

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042923\  
 Data File : VN077517.D  
 Acq On : 29 Apr 2023 14:27  
 Operator : JC\MD  
 Sample : PB152434ZHE#01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB152434ZHE#01

Quant Time: May 01 01:23:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042423W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 02:50:59 2023  
 Response via : Initial Calibration

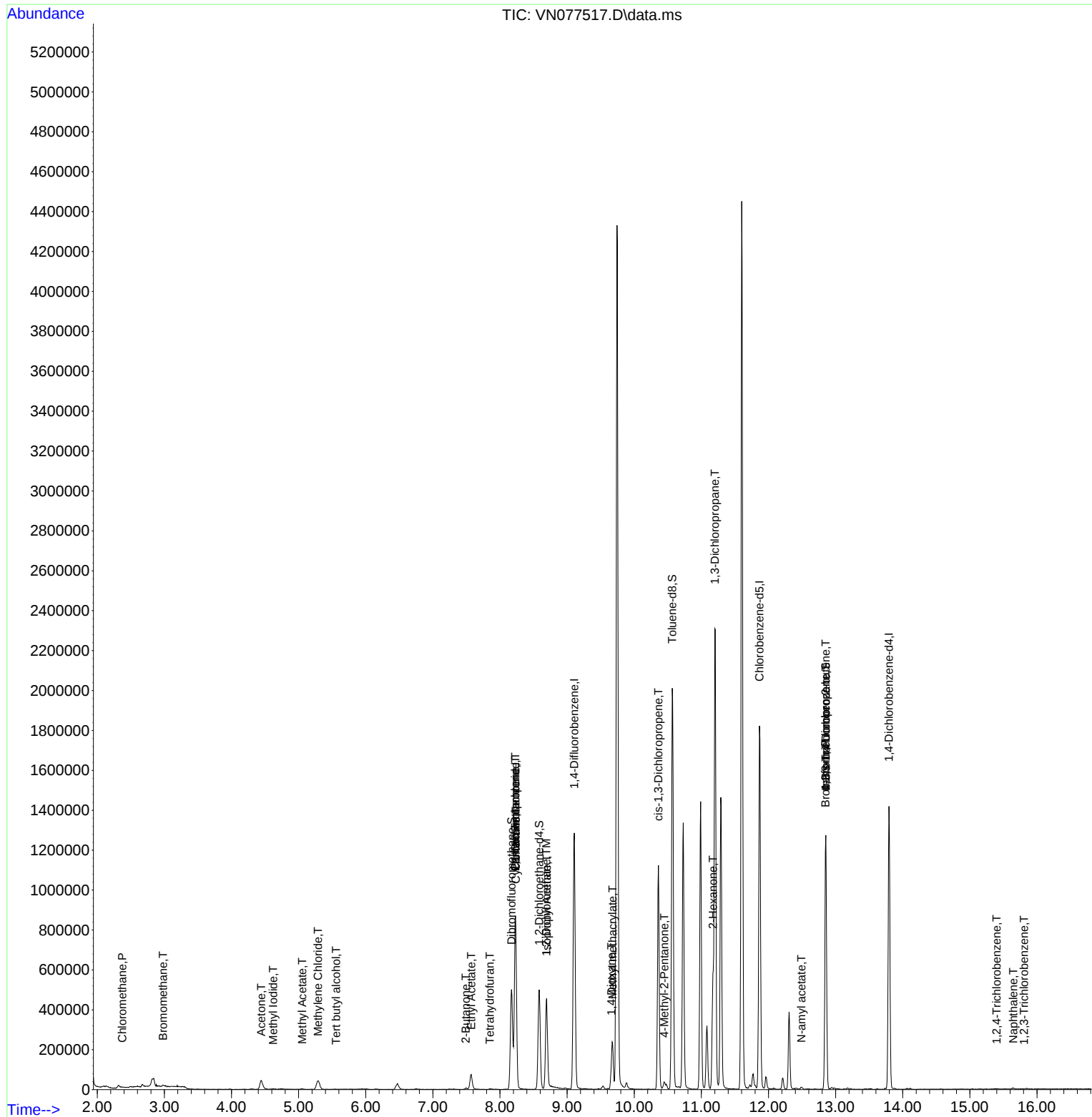
| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) Pentafluorobenzene         | 8.231          | 168  | 624064              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.107          | 114  | 1188744             | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.866         | 117  | 1113638             | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.795         | 152  | 382402              | 50.000 | ug/l   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.584          | 65   | 417592              | 51.280 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 102.560% |        |        |          |
| 35) Dibromofluoromethane      | 8.172          | 113  | 364162              | 50.968 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 101.940% |        |        |          |
| 50) Toluene-d8                | 10.566         | 98   | 1485614             | 54.253 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 108.500% |        |        |          |
| 62) 4-Bromofluorobenzene      | 12.854         | 95   | 478286              | 53.385 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 106.780% |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        |        | Qvalue   |
| 3) Chloromethane              | 2.372          | 50   | 2061                | 0.329  | ug/l # | 78       |
| 5) Bromomethane               | 2.978          | 94   | 3574                | 0.495  | ug/l # | 64       |
| 10) Methyl Iodide             | 4.619          | 142  | 3293                | 0.376  | ug/l # | 63       |
| 11) Tert butyl alcohol        | 5.560          | 59   | 1775                | 1.358  | ug/l # | 81       |
| 16) Acetone                   | 4.443          | 43   | 85705               | 33.082 | ug/l   | 99       |
| 18) Methyl Acetate            | 5.054          | 43   | 5461                | 0.546  | ug/l   | 100      |
| 20) Methylene Chloride        | 5.290          | 84   | 42009               | 5.113  | ug/l # | 95       |
| 25) 2-Butanone                | 7.490          | 43   | 9088                | 2.473  | ug/l # | 77       |
| 29) Tetrahydrofuran           | 7.848          | 42   | 1679                | 0.729  | ug/l # | 41       |
| 31) Cyclohexane               | 8.237          | 56   | 14904               | 1.292  | ug/l # | 40       |
| 36) 1,1-Dichloropropene       | 8.231          | 75   | 55532               | 5.380  | ug/l # | 48       |
| 37) Ethyl Acetate             | 7.572          | 43   | 104129              | 13.275 | ug/l   | 99       |
| 38) Carbon Tetrachloride      | 8.231          | 117  | 69769               | 6.126  | ug/l # | 16       |
| 42) 1,2-Dichloroethane        | 8.689          | 62   | 3410                | 0.316  | ug/l # | 73       |
| 43) Isopropyl Acetate         | 8.695          | 43   | 488146              | 35.973 | ug/l # | 90       |
| 48) Methyl methacrylate       | 9.678          | 41   | 11181               | 1.810  | ug/l # | 35       |
| 49) 1,4-Dioxane               | 9.660          | 88   | 238                 | 1.536  | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 10.448         | 43   | 23324               | 2.930  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.360         | 75   | 236742              | 18.579 | ug/l # | 61       |
| 57) 1,3-Dichloropropane       | 11.201         | 76   | 28625               | 2.169  | ug/l # | 42       |
| 59) 2-Hexanone                | 11.172         | 43   | 399592              | 69.068 | ug/l # | 19       |
| 71) Bromoform                 | 12.848         | 173  | 2159                | 0.385  | ug/l # | 28       |
| 74) N-amyl acetate            | 12.489         | 43   | 5117                | 0.487  | ug/l # | 56       |
| 76) 1,2,3-Trichloropropane    | 12.854         | 75   | 254863              | 28.661 | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.854         | 75   | 254863              | 80.972 | ug/l # | 15       |
| 93) 1,2,4-Trichlorobenzene    | 15.401         | 180  | 1135                | 1.206  | ug/l   | 61       |
| 95) Naphthalene               | 15.648         | 128  | 5231                | 1.649  | ug/l # | 81       |
| 96) 1,2,3-Trichlorobenzene    | 15.807         | 180  | 59                  | 0.496  | ug/l # | 13       |
| -----                         |                |      |                     |        |        |          |

