

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010522\  
 Data File : VX026329.D  
 Acq On : 05 Jan 2022 17:56  
 Operator : JC/MD  
 Sample : N1005-06DL 40X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WE128-SBDL

Quant Time: Jan 06 03:10:57 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

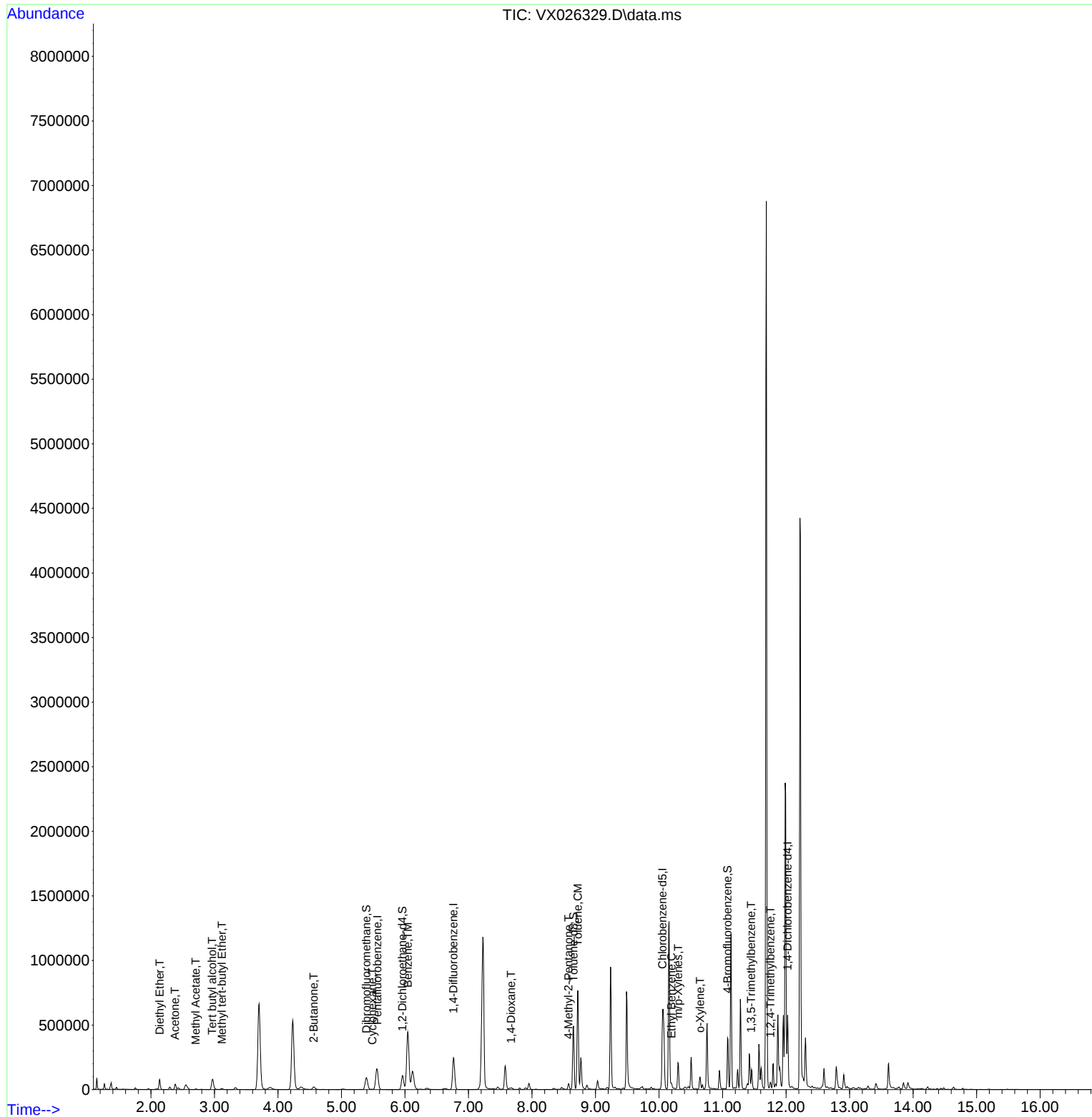
| Compound                    | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                       |           |                |          |            |        |          |
| Internal Standards          |           |                |          |            |        |          |
| 1) Pentafluorobenzene       | 5.562     | 168            | 146461   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114            | 244612   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117            | 214418   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152            | 99360    | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65             | 107408   | 50.691     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 78 - 117 | Recovery | = 101.380% |        |          |
| 35) Dibromofluoromethane    | 5.391     | 113            | 80024    | 50.320     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | = 100.640% |        |          |
| 50) Toluene-d8              | 8.653     | 98             | 287549   | 48.611     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 92 - 112 | Recovery | = 97.220%  |        |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95             | 110201   | 52.333     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 83 - 123 | Recovery | = 104.660% |        |          |
| Target Compounds            |           |                |          |            |        |          |
|                             |           |                |          |            |        | Qvalue   |
| 8) Diethyl Ether            | 2.136     | 74             | 25196    | 22.595     | ug/l   | 97       |
| 11) Tert butyl alcohol      | 2.965     | 59             | 30750    | 72.660     | ug/l # | 90       |
| 16) Acetone                 | 2.380     | 43             | 45886    | 39.969     | ug/l   | 93       |
| 18) Methyl Acetate          | 2.703     | 43             | 6498     | 1.745      | ug/l   | 96       |
| 19) Methyl tert-butyl Ether | 3.117     | 73             | 7180     | 1.267      | ug/l # | 83       |
| 25) 2-Butanone              | 4.562     | 43             | 30623    | 19.149     | ug/l   | 99       |
| 31) Cyclohexane             | 5.483     | 56             | 1949     | 0.646      | ug/l # | 85       |
| 40) Benzene                 | 6.044     | 78             | 521297   | 71.210     | ug/l   | 99       |
| 49) 1,4-Dioxane             | 7.671     | 88             | 8555m    | 199.698    | ug/l   |          |
| 51) 4-Methyl-2-Pentanone    | 8.574     | 43             | 27665    | 9.172      | ug/l   | 98       |
| 52) Toluene                 | 8.720     | 92             | 281537   | 62.471     | ug/l   | 99       |
| 67) Ethyl Benzene           | 10.195    | 91             | 18204    | 2.161      | ug/l   | 94       |
| 68) m/p-Xylenes             | 10.299    | 106            | 46011    | 14.631     | ug/l   | 94       |
| 69) o-Xylene                | 10.646    | 106            | 16334    | 5.309      | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene  | 11.451    | 105            | 8017     | 1.251      | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 11.756    | 105            | 17132    | 2.675      | ug/l   | 81       |
| -----                       |           |                |          |            |        |          |

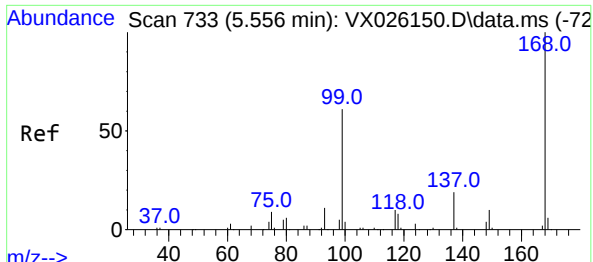
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010522\  
Data File : VX026329.D  
Acq On : 05 Jan 2022 17:56  
Operator : JC/MD  
Sample : N1005-06DL 40X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
WE128-SBDL

Quant Time: Jan 06 03:10:57 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

