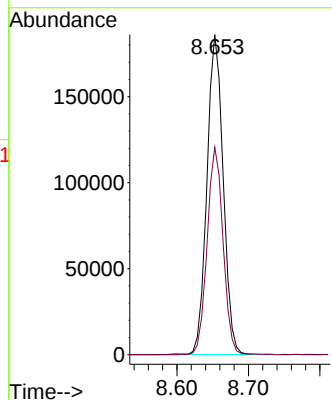
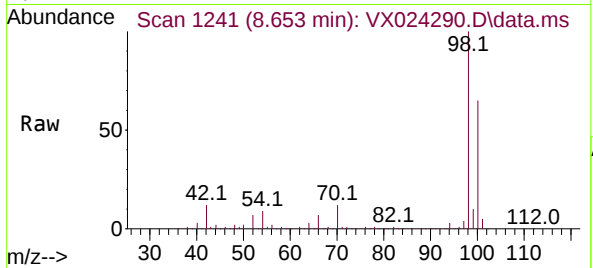




#50  
Toluene-d8  
Concen: 49.219 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

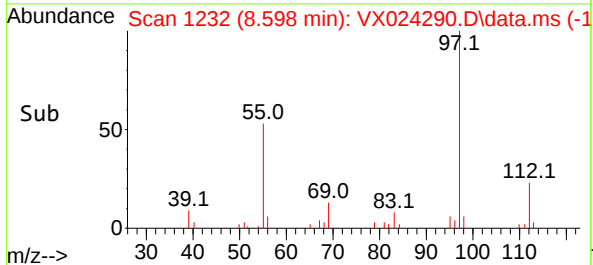
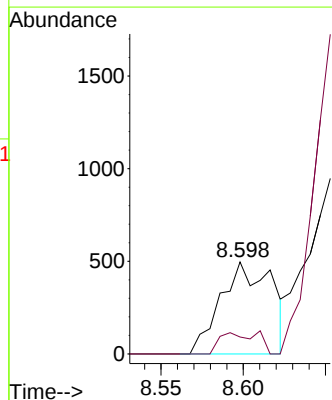
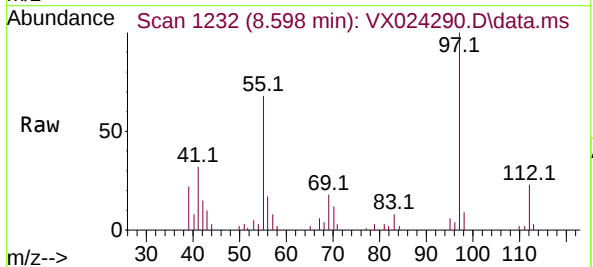
Instrument :  
MSVOA\_X  
ClientSampleId :  
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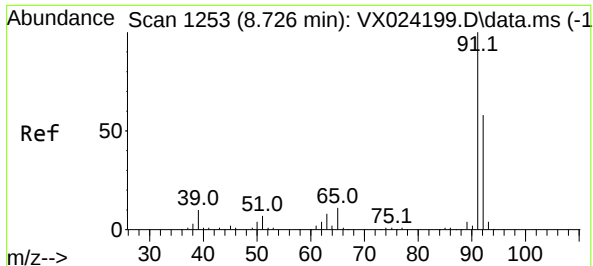
Tgt Ion: 98 Resp: 292867  
Ion Ratio Lower Upper  
98 100  
100 63.6 51.9 77.9



#51  
4-Methyl-2-Pentanone  
Concen: 0.403 ug/l  
RT: 8.598 min Scan# 1232  
Delta R.T. 0.018 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 43 Resp: 1067  
Ion Ratio Lower Upper  
43 100  
58 17.3 35.4 53.0#

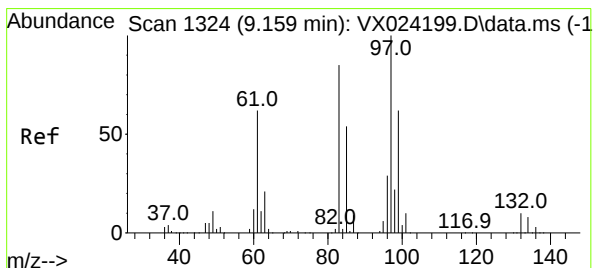
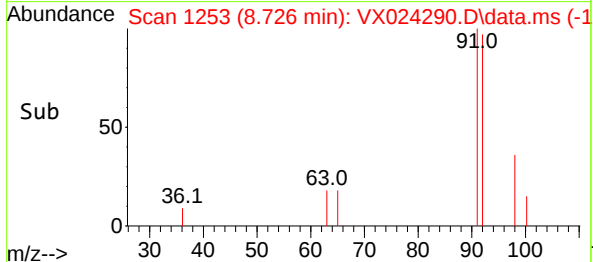
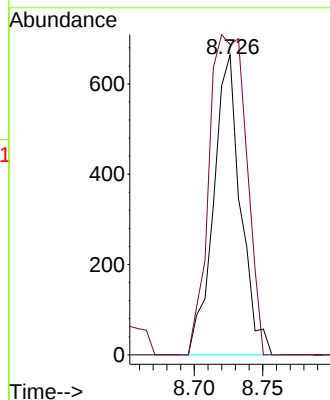
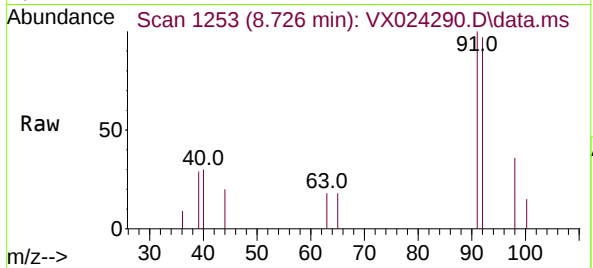




#52  
Toluene  
Concen: 0.217 ug/l  
RT: 8.726 min Scan# 1253  
Delta R.T. 0.000 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

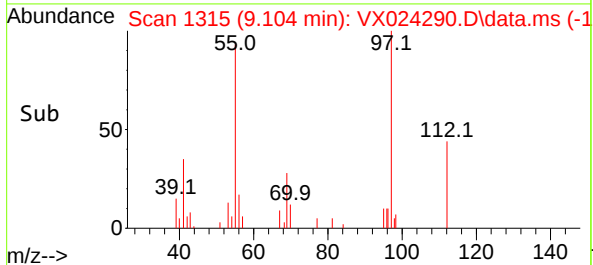
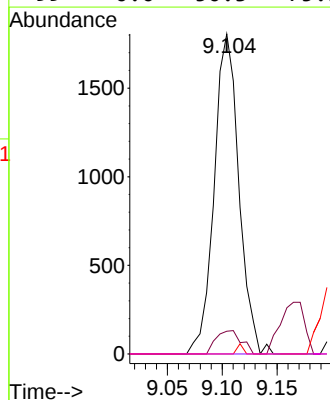
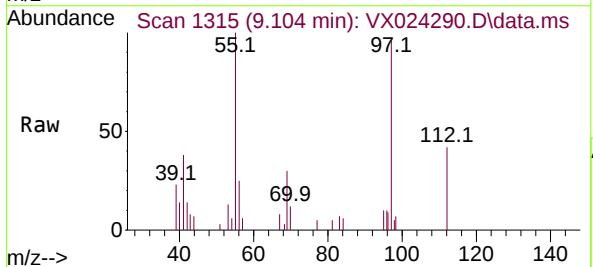
Instrument :  
MSVOA\_X  
ClientSampleId :  
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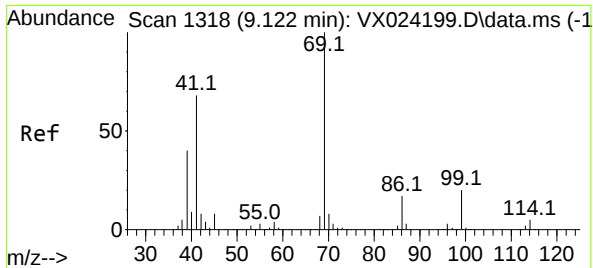
Tgt Ion: 92 Resp: 914  
Ion Ratio Lower Upper  
92 100  
91 147.0 137.1 205.7



#55  
1,1,2-Trichloroethane  
Concen: 1.582 ug/l  
RT: 9.104 min Scan# 1315  
Delta R.T. -0.055 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 97 Resp: 2836  
Ion Ratio Lower Upper  
97 100  
83 7.1 69.3 103.9#  
85 0.0 44.3 66.5#  
99 0.0 50.3 75.5#

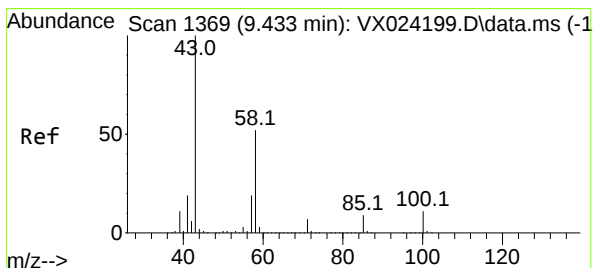
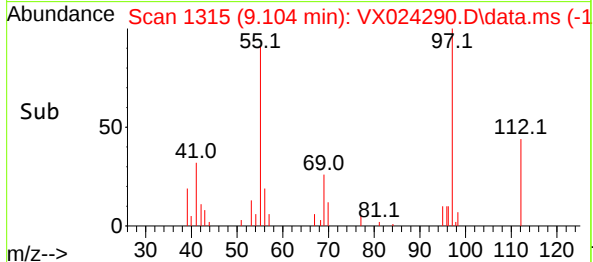
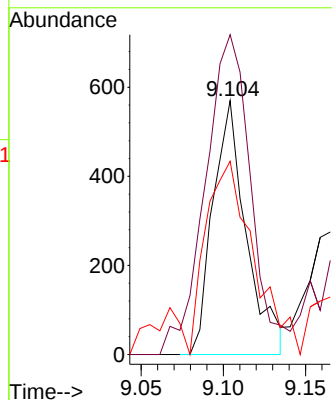
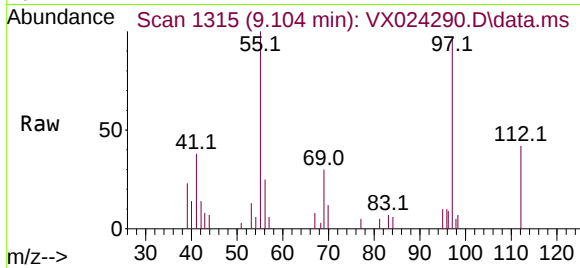