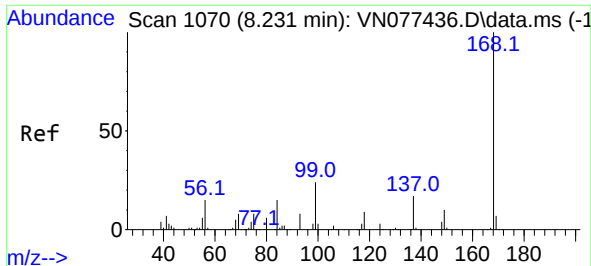
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042923\  
Data File : VN077517.D  
Acq On : 29 Apr 2023 14:27  
Operator : JC\MD  
Sample : PB152434ZHE#01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

Quant Time: May 01 01:23:32 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042423W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 25 02:50:59 2023  
Response via : Initial Calibration

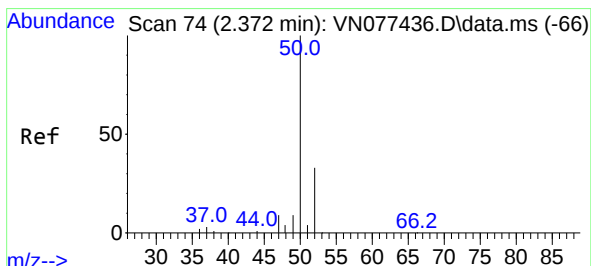
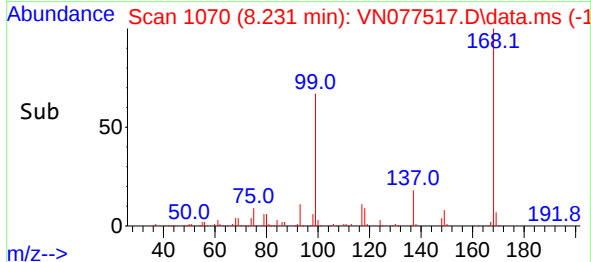
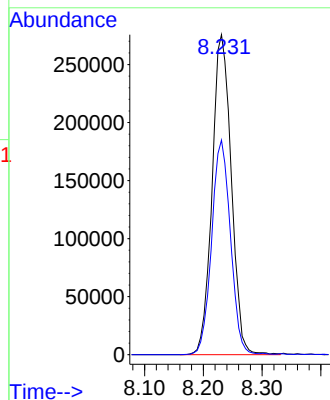
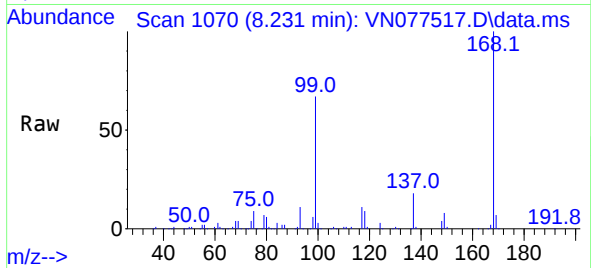




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.231 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

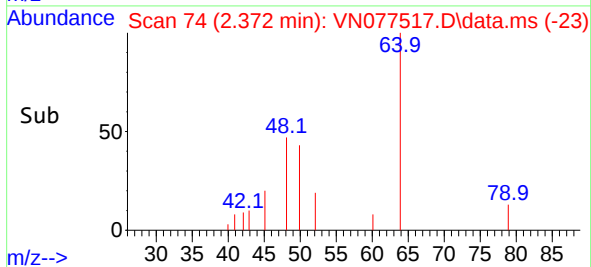
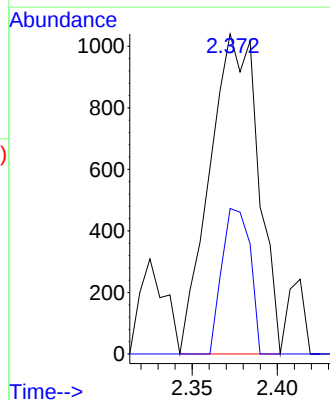
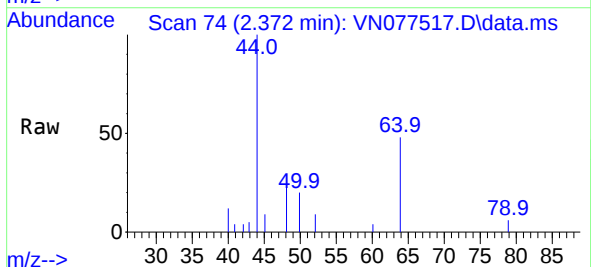
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

