

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041922\  
 Data File : VX028171.D  
 Acq On : 19 Apr 2022 20:06  
 Operator : JC/MD  
 Sample : PB144164ZHE#01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB144164ZHE#01

Quant Time: Apr 20 08:18:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 19 13:38:04 2022  
 Response via : Initial Calibration

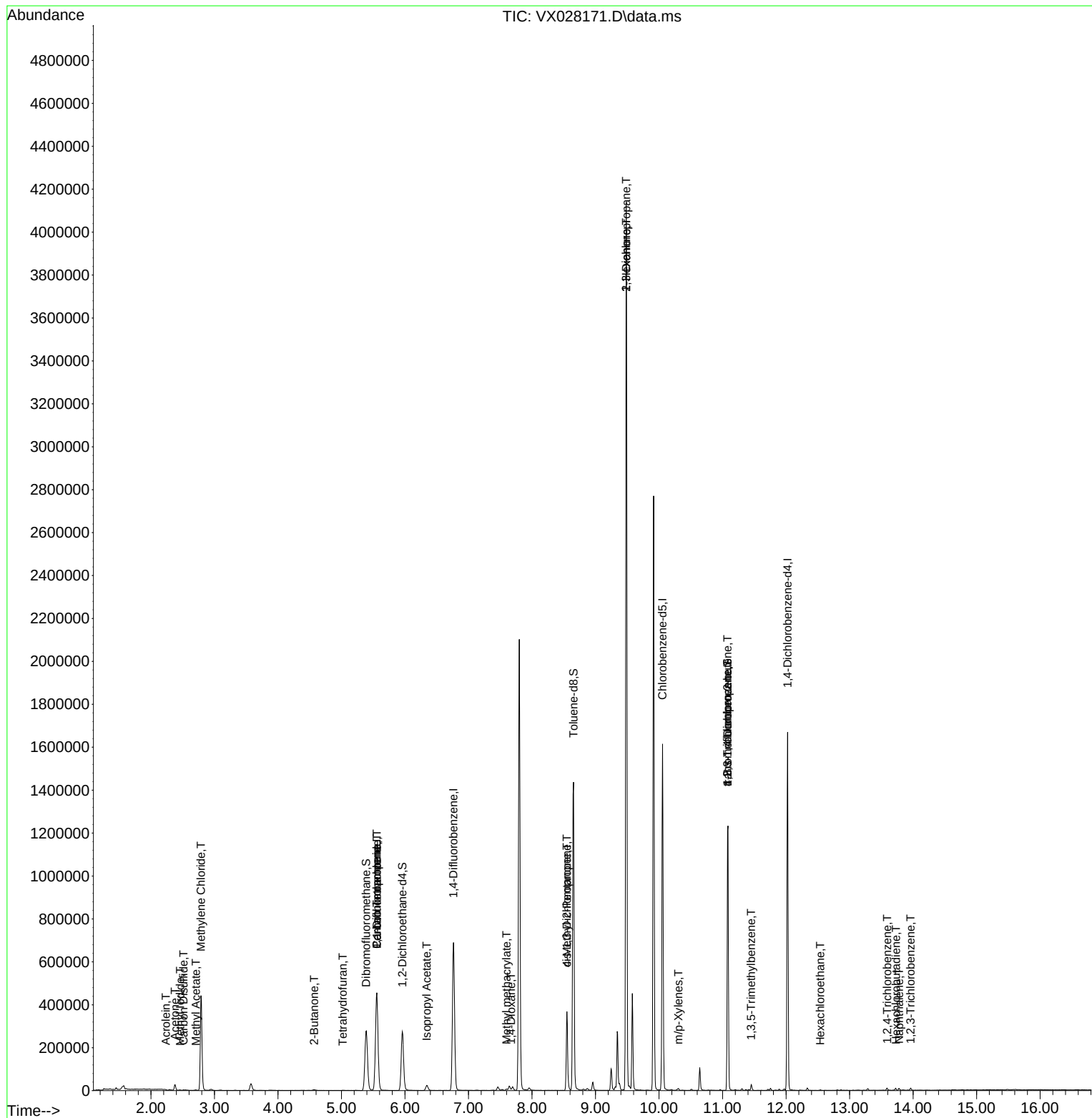
| Compound                      | R.T.           | QIon | Response   | Conc        | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-------------|--------|----------|
| -----                         |                |      |            |             |        |          |
| Internal Standards            |                |      |            |             |        |          |
| 1) Pentafluorobenzene         | 5.556          | 168  | 444938     | 50.000      | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 745237     | 50.000      | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 731788     | 50.000      | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 340712     | 50.000      | ug/l   | 0.00     |
|                               |                |      |            |             |        |          |
| System Monitoring Compounds   |                |      |            |             |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958          | 65   | 260420     | 44.889      | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 89.780%     |        |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 242982     | 46.492      | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 92.980%     |        |          |
| 50) Toluene-d8                | 8.653          | 98   | 888388     | 44.258      | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 88.520%     |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 333162     | 43.408      | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 86.820%     |        |          |
|                               |                |      |            |             |        |          |
| Target Compounds              |                |      |            |             | Qvalue |          |
| 3) Chloromethane              | 1.294          | 50   | 564        | Below Cal   |        | 91       |
| 5) Bromomethane               | 1.611          | 94   | 1394       | Below Cal   |        | 98       |
| 6) Chloroethane               | 1.666          | 64   | 192        | Below Cal   | #      | 76       |
| 8) Diethyl Ether              | 2.136          | 74   | 284        | Below Cal   |        | 78       |
| 10) Methyl Iodide             | 2.459          | 142  | 2176       | 5.630 ug/l  |        | 98       |
| 11) Tert butyl alcohol        | 2.946          | 59   | 3639       | Below Cal   | #      | 76       |
| 13) Acrolein                  | 2.233          | 56   | 629        | 0.885 ug/l  | #      | 47       |
| 16) Acetone                   | 2.379          | 43   | 27568      | 14.241 ug/l |        | 98       |
| 17) Carbon Disulfide          | 2.514          | 76   | 2726       | 0.296 ug/l  |        | 98       |
| 18) Methyl Acetate            | 2.709          | 43   | 3089       | 0.599 ug/l  |        | 97       |
| 20) Methylene Chloride        | 2.788          | 84   | 213573     | 49.615 ug/l |        | 99       |
| 25) 2-Butanone                | 4.568          | 43   | 4615       | 1.343 ug/l  | #      | 88       |
| 29) Tetrahydrofuran           | 5.019          | 42   | 584        | 0.261 ug/l  | #      | 59       |
| 36) 1,1-Dichloropropene       | 5.556          | 75   | 31608      | 4.637 ug/l  | #      | 49       |
| 38) Carbon Tetrachloride      | 5.556          | 117  | 43623      | 5.668 ug/l  | #      | 15       |
| 43) Isopropyl Acetate         | 6.342          | 43   | 32041      | 2.846 ug/l  |        | 99       |
| 48) Methyl methacrylate       | 7.598          | 41   | 7738       | 1.497 ug/l  | #      | 7        |
| 49) 1,4-Dioxane               | 7.671          | 88   | 63         | 0.456 ug/l  | #      | 1        |
| 51) 4-Methyl-2-Pentanone      | 8.549          | 43   | 117407     | 16.251 ug/l | #      | 44       |
| 54) cis-1,3-Dichloropropene   | 8.549          | 75   | 63701      | 7.579 ug/l  | #      | 66       |
| 57) 1,3-Dichloropropane       | 9.482          | 76   | 39052      | 4.295 ug/l  | #      | 44       |
| 59) 2-Hexanone                | 9.482          | 43   | 444619     | 79.451 ug/l | #      | 45       |
| 68) m/p-Xylenes               | 10.305         | 106  | 2161       | 0.203 ug/l  |        | 94       |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 165623     | 24.700 ug/l | #      | 38       |
| 80) 1,3,5-Trimethylbenzene    | 11.451         | 105  | 9858       | 0.496 ug/l  |        | 95       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 165623     | 73.401 ug/l | #      | 15       |
| 90) Hexachloroethane          | 12.536         | 117  | 366        | 1.906 ug/l  |        | 74       |
| 93) 1,2,4-Trichlorobenzene    | 13.591         | 180  | 2403       | 0.355 ug/l  |        | 97       |
| 94) Hexachlorobutadiene       | 13.731         | 225  | 1346       | 0.445 ug/l  |        | 87       |
| 95) Naphthalene               | 13.780         | 128  | 5978       | 0.265 ug/l  |        | 98       |
| 96) 1,2,3-Trichlorobenzene    | 13.963         | 180  | 2337       | 0.352 ug/l  |        | 93       |
| -----                         |                |      |            |             |        |          |

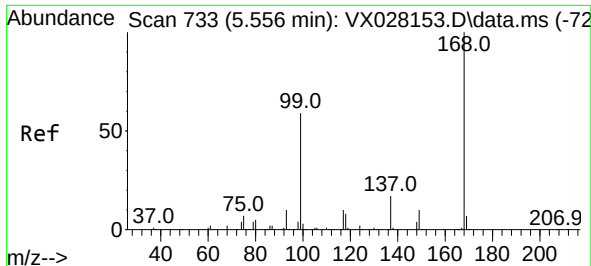
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041922\  
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Sample : PB144164ZHE#01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144164ZHE#01

Quant Time: Apr 20 08:18:33 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 19 13:38:04 2022  
Response via : Initial Calibration

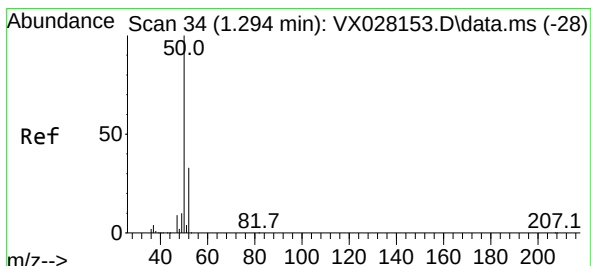
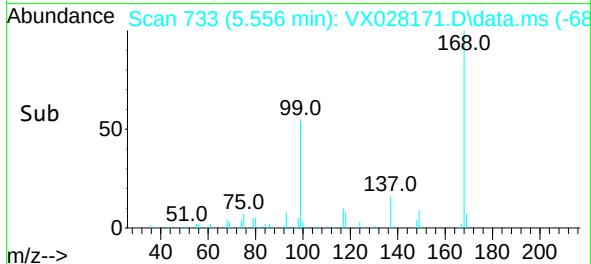
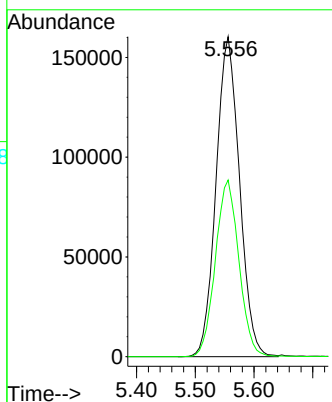
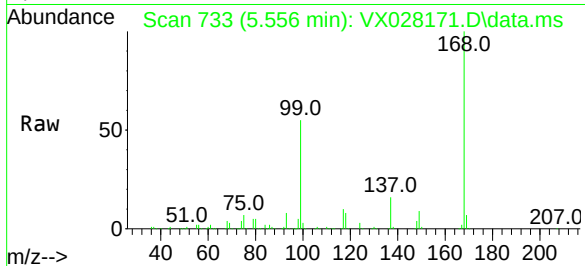




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

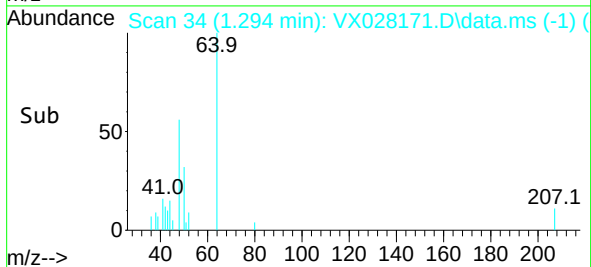
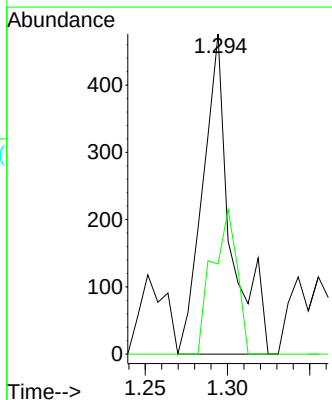
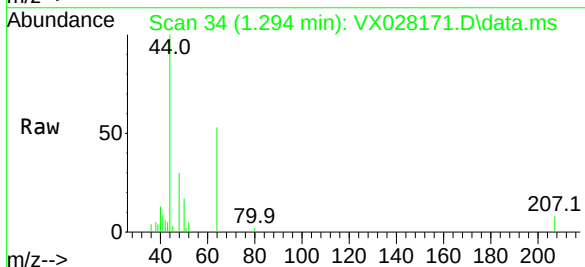
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144164ZHE#01

