

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010522\  
 Data File : VX026346.D  
 Acq On : 06 Jan 2022 01:15  
 Operator : JC/MD  
 Sample : N1019-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PZ-7

Quant Time: Jan 06 05:04:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration

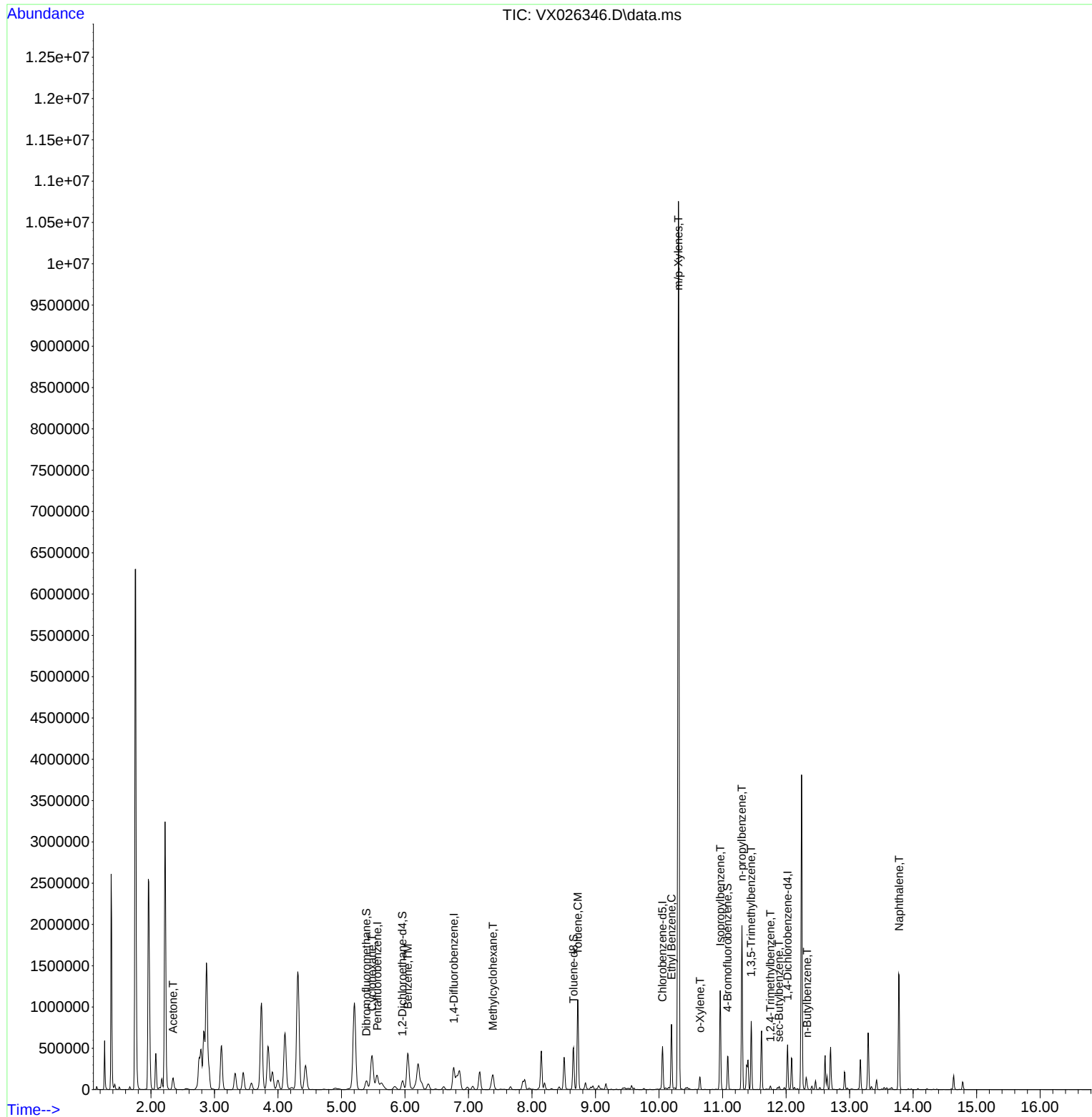
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 152463   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 255222   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 225287   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 103355   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 107713   | 48.834   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 97.660%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 81613    | 49.186   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 98.380%  |
| 50) Toluene-d8              | 8.653  | 98    | 299007   | 48.447   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 96.900%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 115987   | 52.791   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 105.580% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.349  | 43    | 62864    | 52.603   | ug/l # | 52       |
| 31) Cyclohexane             | 5.483  | 56    | 292391   | 93.085   | ug/l   | 97       |
| 39) Methylcyclohexane       | 7.385  | 83    | 74640    | 24.725   | ug/l   | 94       |
| 40) Benzene                 | 6.044  | 78    | 517194   | 67.713   | ug/l   | 99       |
| 52) Toluene                 | 8.720  | 92    | 398133   | 84.670   | ug/l   | 99       |
| 67) Ethyl Benzene           | 10.195 | 91    | 436658   | 49.344   | ug/l   | 97       |
| 68) m/p-Xylenes             | 10.305 | 106   | 2609842  | 789.880  | ug/l   | 97       |
| 69) o-Xylene                | 10.646 | 106   | 31546    | 9.758    | ug/l   | 92       |
| 73) Isopropylbenzene        | 10.963 | 105   | 587195   | 73.091   | ug/l   | 98       |
| 78) n-propylbenzene         | 11.305 | 91    | 1171724  | 126.852  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene  | 11.451 | 105   | 337830   | 50.672   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene  | 11.756 | 105   | 18898    | 2.837    | ug/l   | 99       |
| 85) sec-Butylbenzene        | 11.890 | 105   | 17797    | 2.204    | ug/l   | 94       |
| 89) n-Butylbenzene          | 12.329 | 91    | 27660    | 4.623    | ug/l # | 45       |
| 95) Naphthalene             | 13.780 | 128   | 874256   | 109.446  | ug/l   | 100      |
| -----                       |        |       |          |          |        |          |

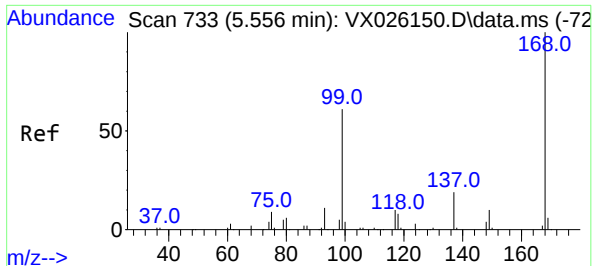
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010522\  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
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Quant Time: Jan 06 05:04:32 2022  
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Quant Title : SW846 8260  
QLast Update : Thu Dec 30 08:02:21 2021  
Response via : Initial Calibration