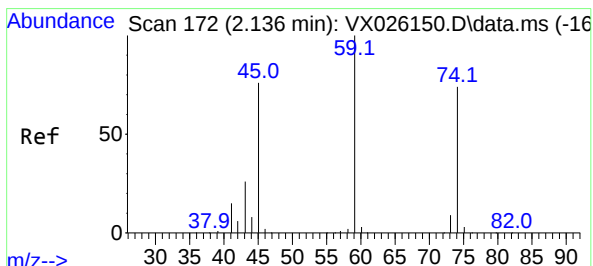
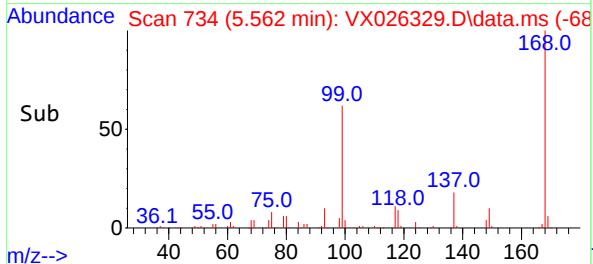
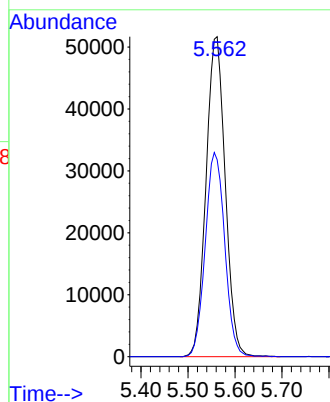
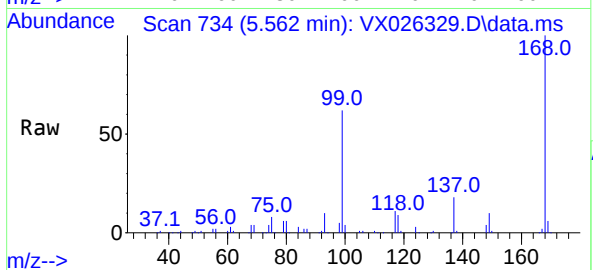




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

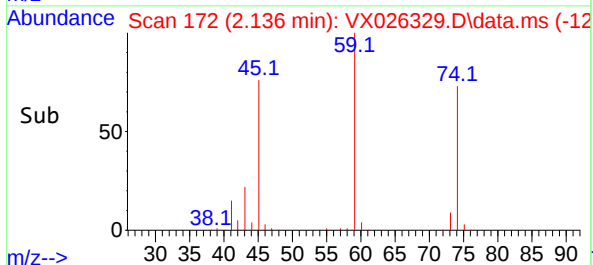
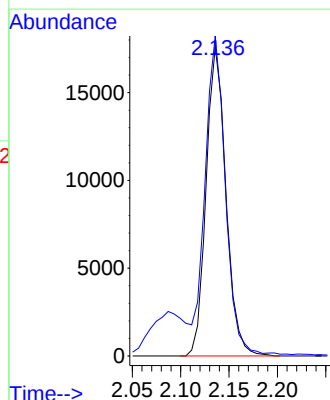
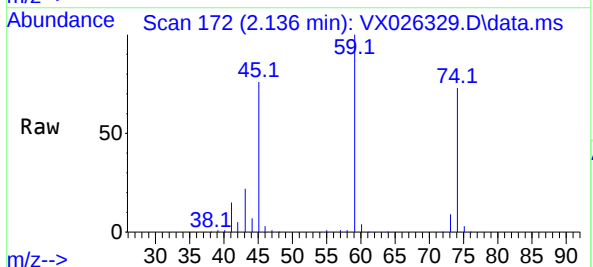
Instrument :  
MSVOA\_X  
ClientSampleId :  
WE128-SBDL

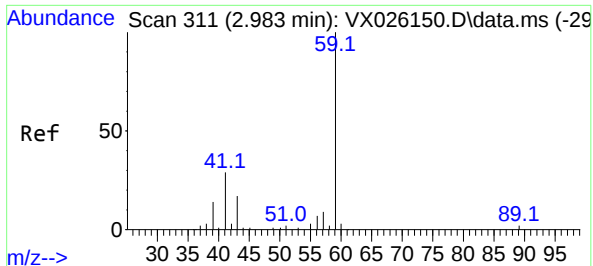
Tgt Ion:168 Resp: 146461  
Ion Ratio Lower Upper  
168 100  
99 61.5 45.8 68.8



#8  
Diethyl Ether  
Concen: 22.595 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion: 74 Resp: 25196  
Ion Ratio Lower Upper  
74 100  
45 104.2 50.4 151.2





#11

Tert butyl alcohol

Concen: 72.660 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

Instrument :

MSVOA\_X

ClientSampleId :

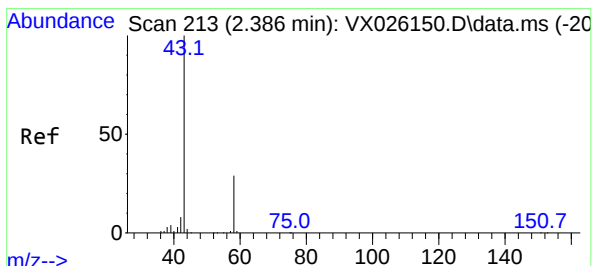
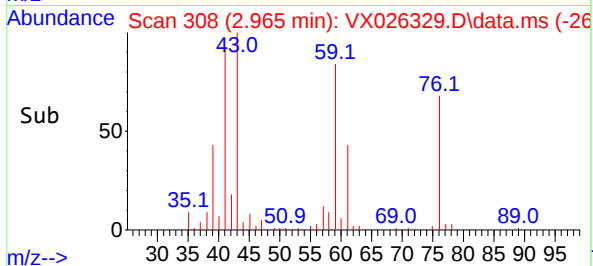
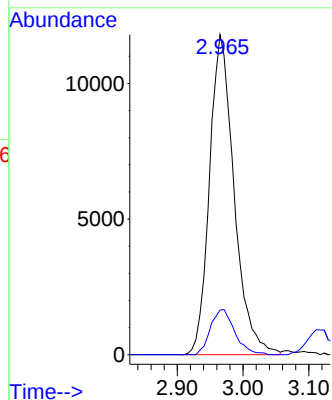
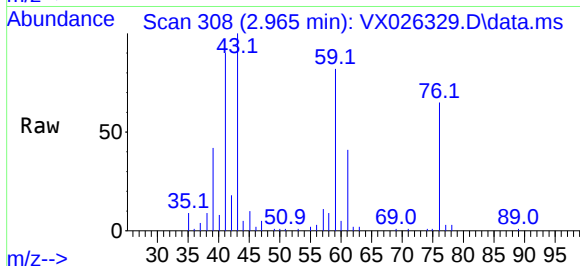
WE128-SBDL

Tgt Ion: 59 Resp: 30750

Ion Ratio Lower Upper

59 100

57 13.9 8.2 12.2#



#16

Acetone

Concen: 39.969 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX026329.D

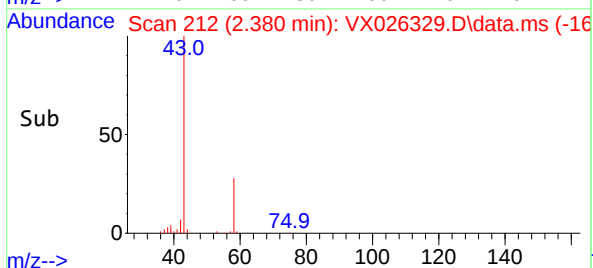
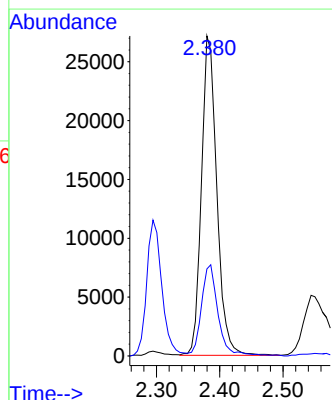
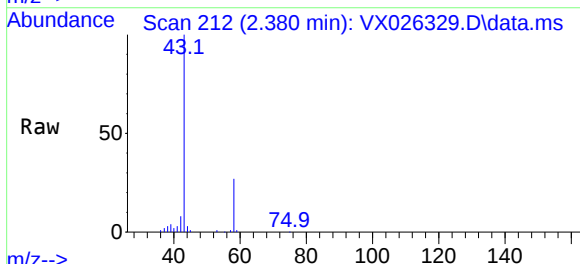
Acq: 05 Jan 2022 17:56

