

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060321\  
 Data File : VX022389.D  
 Acq On : 04 Jun 2021 00:37  
 Operator : JC/MD  
 Sample : PB36780ZHE#04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB36780ZHE#04

Quant Time: Jun 04 05:39:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 14:23:10 2021  
 Response via : Initial Calibration

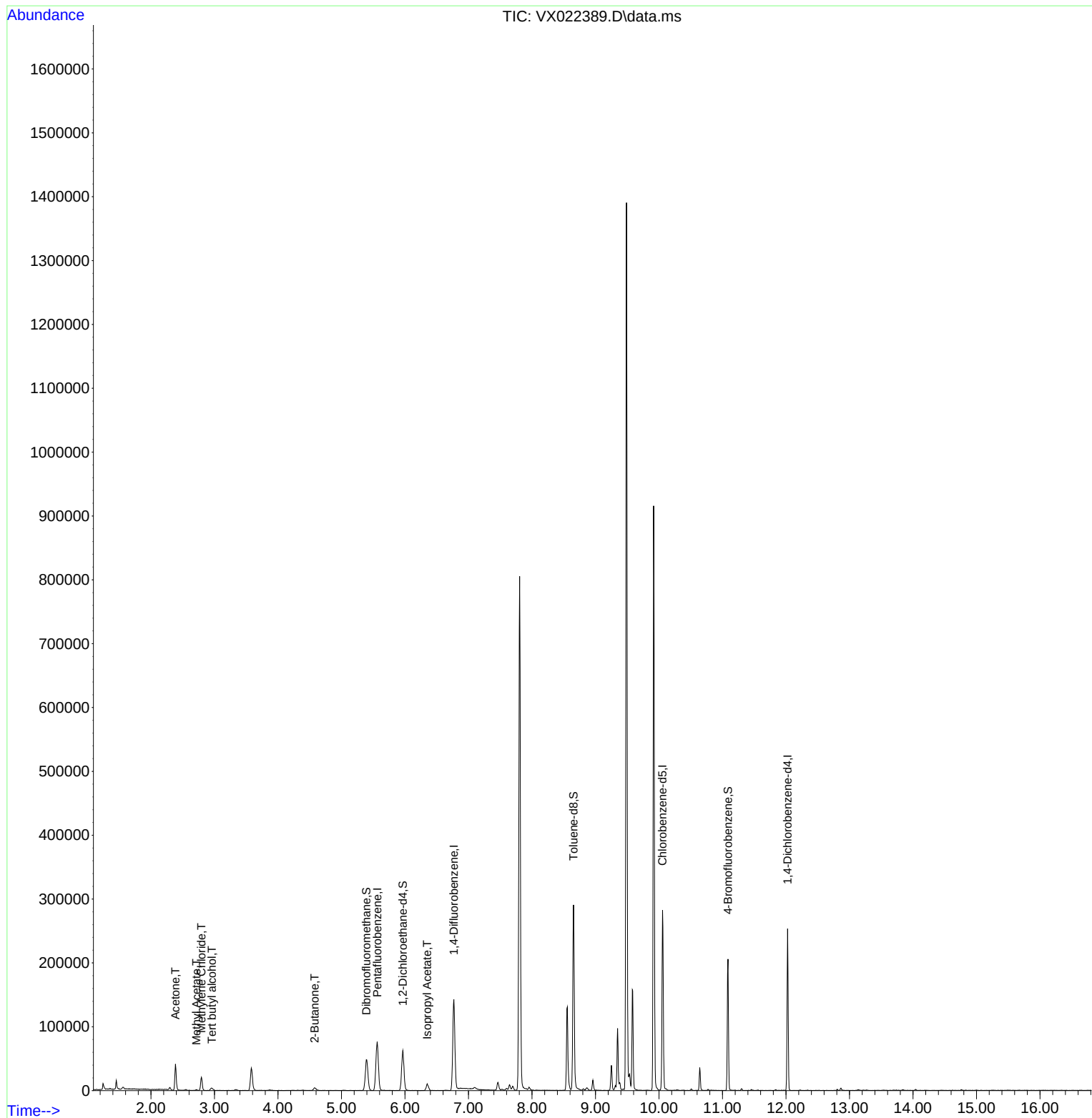
| Compound                    | R.T.   | QIon           | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|--------|----------------|----------|------------|--------|----------|
| -----                       |        |                |          |            |        |          |
| Internal Standards          |        |                |          |            |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168            | 64459    | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114            | 135761   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117            | 120785   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152            | 44078    | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds |        |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65             | 56068    | 56.388     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 78 - 117 | Recovery | = 112.780% |        |          |
| 35) Dibromofluoromethane    | 5.391  | 113            | 41844    | 48.603     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | = 97.200%  |        |          |
| 50) Toluene-d8              | 8.653  | 98             | 169659   | 51.157     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 92 - 112 | Recovery | = 102.320% |        |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95             | 56760    | 46.304     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 83 - 123 | Recovery | = 92.600%  |        |          |
| Target Compounds            |        |                |          |            |        |          |
|                             |        |                |          |            |        | Qvalue   |
| 11) Tert butyl alcohol      | 2.959  | 59             | 3516     | 15.460     | ug/l # | 73       |
| 16) Acetone                 | 2.386  | 43             | 40988    | 94.670     | ug/l   | 94       |
| 18) Methyl Acetate          | 2.715  | 43             | 1575     | 1.368      | ug/l # | 87       |
| 20) Methylene Chloride      | 2.794  | 84             | 9171     | 9.540      | ug/l   | 91       |
| 25) 2-Butanone              | 4.574  | 43             | 5700     | 8.138      | ug/l   | 90       |
| 43) Isopropyl Acetate       | 6.349  | 43             | 13488    | 5.358      | ug/l   | 95       |
| -----                       |        |                |          |            |        |          |