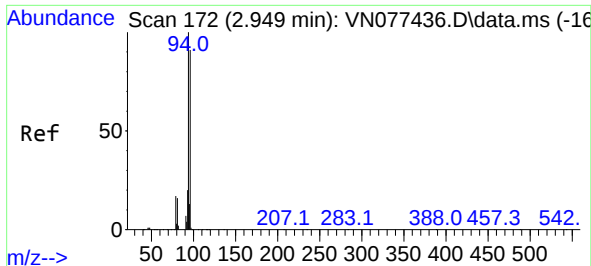
Tgt Ion:168 Resp: 624064  
Ion Ratio Lower Upper  
168 100  
99 67.0 53.0 79.6



#3  
Chloromethane  
Concen: 0.329 ug/l  
RT: 2.372 min Scan# 74  
Delta R.T. 0.000 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion: 50 Resp: 2061  
Ion Ratio Lower Upper  
50 100  
52 45.5 26.5 39.7#

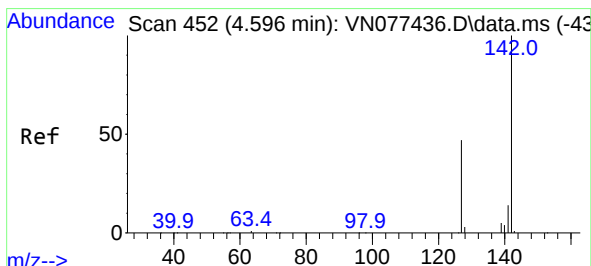
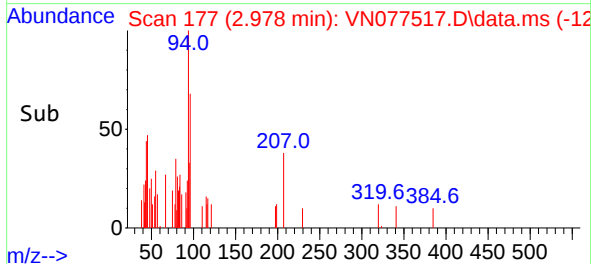
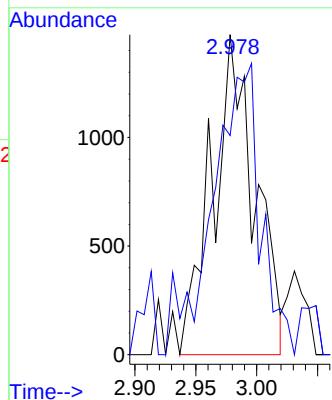
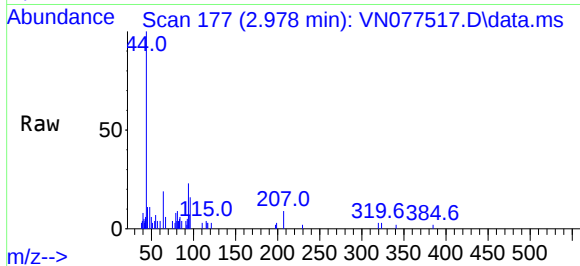




#5  
Bromomethane  
Concen: 0.495 ug/l  
RT: 2.978 min Scan# 11  
Delta R.T. 0.029 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

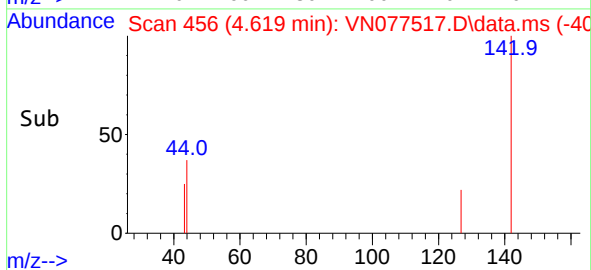
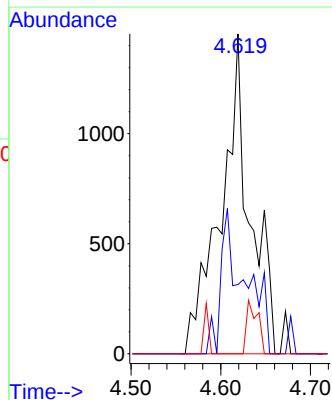
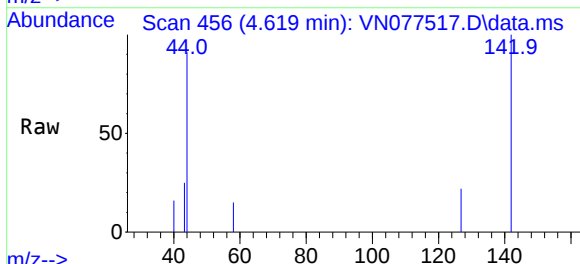
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

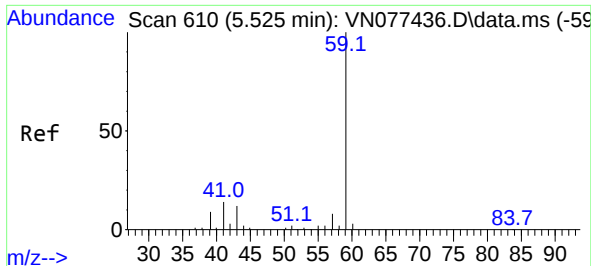
Tgt Ion: 94 Resp: 3574  
Ion Ratio Lower Upper  
94 100  
96 57.2 73.1 109.7#



#10  
Methyl Iodide  
Concen: 0.376 ug/l  
RT: 4.619 min Scan# 456  
Delta R.T. 0.024 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion: 142 Resp: 3293  
Ion Ratio Lower Upper  
142 100  
127 21.7 37.6 56.4#  
141 0.0 11.4 17.0#