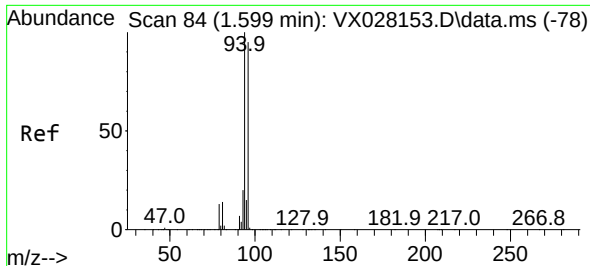
Tgt Ion:168 Resp: 444938  
Ion Ratio Lower Upper  
168 100  
99 55.2 41.7 62.5



#3  
Chloromethane  
Concen: Below Cal  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

Tgt Ion: 50 Resp: 564  
Ion Ratio Lower Upper  
50 100  
52 28.2 26.4 39.6

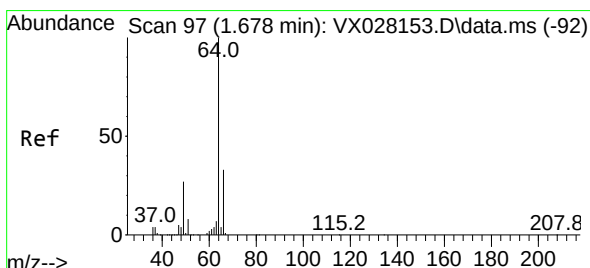
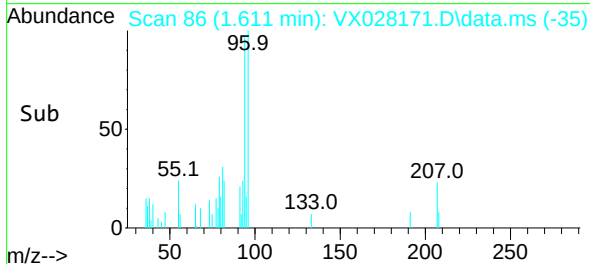
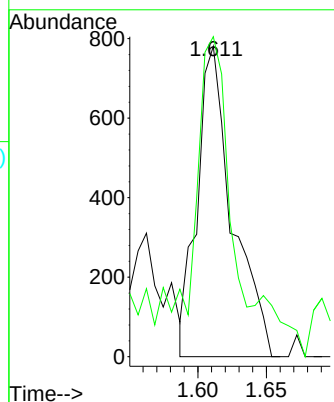
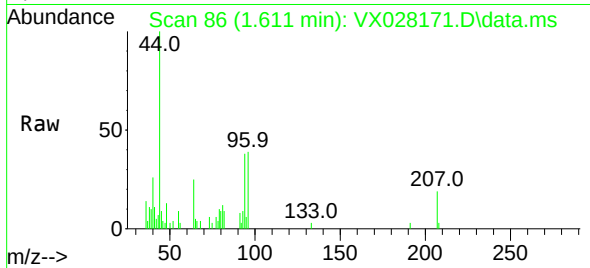




#5  
Bromomethane  
Concen: Below Cal  
RT: 1.611 min Scan# 80  
Delta R.T. 0.012 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

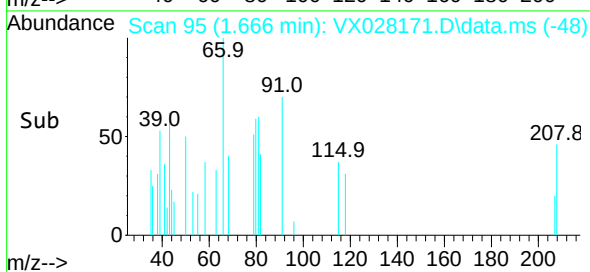
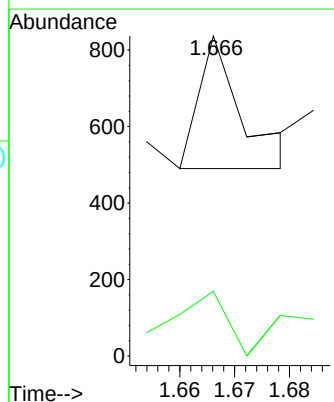
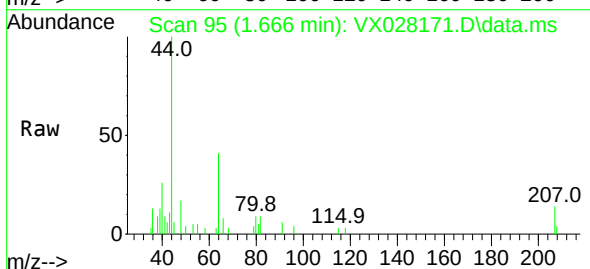
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144164ZHE#01

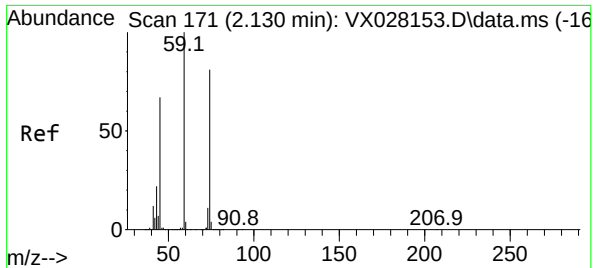
Tgt Ion: 94 Resp: 1394  
Ion Ratio Lower Upper  
94 100  
96 91.8 75.3 112.9



#6  
Chloroethane  
Concen: Below Cal  
RT: 1.666 min Scan# 95  
Delta R.T. -0.012 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

Tgt Ion: 64 Resp: 192  
Ion Ratio Lower Upper  
64 100  
66 18.2 25.3 37.9#

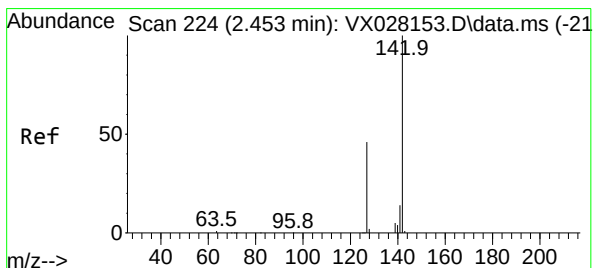
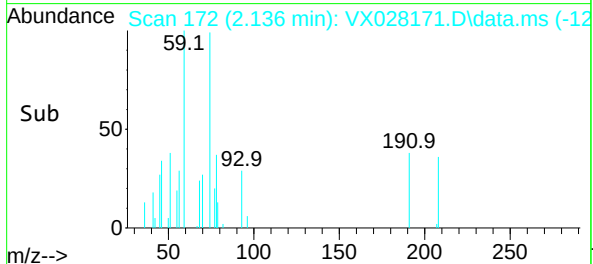
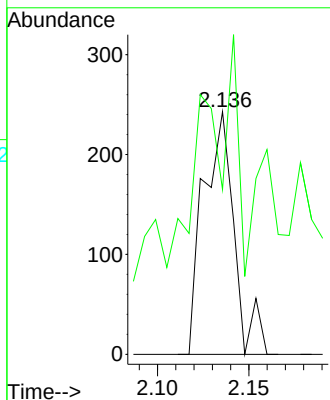
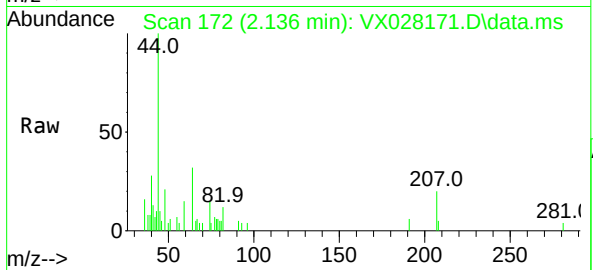




#8  
Diethyl Ether  
Concen: Below Cal  
RT: 2.136 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

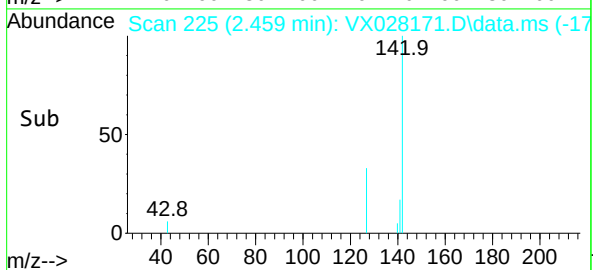
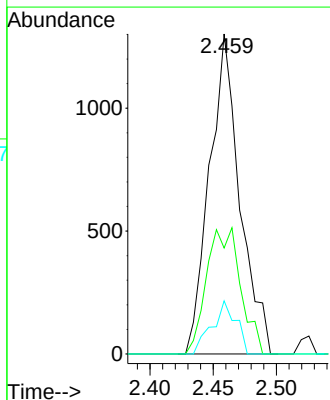
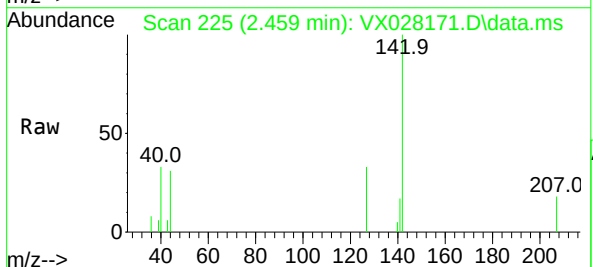
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144164ZHE#01

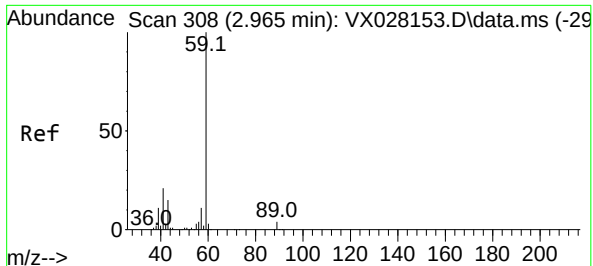
Tgt Ion: 74 Resp: 284  
Ion Ratio Lower Upper  
74 100  
45 103.9 42.0 126.0



#10  
Methyl Iodide  
Concen: 5.630 ug/l  
RT: 2.459 min Scan# 225  
Delta R.T. 0.006 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

Tgt Ion:142 Resp: 2176  
Ion Ratio Lower Upper  
142 100  
127 43.9 33.9 50.9  
141 13.1 11.4 17.2

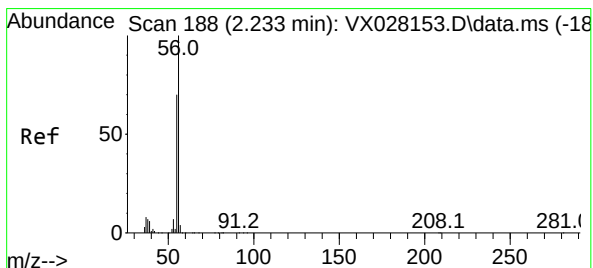
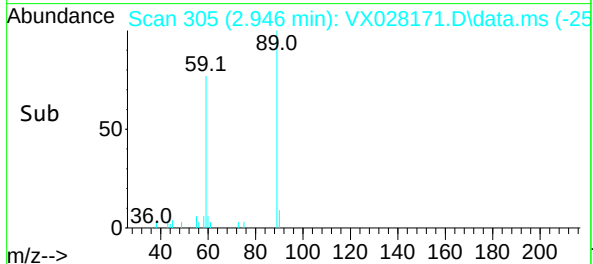
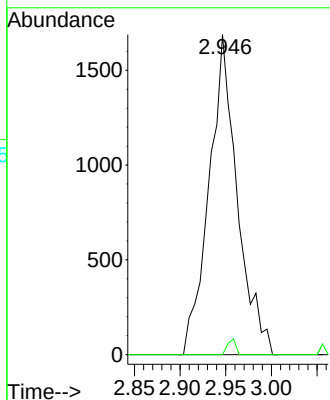
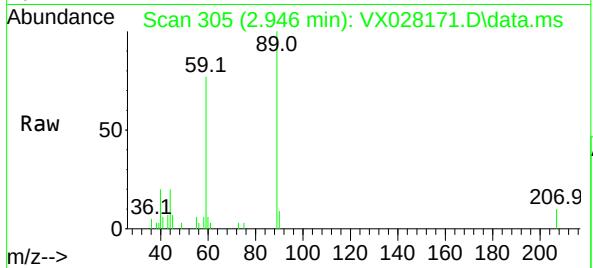