#56  
Ethyl methacrylate  
Concen: 1.624 ug/l  
RT: 9.104 min Scan# 1315  
Delta R.T. -0.018 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

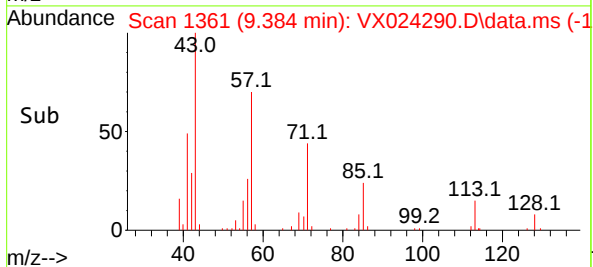
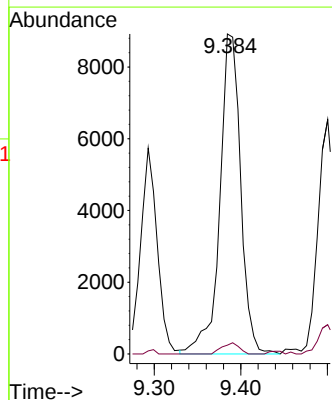
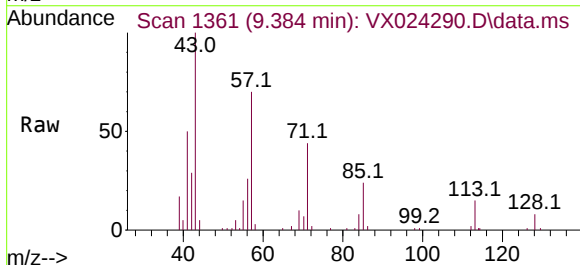
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUP-UST-01-(5-7)REME

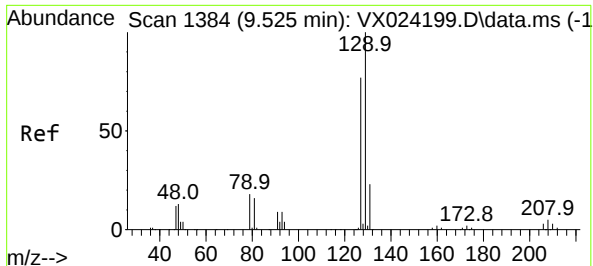
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 804   |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 172.1 | 46.8  | 70.2# |
| 39       | 108.7 | 24.7  | 37.1# |



#59  
2-Hexanone  
Concen: 7.236 ug/l  
RT: 9.384 min Scan# 1361  
Delta R.T. -0.049 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 14922 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 2.8   | 30.9  | 92.8# |

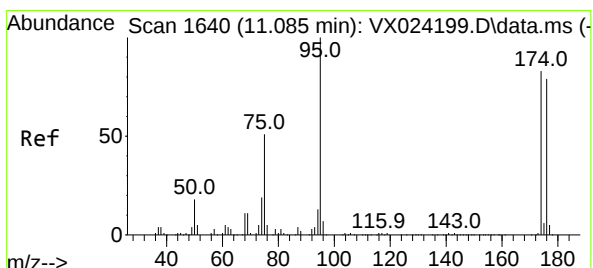
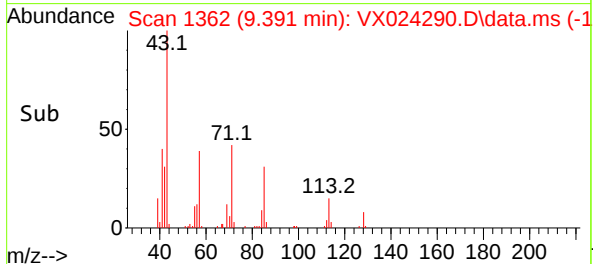
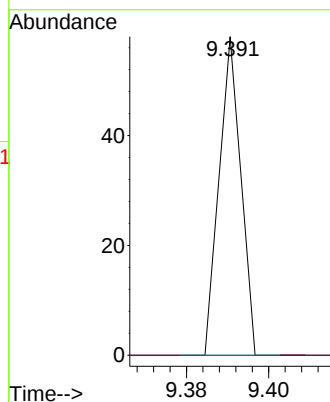
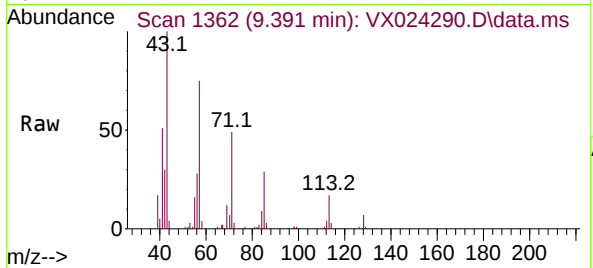




#60  
Dibromochloromethane  
Concen: 1.736 ug/l  
RT: 9.391 min Scan# 1362  
Delta R.T. -0.134 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

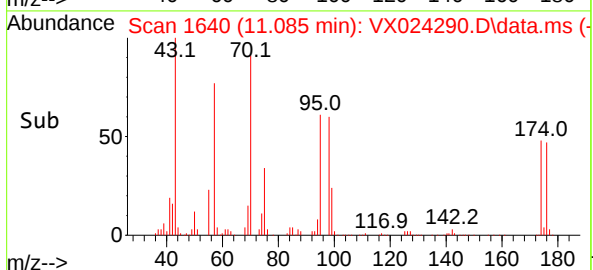
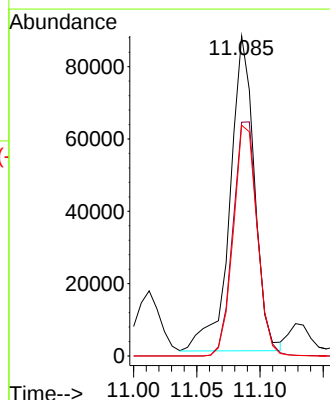
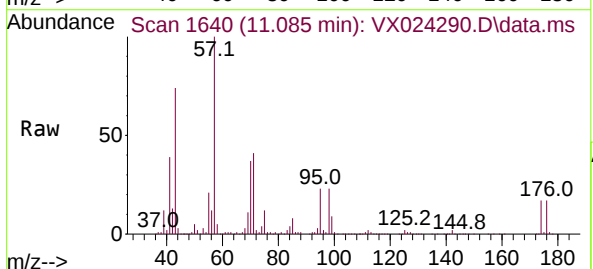
Instrument :  
MSVOA\_X  
ClientSampleId :  
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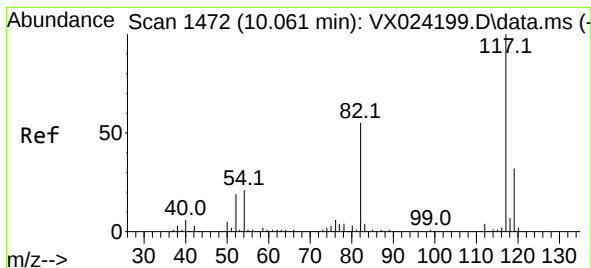
Tgt Ion:129 Resp: 21  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.4 115.2#



#62  
4-Bromofluorobenzene  
Concen: 50.740 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 95 Resp: 117495  
Ion Ratio Lower Upper  
95 100  
174 74.2 0.0 154.6  
176 71.2 0.0 155.8

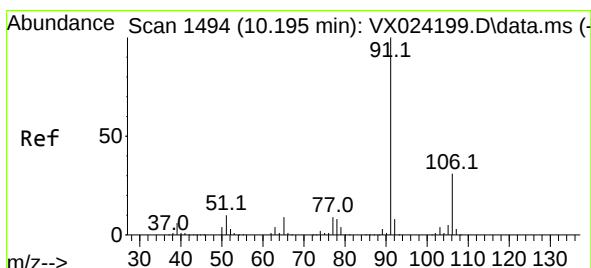
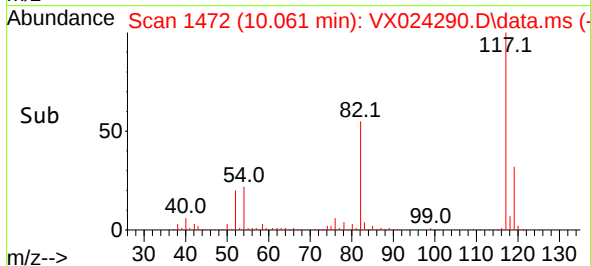
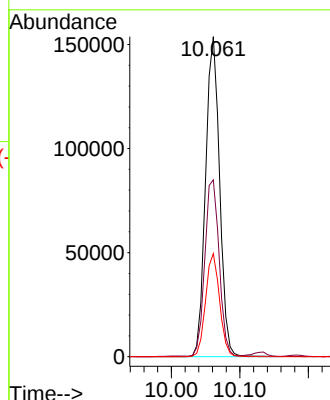
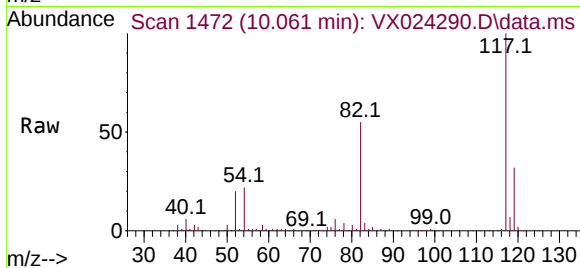