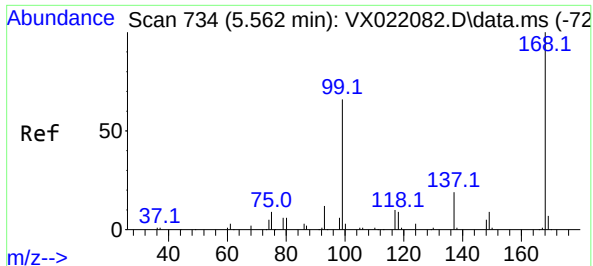
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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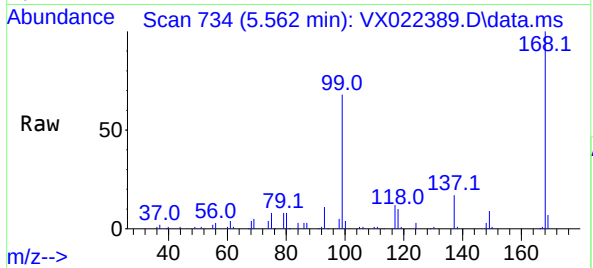
Quant Time: Jun 04 05:39:04 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 14:23:10 2021  
Response via : Initial Calibration



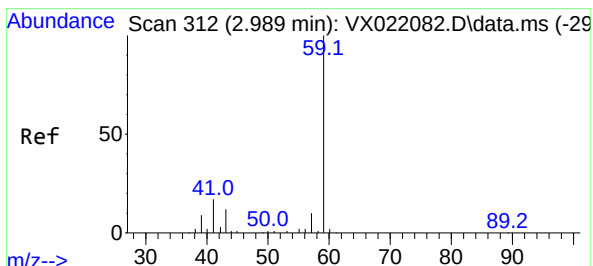
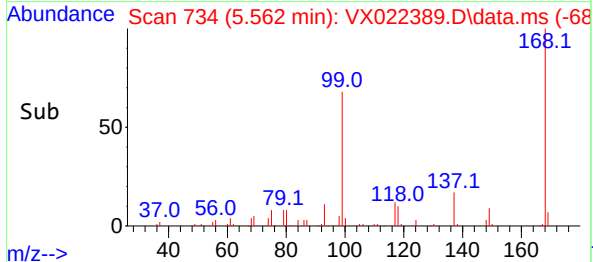
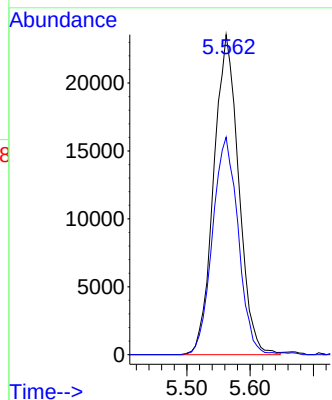


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX022389.D  
Acq: 04 Jun 2021 00:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB36780ZHE#04