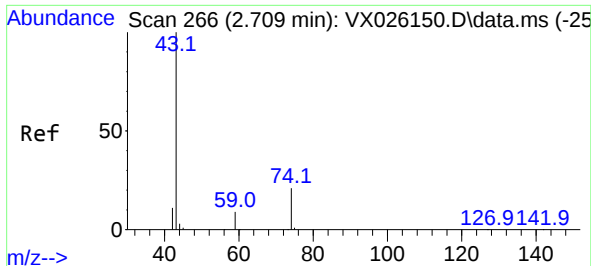
Tgt Ion: 43 Resp: 45886

Ion Ratio Lower Upper

43 100

58 27.1 24.8 37.2

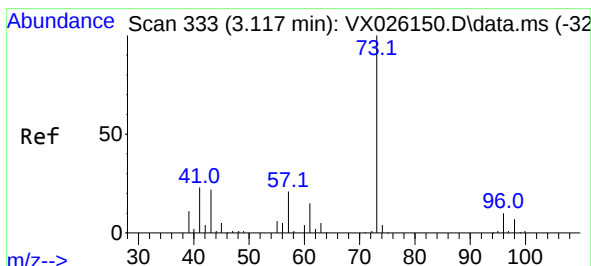
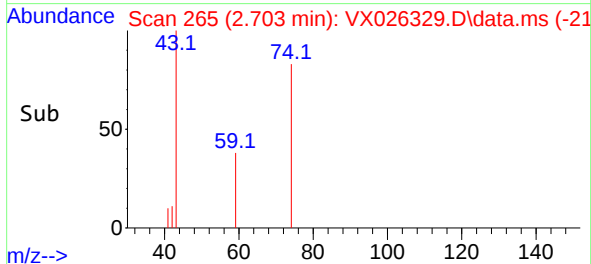
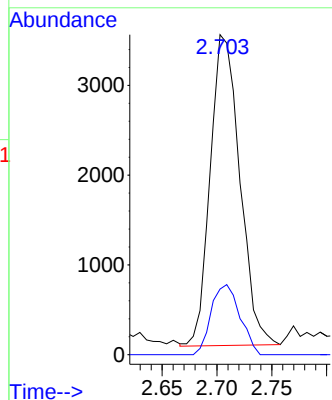
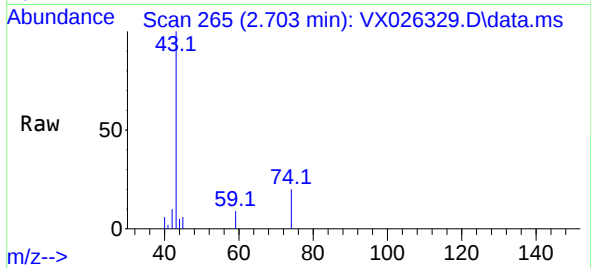




#18  
Methyl Acetate  
Concen: 1.745 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

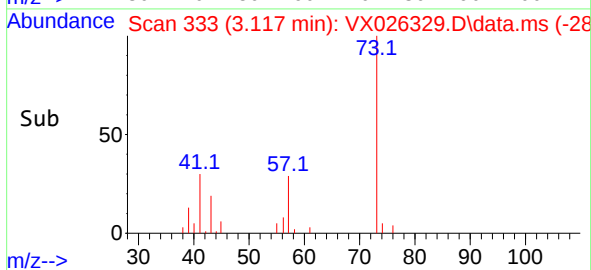
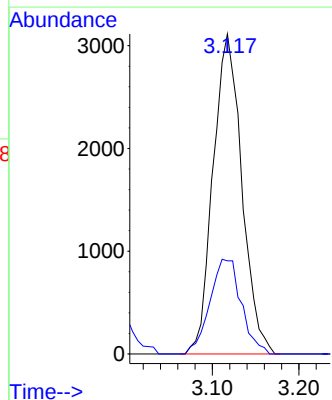
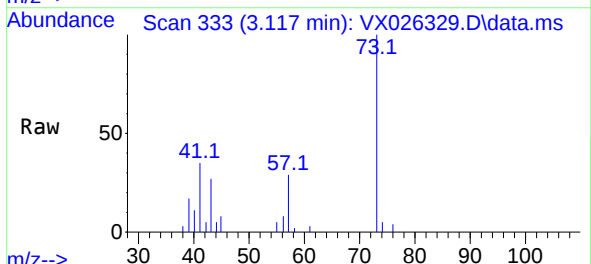
Instrument :  
MSVOA\_X  
ClientSampleId :  
WE128-SBDL

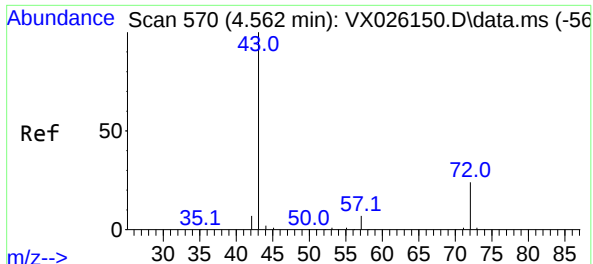
Tgt Ion: 43 Resp: 6498  
Ion Ratio Lower Upper  
43 100  
74 21.9 19.1 28.7



#19  
Methyl tert-butyl Ether  
Concen: 1.267 ug/l  
RT: 3.117 min Scan# 333  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion: 73 Resp: 7180  
Ion Ratio Lower Upper  
73 100  
57 29.1 17.0 25.6#

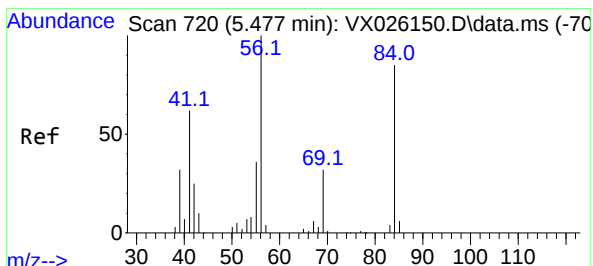
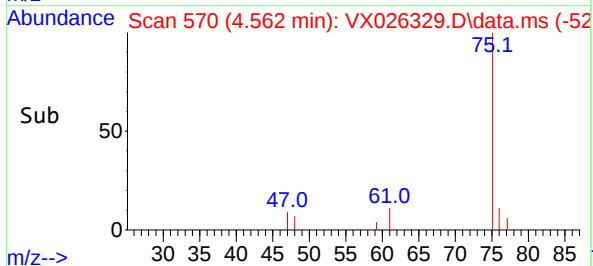
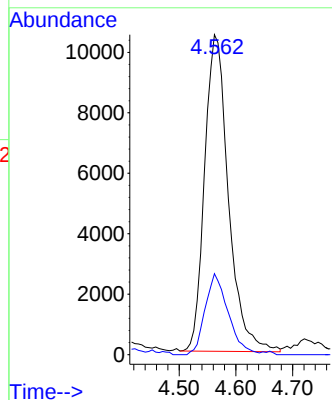
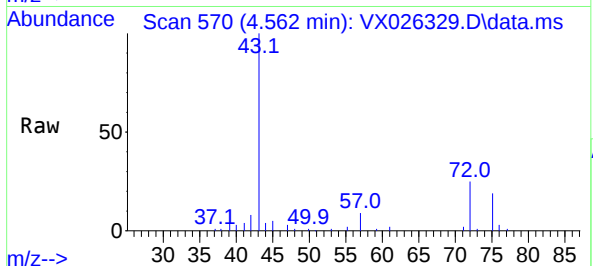