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

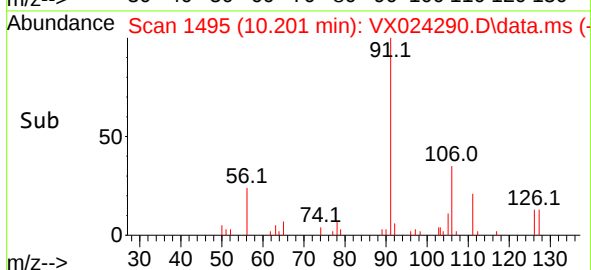
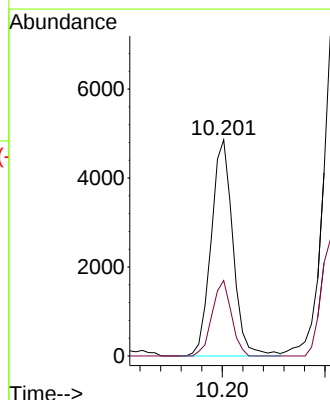
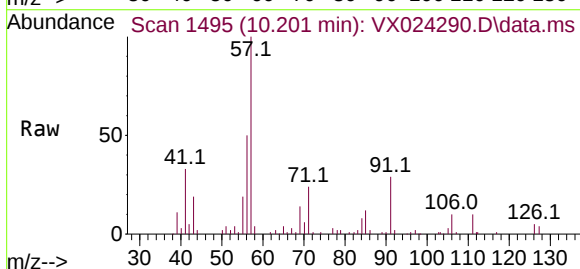
Instrument :  
MSVOA\_X  
ClientSampleId :  
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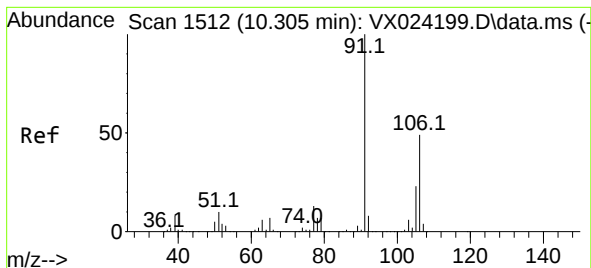
Tgt Ion:117 Resp: 219509  
Ion Ratio Lower Upper  
117 100  
82 55.2 47.4 71.2  
119 32.2 26.6 39.8



#67  
Ethyl Benzene  
Concen: 0.907 ug/l  
RT: 10.201 min Scan# 1495  
Delta R.T. 0.006 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 91 Resp: 7164  
Ion Ratio Lower Upper  
91 100  
106 34.8 24.6 37.0

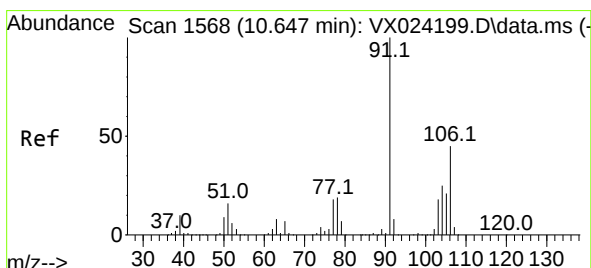
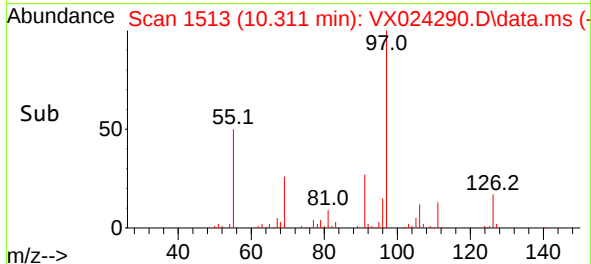
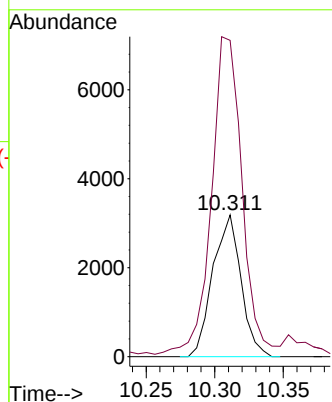
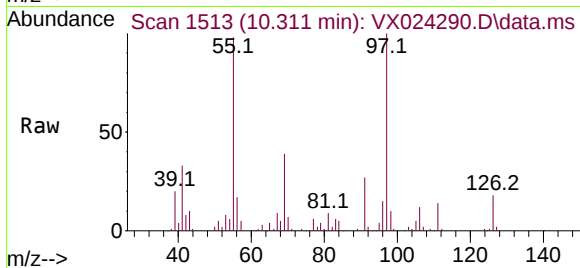




#68  
m/p-Xylenes  
Concen: 1.503 ug/l  
RT: 10.311 min Scan# 1513  
Delta R.T. 0.006 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

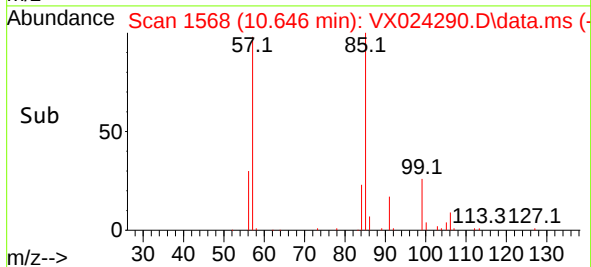
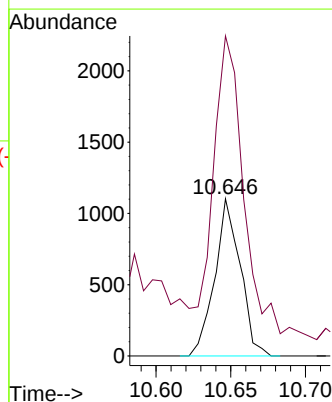
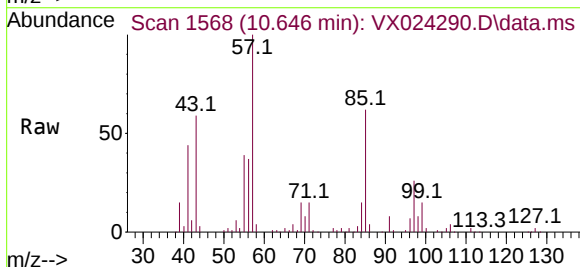
Instrument :  
MSVOA\_X  
ClientSampleId :  
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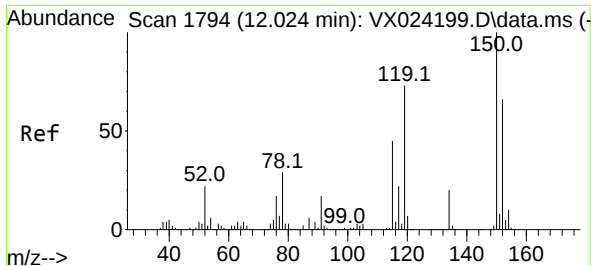
Tgt Ion:106 Resp: 4546  
Ion Ratio Lower Upper  
106 100  
91 243.6 162.8 244.2



#69  
o-Xylene  
Concen: 0.433 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.001 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion:106 Resp: 1306  
Ion Ratio Lower Upper  
106 100  
91 235.2 108.1 324.2

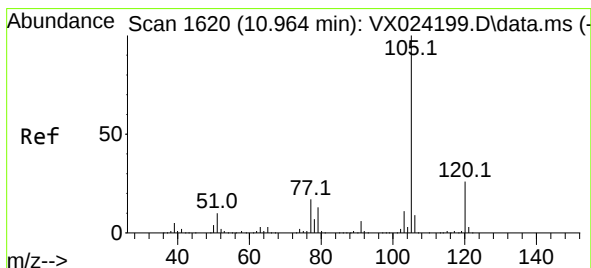
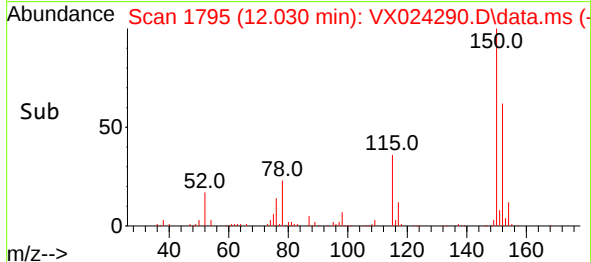
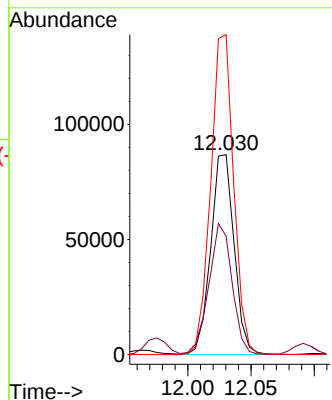
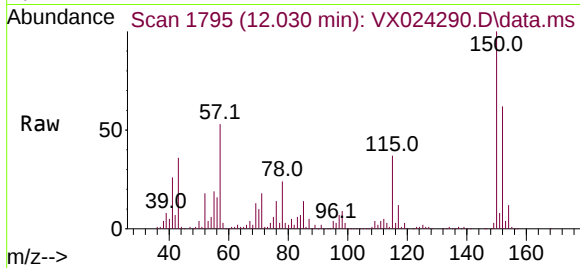