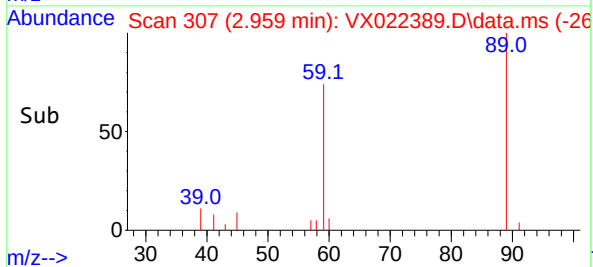
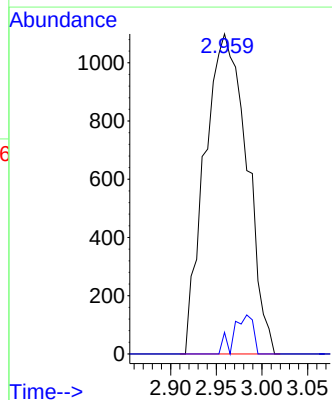
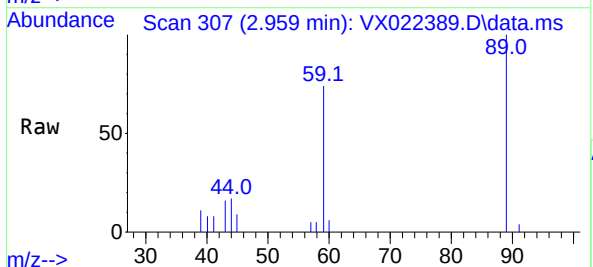


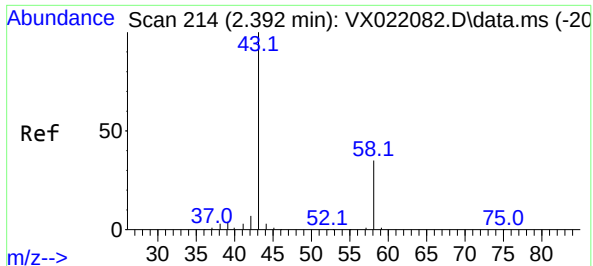
Tgt Ion:168 Resp: 64459  
Ion Ratio Lower Upper  
168 100  
99 67.9 45.8 68.6



#11  
Tert butyl alcohol  
Concen: 15.460 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. -0.030 min  
Lab File: VX022389.D  
Acq: 04 Jun 2021 00:37

Tgt Ion: 59 Resp: 3516  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#

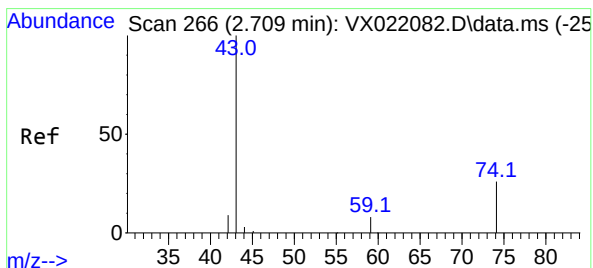
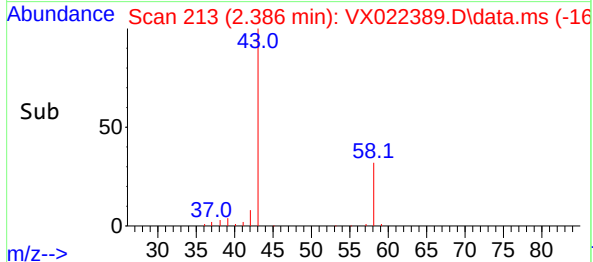
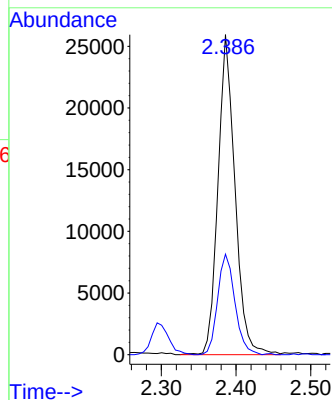
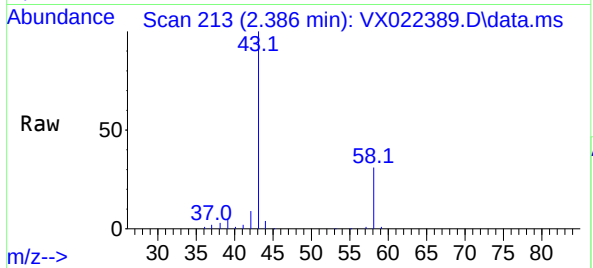




#16  
Acetone  
Concen: 94.670 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX022389.D  
Acq: 04 Jun 2021 00:37