#25  
2-Butanone  
Concen: 19.149 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

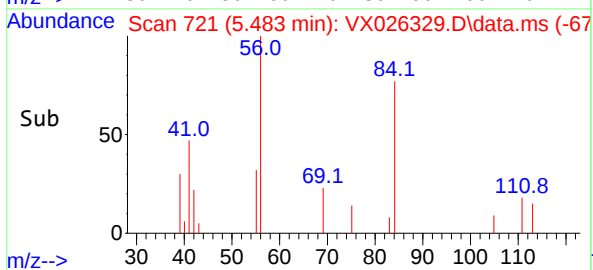
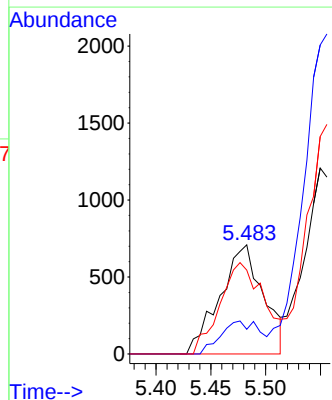
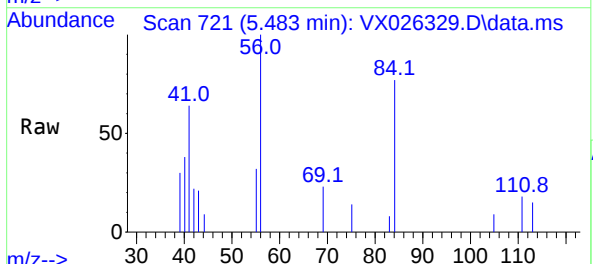
Instrument :  
MSVOA\_X  
ClientSampleId :  
WE128-SBDL

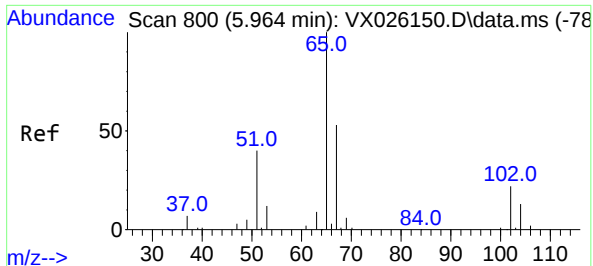
Tgt Ion: 43 Resp: 30623  
Ion Ratio Lower Upper  
43 100  
72 25.6 21.0 31.4



#31  
Cyclohexane  
Concen: 0.646 ug/l  
RT: 5.483 min Scan# 721  
Delta R.T. 0.006 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion: 56 Resp: 1949  
Ion Ratio Lower Upper  
56 100  
69 22.6 23.9 35.9#  
84 76.9 73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 50.691 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

Instrument :

MSVOA\_X

ClientSampleId :

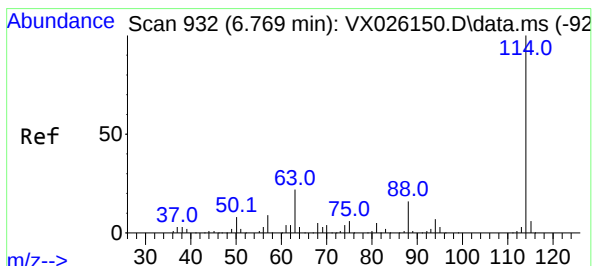
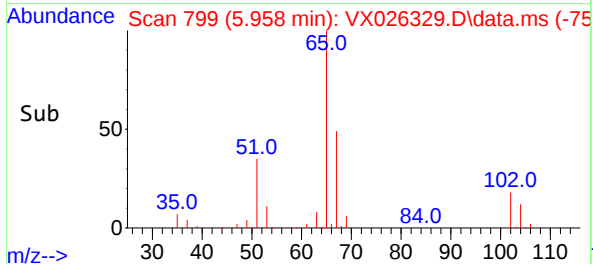
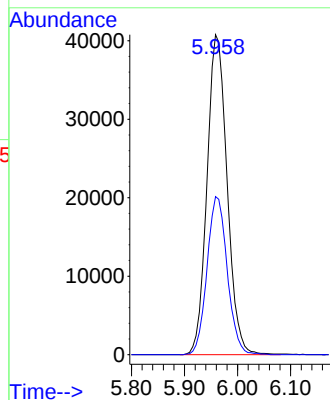
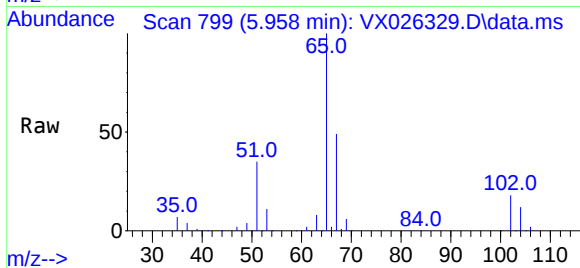
WE128-SBDL

Tgt Ion: 65 Resp: 107408

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

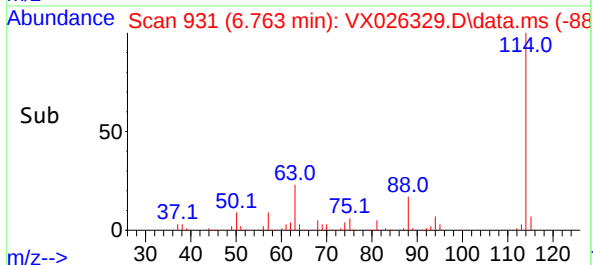
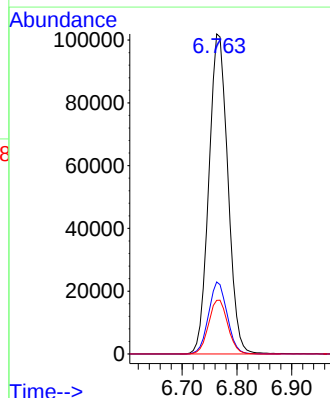
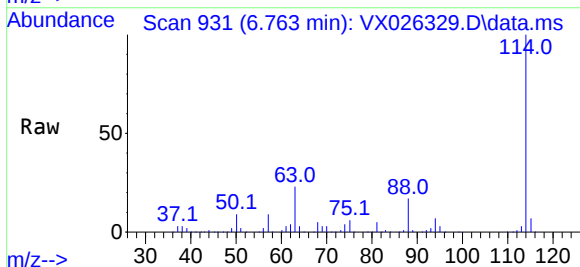
Tgt Ion: 114 Resp: 244612

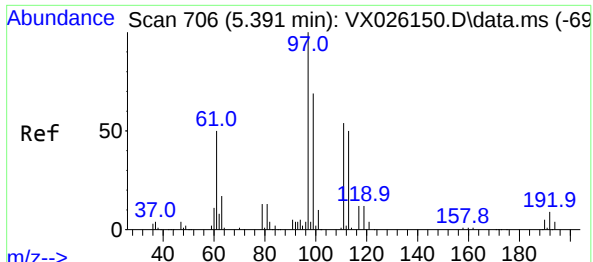
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