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.030 min Scan# 1795  
Delta R.T. 0.006 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

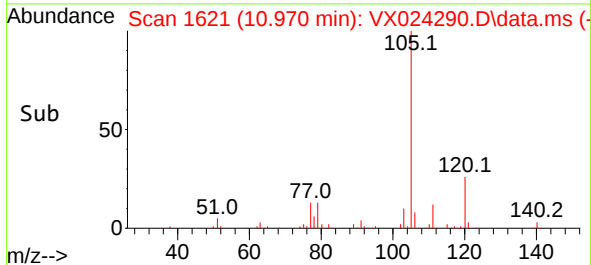
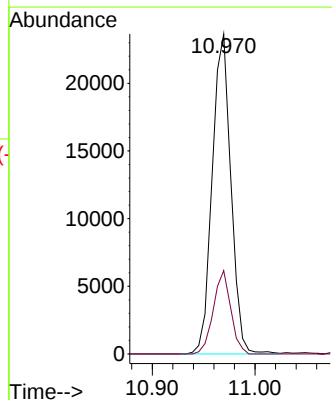
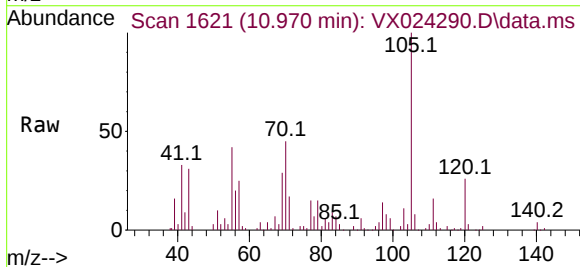
Instrument :  
MSVOA\_X  
ClientSampleId :  
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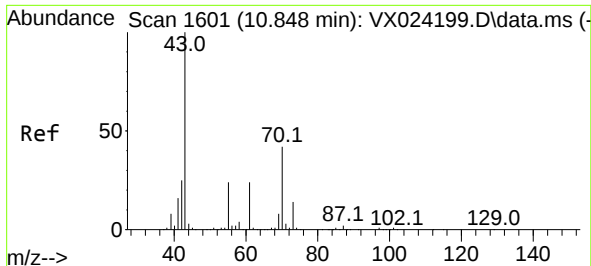
Tgt Ion:152 Resp: 111321  
Ion Ratio Lower Upper  
152 100  
115 65.4 41.1 123.3  
150 157.7 0.0 349.0



#73  
Isopropylbenzene  
Concen: 3.600 ug/l  
RT: 10.970 min Scan# 1621  
Delta R.T. 0.006 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion:105 Resp: 29846  
Ion Ratio Lower Upper  
105 100  
120 24.2 13.2 39.6

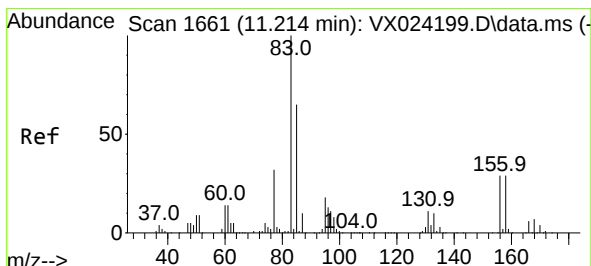
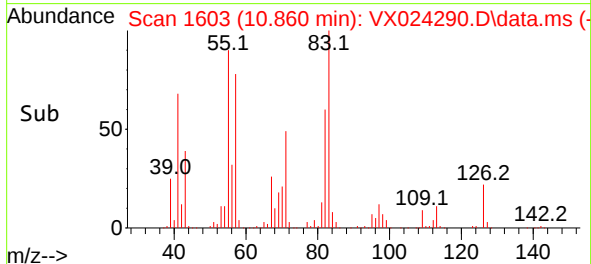
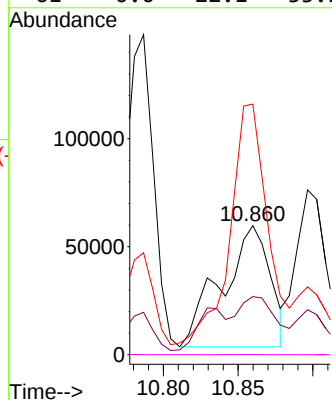
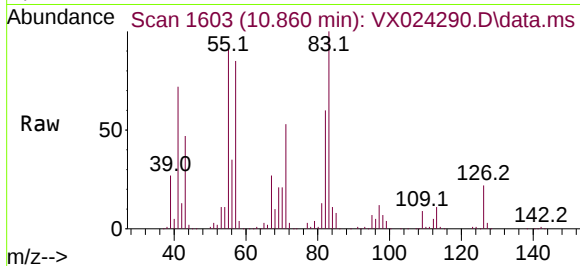




#74  
N-amy1 acetate  
Concen: 36.168 ug/l  
RT: 10.860 min Scan# 1603  
Delta R.T. 0.012 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

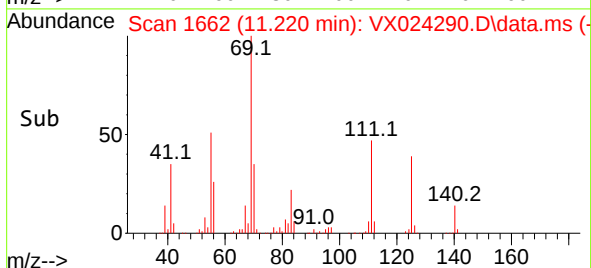
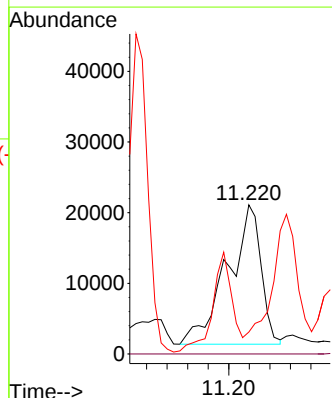
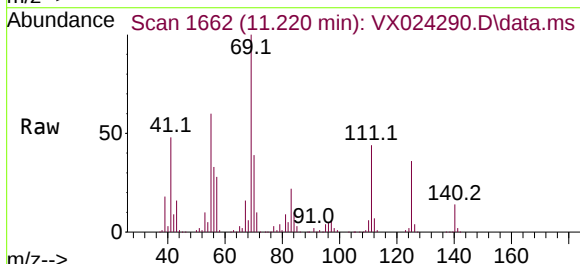
Instrument :  
MSVOA\_X  
ClientSampleId :  
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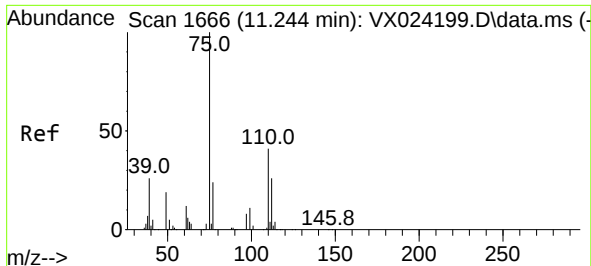
|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 126217 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 70 28.0     | 39.0 58.6#   |
| 55 153.4    | 21.5 32.3#   |
| 61 0.0      | 22.1 33.1#   |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 16.739 ug/l  
RT: 11.220 min Scan# 1662  
Delta R.T. 0.006 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 44892 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 131 0.0     | 5.1 15.2#   |
| 85 0.0      | 31.8 95.4#  |

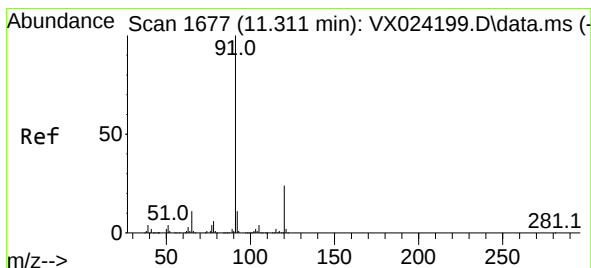
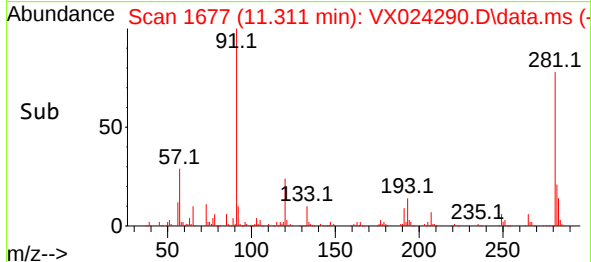
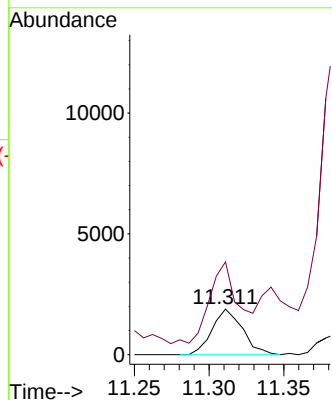
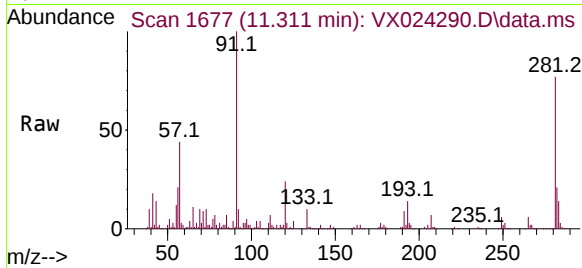