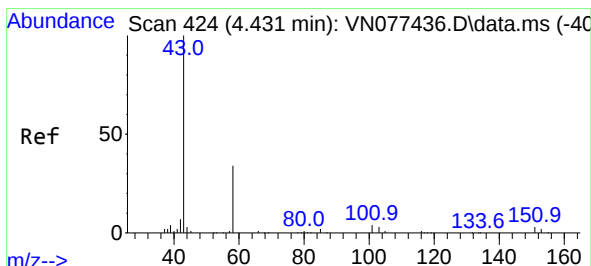
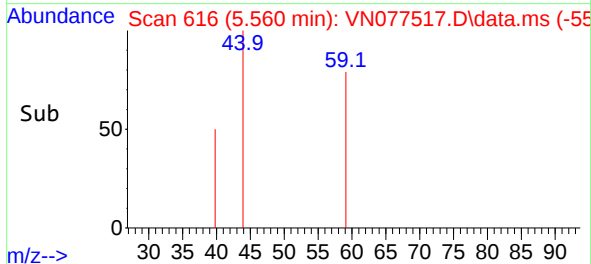
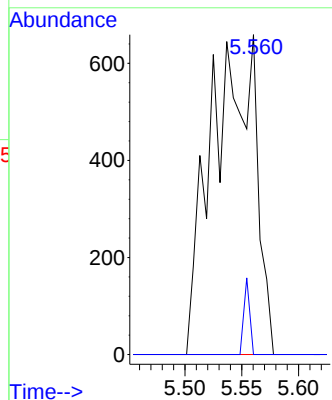
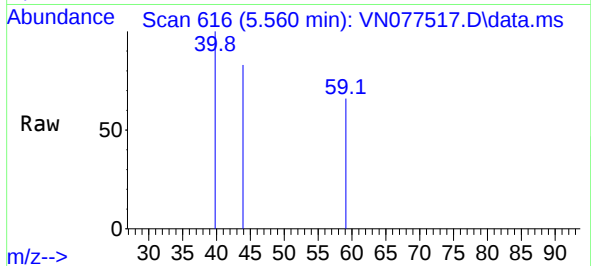




#11  
Tert butyl alcohol  
Concen: 1.358 ug/l  
RT: 5.560 min Scan# 611  
Delta R.T. 0.035 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

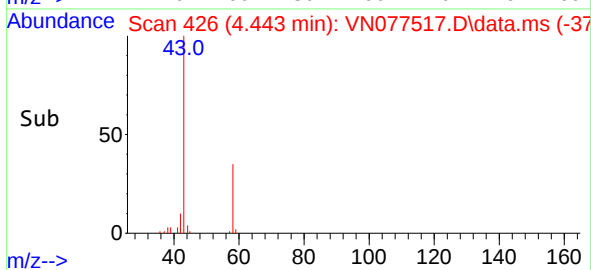
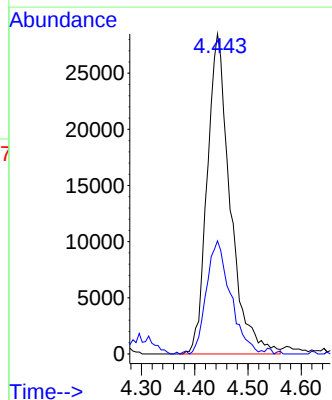
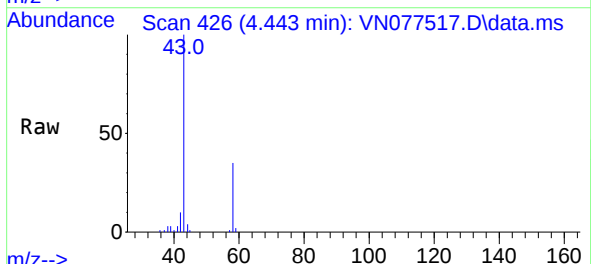
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

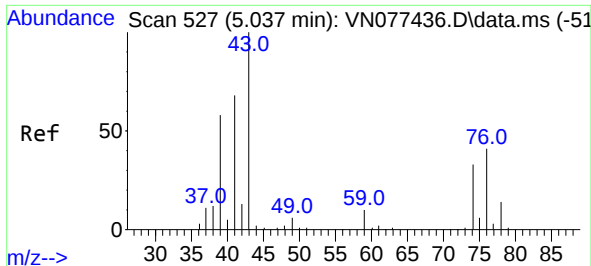
Tgt Ion: 59 Resp: 1775  
Ion Ratio Lower Upper  
59 100  
57 3.2 8.2 12.4#



#16  
Acetone  
Concen: 33.082 ug/l  
RT: 4.443 min Scan# 426  
Delta R.T. 0.012 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion: 43 Resp: 85705  
Ion Ratio Lower Upper  
43 100  
58 35.4 28.0 42.0

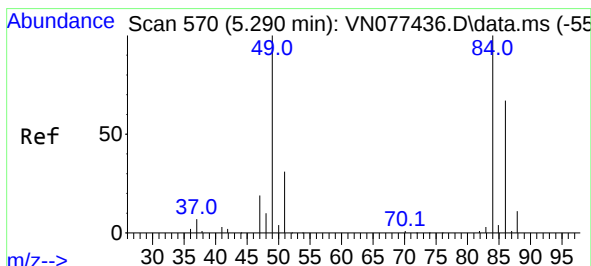
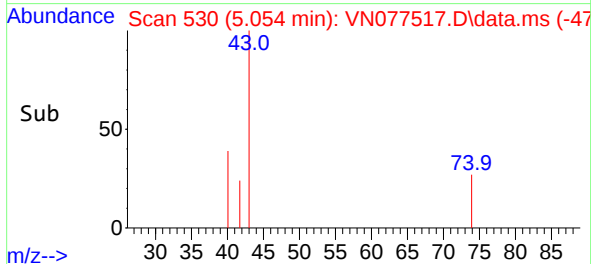
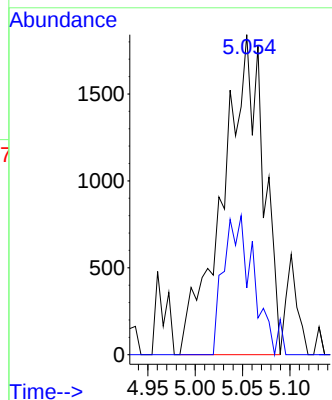
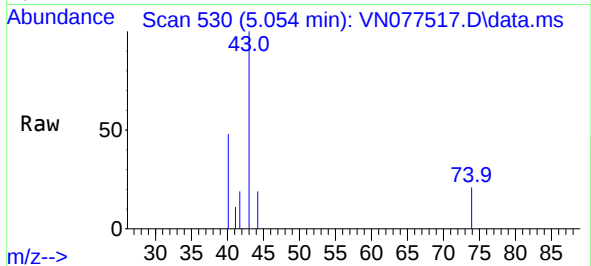