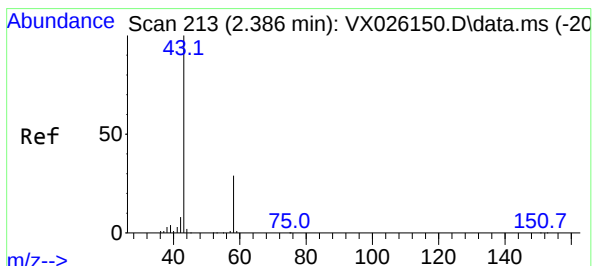
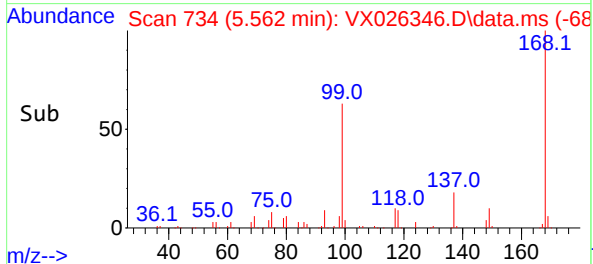
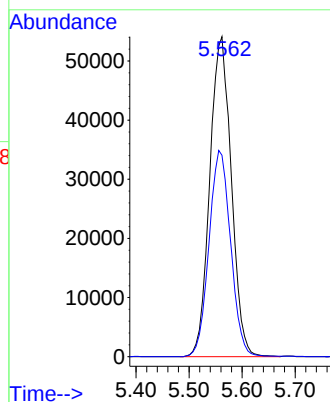
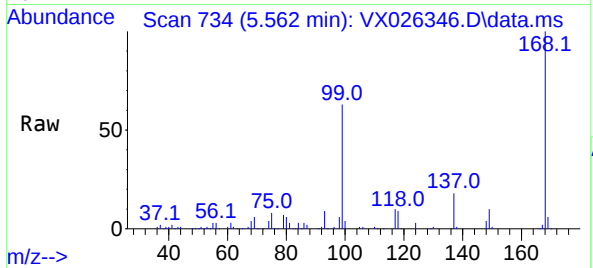




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

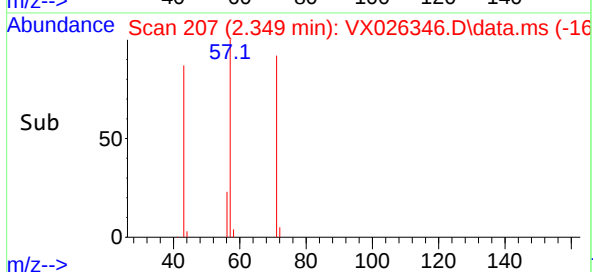
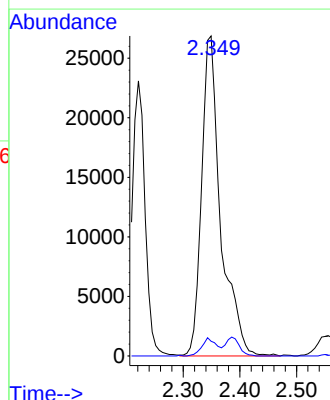
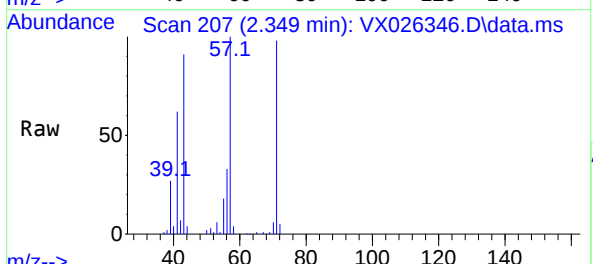
Instrument :  
MSVOA\_X  
ClientSampleId :  
PZ-7

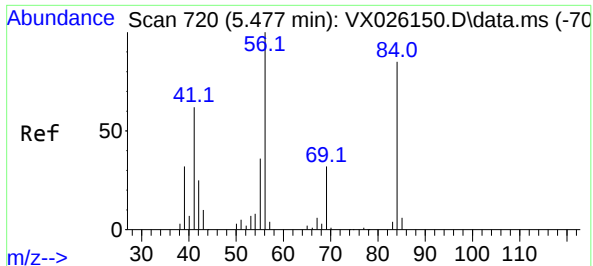
Tgt Ion:168 Resp: 152463  
Ion Ratio Lower Upper  
168 100  
99 62.9 45.8 68.8



#16  
Acetone  
Concen: 52.603 ug/l  
RT: 2.349 min Scan# 207  
Delta R.T. -0.037 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

Tgt Ion: 43 Resp: 62864  
Ion Ratio Lower Upper  
43 100  
58 4.6 24.8 37.2#

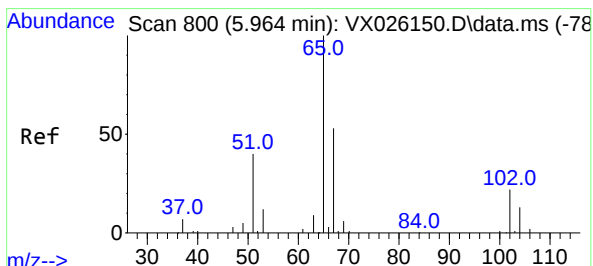
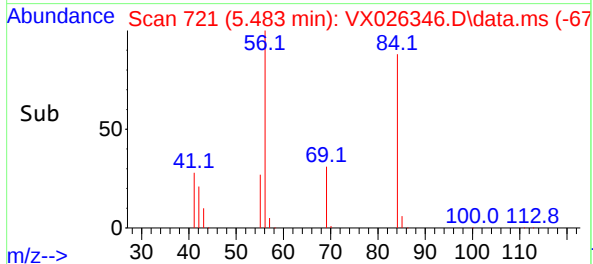
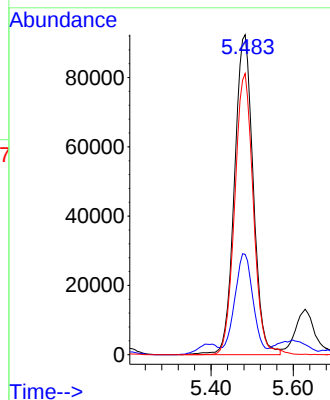
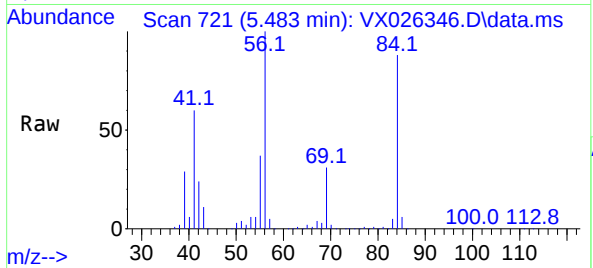




#31  
Cyclohexane  
Concen: 93.085 ug/l  
RT: 5.483 min Scan# 719  
Delta R.T. 0.006 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

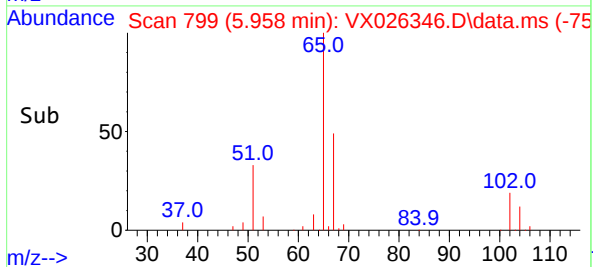
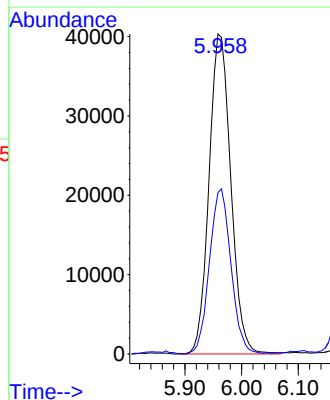
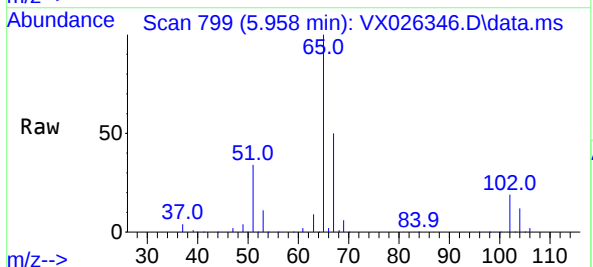
Instrument :  
MSVOA\_X  
ClientSampleId :  
PZ-7