#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 2.946 min Scan# 308  
Delta R.T. -0.019 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

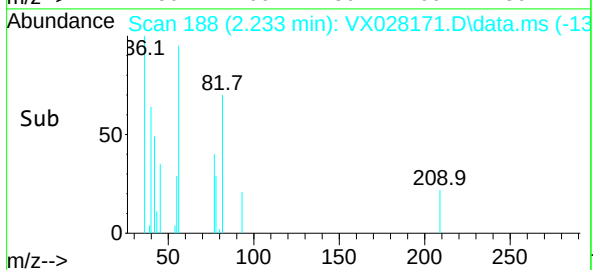
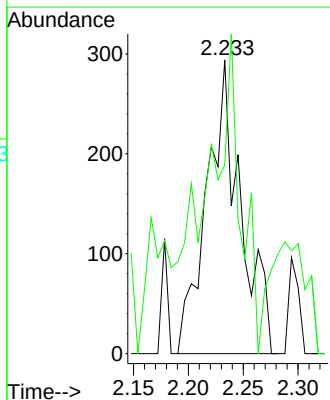
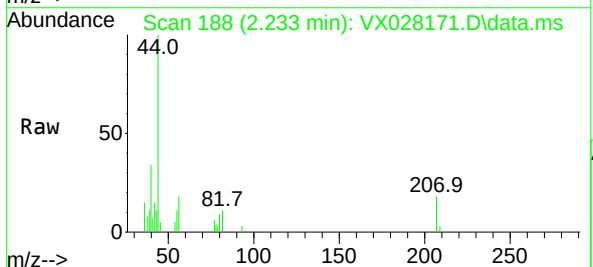
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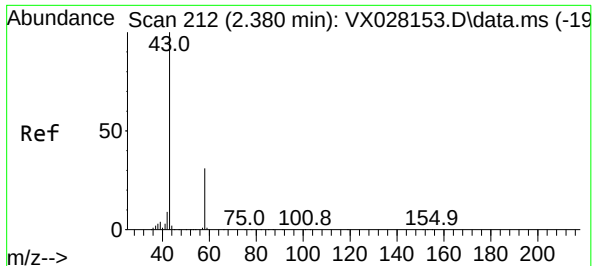
Tgt Ion: 59 Resp: 3639  
Ion Ratio Lower Upper  
59 100  
57 1.4 8.3 12.5#



#13  
Acrolein  
Concen: 0.885 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

Tgt Ion: 56 Resp: 629  
Ion Ratio Lower Upper  
56 100  
55 111.8 55.0 82.6#

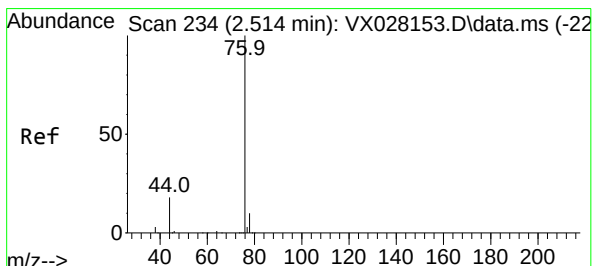
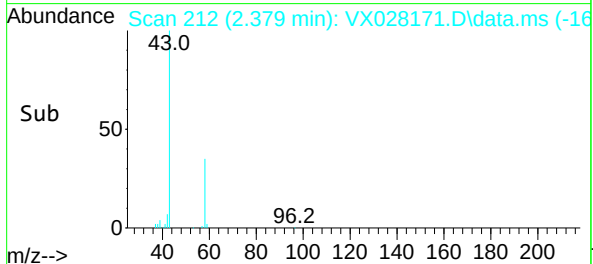
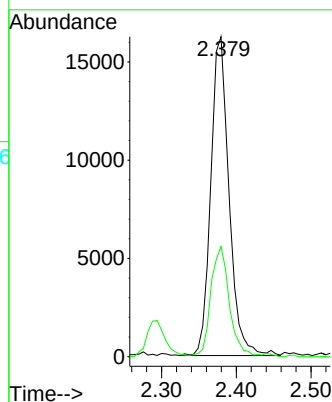
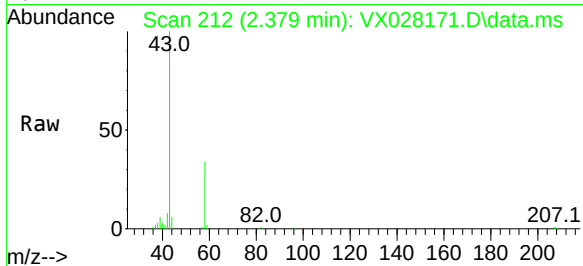




#16  
Acetone  
Concen: 14.241 ug/l  
RT: 2.379 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

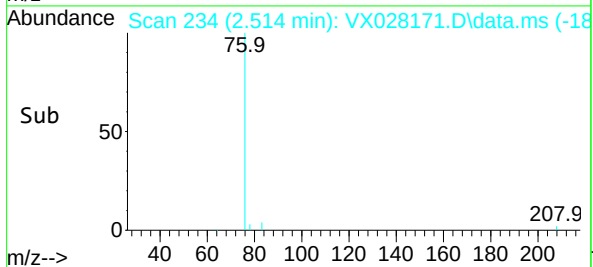
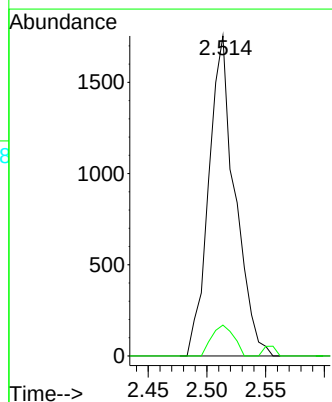
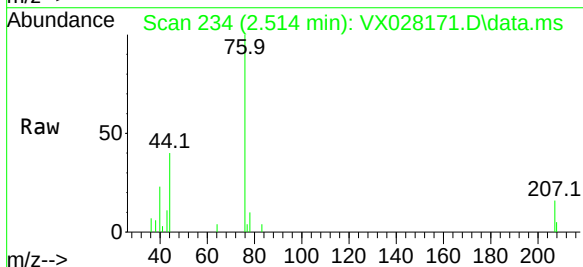
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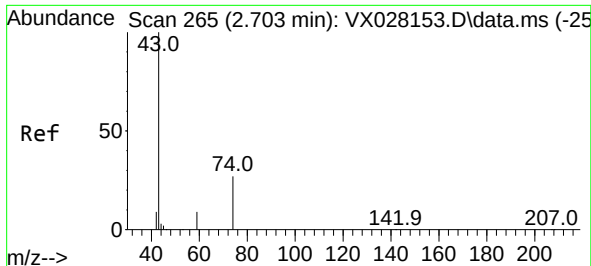
Tgt Ion: 43 Resp: 27568  
Ion Ratio Lower Upper  
43 100  
58 34.6 28.8 43.2



#17  
Carbon Disulfide  
Concen: 0.296 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

Tgt Ion: 76 Resp: 2726  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.2 10.8

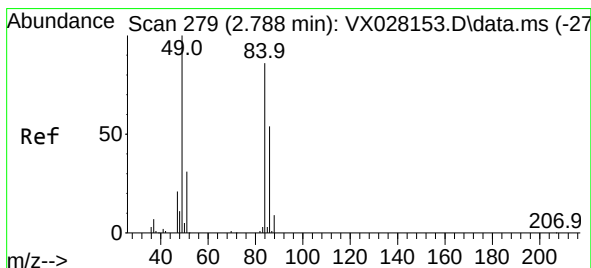
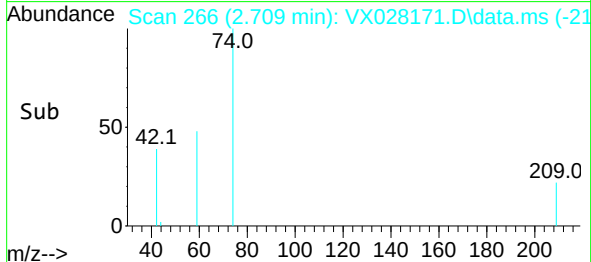
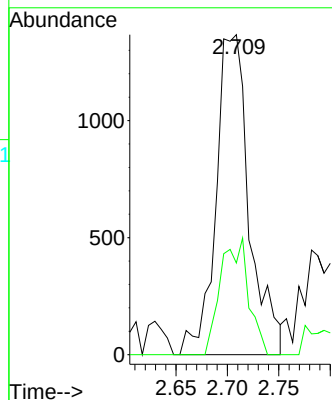
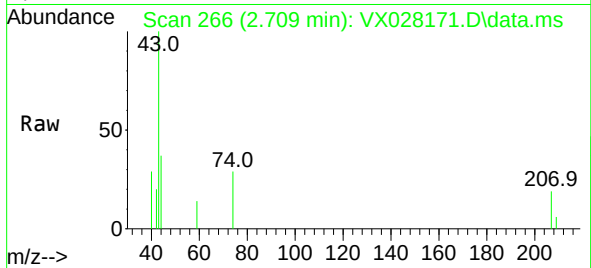




#18  
Methyl Acetate  
Concen: 0.599 ug/l  
RT: 2.709 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

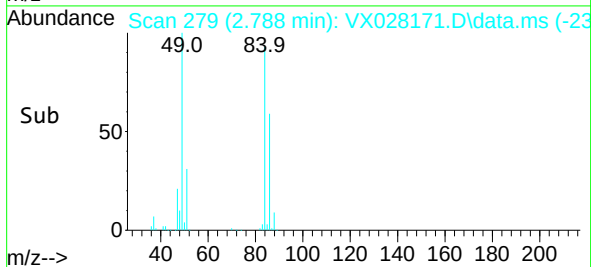
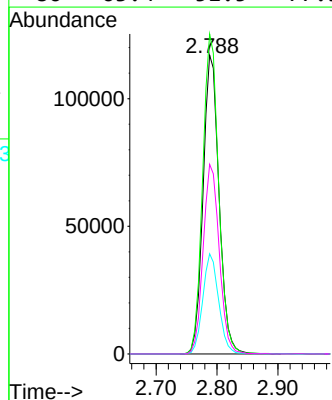
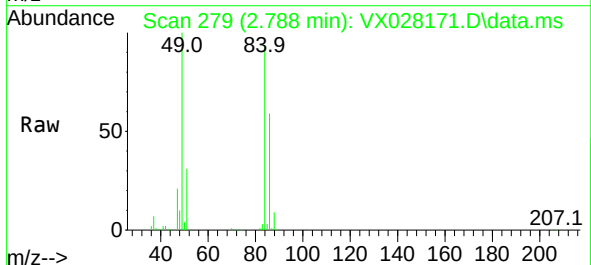
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144164ZHE#01

Tgt Ion: 43 Resp: 3089  
Ion Ratio Lower Upper  
43 100  
74 30.3 22.8 34.2

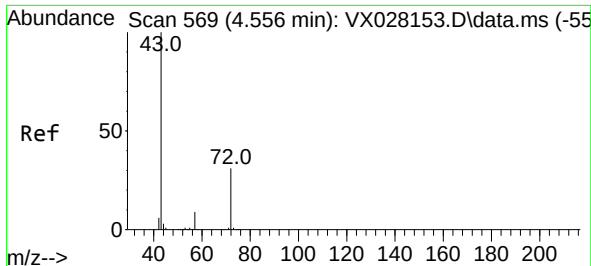


#20  
Methylene Chloride  
Concen: 49.615 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

Tgt Ion: 84 Resp: 213573  
Ion Ratio Lower Upper  
84 100  
49 107.1 85.5 128.3  
51 33.5 26.6 39.8  
86 63.4 51.5 77.3







#25

2-Butanone

Concen: 1.343 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX028171.D

Acq: 19 Apr 2022 20:06

Instrument :