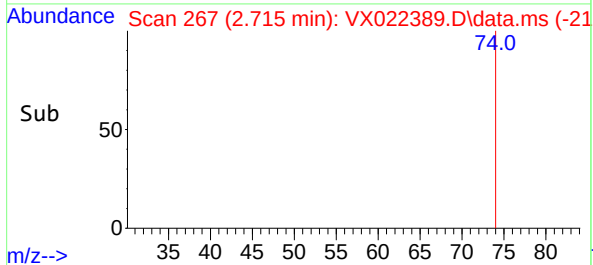
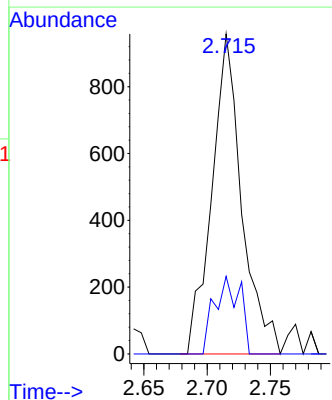
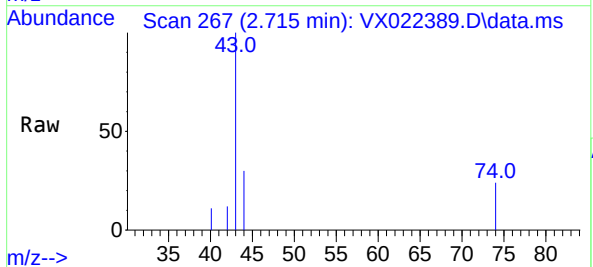
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB36780ZHE#04

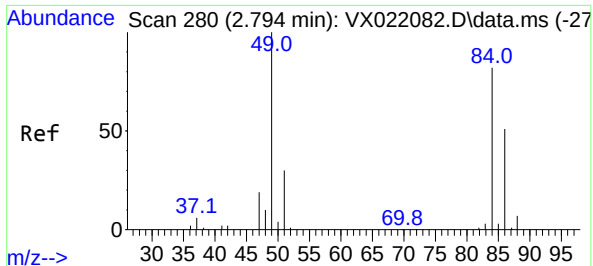
Tgt Ion: 43 Resp: 40988  
Ion Ratio Lower Upper  
43 100  
58 31.4 27.8 41.8



#18  
Methyl Acetate  
Concen: 1.368 ug/l  
RT: 2.715 min Scan# 267  
Delta R.T. 0.006 min  
Lab File: VX022389.D  
Acq: 04 Jun 2021 00:37

Tgt Ion: 43 Resp: 1575  
Ion Ratio Lower Upper  
43 100  
74 20.6 21.9 32.9#





#20

Methylene Chloride

Concen: 9.540 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022389.D

Acq: 04 Jun 2021 00:37

Instrument :

MSVOA\_X

ClientSampleId :

PB36780ZHE#04

Tgt Ion: 84 Resp: 9171

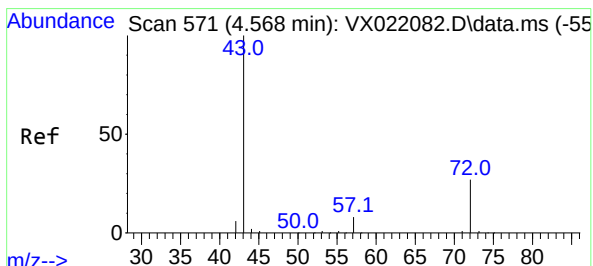
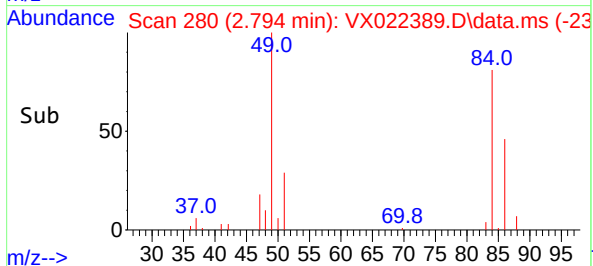
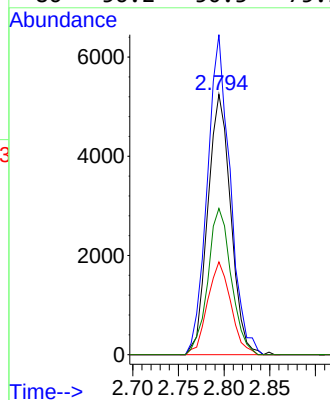
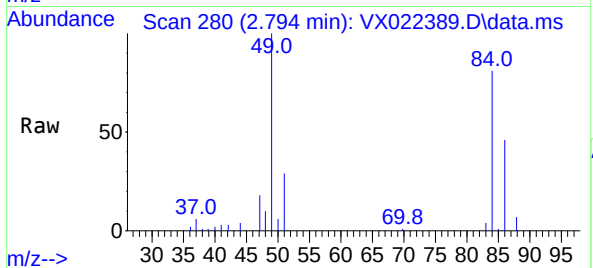
Ion Ratio Lower Upper