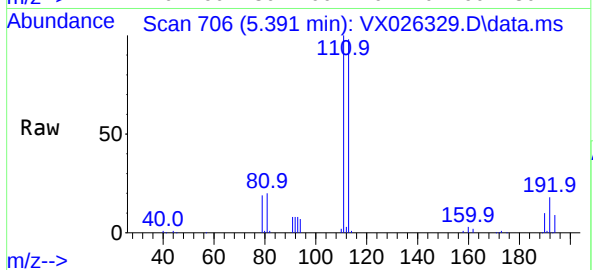
88 16.7 0.0 30.6



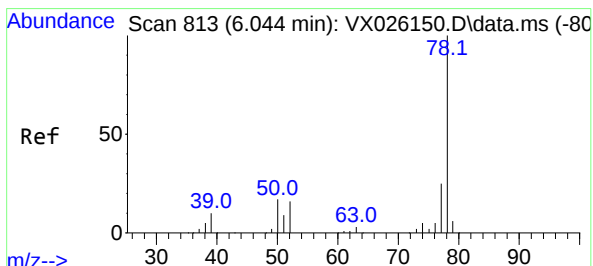
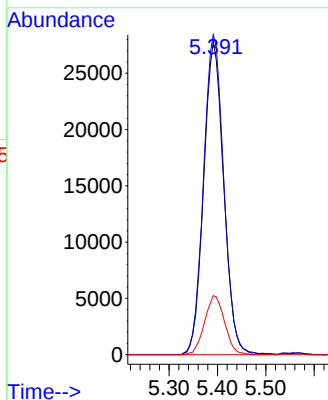
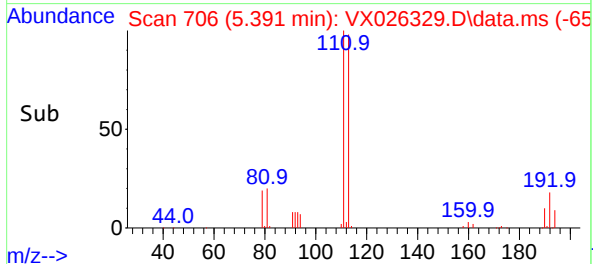


#35  
Dibromofluoromethane  
Concen: 50.320 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
WE128-SBDL

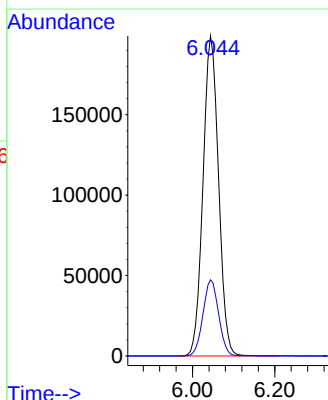
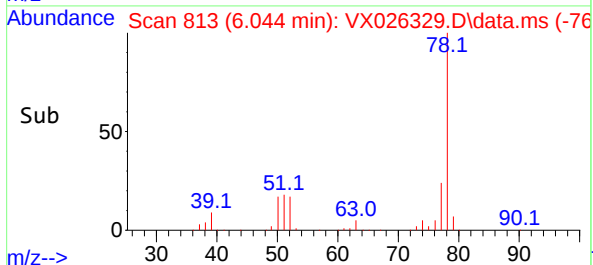
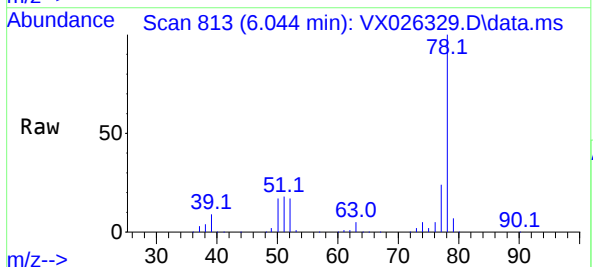


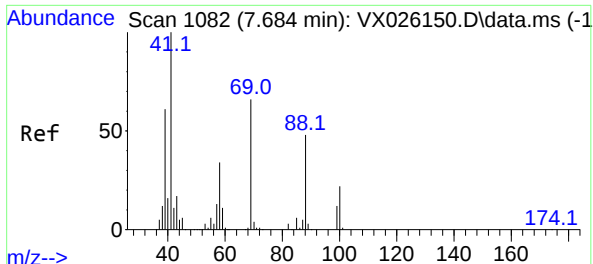
Tgt Ion:113 Resp: 80024  
Ion Ratio Lower Upper  
113 100  
111 103.5 81.8 122.8  
192 18.8 15.0 22.4



#40  
Benzene  
Concen: 71.210 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion: 78 Resp: 521297  
Ion Ratio Lower Upper  
78 100  
77 23.8 18.6 27.8

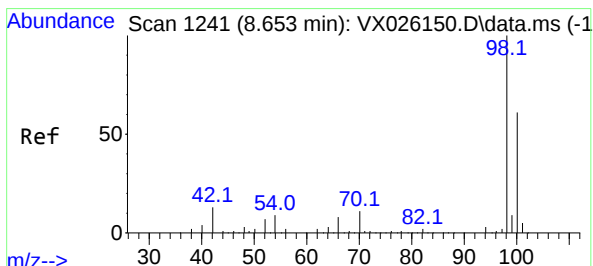
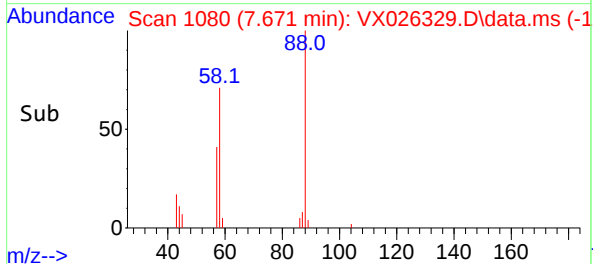
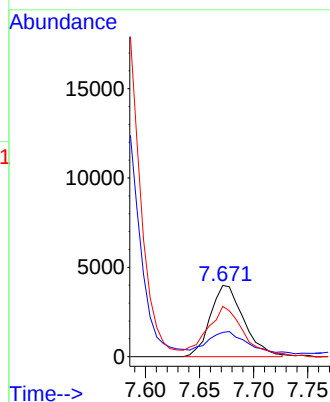
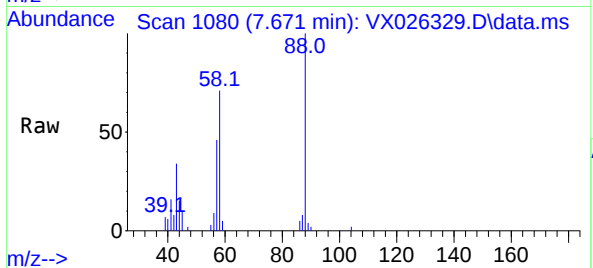




#49  
1,4-Dioxane  
Concen: 199.698 ug/l m  
RT: 7.671 min Scan# 1080  
Delta R.T. -0.013 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