#18  
Methyl Acetate  
Concen: 0.546 ug/l  
RT: 5.054 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

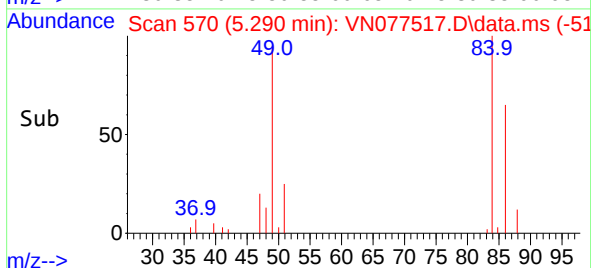
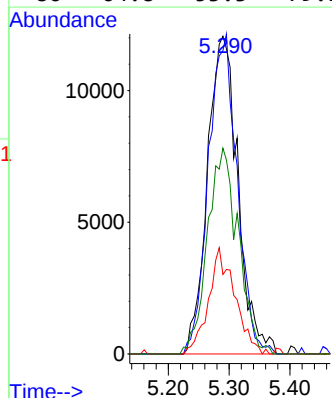
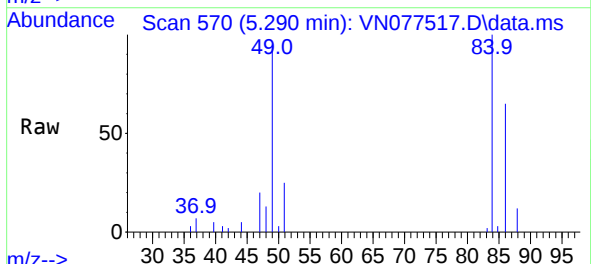
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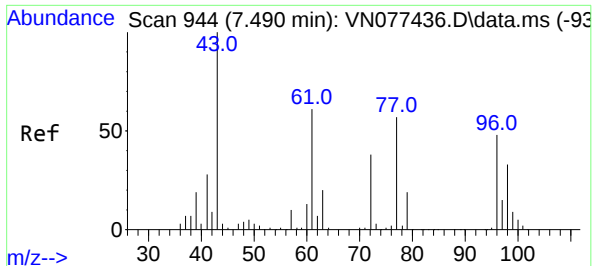
Tgt Ion: 43 Resp: 5461  
Ion Ratio Lower Upper  
43 100  
74 32.7 26.2 39.4



#20  
Methylene Chloride  
Concen: 5.113 ug/l  
RT: 5.290 min Scan# 570  
Delta R.T. 0.000 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion: 84 Resp: 42009  
Ion Ratio Lower Upper  
84 100  
49 95.5 79.7 119.5  
51 25.0 25.2 37.8#  
86 64.8 53.3 79.9





#25

2-Butanone

Concen: 2.473 ug/l

RT: 7.490 min Scan# 944

Delta R.T. 0.000 min

Lab File: VN077517.D

Acq: 29 Apr 2023 14:27

Instrument :

MSVOA\_N

ClientSampleId :

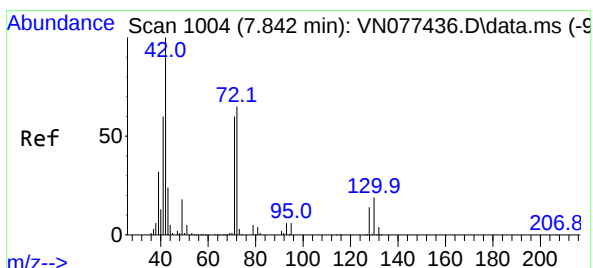
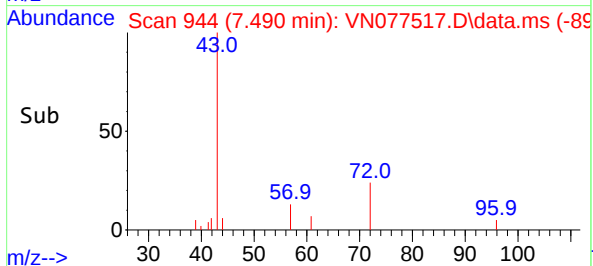
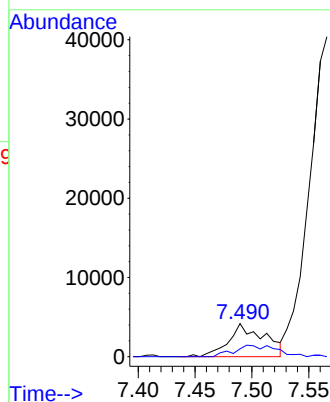
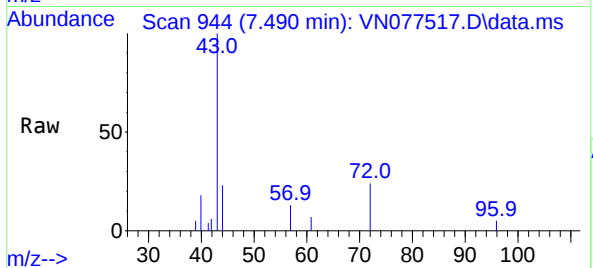
PB152434ZHE#01

Tgt Ion: 43 Resp: 9088

Ion Ratio Lower Upper

43 100

72 23.7 30.2 45.2#



#29

Tetrahydrofuran

Concen: 0.729 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077517.D

Acq: 29 Apr 2023 14:27

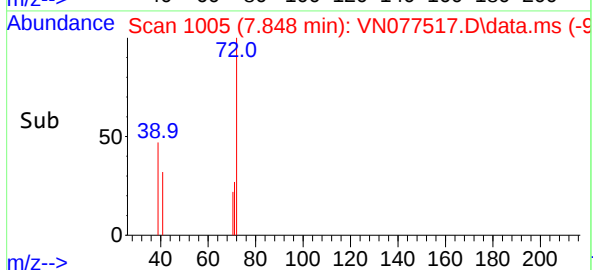
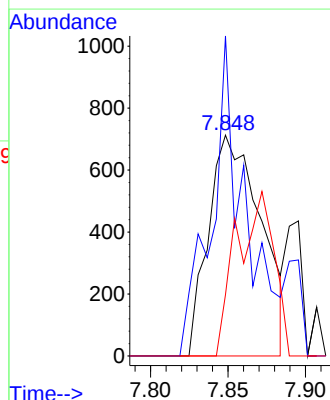
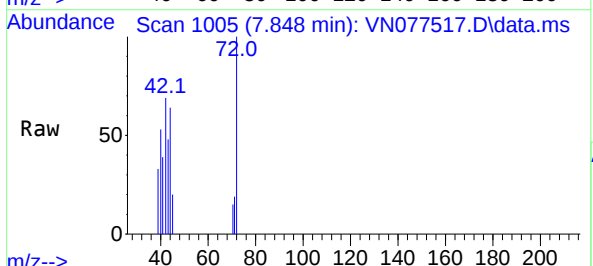
Tgt Ion: 42 Resp: 1679