MSVOA\_X

ClientSampleId :

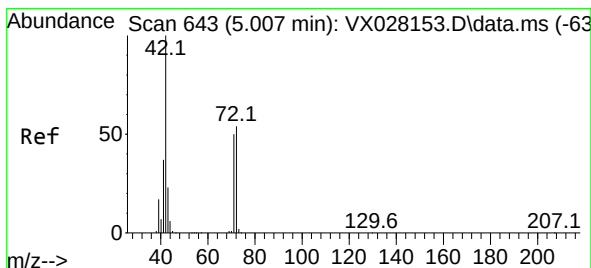
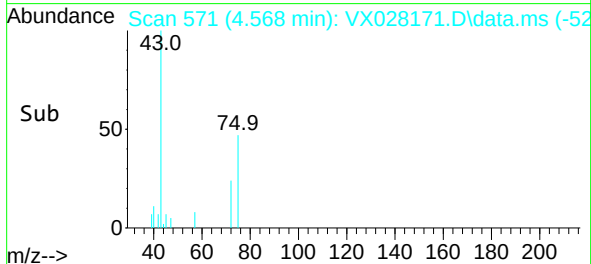
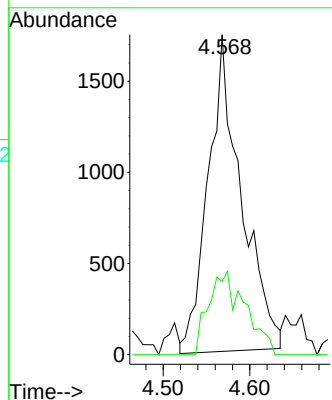
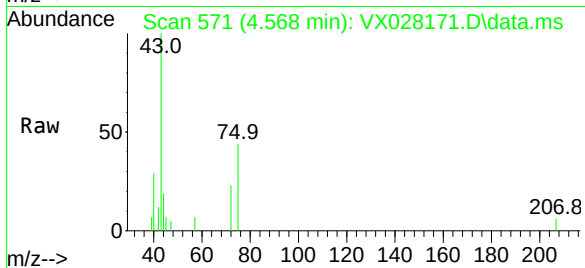
PB144164ZHE#01

Tgt Ion: 43 Resp: 4615

Ion Ratio Lower Upper

43 100

72 23.7 24.4 36.6#



#29

Tetrahydrofuran

Concen: 0.261 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.012 min

Lab File: VX028171.D

Acq: 19 Apr 2022 20:06

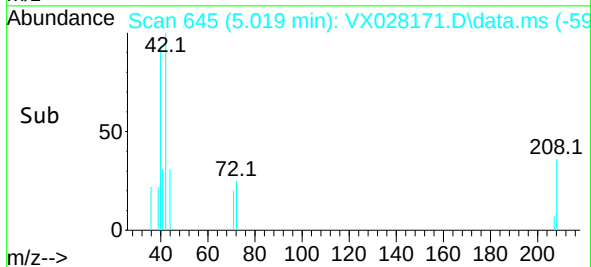
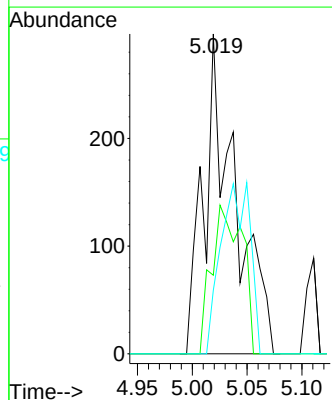
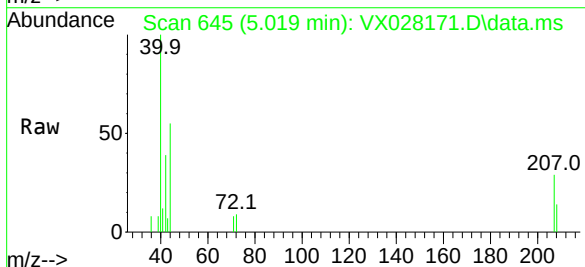
Tgt Ion: 42 Resp: 584

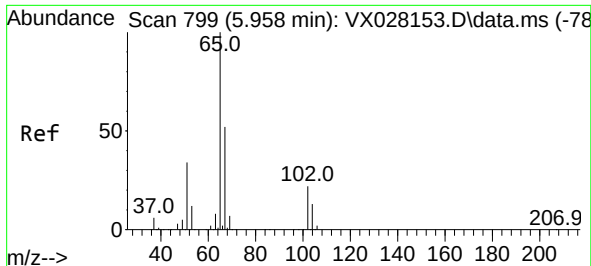
Ion Ratio Lower Upper

42 100

72 46.1 44.1 66.1

71 0.0 40.5 60.7#





#33

1,2-Dichloroethane-d4

Concen: 44.889 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028171.D

Acq: 19 Apr 2022 20:06

Instrument :

MSVOA\_X

ClientSampleId :

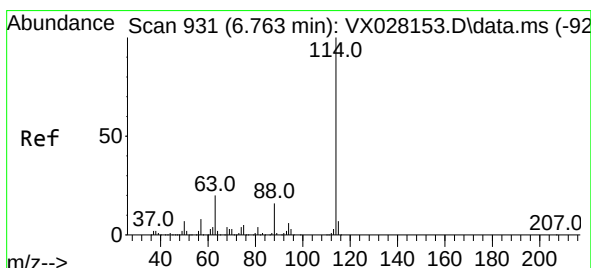
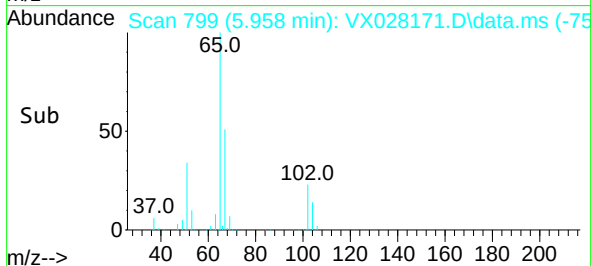
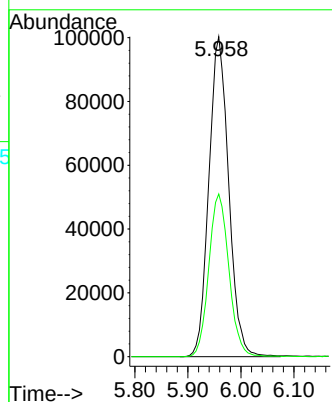
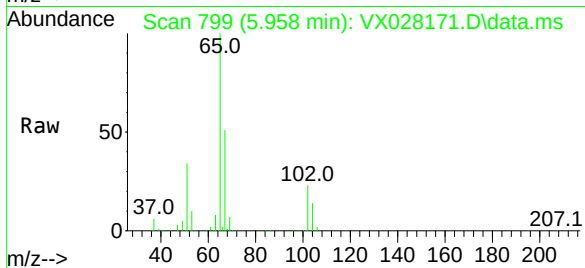
PB144164ZHE#01

Tgt Ion: 65 Resp: 260420

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028171.D

Acq: 19 Apr 2022 20:06

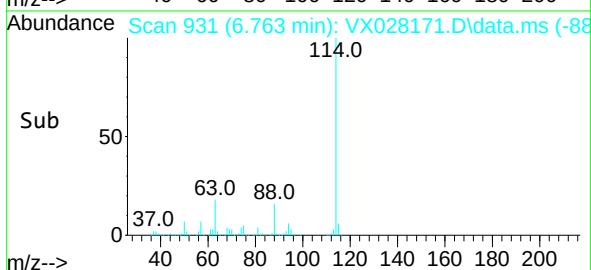
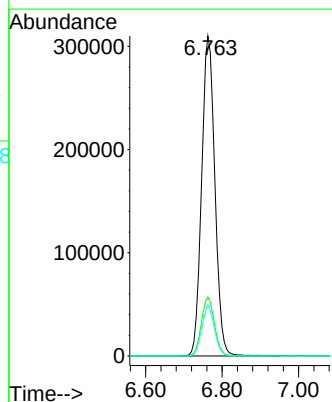
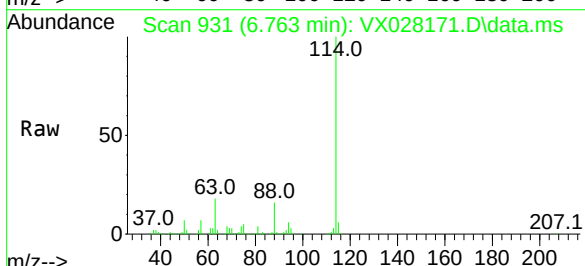
Tgt Ion: 114 Resp: 745237

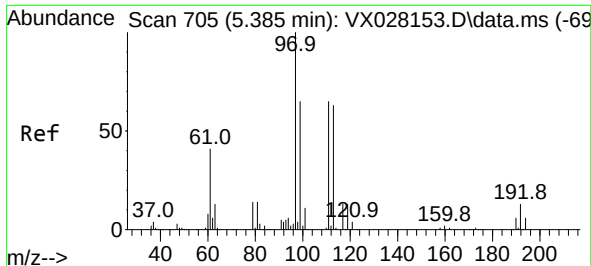
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 16.0 0.0 32.4

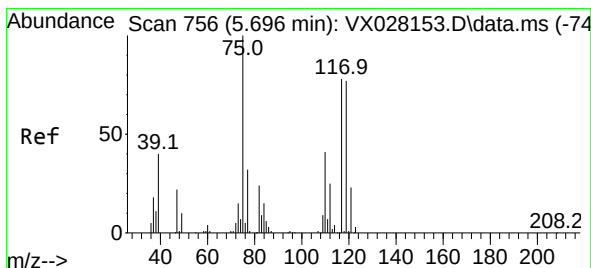
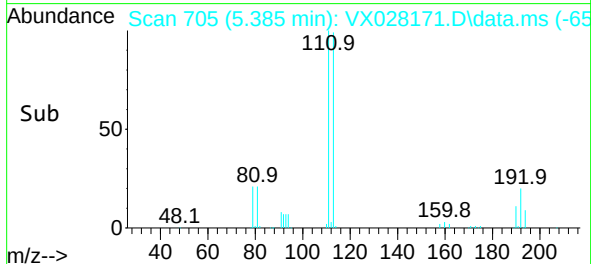
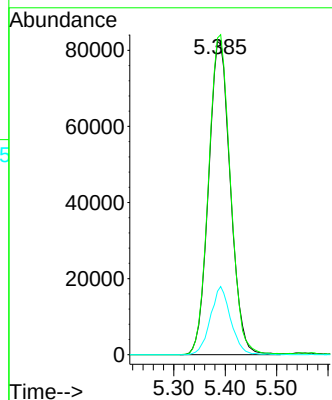
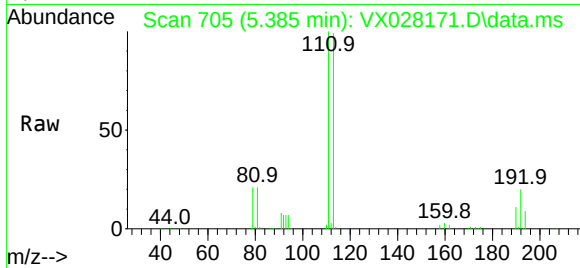




#35  
Dibromofluoromethane  
Concen: 46.492 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

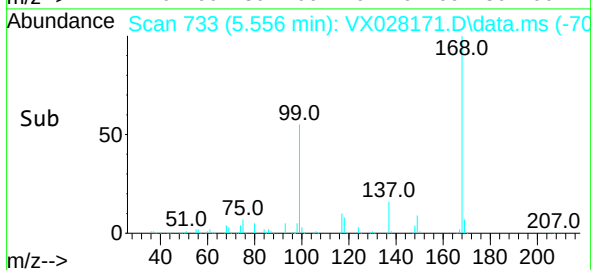
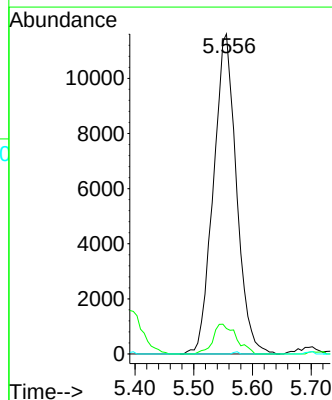
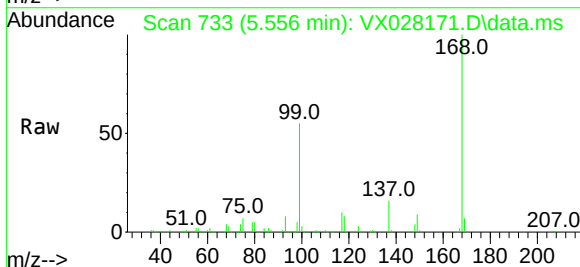
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144164ZHE#01