84 100

49 122.9 88.6 132.8

51 35.6 27.0 40.6

86 56.2 50.3 75.5



#25

2-Butanone

Concen: 8.138 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022389.D

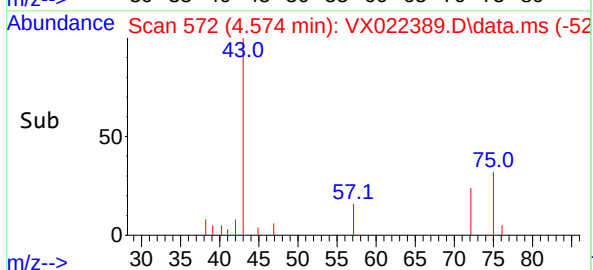
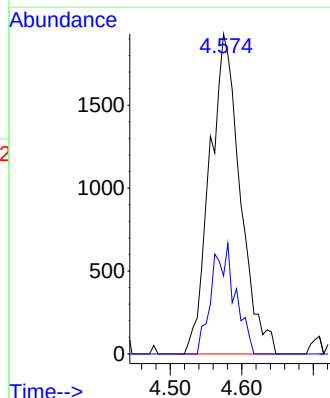
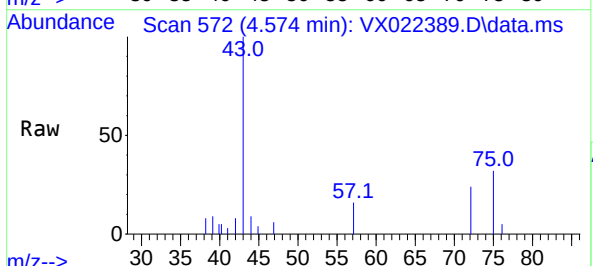
Acq: 04 Jun 2021 00:37

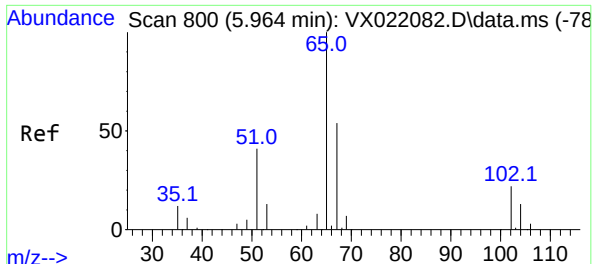
Tgt Ion: 43 Resp: 5700

Ion Ratio Lower Upper

43 100

72 24.4 23.7 35.5



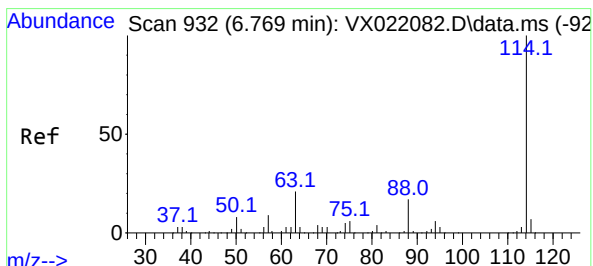
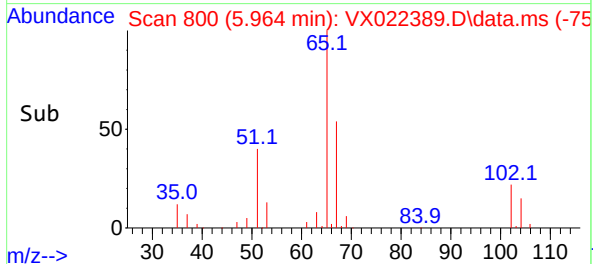
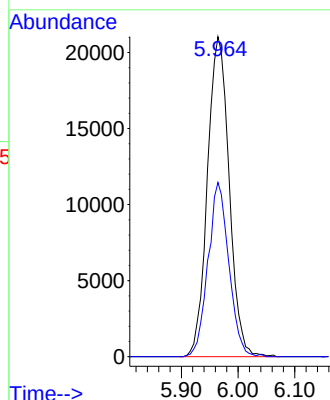
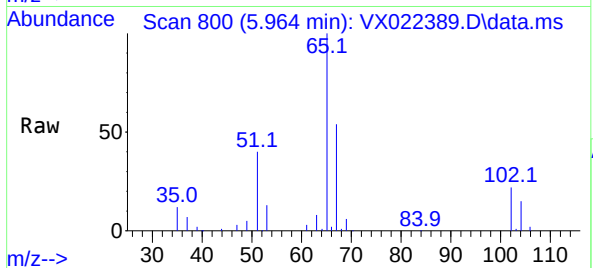


#33

1,2-Dichloroethane-d4  
Concen: 56.388 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022389.D  
Acq: 04 Jun 2021 00:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB36780ZHE#04