#76  
1,2,3-Trichloropropane  
Concen: 1.040 ug/l  
RT: 11.311 min Scan# 1677  
Delta R.T. 0.067 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

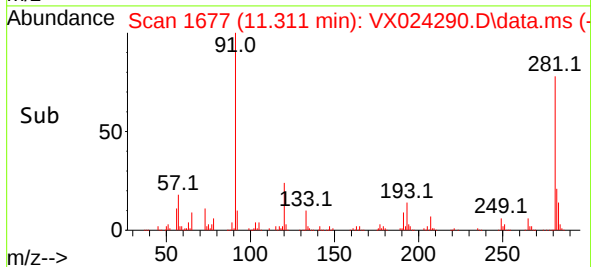
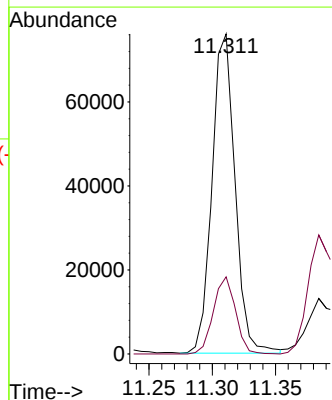
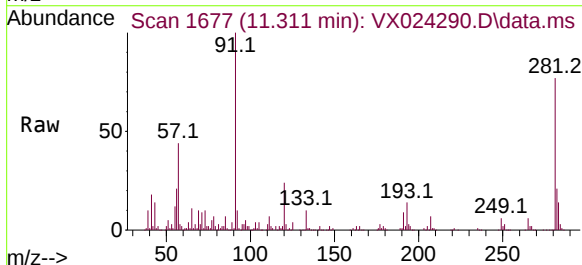
Instrument :  
MSVOA\_X  
ClientSampleId :  
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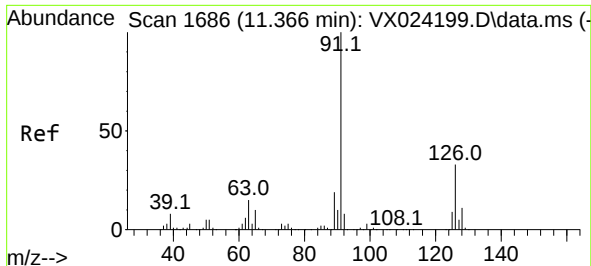
Tgt Ion: 75 Resp: 2663  
Ion Ratio Lower Upper  
75 100  
77 174.5 19.1 57.5#



#78  
n-propylbenzene  
Concen: 10.281 ug/l  
RT: 11.311 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 91 Resp: 96283  
Ion Ratio Lower Upper  
91 100  
120 23.2 11.5 34.5

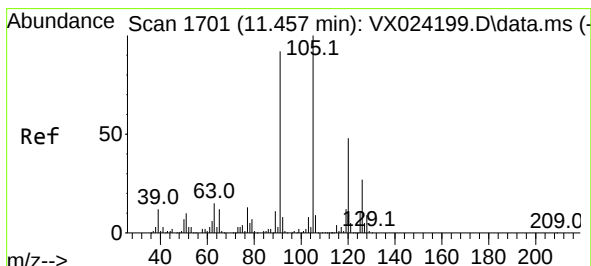
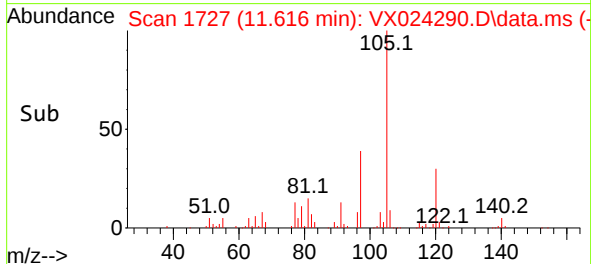
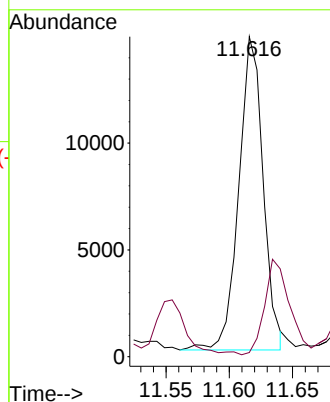
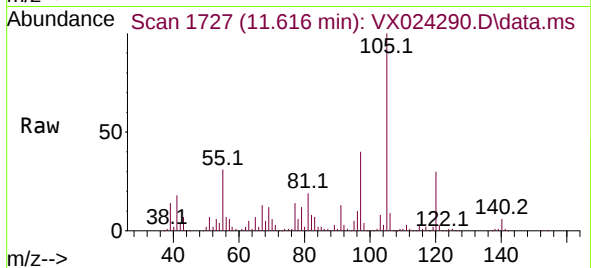




#79  
2-Chlorotoluene  
Concen: 3.380 ug/l  
RT: 11.616 min Scan# 1727  
Delta R.T. 0.250 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

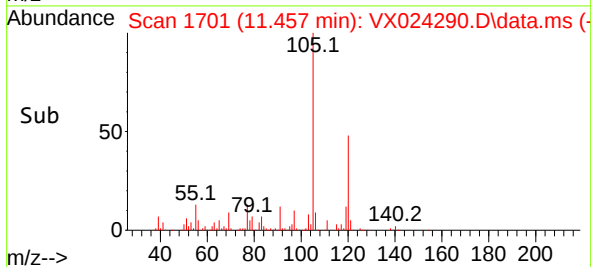
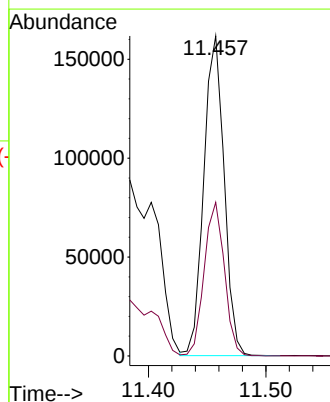
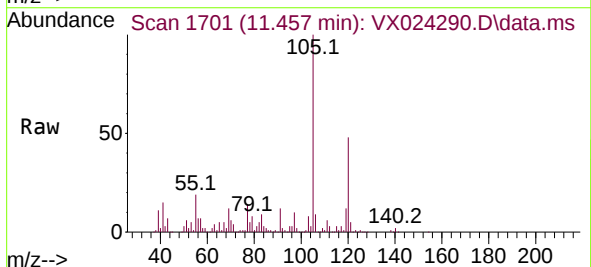
Instrument :  
MSVOA\_X  
ClientSampleId :  
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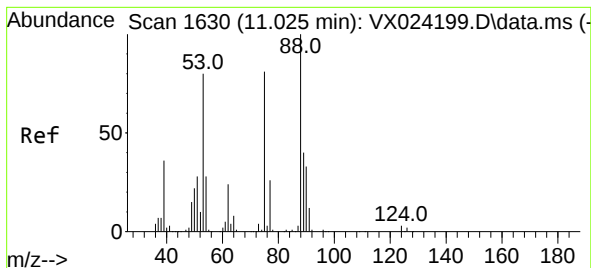
Tgt Ion: 91 Resp: 19664  
Ion Ratio Lower Upper  
91 100  
126 21.6 16.6 49.8



#80  
1,3,5-Trimethylbenzene  
Concen: 27.739 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 105 Resp: 193830  
Ion Ratio Lower Upper  
105 100  
120 47.8 23.8 71.5

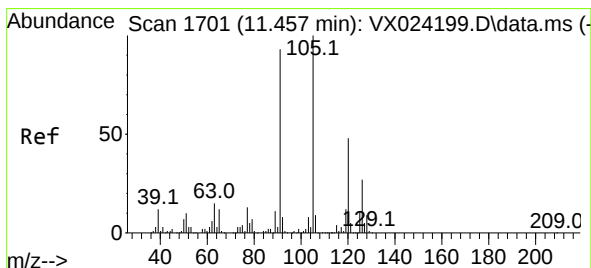
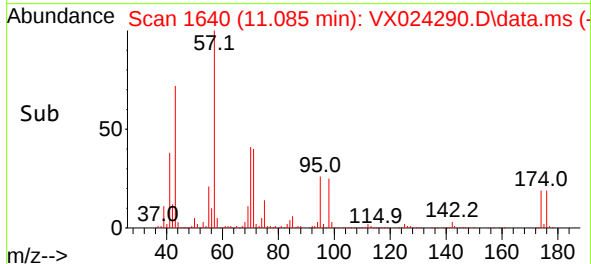
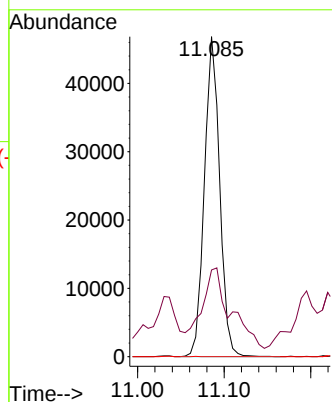
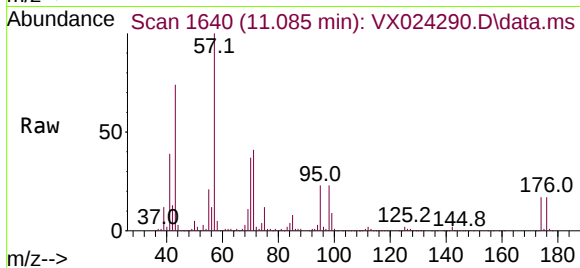