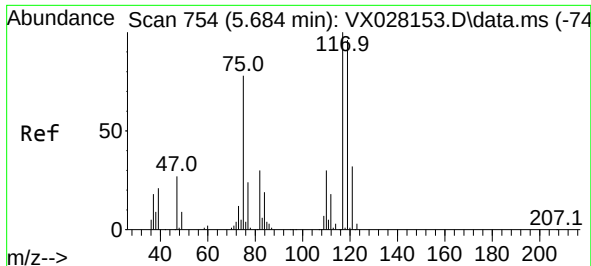
Tgt Ion:113 Resp: 242982  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.8 124.2  
192 20.2 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 4.637 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.140 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

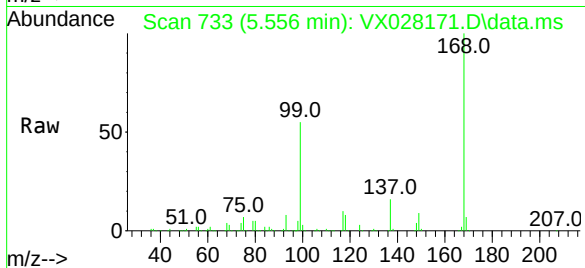
Tgt Ion: 75 Resp: 31608  
Ion Ratio Lower Upper  
75 100  
110 9.5 18.3 54.8#  
77 0.0 24.8 37.2#



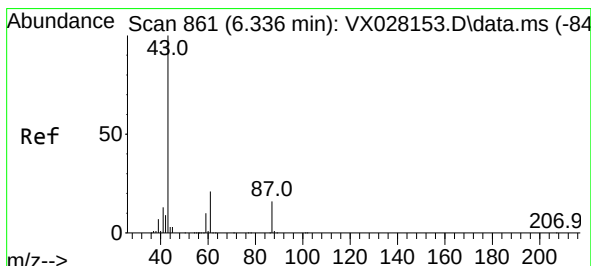
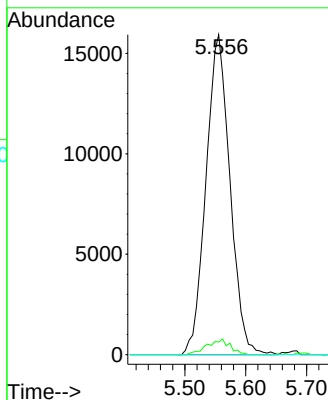
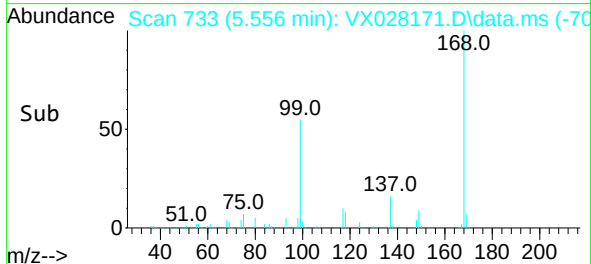


#38  
Carbon Tetrachloride  
Concen: 5.668 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

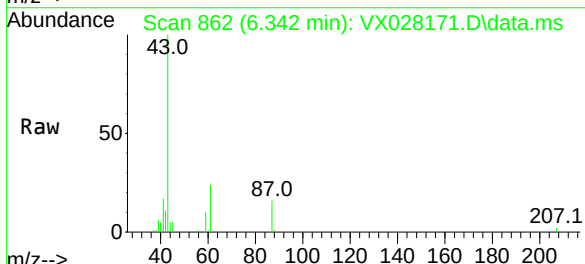
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144164ZHE#01



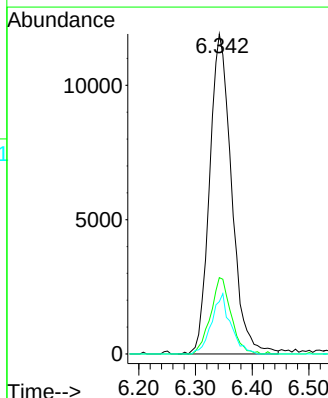
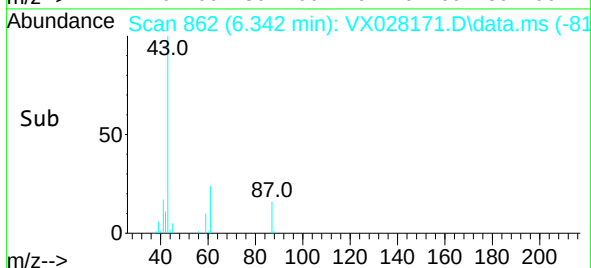
Tgt Ion:117 Resp: 43623  
Ion Ratio Lower Upper  
117 100  
119 3.9 77.3 115.9#  
121 0.0 24.2 36.2#

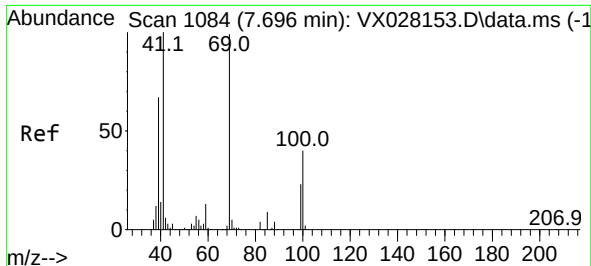


#43  
Isopropyl Acetate  
Concen: 2.846 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06



Tgt Ion: 43 Resp: 32041  
Ion Ratio Lower Upper  
43 100  
61 22.2 18.5 27.7  
87 16.3 13.0 19.6





#48

Methyl methacrylate

Concen: 1.497 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX028171.D

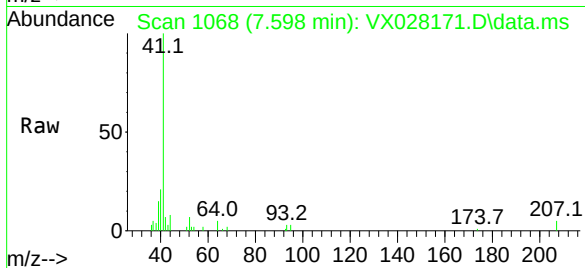
Acq: 19 Apr 2022 20:06

Instrument :

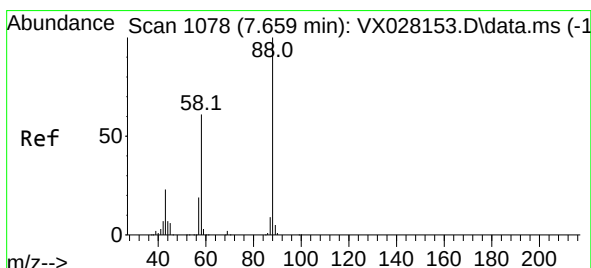
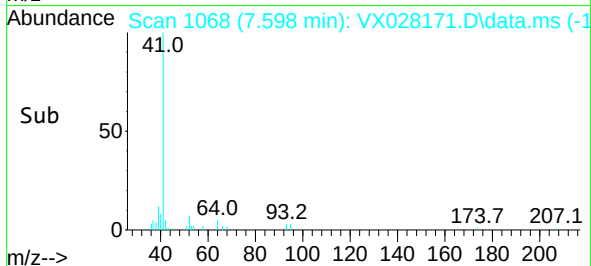
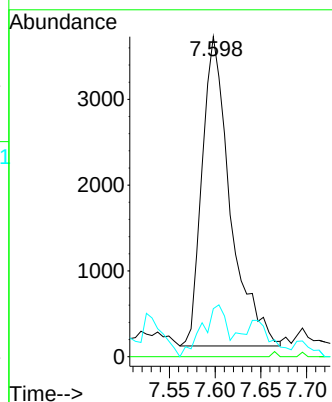
MSVOA\_X

ClientSampleId :

PB144164ZHE#01



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 7738   |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 0.0   | 82.5  | 123.7# |
| 39        | 0.0   | 43.8  | 65.8#  |



#49

1,4-Dioxane

Concen: 0.456 ug/l

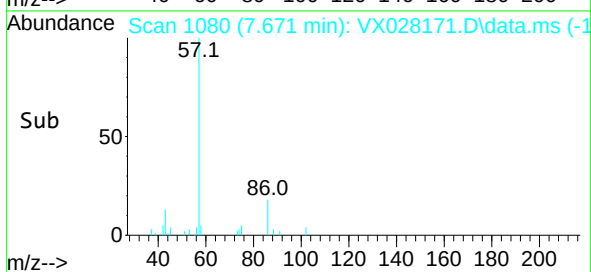
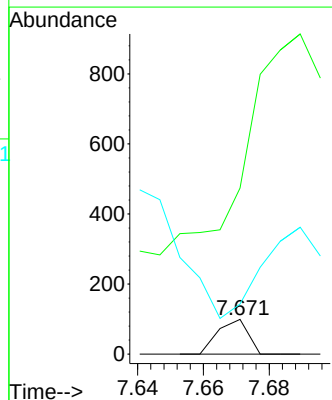
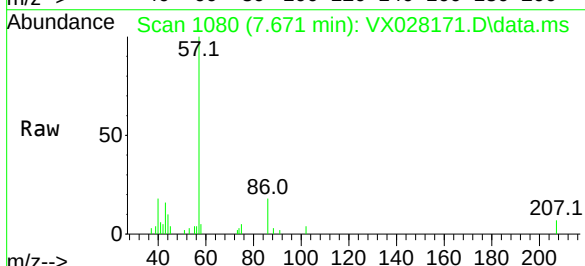
RT: 7.671 min Scan# 1080

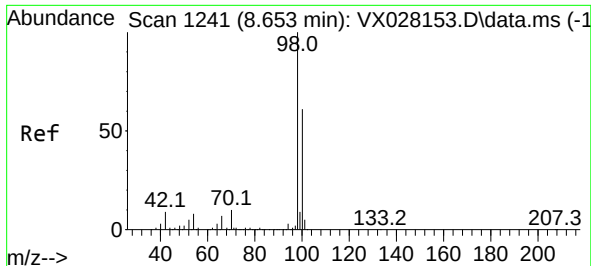
Delta R.T. 0.012 min

Lab File: VX028171.D

Acq: 19 Apr 2022 20:06

|           |        |       |       |
|-----------|--------|-------|-------|
| Tgt Ion:  | 88     | Resp: | 63    |
| Ion Ratio | Lower  | Upper |       |
| 88        | 100    |       |       |
| 43        | 0.0    | 21.9  | 32.9# |
| 58        | 1131.7 | 53.7  | 80.5# |

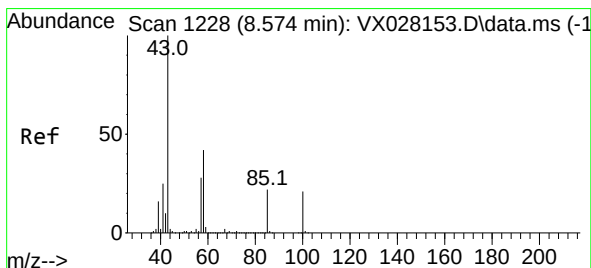
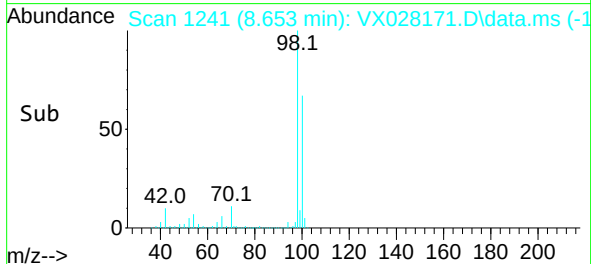
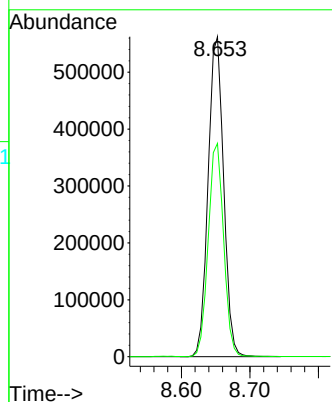
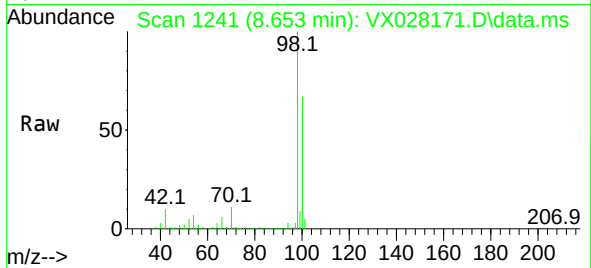