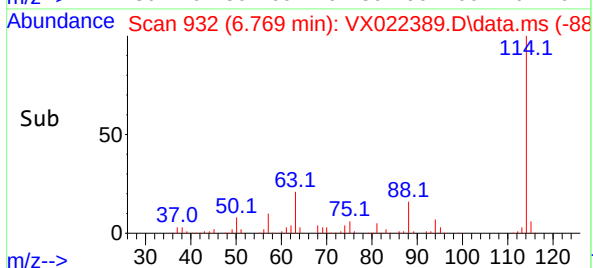
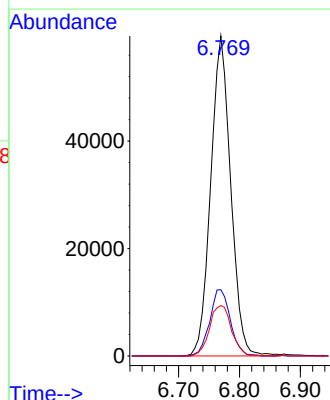
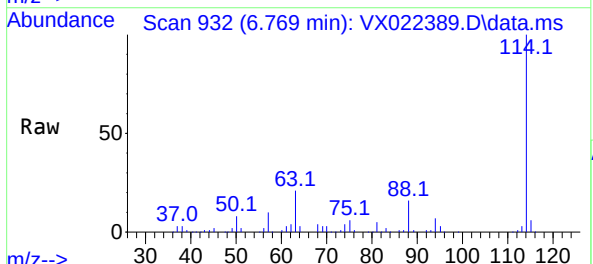
Tgt Ion: 65 Resp: 56068  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 105.4

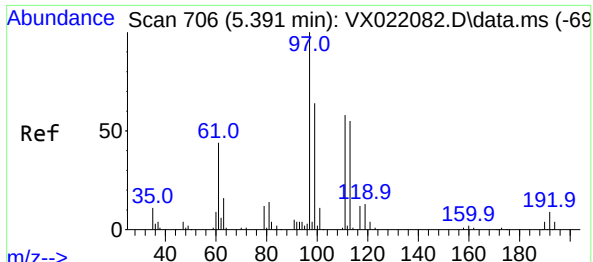


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022389.D  
Acq: 04 Jun 2021 00:37

Tgt Ion: 114 Resp: 135761  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 40.8  
88 15.7 0.0 32.8

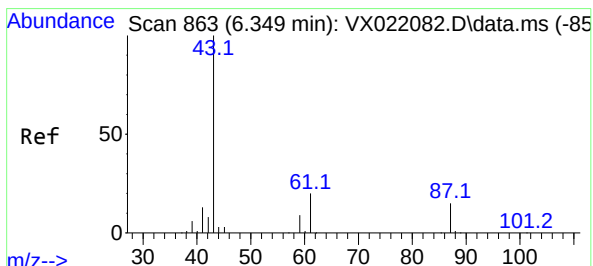
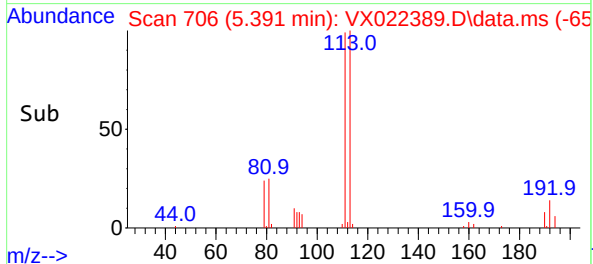
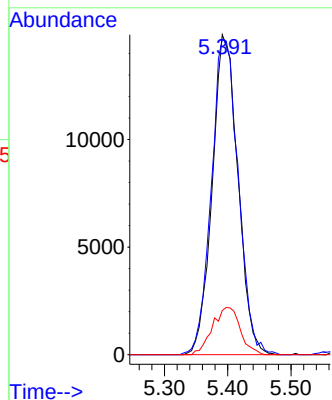
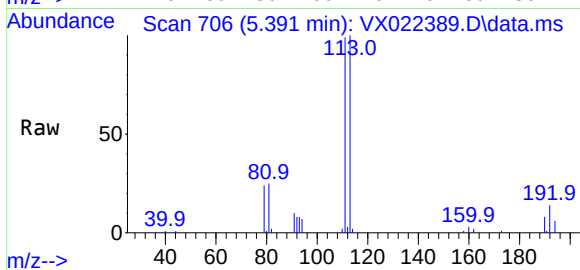




#35  
Dibromofluoromethane  
Concen: 48.603 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX022389.D  
Acq: 04 Jun 2021 00:37