#81  
trans-1,4-Dichloro-2-butene  
Concen: 65.898 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.060 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

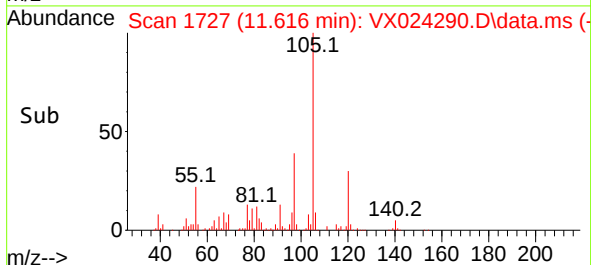
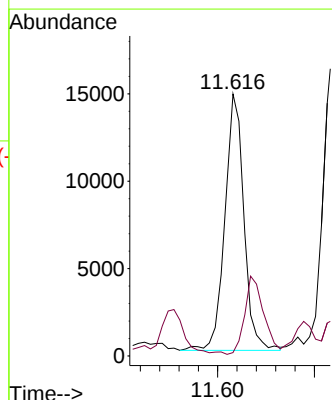
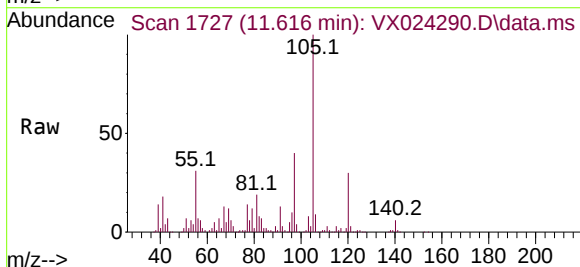
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUP-UST-01-(5-7)REME

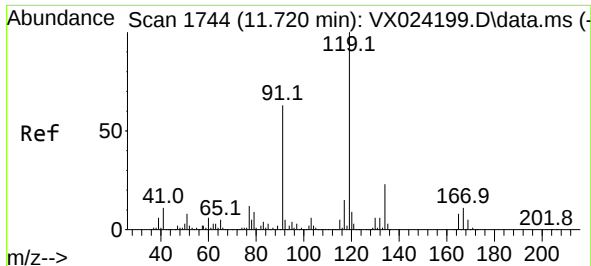
Tgt Ion: 75 Resp: 57355  
Ion Ratio Lower Upper  
75 100  
53 50.1 74.5 111.7#  
89 0.0 37.9 56.9#



#82  
4-Chlorotoluene  
Concen: 3.030 ug/l  
RT: 11.616 min Scan# 1727  
Delta R.T. 0.159 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 91 Resp: 20055  
Ion Ratio Lower Upper  
91 100  
126 30.5 14.9 44.5

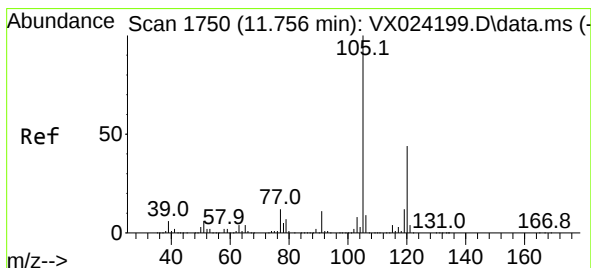
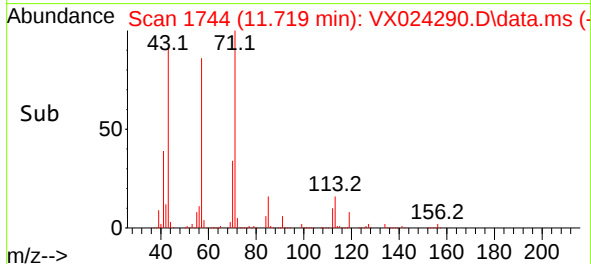
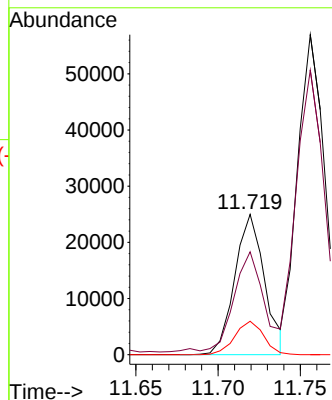
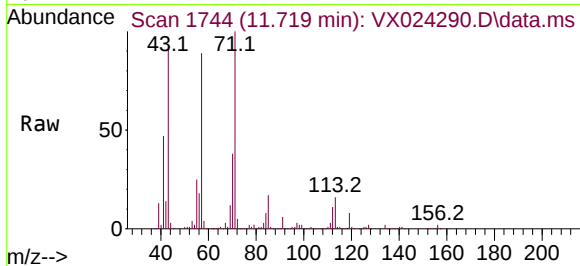




#83  
tert-Butylbenzene  
Concen: 4.673 ug/l  
RT: 11.719 min Scan# 1744  
Delta R.T. -0.001 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

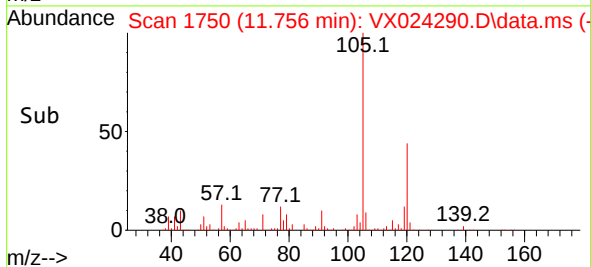
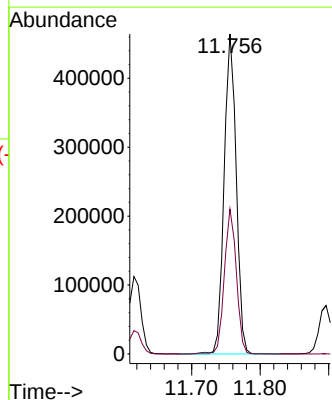
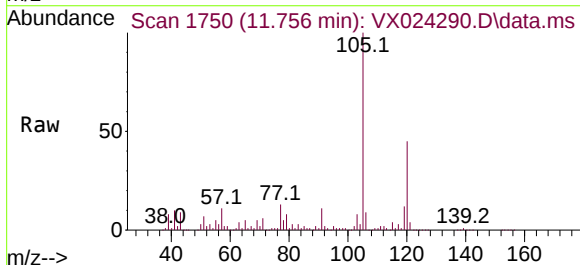
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUP-UST-01-(5-7)REME

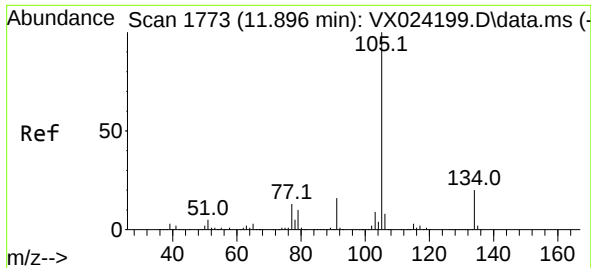
Tgt Ion:119 Resp: 31518  
Ion Ratio Lower Upper  
119 100  
91 72.8 27.9 83.7  
134 23.1 11.3 33.9



#84  
1,2,4-Trimethylbenzene  
Concen: 81.851 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion:105 Resp: 562620  
Ion Ratio Lower Upper  
105 100  
120 45.3 22.4 67.3

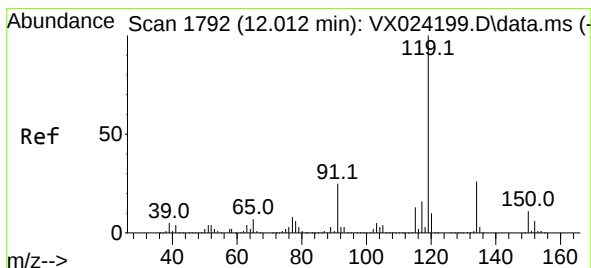
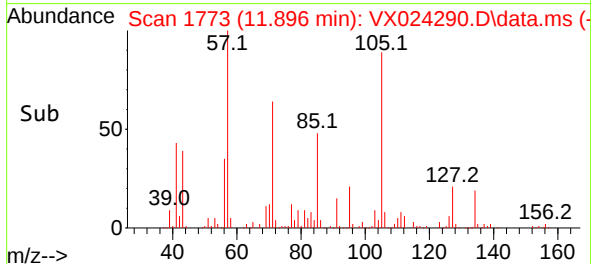
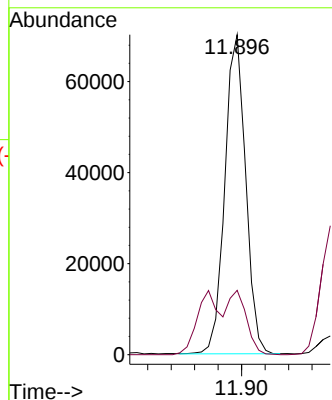
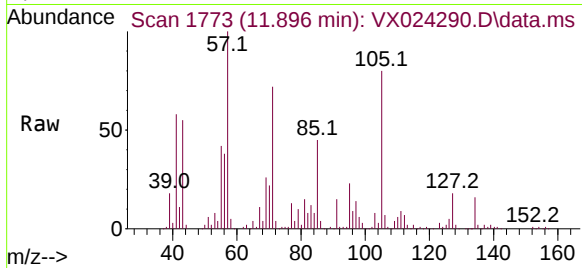




#85  
 sec-Butylbenzene  
 Concen: 10.217 ug/l  
 RT: 11.896 min Scan# 1773  
 Delta R.T. 0.000 min  
 Lab File: VX024290.D  
 Acq: 16 Sep 2021 16:05