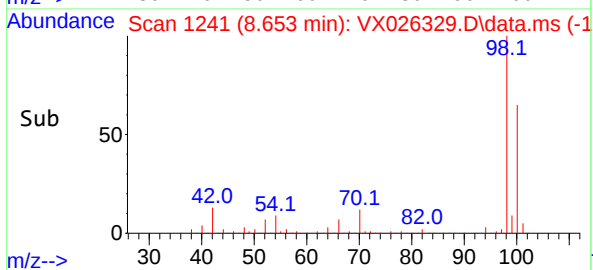
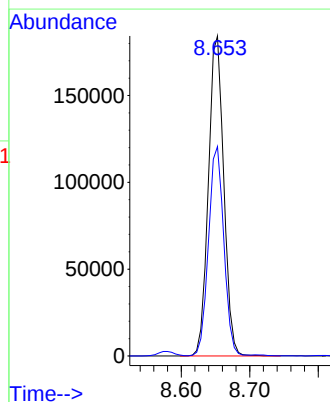
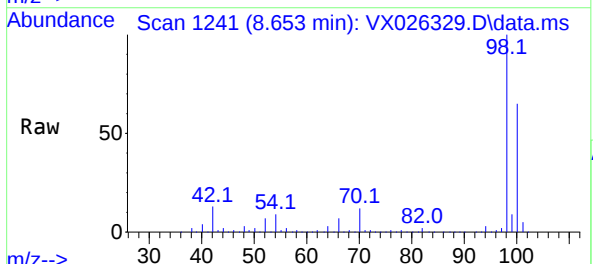
Instrument :  
MSVOA\_X  
ClientSampleId :  
WE128-SBDL

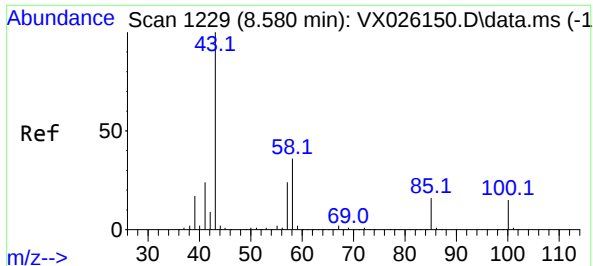
Tgt Ion: 88 Resp: 8555  
Ion Ratio Lower Upper  
88 100  
43 0.0 25.3 37.9#  
58 0.0 51.8 77.6#



#50  
Toluene-d8  
Concen: 48.611 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion: 98 Resp: 287549  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 9.172 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX026329.D

Acq: 05 Jan 2022 17:56

Instrument :

MSVOA\_X

ClientSampleId :

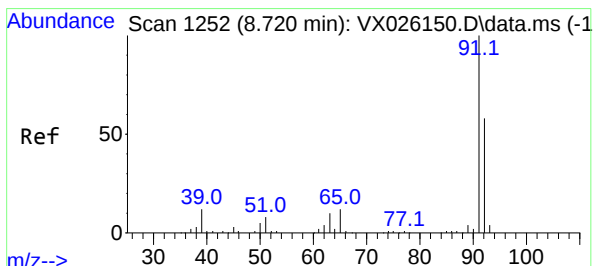
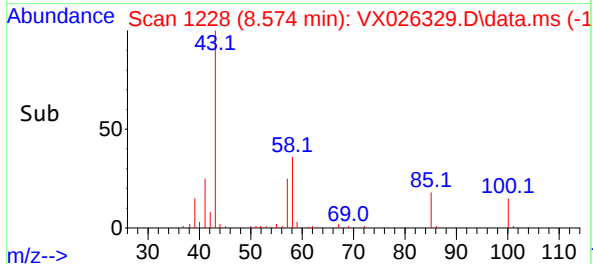
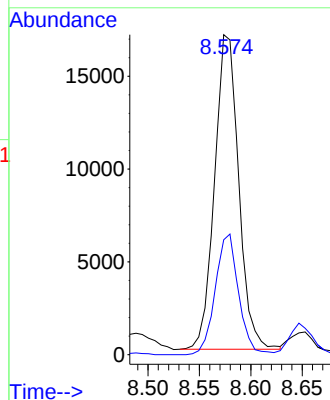
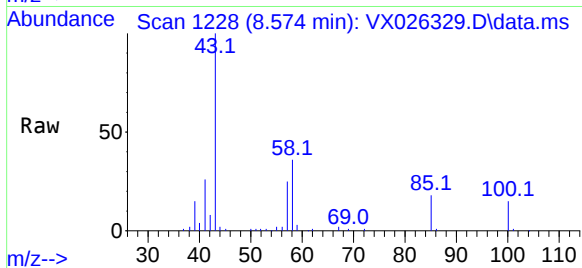
WE128-SBDL

Tgt Ion: 43 Resp: 27665

Ion Ratio Lower Upper

43 100

58 37.0 30.8 46.2



#52

Toluene

Concen: 62.471 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX026329.D

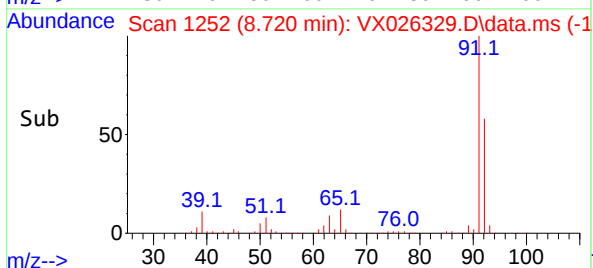
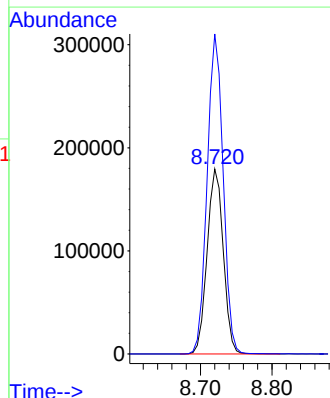
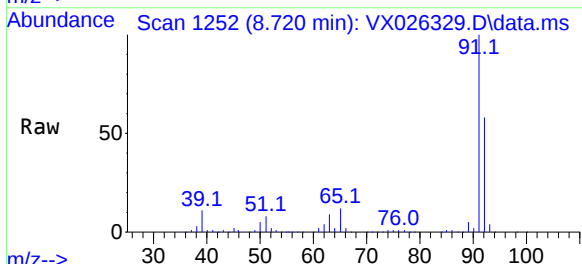
Acq: 05 Jan 2022 17:56

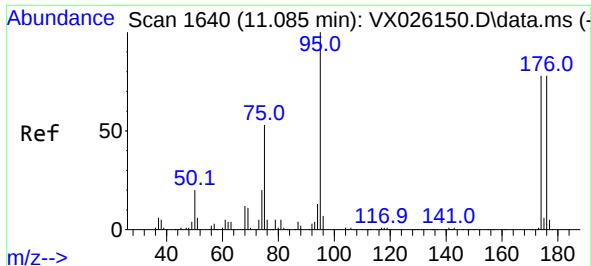
Tgt Ion: 92 Resp: 281537

Ion Ratio Lower Upper

92 100

91 171.2 136.0 204.0

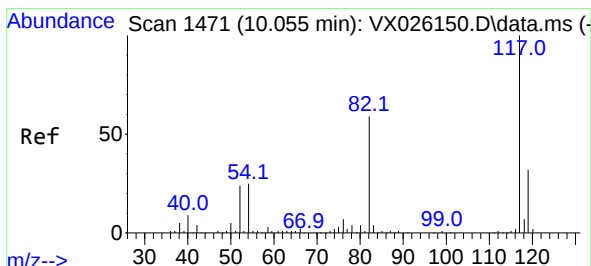
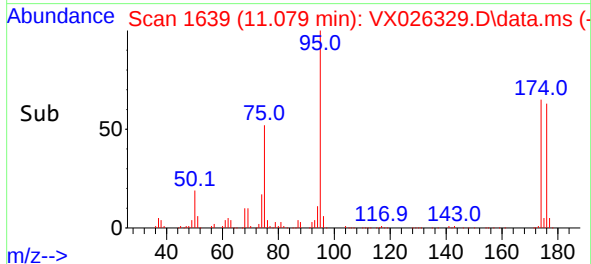
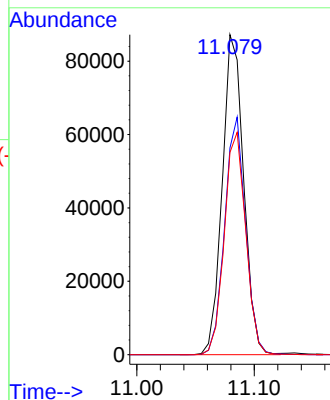
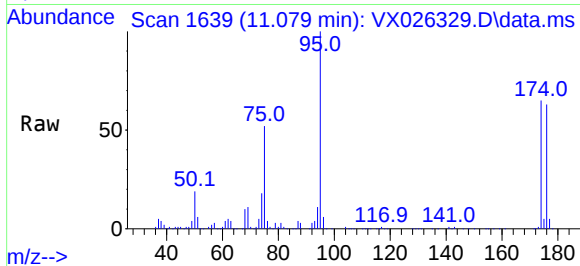