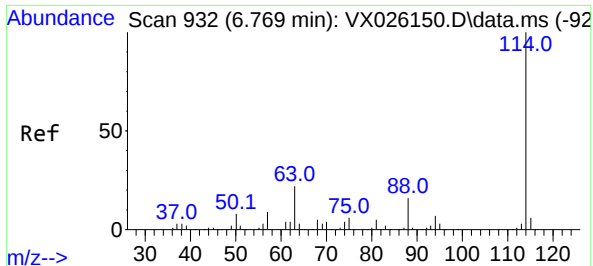
Tgt Ion: 56 Resp: 292391  
Ion Ratio Lower Upper  
56 100  
69 31.2 23.9 35.9  
84 87.8 73.2 109.8



#33  
1,2-Dichloroethane-d4  
Concen: 48.834 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

Tgt Ion: 65 Resp: 107713  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 103.4

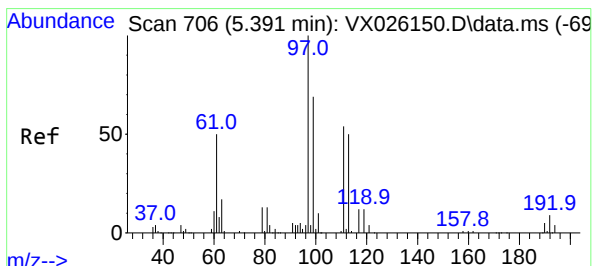
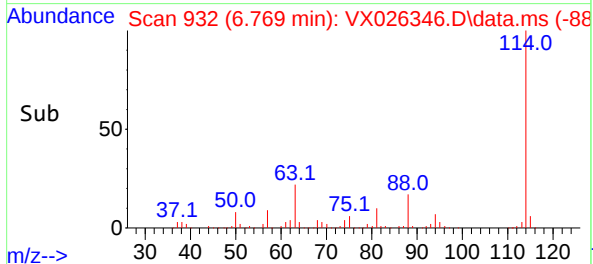
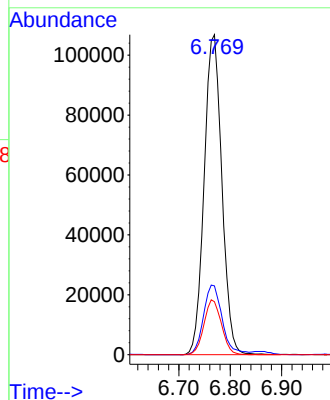
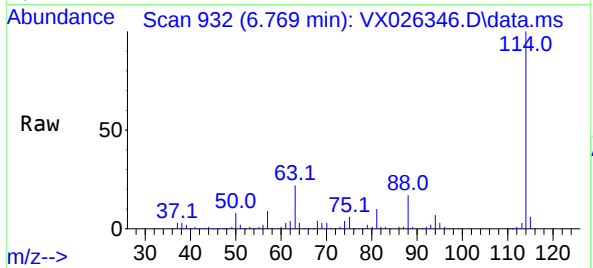




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

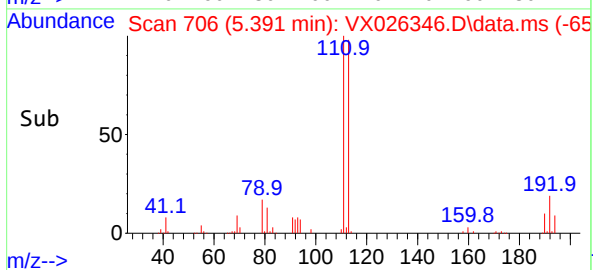
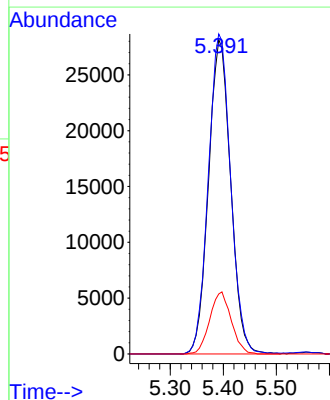
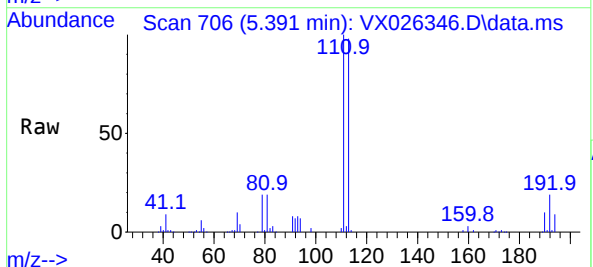
Instrument :  
MSVOA\_X  
ClientSampleId :  
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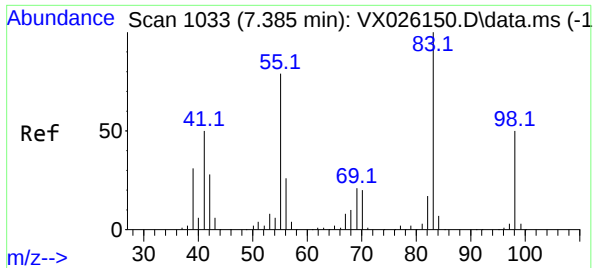
Tgt Ion:114 Resp: 255222  
Ion Ratio Lower Upper  
114 100  
63 21.5 0.0 40.0  
88 16.6 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 49.186 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

Tgt Ion:113 Resp: 81613  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.8 122.8  
192 19.2 15.0 22.4





#39

Methylcyclohexane

Concen: 24.725 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX026346.D

Acq: 06 Jan 2022 01:15

Instrument :

MSVOA\_X

ClientSampleId :

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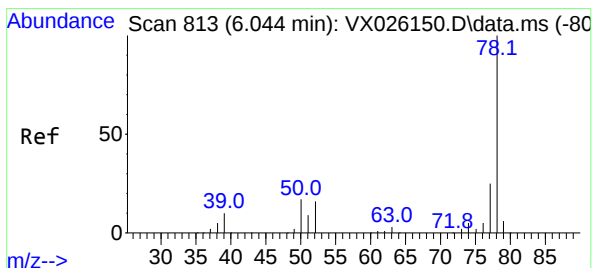
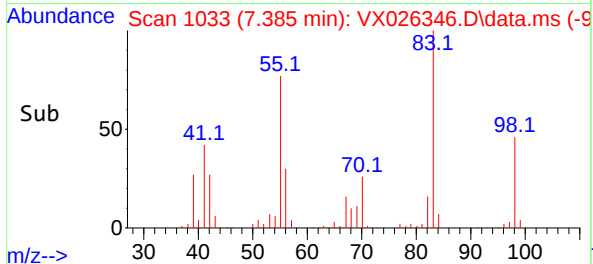
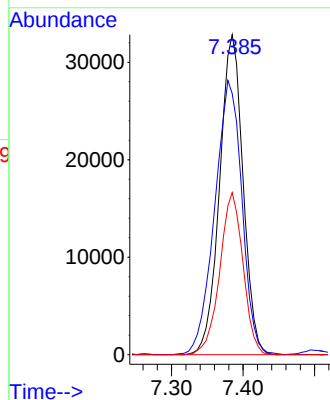
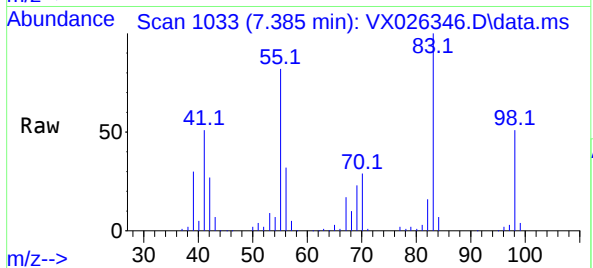
Tgt Ion: 83 Resp: 74640