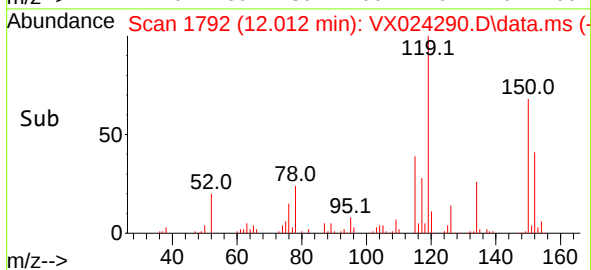
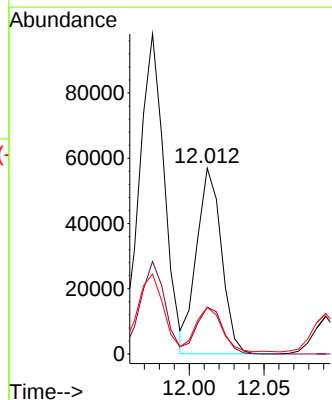
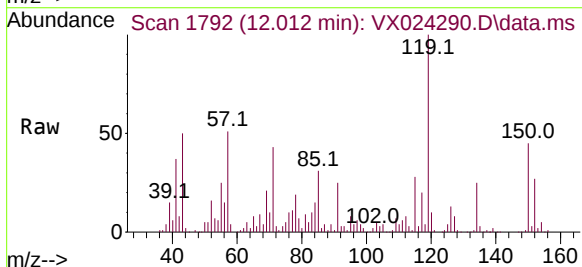
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SUP-UST-01-(5-7)REME

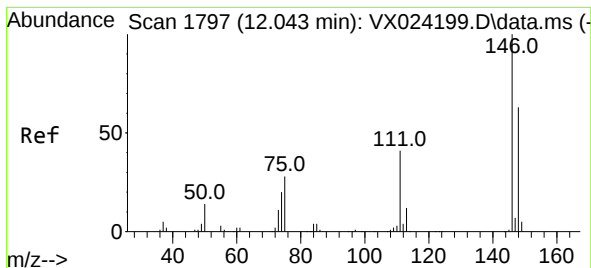
Tgt Ion:105 Resp: 86336  
 Ion Ratio Lower Upper  
 105 100  
 134 17.6 10.0 29.8



#86  
 p-Isopropyltoluene  
 Concen: 9.258 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX024290.D  
 Acq: 16 Sep 2021 16:05

Tgt Ion:119 Resp: 65664  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 12.9 38.7  
 91 25.6 11.7 35.0





#88

1,4-Dichlorobenzene

Concen: 0.211 ug/l

RT: 12.049 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VX024290.D

Acq: 16 Sep 2021 16:05

Tgt Ion:146 Resp: 802

Ion Ratio Lower Upper

146 100

111 1008.9 19.6 58.8#

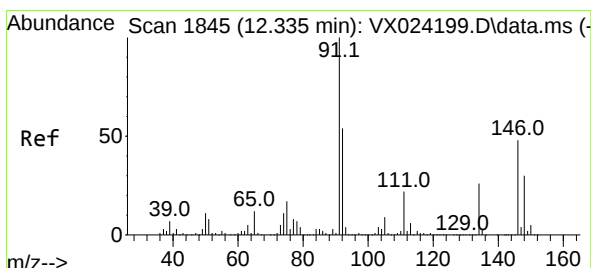
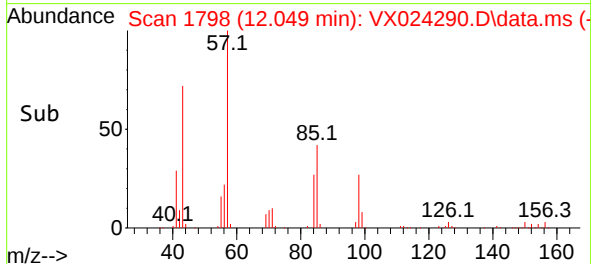
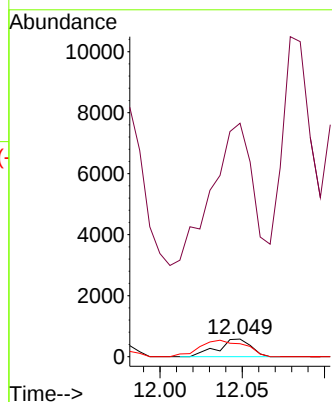
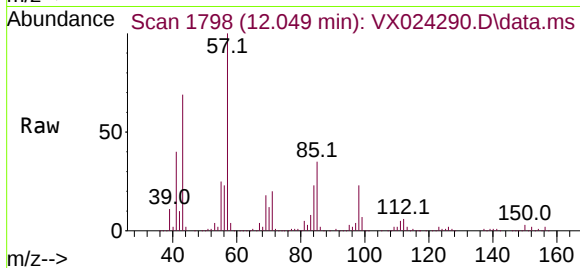
148 129.3 31.6 95.0#

Instrument :

MSVOA\_X

ClientSampleId :

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#89

n-Butylbenzene

Concen: 20.510 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX024290.D

Acq: 16 Sep 2021 16:05

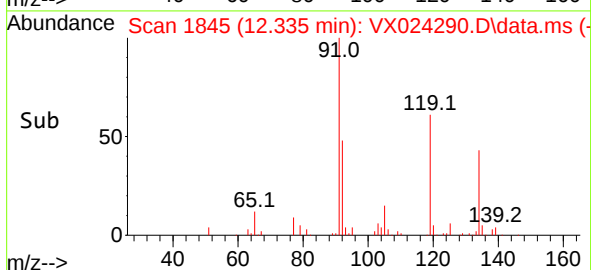
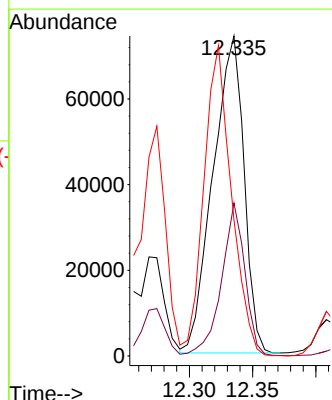
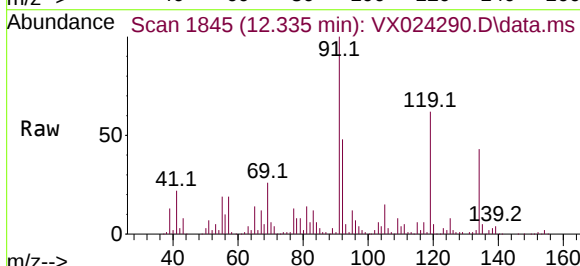
Tgt Ion: 91 Resp: 125876

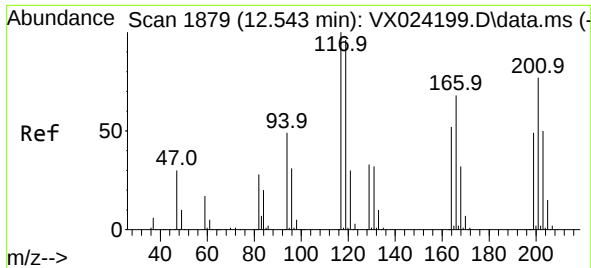
Ion Ratio Lower Upper

91 100

92 36.3 27.4 82.0

134 87.3 13.2 39.5#

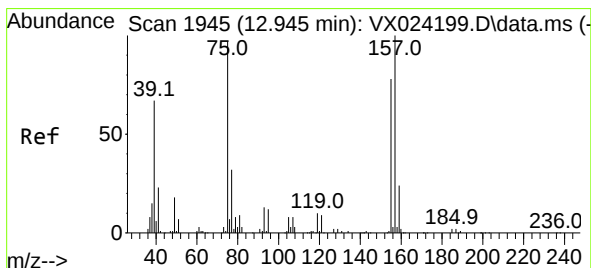
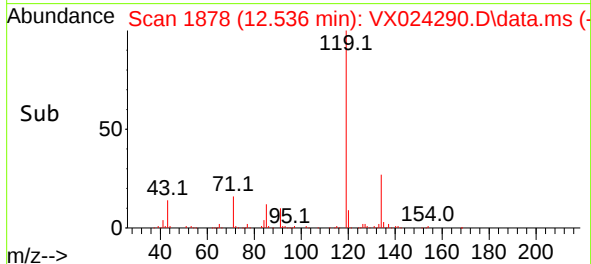
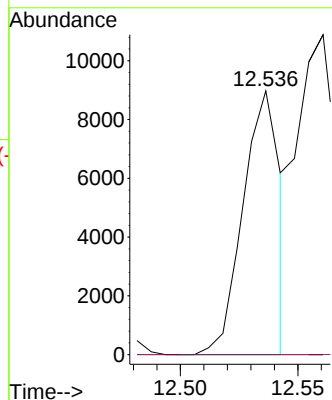
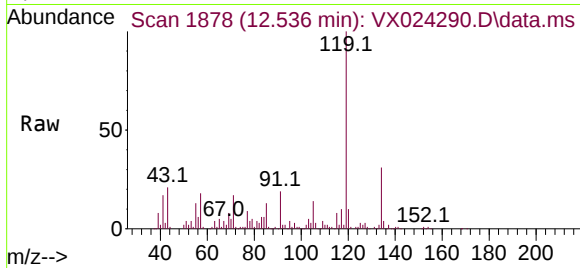




#90  
Hexachloroethane  
Concen: 8.637 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.007 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