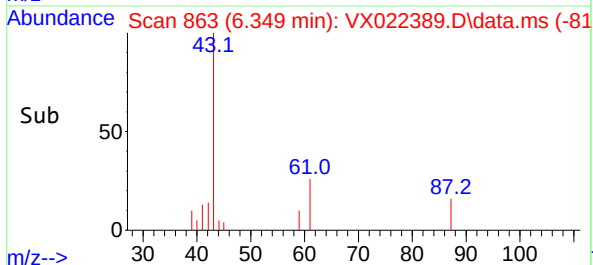
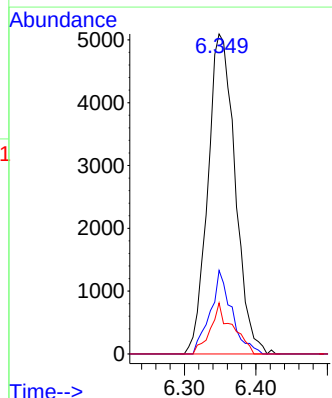
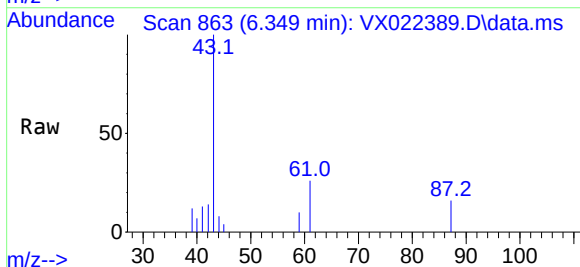
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB36780ZHE#04

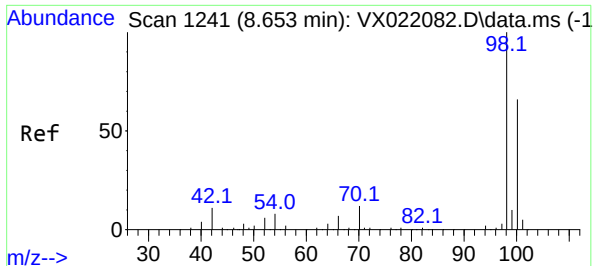
Tgt Ion:113 Resp: 41844  
Ion Ratio Lower Upper  
113 100  
111 103.4 81.9 122.9  
192 16.0 16.7 25.1#



#43  
Isopropyl Acetate  
Concen: 5.358 ug/l  
RT: 6.349 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: VX022389.D  
Acq: 04 Jun 2021 00:37

Tgt Ion: 43 Resp: 13488  
Ion Ratio Lower Upper  
43 100  
61 20.7 18.2 27.4  
87 12.8 12.5 18.7

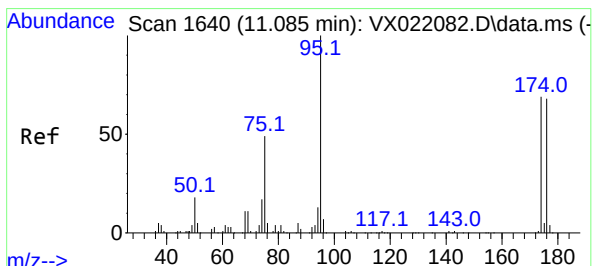
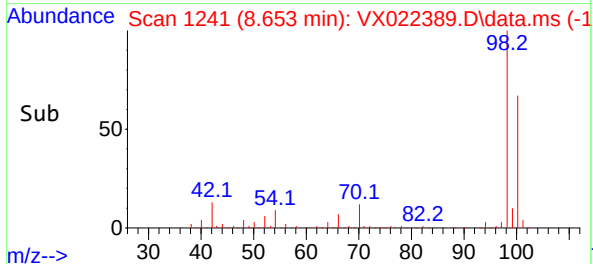
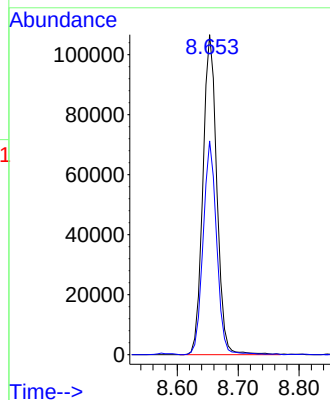
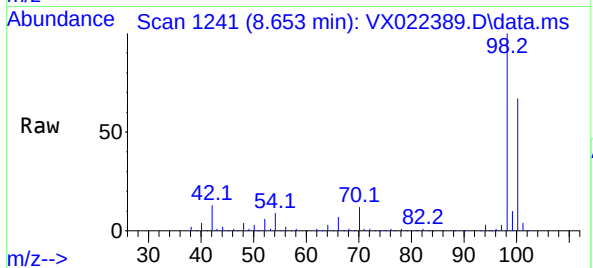




#50  
Toluene-d8  
Concen: 51.157 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022389.D  
Acq: 04 Jun 2021 00:37