Ion Ratio Lower Upper

83 100

55 81.4 57.8 86.8

98 50.6 40.5 60.7



#40

Benzene

Concen: 67.713 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX026346.D

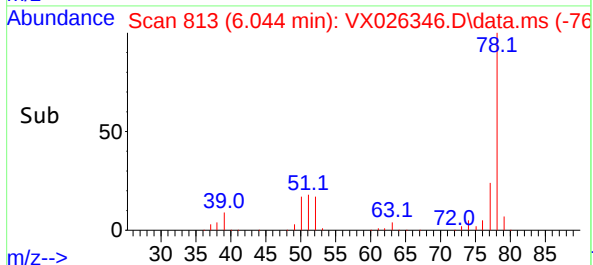
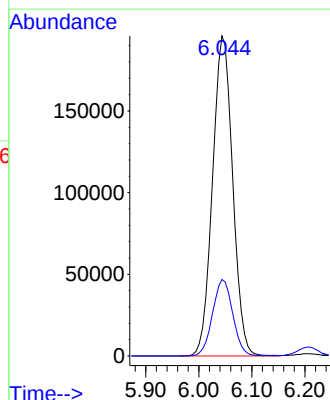
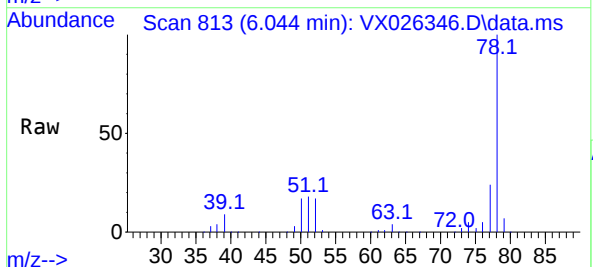
Acq: 06 Jan 2022 01:15

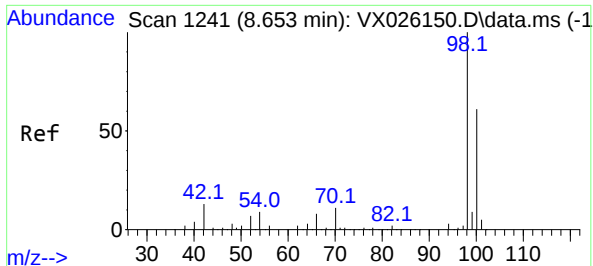
Tgt Ion: 78 Resp: 517194

Ion Ratio Lower Upper

78 100

77 23.9 18.6 27.8

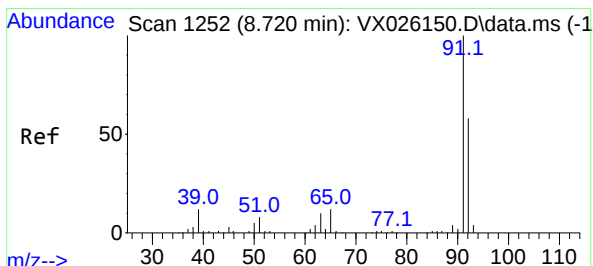
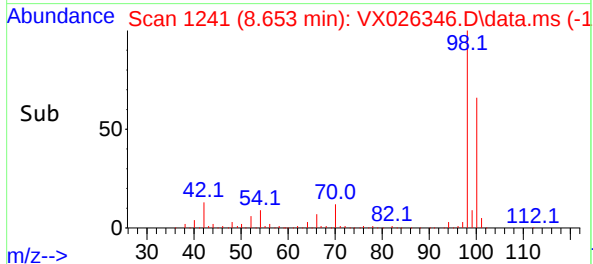
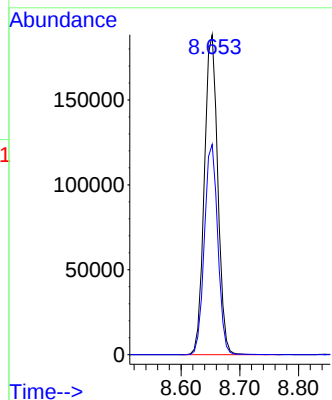
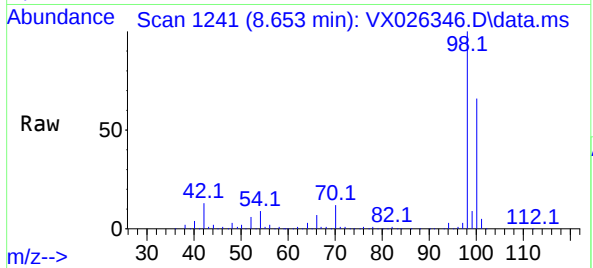




#50  
Toluene-d8  
Concen: 48.447 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

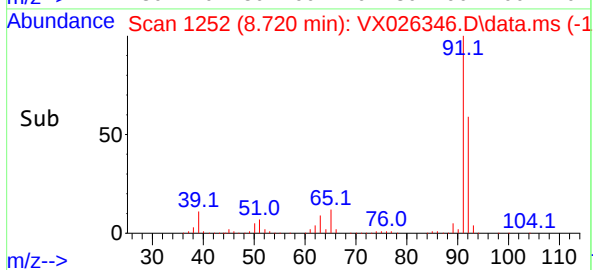
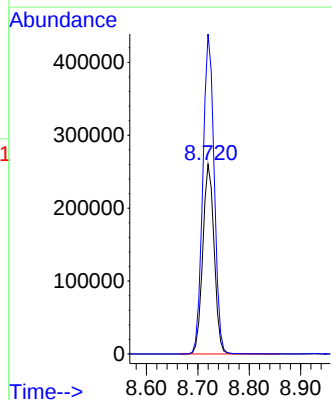
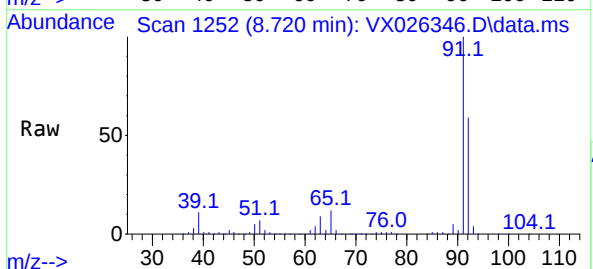
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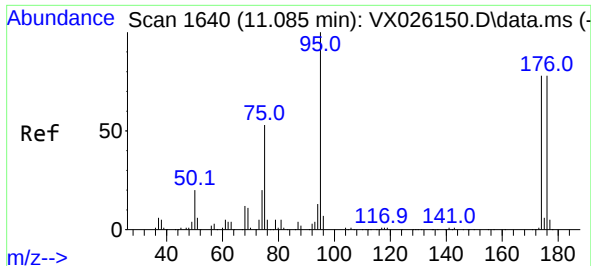
Tgt Ion: 98 Resp: 299007  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.6 78.8