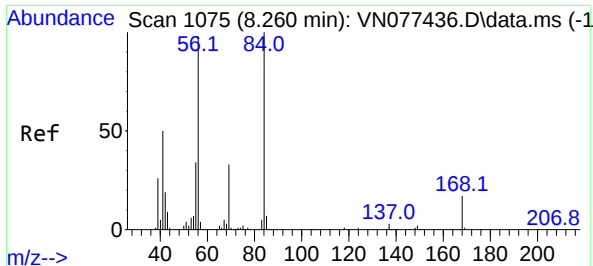
Ion Ratio Lower Upper

42 100

72 92.6 49.8 74.6#

71 0.0 47.4 71.2#

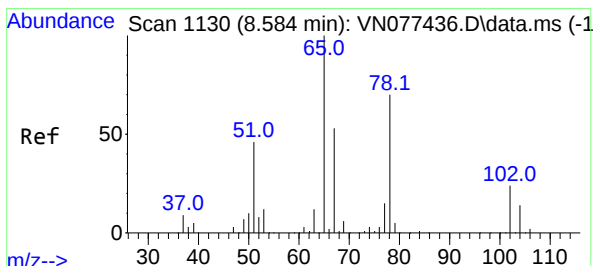
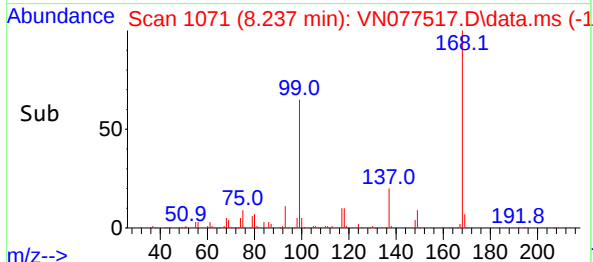
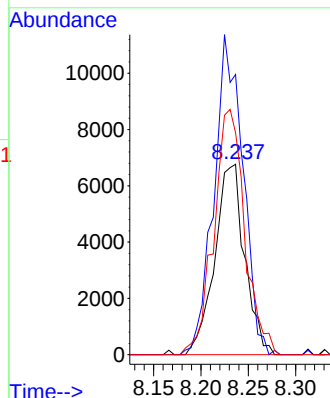
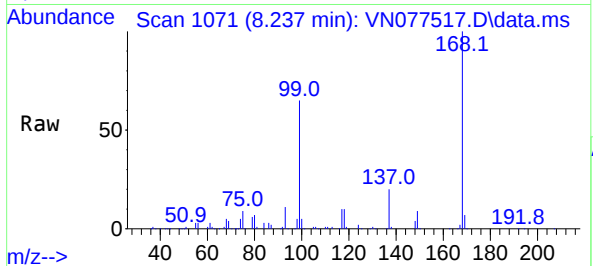




#31  
Cyclohexane  
Concen: 1.292 ug/l  
RT: 8.237 min Scan# 1075  
Delta R.T. -0.024 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

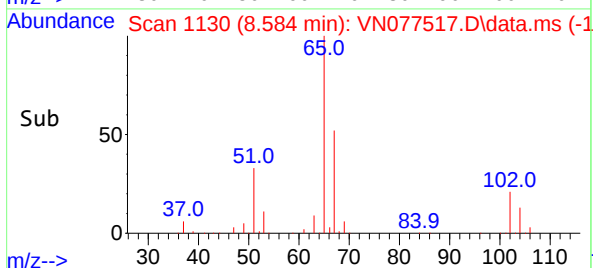
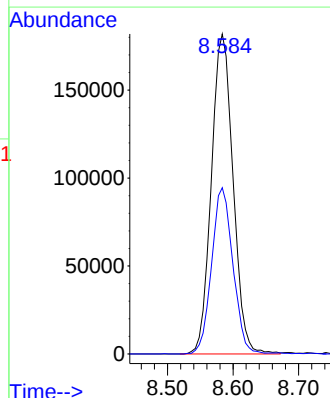
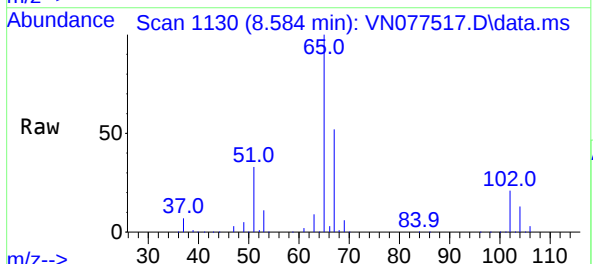
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MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

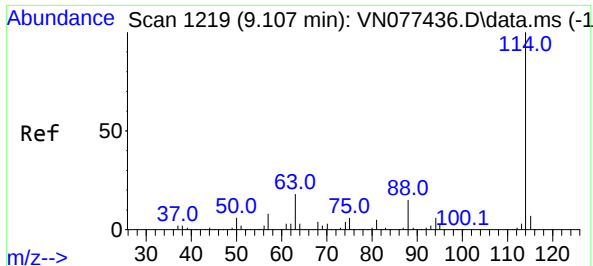
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Ion Ratio Lower Upper  
56 100  
69 147.2 26.8 40.2#  
84 116.6 81.8 122.6



#33  
1,2-Dichloroethane-d4  
Concen: 51.280 ug/l  
RT: 8.584 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion: 65 Resp: 417592  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 106.6