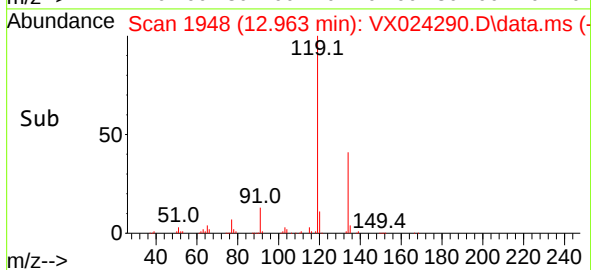
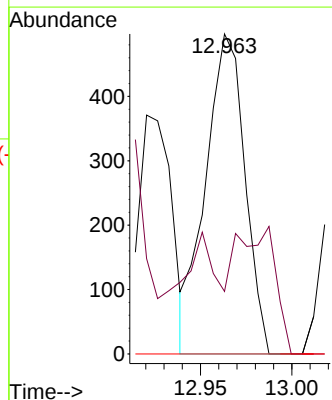
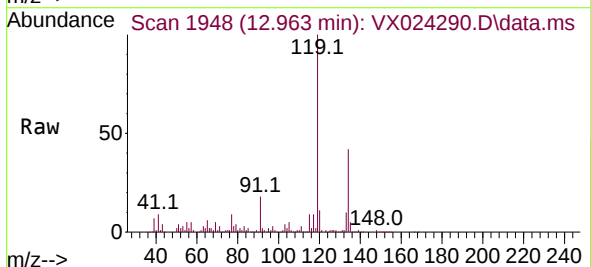
Instrument :  
MSVOA\_X  
ClientSampleId :  
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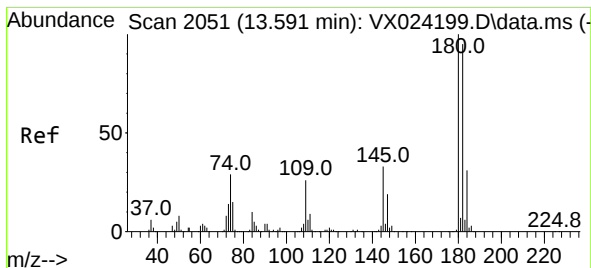
Tgt Ion:117 Resp: 9870  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.4 121.2#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 1.209 ug/l  
RT: 12.963 min Scan# 1948  
Delta R.T. 0.018 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion: 75 Resp: 744  
Ion Ratio Lower Upper  
75 100  
155 32.0 45.3 135.9#  
157 0.0 57.7 173.1#

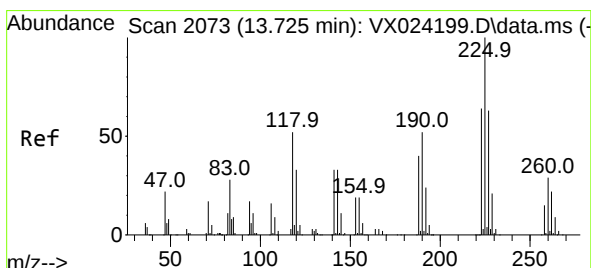
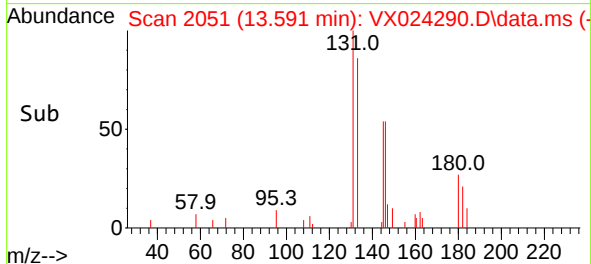
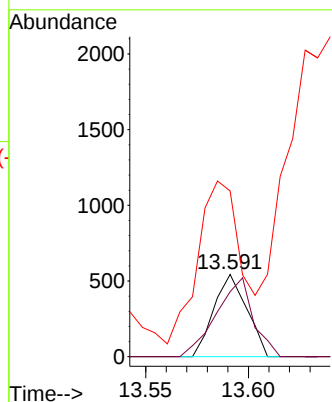
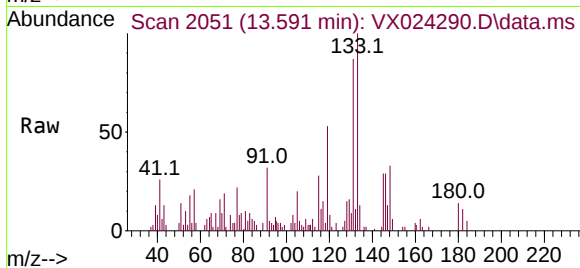




#93  
1,2,4-Trichlorobenzene  
Concen: 0.282 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

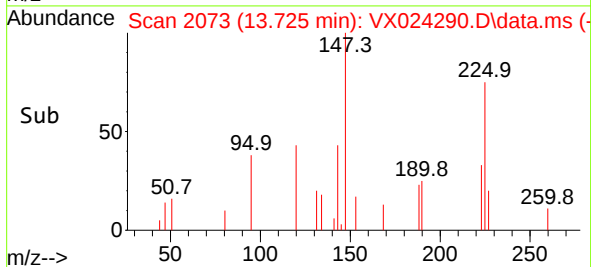
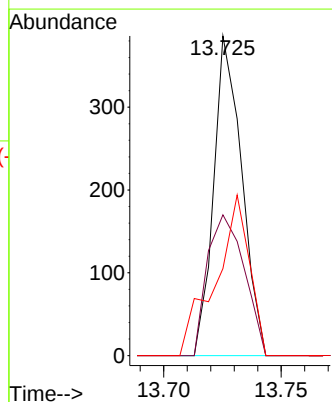
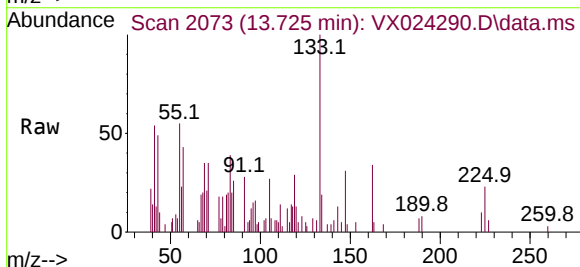
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUP-UST-01-(5-7)REME

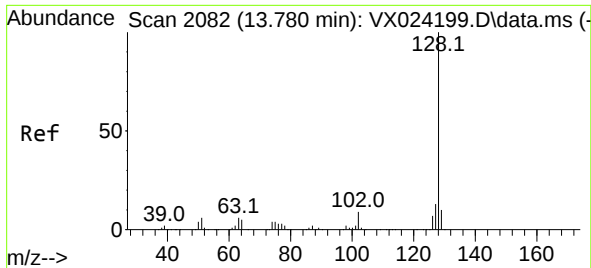
Tgt Ion:180 Resp: 608  
Ion Ratio Lower Upper  
180 100  
182 106.7 47.7 143.1  
145 293.3 15.0 45.0#



#94  
Hexachlorobutadiene  
Concen: 0.297 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion:225 Resp: 320  
Ion Ratio Lower Upper  
225 100  
223 57.8 31.1 93.2  
227 60.9 31.6 95.0

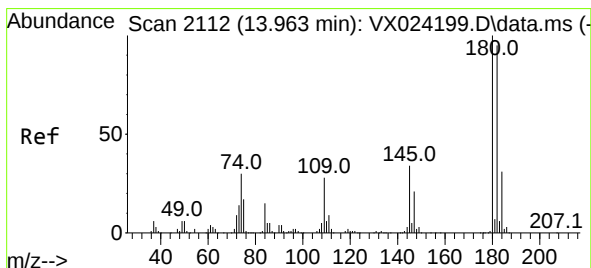
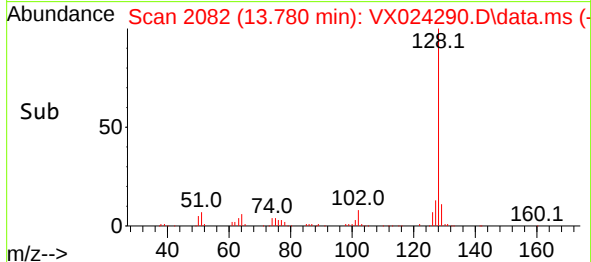
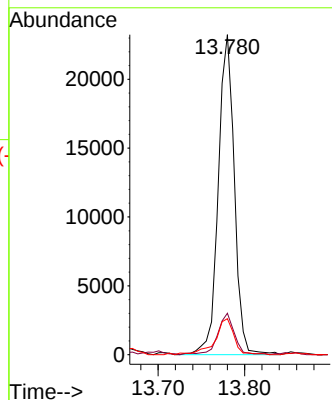
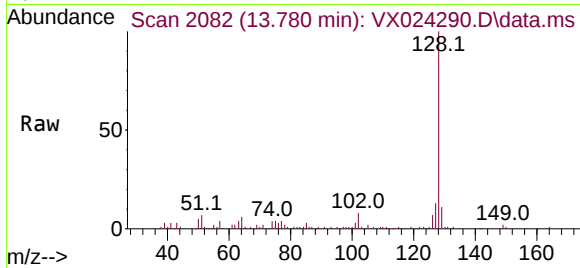




#95  
Naphthalene  
Concen: 4.964 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
SUP-UST-01-(5-7)REME

Tgt Ion:128 Resp: 30028  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.3 15.5  
129 13.4 8.8 13.2#



#96  
1,2,3-Trichlorobenzene  
Concen: 0.260 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX024290.D  
Acq: 16 Sep 2021 16:05

Tgt Ion:180 Resp: 566  
Ion Ratio Lower Upper  
180 100  
182 93.5 47.6 142.9  
145 184.3 16.1 48.3#