#52  
Toluene  
Concen: 84.670 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

Tgt Ion: 92 Resp: 398133  
Ion Ratio Lower Upper  
92 100  
91 168.8 136.0 204.0

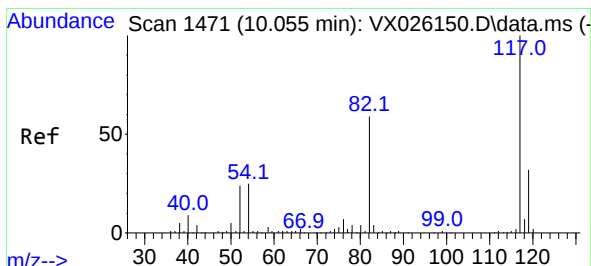
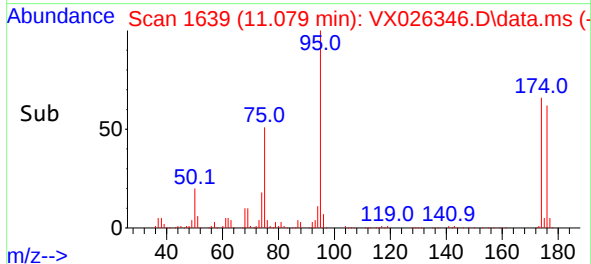
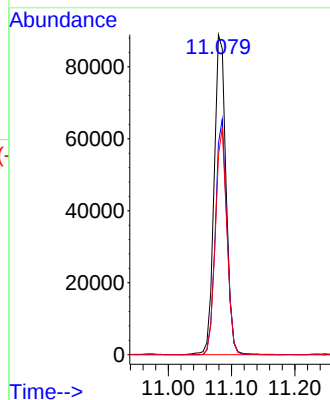
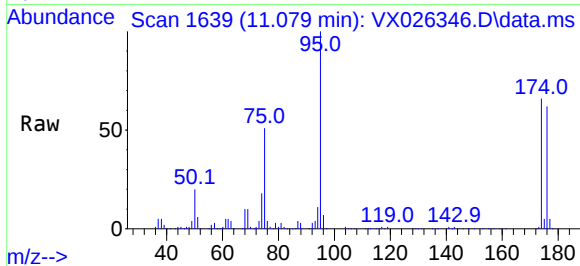




#62  
4-Bromofluorobenzene  
Concen: 52.791 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

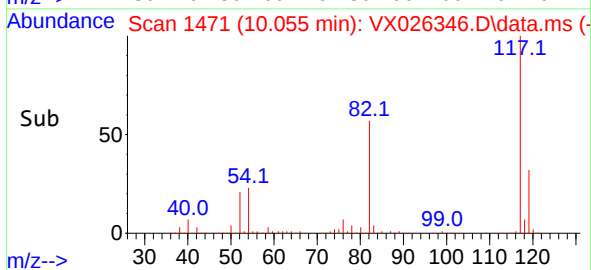
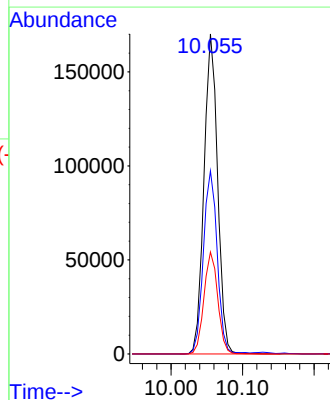
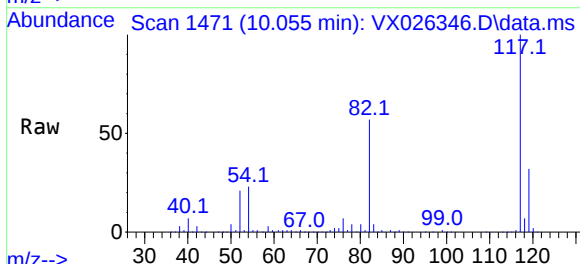
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MSVOA\_X  
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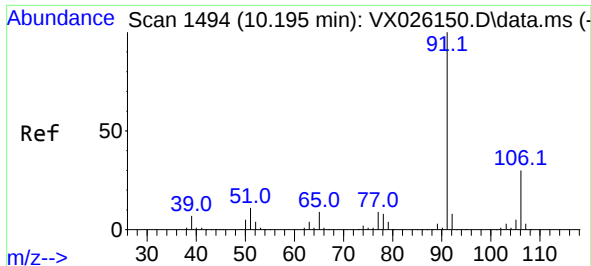
Tgt Ion: 95 Resp: 115987  
Ion Ratio Lower Upper  
95 100  
174 70.9 0.0 157.4  
176 68.1 0.0 154.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

Tgt Ion: 117 Resp: 225287  
Ion Ratio Lower Upper  
117 100  
82 57.2 43.8 65.6  
119 31.8 25.2 37.8

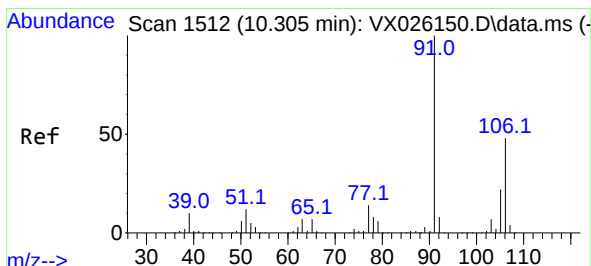
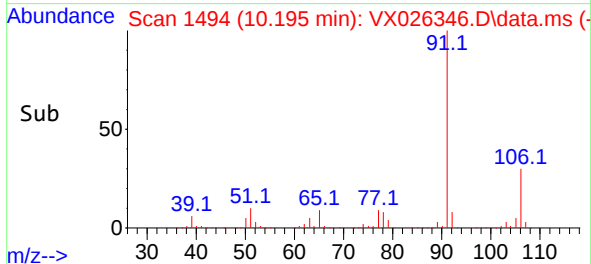
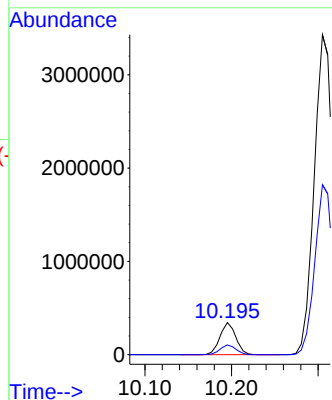
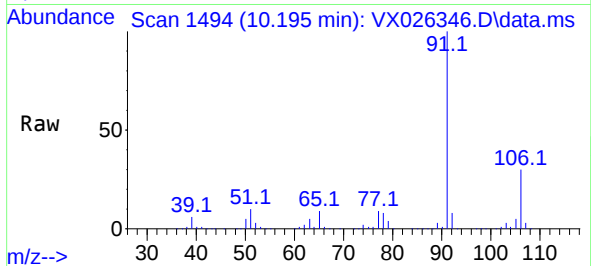




#67  
Ethyl Benzene  
Concen: 49.344 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