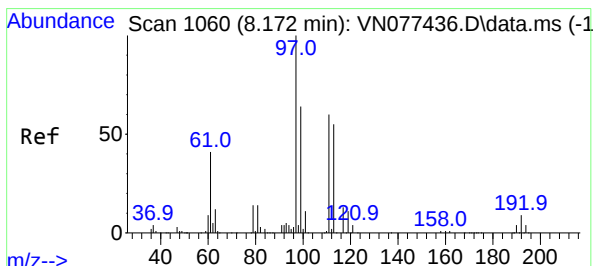
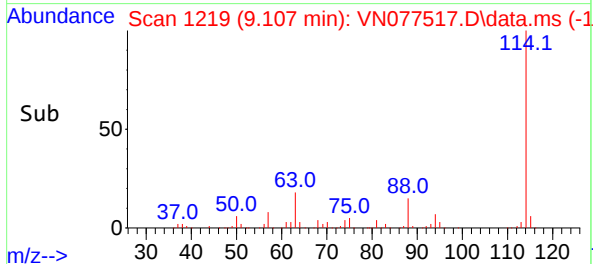
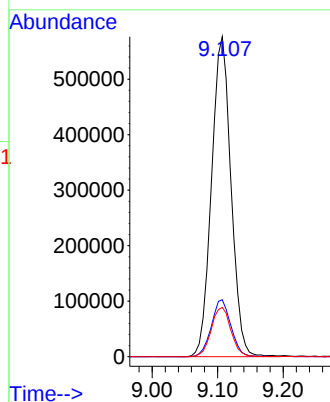
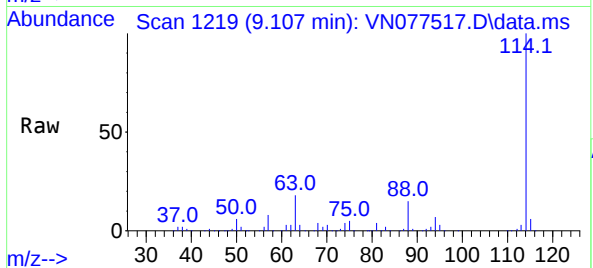




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.107 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

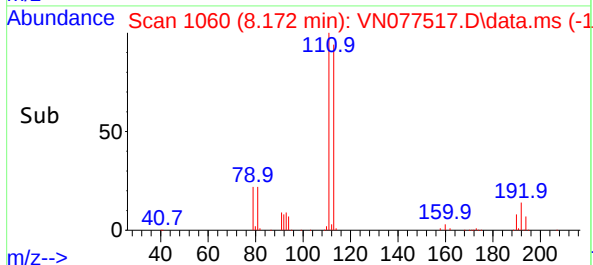
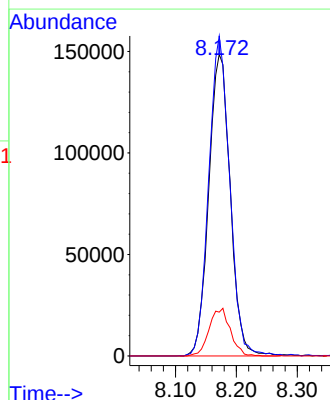
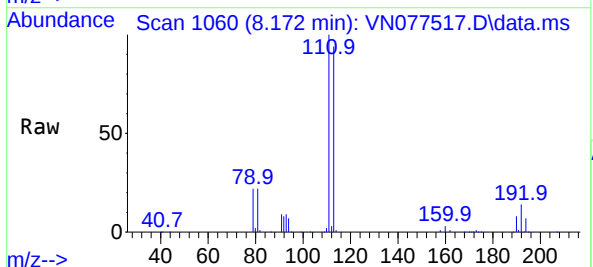
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

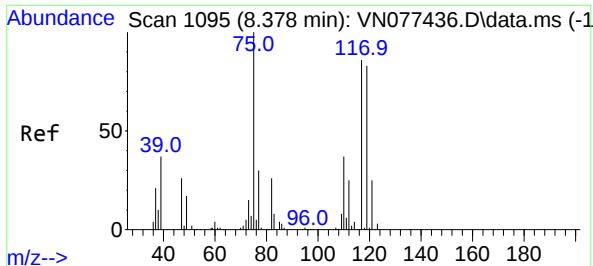
Tgt Ion:114 Resp: 1188744  
Ion Ratio Lower Upper  
114 100  
63 17.8 0.0 36.4  
88 15.4 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 50.968 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion:113 Resp: 364162  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.6 123.8  
192 15.6 12.7 19.1

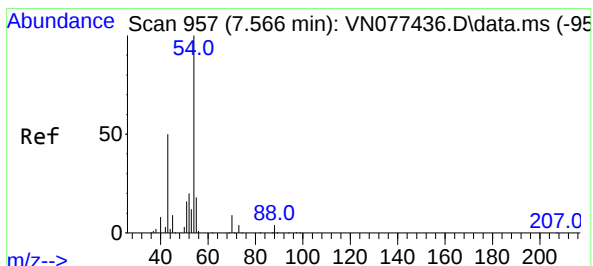
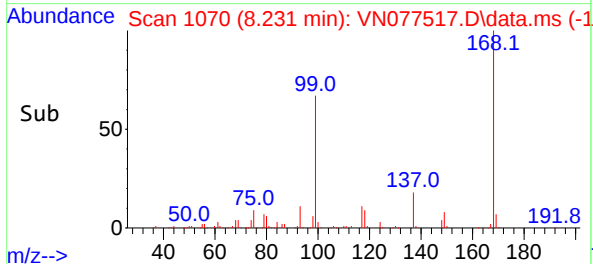
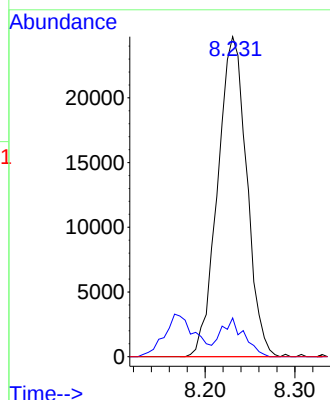
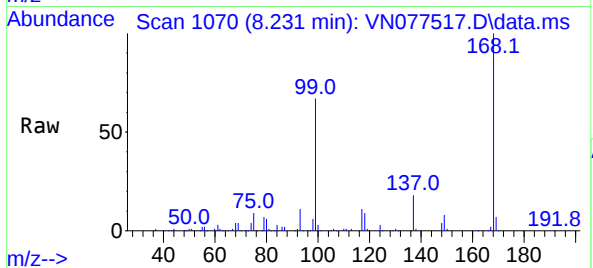