#62  
4-Bromofluorobenzene  
Concen: 52.333 ug/l  
RT: 11.079 min Scan# 110201  
Delta R.T. -0.006 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

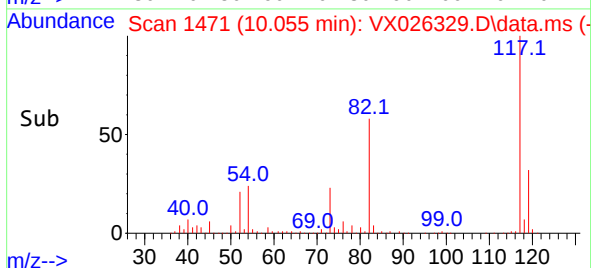
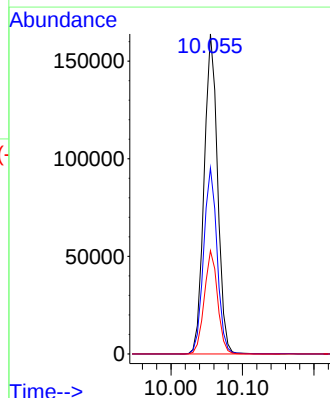
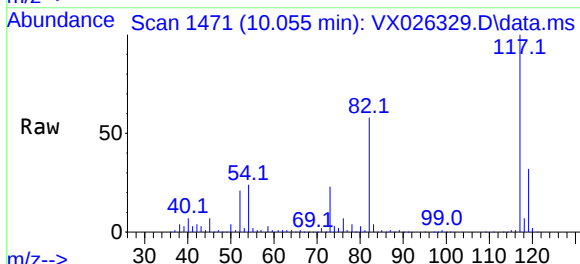
Instrument :  
MSVOA\_X  
ClientSampleId :  
WE128-SBDL

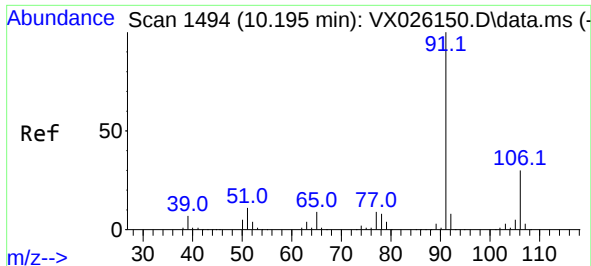
Tgt Ion: 95 Resp: 110201  
Ion Ratio Lower Upper  
95 100  
174 72.6 0.0 157.4  
176 69.6 0.0 154.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion: 117 Resp: 214418  
Ion Ratio Lower Upper  
117 100  
82 58.1 43.8 65.6  
119 32.2 25.2 37.8

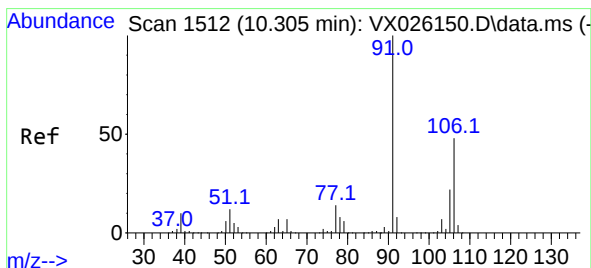
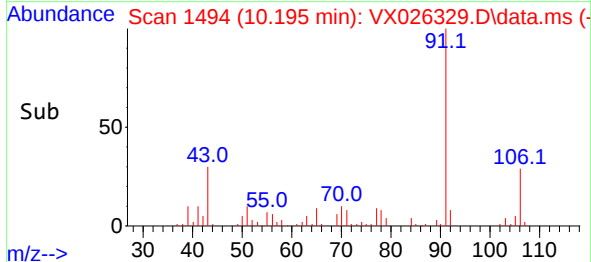
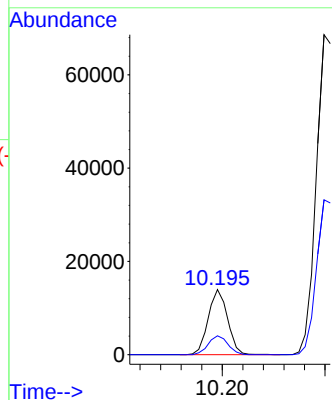
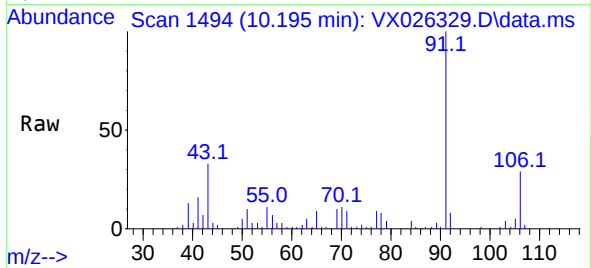




#67  
Ethyl Benzene  
Concen: 2.161 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

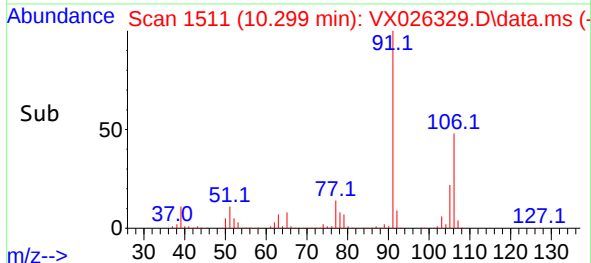
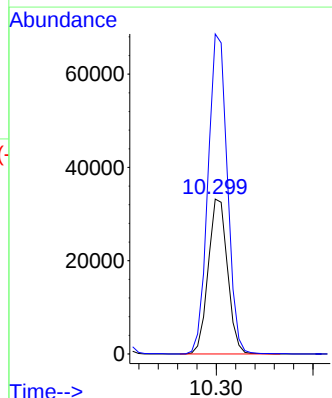
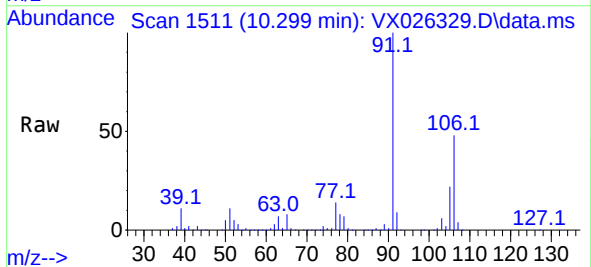
Instrument :  
MSVOA\_X  
ClientSampleId :  
WE128-SBDL

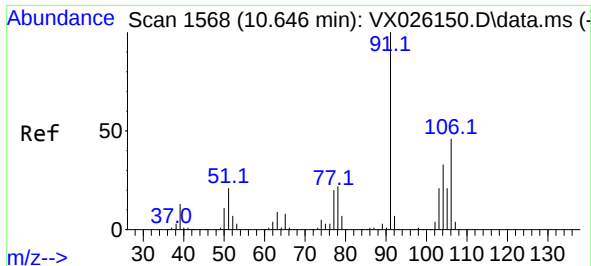
Tgt Ion: 91 Resp: 18204  
Ion Ratio Lower Upper  
91 100  
106 29.0 25.7 38.5