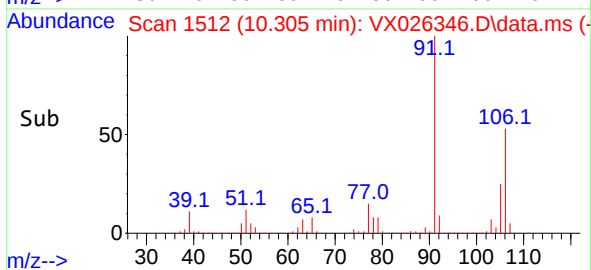
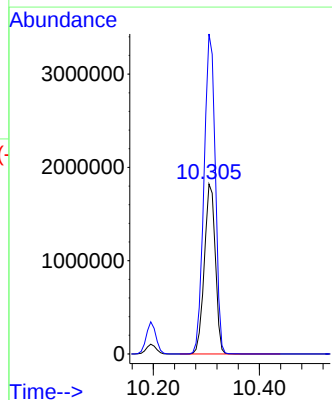
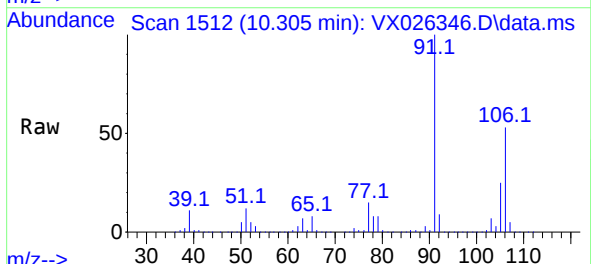
Instrument :  
MSVOA\_X  
ClientSampleId :  
PZ-7

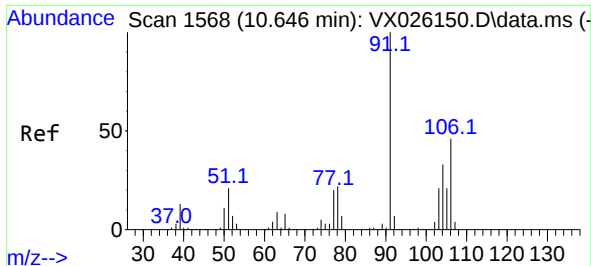
Tgt Ion: 91 Resp: 436658  
Ion Ratio Lower Upper  
91 100  
106 30.2 25.7 38.5



#68  
m/p-Xylenes  
Concen: 789.880 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

Tgt Ion:106 Resp: 2609842  
Ion Ratio Lower Upper  
106 100  
91 193.9 158.6 238.0

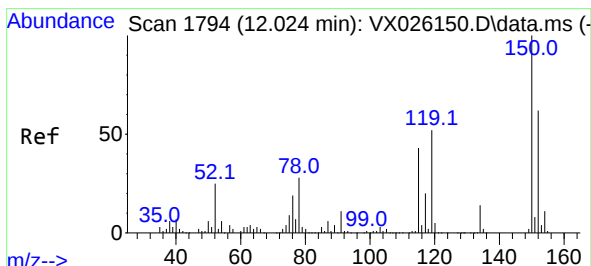
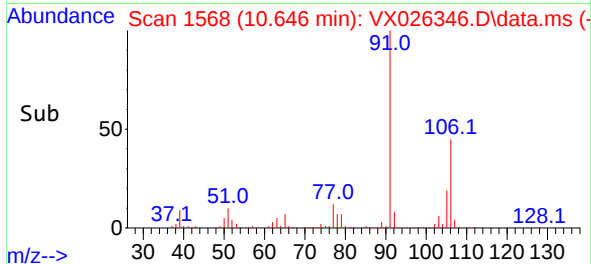
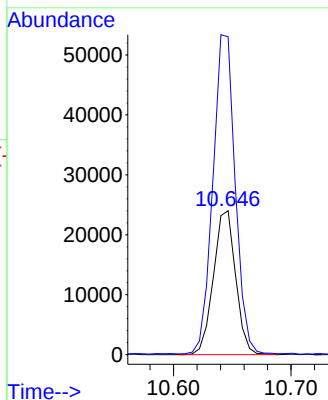
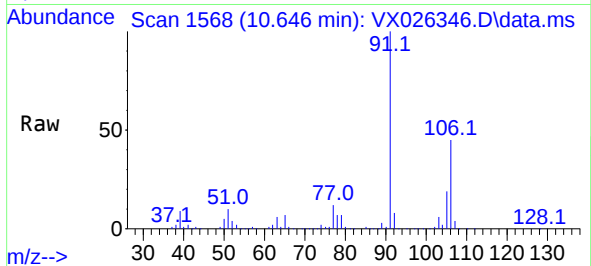




#69  
o-Xylene  
Concen: 9.758 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

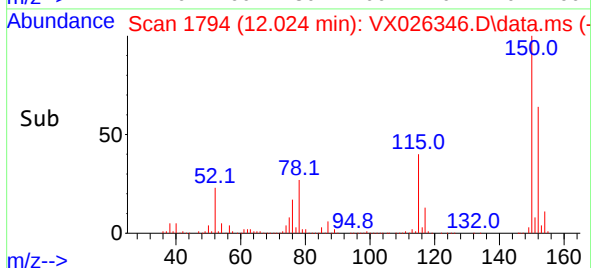
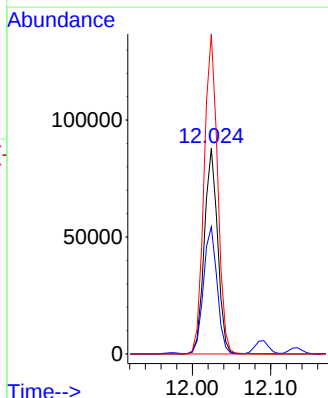
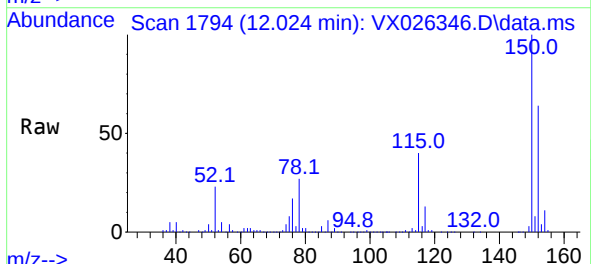
Instrument :  
MSVOA\_X  
ClientSampleId :  
PZ-7

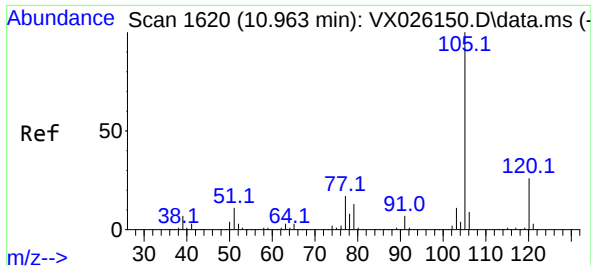
Tgt Ion:106 Resp: 31546  
Ion Ratio Lower Upper  
106 100  
91 223.6 105.5 316.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

Tgt Ion:152 Resp: 103355  
Ion Ratio Lower Upper  
152 100  
115 63.1 41.3 123.9  
150 158.5 0.0 351.8