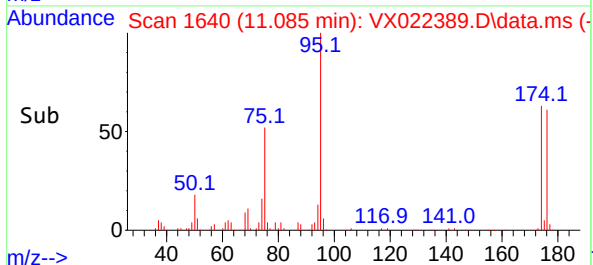
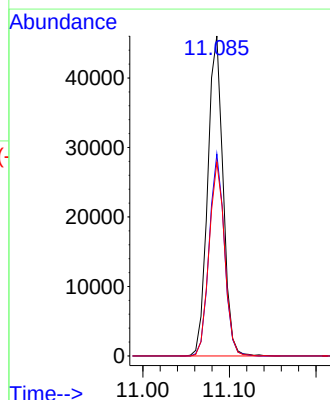
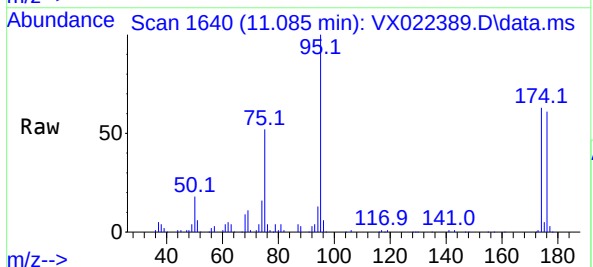
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MSVOA\_X  
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PB36780ZHE#04

Tgt Ion: 98 Resp: 169659  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.9 77.9

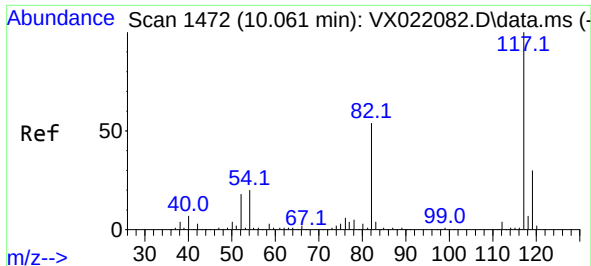


#62  
4-Bromofluorobenzene  
Concen: 46.304 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022389.D  
Acq: 04 Jun 2021 00:37

Tgt Ion: 95 Resp: 56760  
Ion Ratio Lower Upper  
95 100  
174 61.9 0.0 154.6  
176 61.0 0.0 155.8



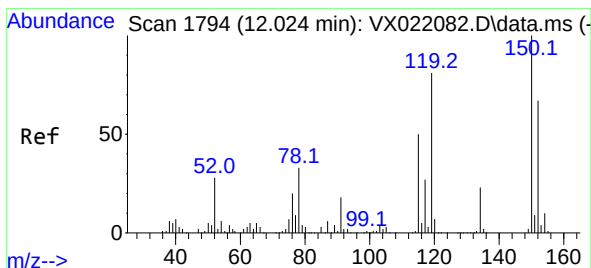
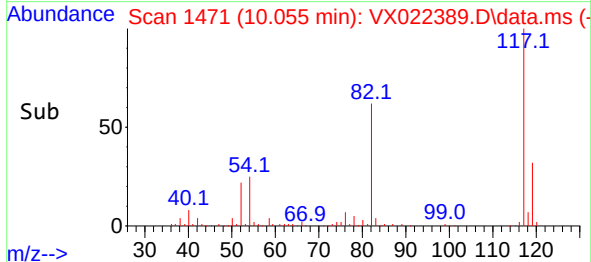
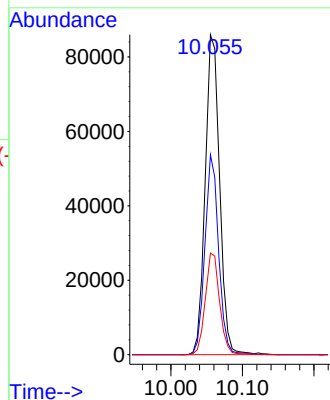
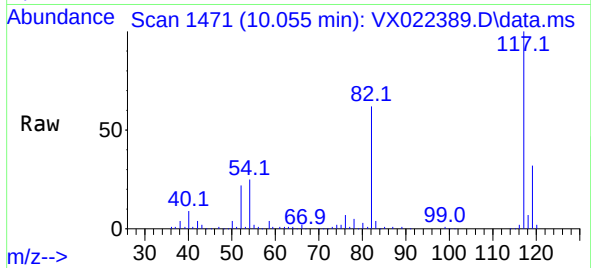




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX022389.D  
Acq: 04 Jun 2021 00:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB36780ZHE#04

Tgt Ion:117 Resp: 120785  
Ion Ratio Lower Upper  
117 100  
82 62.4 47.4 71.2  
119 31.8 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX022389.D  
Acq: 04 Jun 2021 00:37

Tgt Ion:152 Resp: 44078  
Ion Ratio Lower Upper  
152 100  
115 69.0 41.1 123.3  
150 158.9 0.0 349.0