#68  
m/p-Xylenes  
Concen: 14.631 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion: 106 Resp: 46011  
Ion Ratio Lower Upper  
106 100  
91 207.5 158.6 238.0

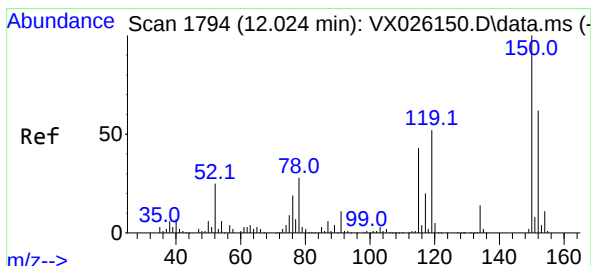
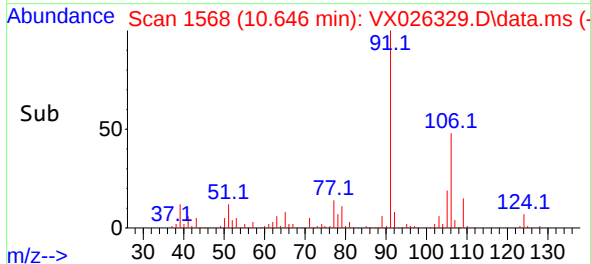
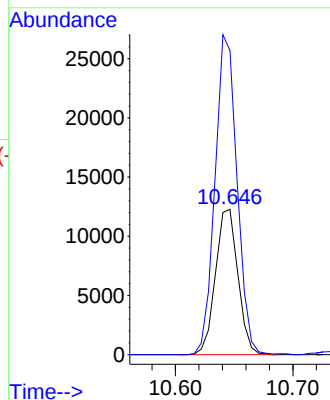
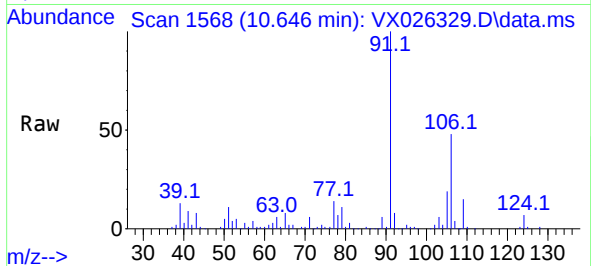




#69  
o-Xylene  
Concen: 5.309 ug/l  
RT: 10.646 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

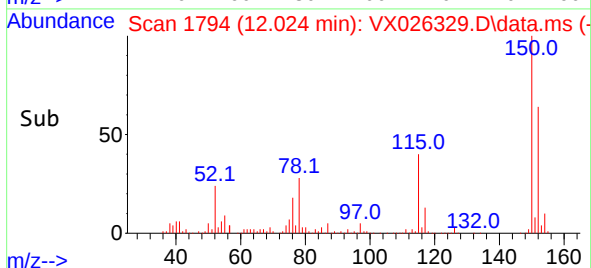
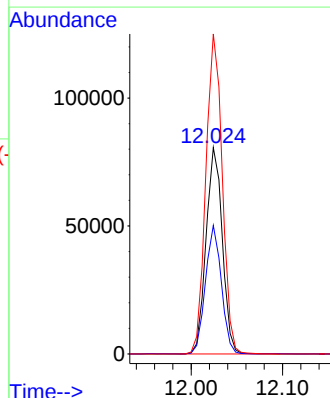
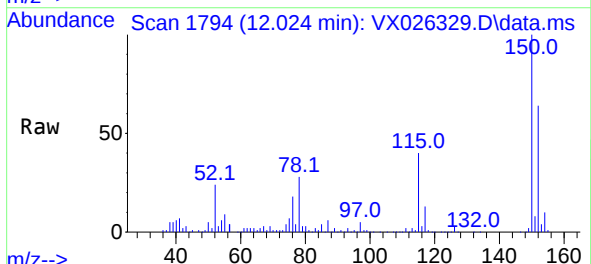
Instrument :  
MSVOA\_X  
ClientSampleId :  
WE128-SBDL

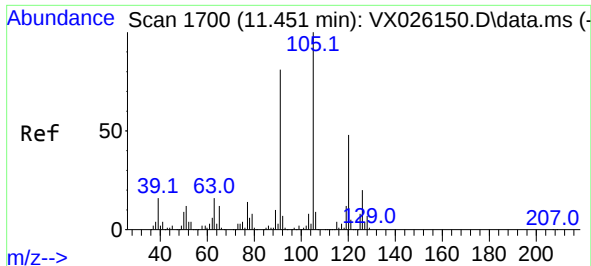
Tgt Ion:106 Resp: 16334  
Ion Ratio Lower Upper  
106 100  
91 216.3 105.5 316.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion:152 Resp: 99360  
Ion Ratio Lower Upper  
152 100  
115 61.0 41.3 123.9  
150 156.5 0.0 351.8

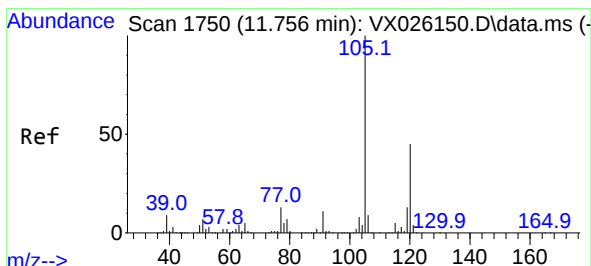
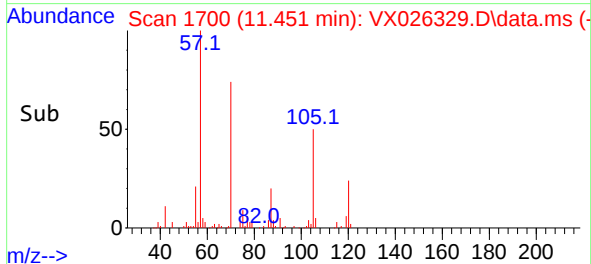
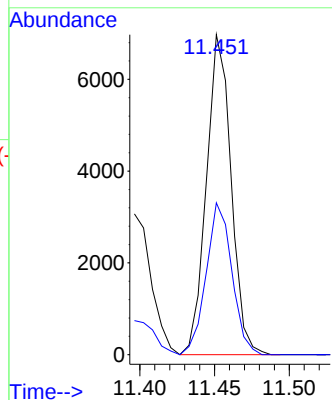
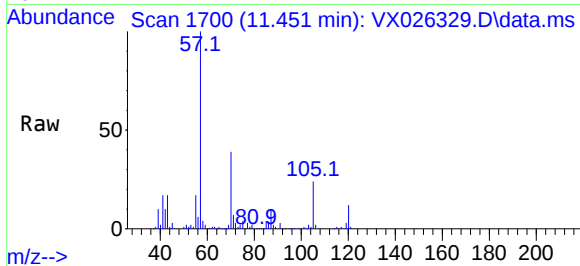




#80  
1,3,5-Trimethylbenzene  
Concen: 1.251 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
WE128-SBDL

Tgt Ion:105 Resp: 8017  
Ion Ratio Lower Upper  
105 100  
120 49.4 24.9 74.7



#84  
1,2,4-Trimethylbenzene  
Concen: 2.675 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX026329.D  
Acq: 05 Jan 2022 17:56

Tgt Ion:105 Resp: 17132  
Ion Ratio Lower Upper  
105 100  
120 33.5 22.9 68.7