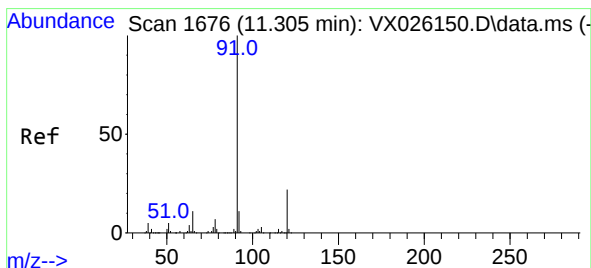
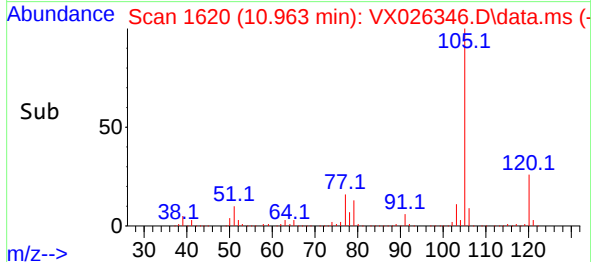
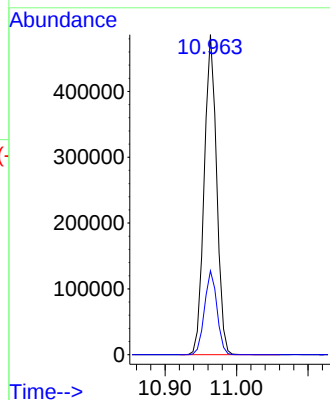
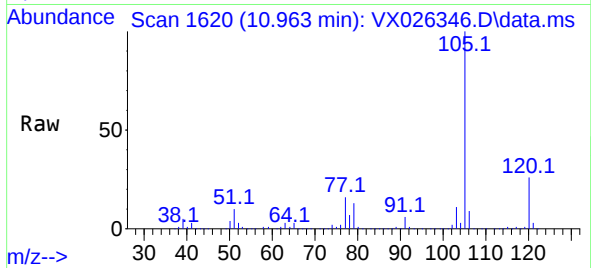




#73  
Isopropylbenzene  
Concen: 73.091 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

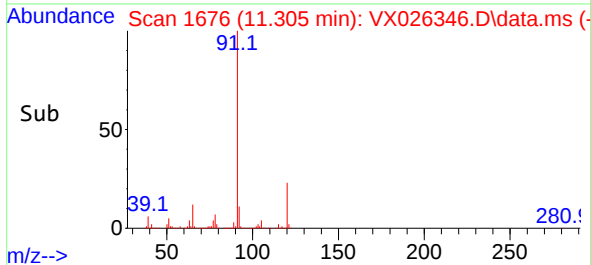
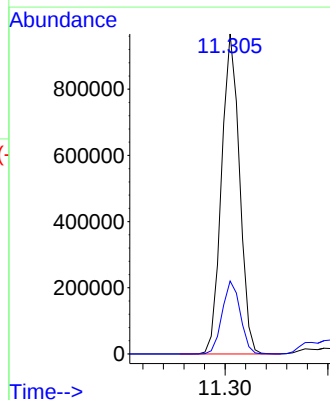
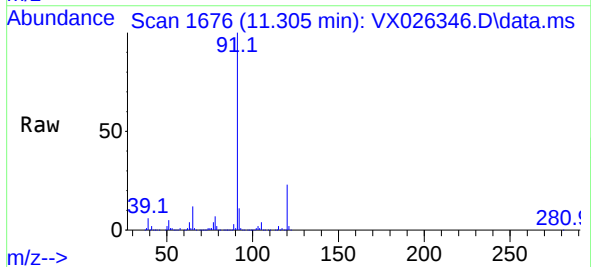
Instrument :  
MSVOA\_X  
ClientSampleId :  
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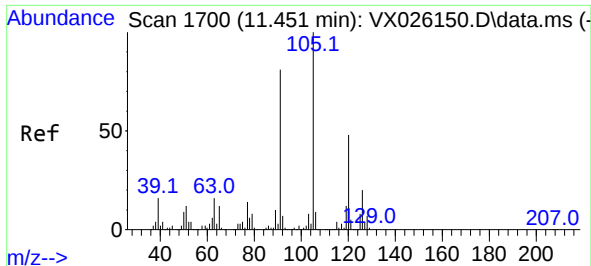
Tgt Ion:105 Resp: 587195  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.6 40.7



#78  
n-propylbenzene  
Concen: 126.852 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

Tgt Ion: 91 Resp: 1171724  
Ion Ratio Lower Upper  
91 100  
120 22.9 12.0 36.1

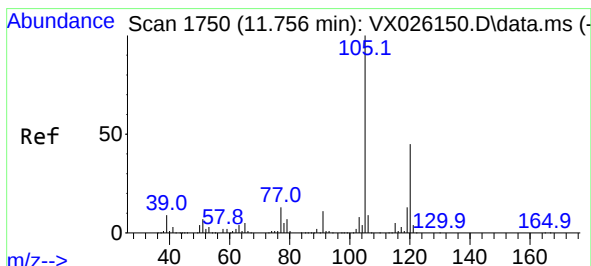
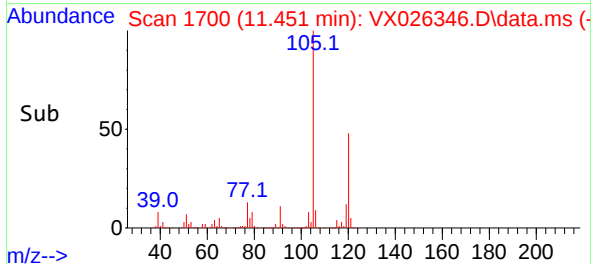
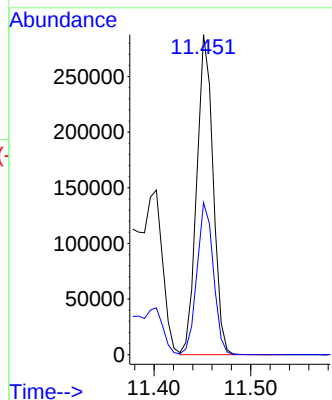
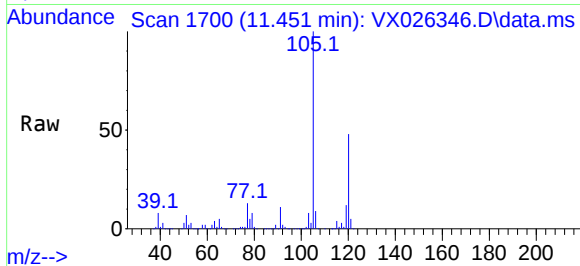




#80  
1,3,5-Trimethylbenzene  
Concen: 50.672 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