#50  
Toluene-d8  
Concen: 44.258 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

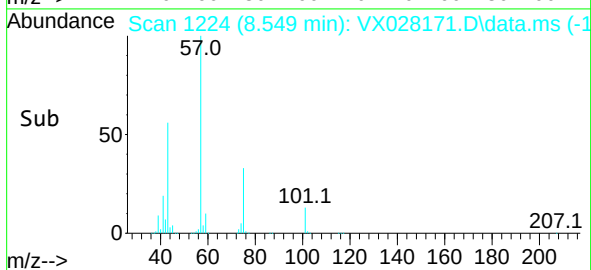
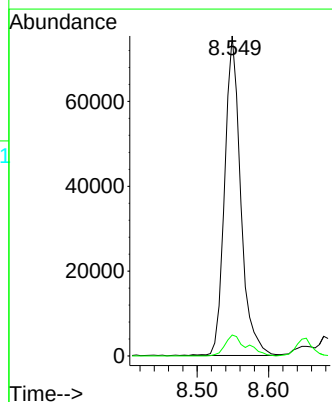
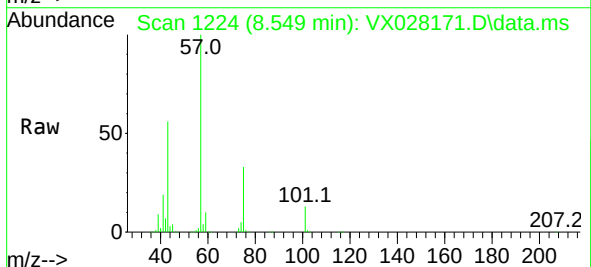
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144164ZHE#01

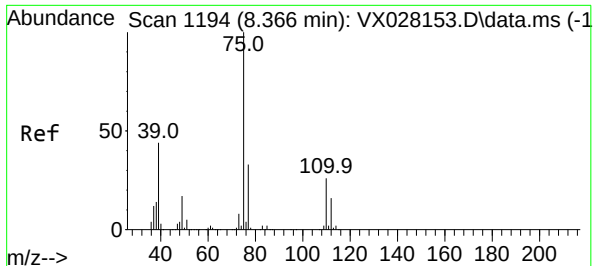
Tgt Ion: 98 Resp: 888388  
Ion Ratio Lower Upper  
98 100  
100 66.0 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 16.251 ug/l  
RT: 8.549 min Scan# 1224  
Delta R.T. -0.025 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

Tgt Ion: 43 Resp: 117407  
Ion Ratio Lower Upper  
43 100  
58 8.8 36.1 54.1#

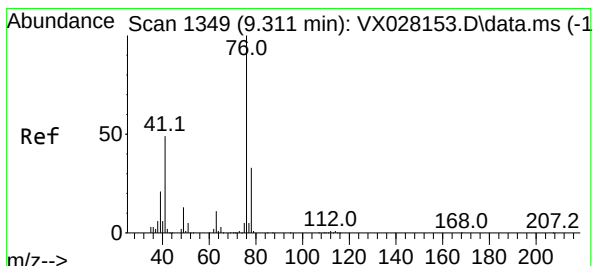
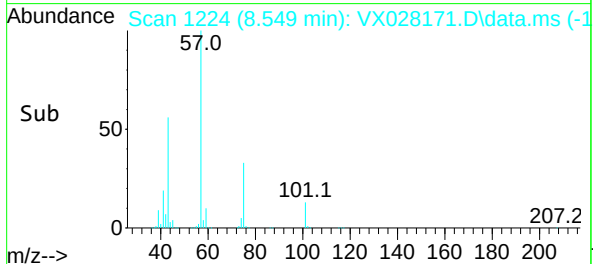
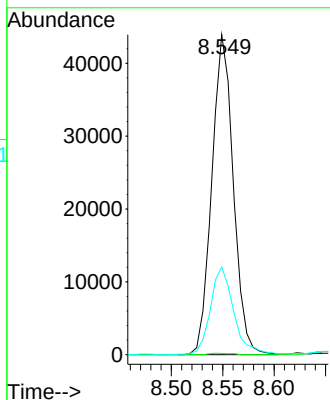
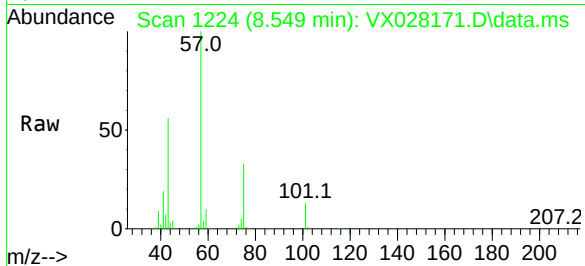




#54  
 cis-1,3-Dichloropropene  
 Concen: 7.579 ug/l  
 RT: 8.549 min Scan# 1194  
 Delta R.T. 0.183 min  
 Lab File: VX028171.D  
 Acq: 19 Apr 2022 20:06

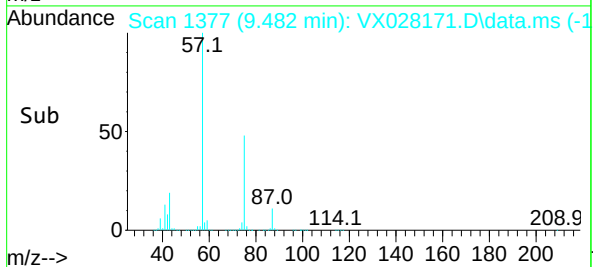
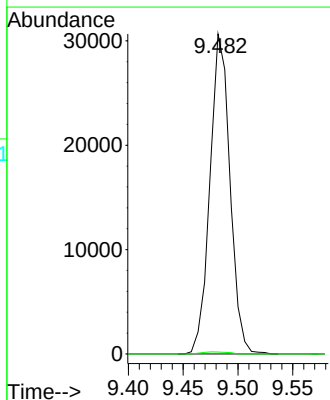
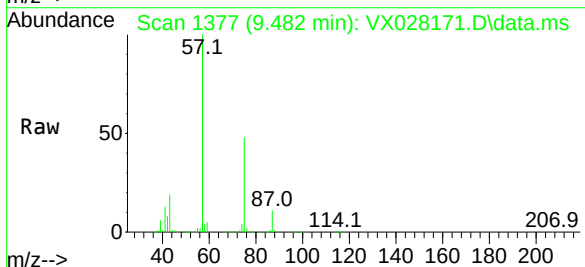
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB144164ZHE#01

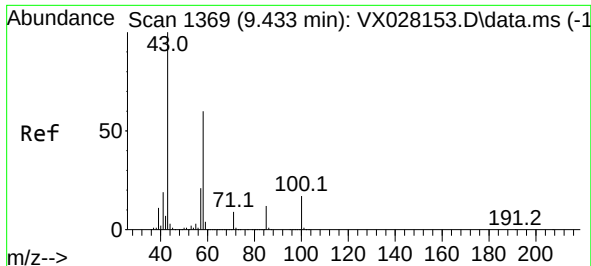
Tgt Ion: 75 Resp: 63701  
 Ion Ratio Lower Upper  
 75 100  
 77 0.4 24.8 37.2#  
 39 27.3 29.6 44.4#



#57  
 1,3-Dichloropropane  
 Concen: 4.295 ug/l  
 RT: 9.482 min Scan# 1377  
 Delta R.T. 0.171 min  
 Lab File: VX028171.D  
 Acq: 19 Apr 2022 20:06

Tgt Ion: 76 Resp: 39052  
 Ion Ratio Lower Upper  
 76 100  
 78 0.8 25.8 38.8#

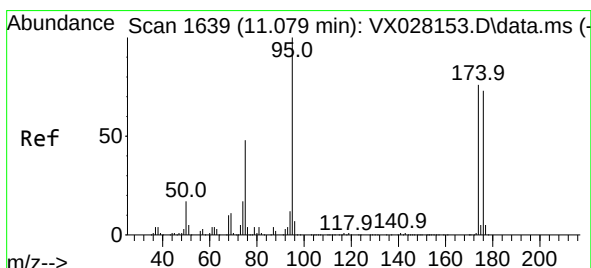
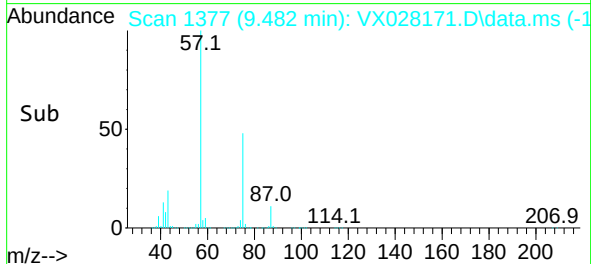
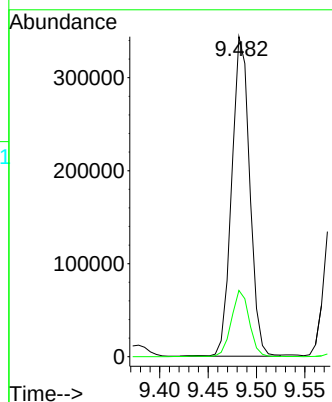
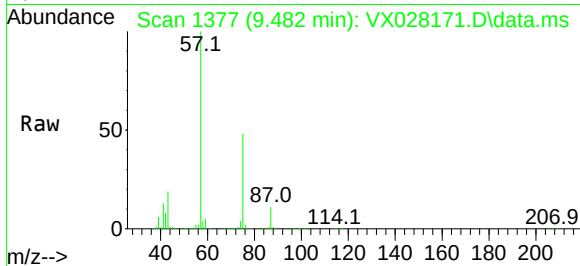




#59  
2-Hexanone  
Concen: 79.451 ug/l  
RT: 9.482 min Scan# 1377  
Delta R.T. 0.049 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

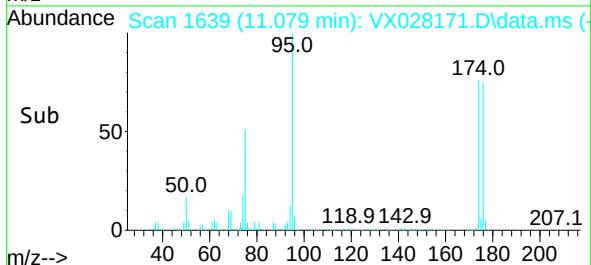
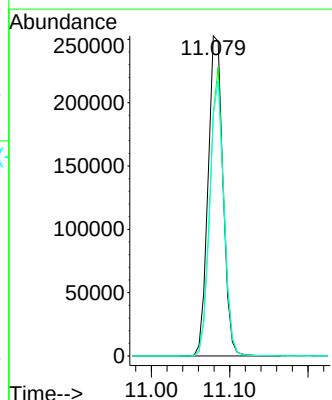
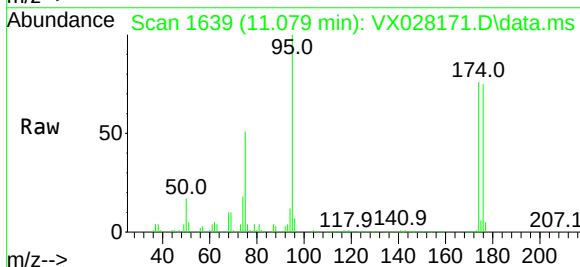
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144164ZHE#01

Tgt Ion: 43 Resp: 444619  
Ion Ratio Lower Upper  
43 100  
58 20.6 31.9 95.7#

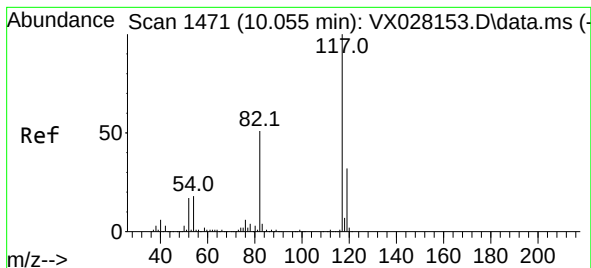


#62  
4-Bromofluorobenzene  
Concen: 43.408 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