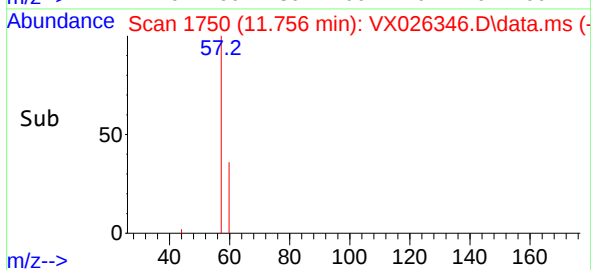
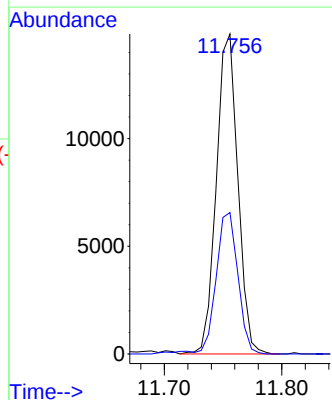
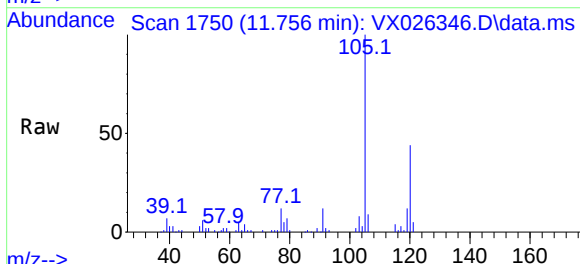
Instrument :  
MSVOA\_X  
ClientSampleId :  
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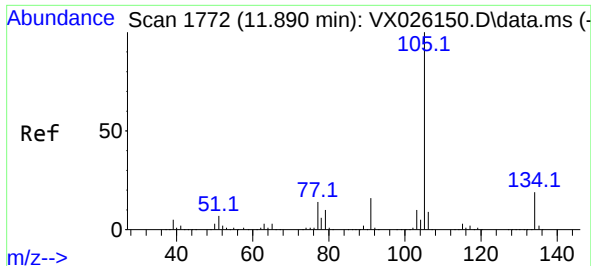
Tgt Ion:105 Resp: 337830  
Ion Ratio Lower Upper  
105 100  
120 47.8 24.9 74.7



#84  
1,2,4-Trimethylbenzene  
Concen: 2.837 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

Tgt Ion:105 Resp: 18898  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.9 68.7

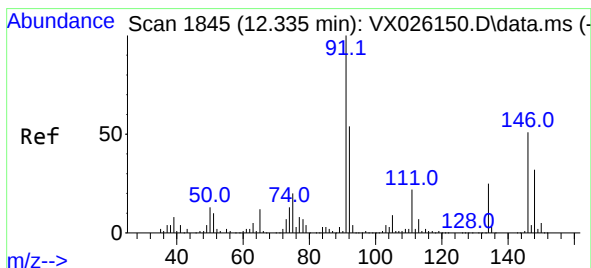
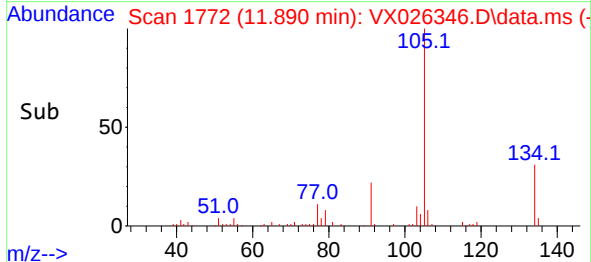
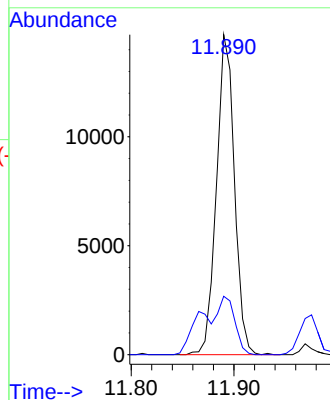
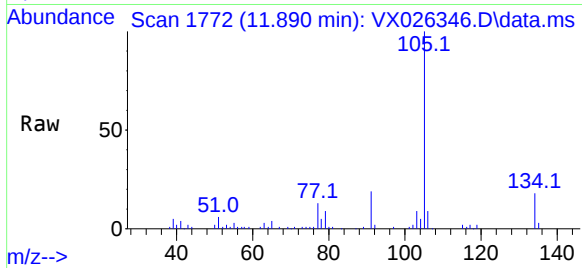




#85  
 sec-Butylbenzene  
 Concen: 2.204 ug/l  
 RT: 11.890 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX026346.D  
 Acq: 06 Jan 2022 01:15

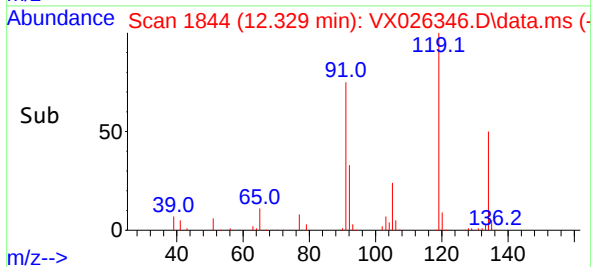
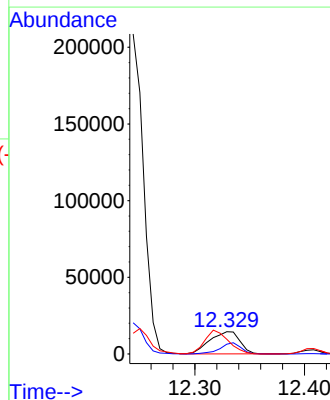
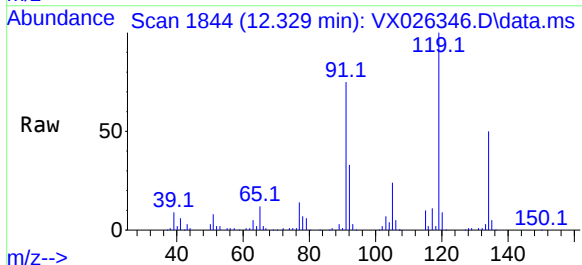
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 ClientSampleId :  
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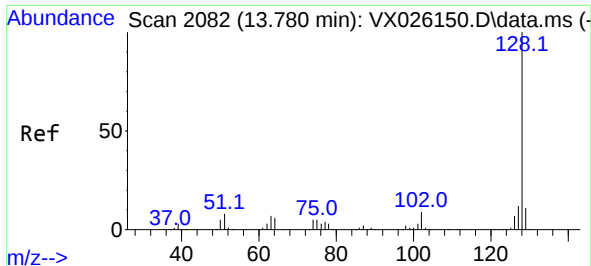
Tgt Ion:105 Resp: 17797  
 Ion Ratio Lower Upper  
 105 100  
 134 17.9 10.4 31.1



#89  
 n-Butylbenzene  
 Concen: 4.623 ug/l  
 RT: 12.329 min Scan# 1844  
 Delta R.T. -0.006 min  
 Lab File: VX026346.D  
 Acq: 06 Jan 2022 01:15

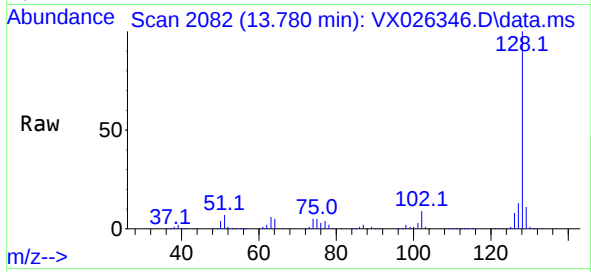
Tgt Ion: 91 Resp: 27660  
 Ion Ratio Lower Upper  
 91 100  
 92 35.1 27.3 81.8  
 134 84.8 13.5 40.4#





#95  
Naphthalene  
Concen: 109.446 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX026346.D  
Acq: 06 Jan 2022 01:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
PZ-7



Tgt Ion:128 Resp: 874256  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.3 15.5  
129 11.2 8.8 13.2