Tgt Ion: 95 Resp: 333162  
Ion Ratio Lower Upper  
95 100  
174 84.2 0.0 163.0  
176 81.5 0.0 155.0







#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX028171.D

Acq: 19 Apr 2022 20:06

Instrument :

MSVOA\_X

ClientSampleId :

PB144164ZHE#01

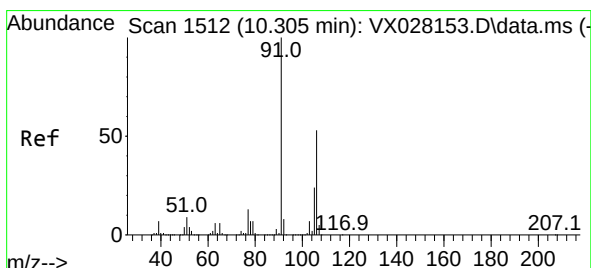
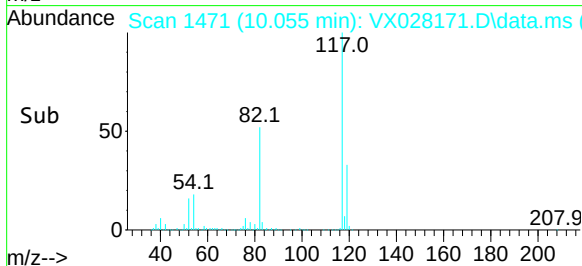
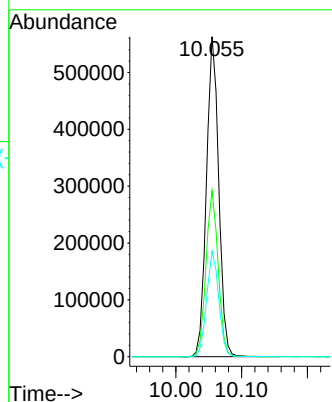
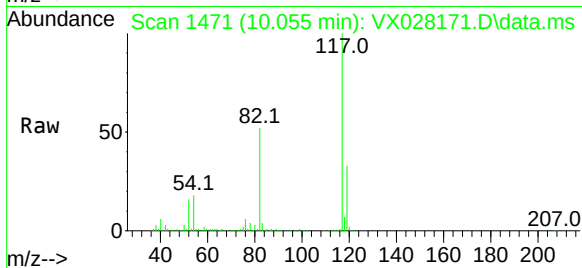
Tgt Ion:117 Resp: 731788

Ion Ratio Lower Upper

117 100

82 51.9 41.8 62.8

119 33.0 24.8 37.2



#68

m/p-Xylenes

Concen: 0.203 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028171.D

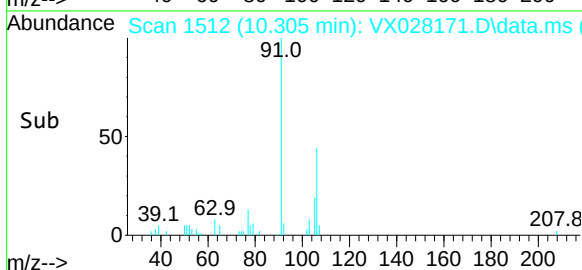
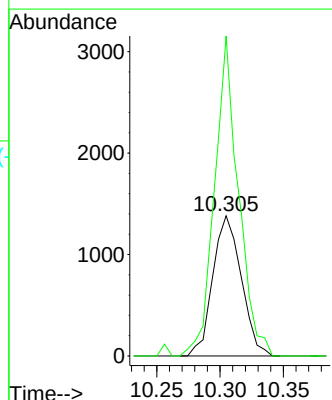
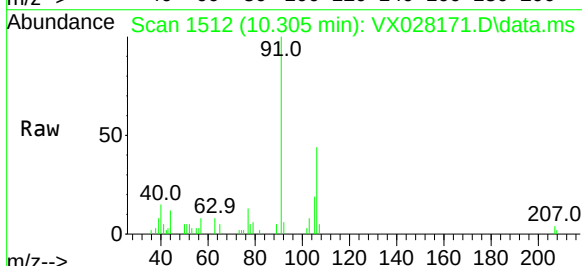
Acq: 19 Apr 2022 20:06

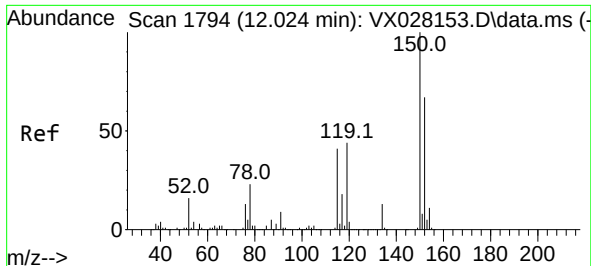
Tgt Ion:106 Resp: 2161

Ion Ratio Lower Upper

106 100

91 192.0 160.4 240.6

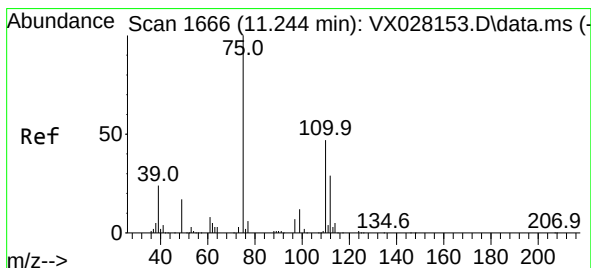
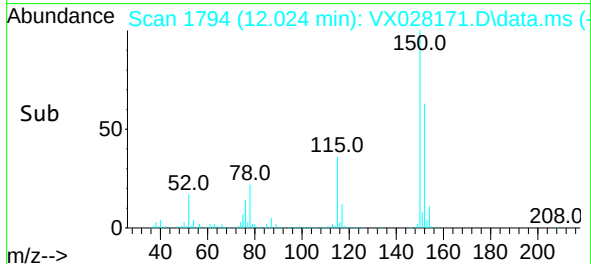
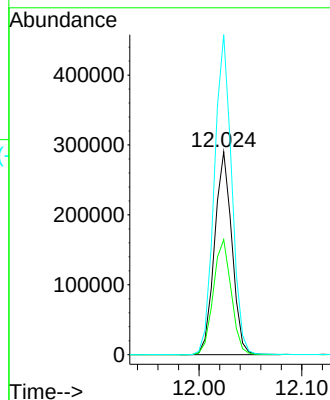
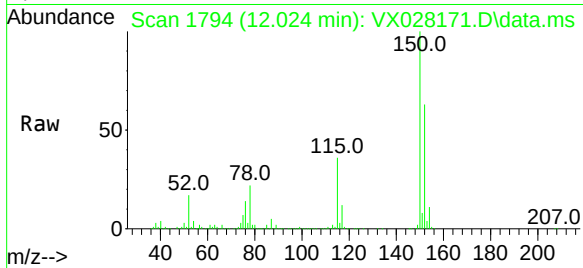




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX028171.D  
 Acq: 19 Apr 2022 20:06

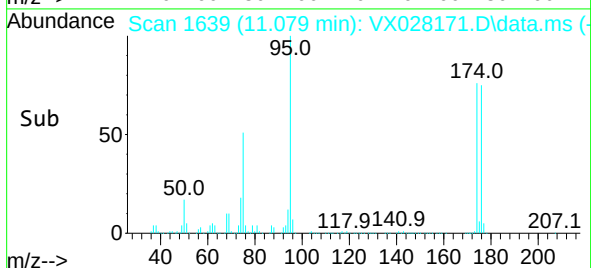
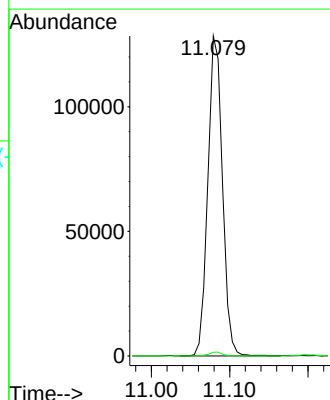
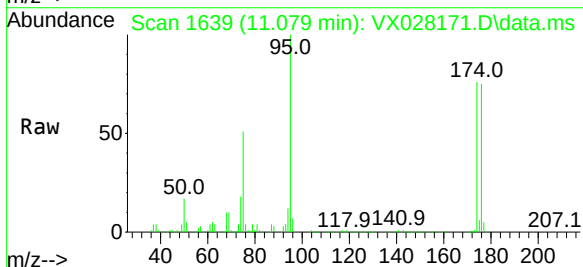
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB144164ZHE#01

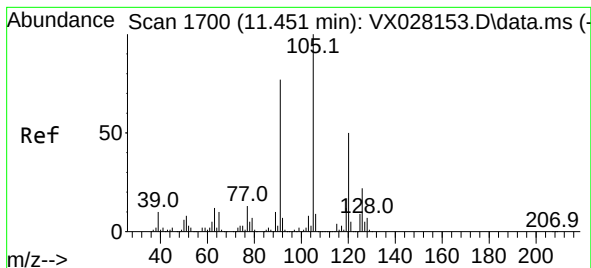
Tgt Ion:152 Resp: 340712  
 Ion Ratio Lower Upper  
 152 100  
 115 58.6 37.5 112.7  
 150 157.9 0.0 338.2



#76  
 1,2,3-Trichloropropane  
 Concen: 24.700 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.165 min  
 Lab File: VX028171.D  
 Acq: 19 Apr 2022 20:06

Tgt Ion: 75 Resp: 165623  
 Ion Ratio Lower Upper  
 75 100  
 77 1.1 19.4 58.2#





#80

1,3,5-Trimethylbenzene

Concen: 0.496 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX028171.D

Acq: 19 Apr 2022 20:06

Instrument :

MSVOA\_X

ClientSampleId :

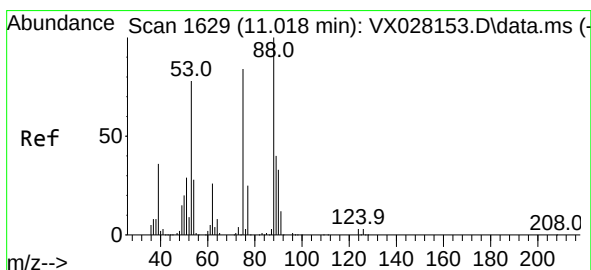
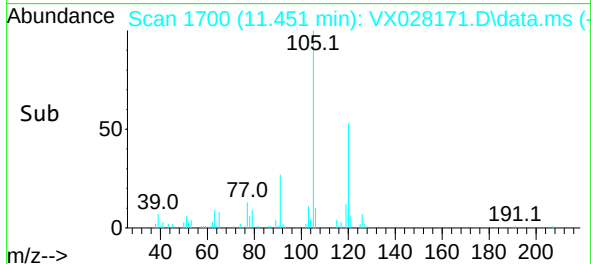
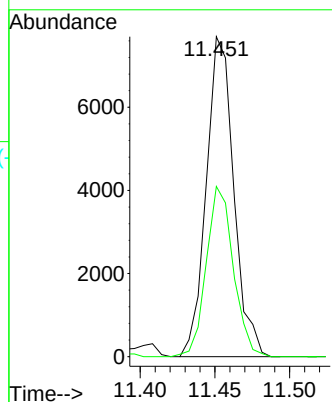
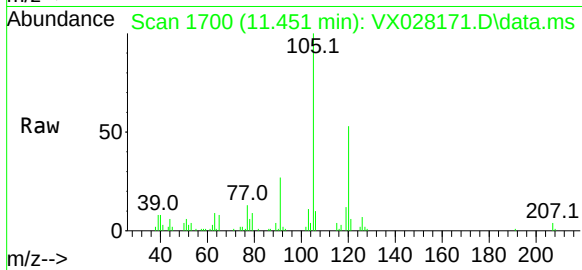
PB144164ZHE#01

Tgt Ion:105 Resp: 9858

Ion Ratio Lower Upper

105 100

120 52.2 24.3 72.9



#81

trans-1,4-Dichloro-2-butene

Concen: 73.401 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX028171.D

Acq: 19 Apr 2022 20:06

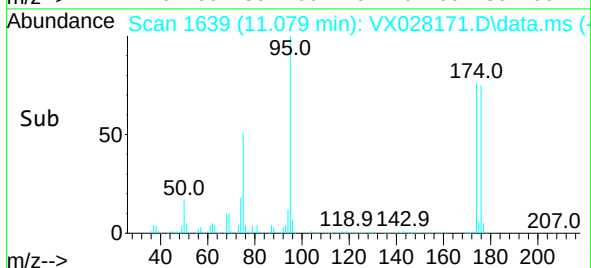
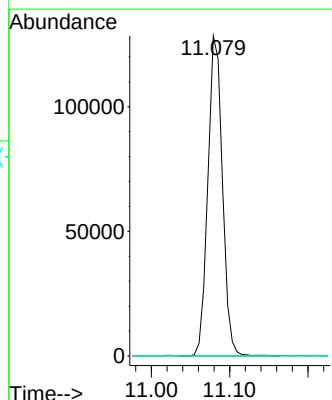
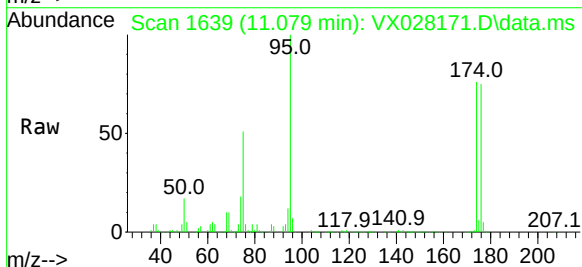
Tgt Ion: 75 Resp: 165623

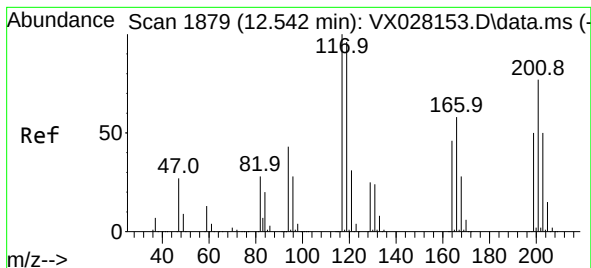
Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#





#90

Hexachloroethane

Concen: 1.906 ug/l

RT: 12.536 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX028171.D

Acq: 19 Apr 2022 20:06

Instrument :

MSVOA\_X

ClientSampleId :

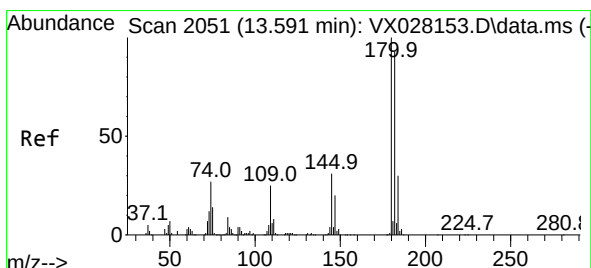
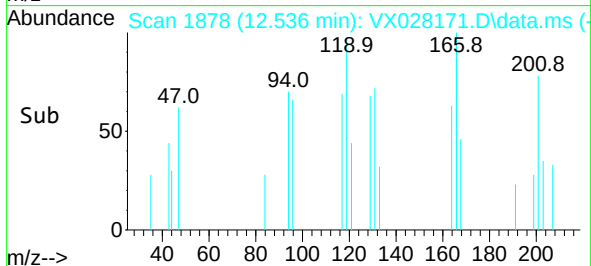
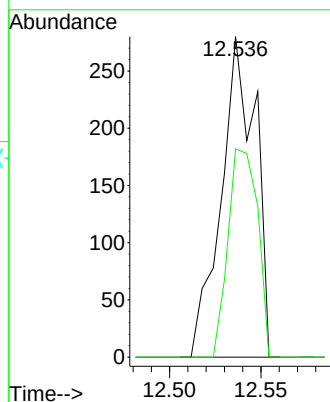
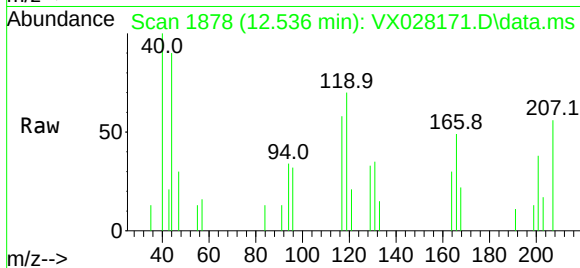
PB144164ZHE#01

Tgt Ion:117 Resp: 366

Ion Ratio Lower Upper

117 100

201 56.0 39.5 118.5



#93

1,2,4-Trichlorobenzene

Concen: 0.355 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX028171.D

Acq: 19 Apr 2022 20:06

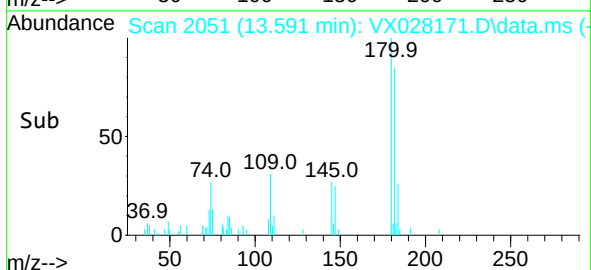
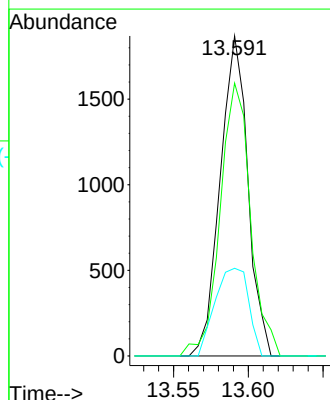
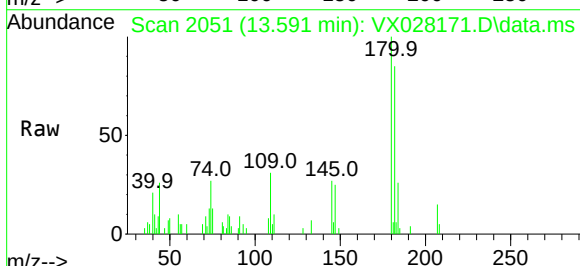
Tgt Ion:180 Resp: 2403

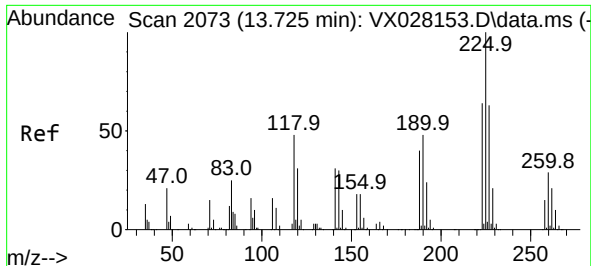
Ion Ratio Lower Upper

180 100

182 93.2 47.7 143.1

145 33.3 15.2 45.5

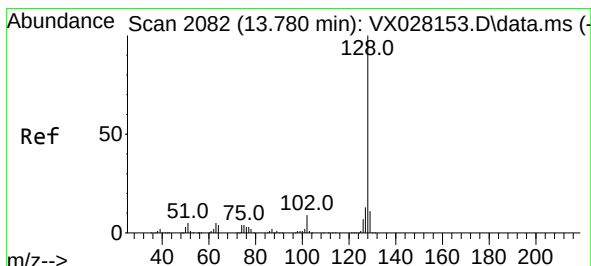
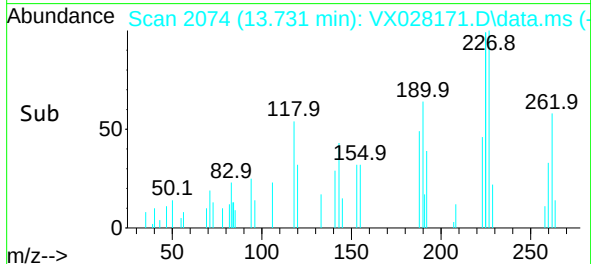
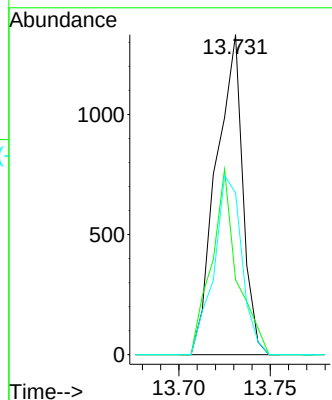
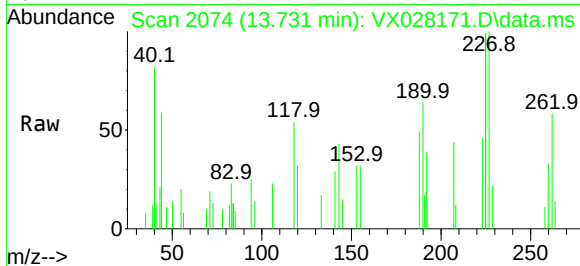




#94  
Hexachlorobutadiene  
Concen: 0.445 ug/l  
RT: 13.731 min Scan# 2073  
Delta R.T. 0.006 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

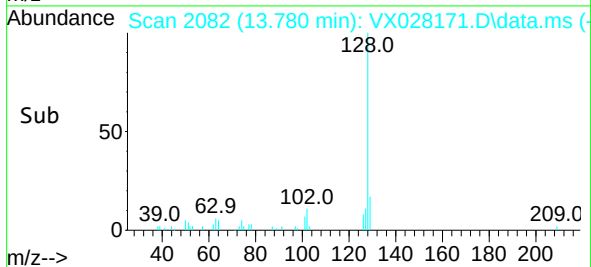
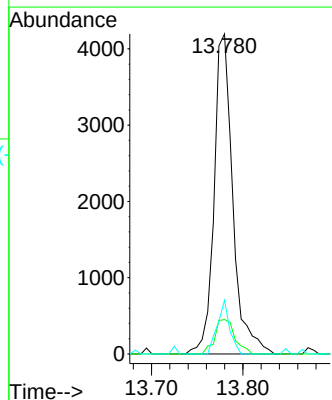
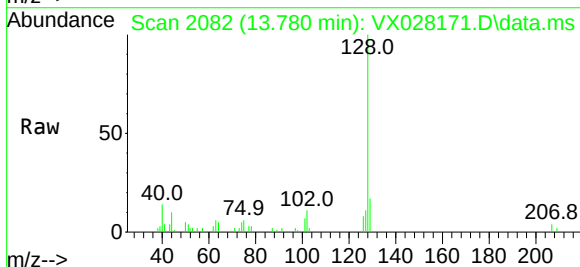
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144164ZHE#01

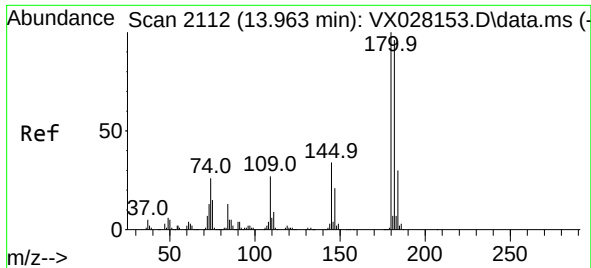
Tgt Ion:225 Resp: 1346  
Ion Ratio Lower Upper  
225 100  
223 55.9 34.2 102.5  
227 59.2 33.9 101.7



#95  
Naphthalene  
Concen: 0.265 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX028171.D  
Acq: 19 Apr 2022 20:06

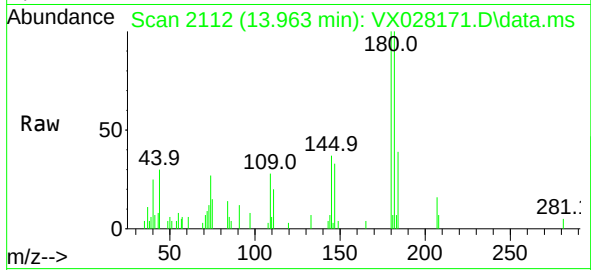
Tgt Ion:128 Resp: 5978  
Ion Ratio Lower Upper  
128 100  
127 11.5 10.2 15.4  
129 11.0 8.7 13.1





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.352 ug/l  
 RT: 13.963 min Scan# 2112  
 Delta R.T. -0.000 min  
 Lab File: VX028171.D  
 Acq: 19 Apr 2022 20:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB144164ZHE#01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2337  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 95.9  | 50.0  | 149.8 |
| 145      | 41.2  | 16.2  | 48.5  |