#36  
1,1-Dichloropropene  
Concen: 5.380 ug/l  
RT: 8.231 min Scan# 1070  
Delta R.T. -0.147 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

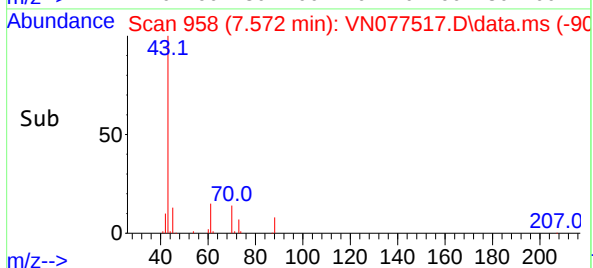
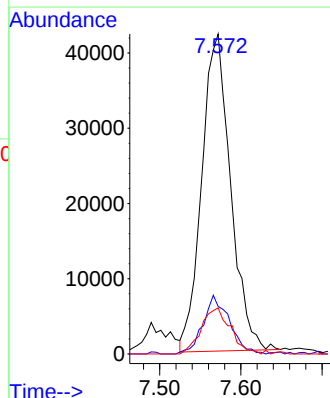
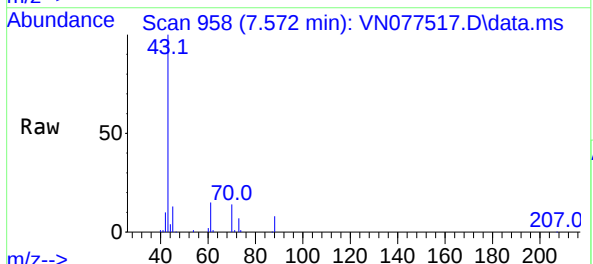
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

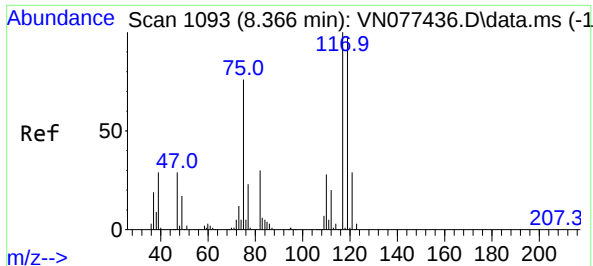
Tgt Ion: 75 Resp: 55532  
Ion Ratio Lower Upper  
75 100  
110 9.6 19.1 57.3#  
77 0.0 25.0 37.4#



#37  
Ethyl Acetate  
Concen: 13.275 ug/l  
RT: 7.572 min Scan# 958  
Delta R.T. 0.006 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion: 43 Resp: 104129  
Ion Ratio Lower Upper  
43 100  
61 16.9 13.2 19.8  
70 14.7 11.3 16.9

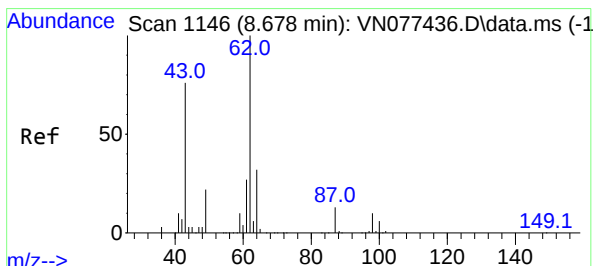
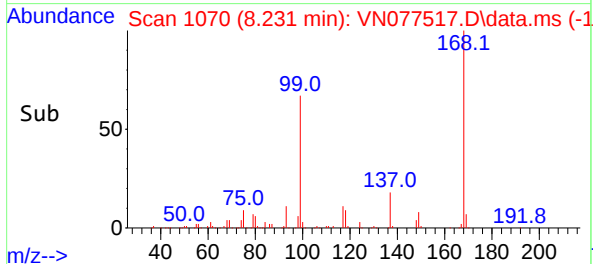
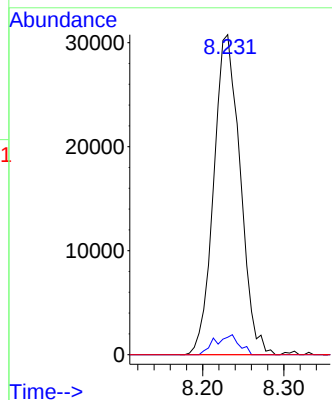
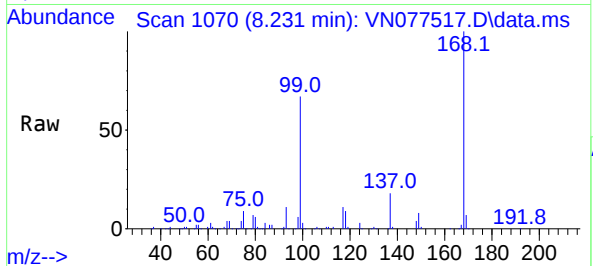




#38  
Carbon Tetrachloride  
Concen: 6.126 ug/l  
RT: 8.231 min Scan# 1093  
Delta R.T. -0.135 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

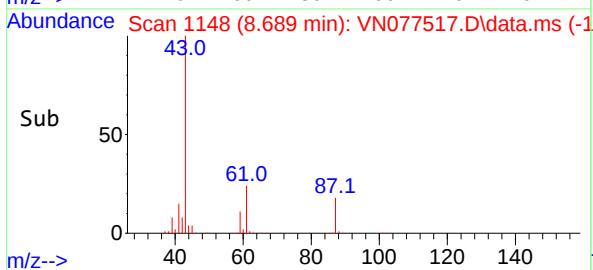
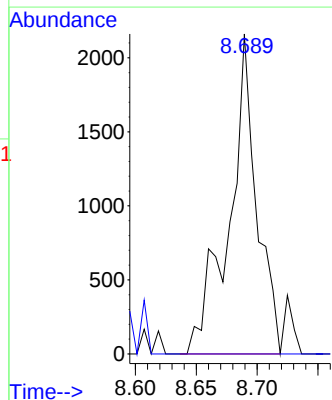
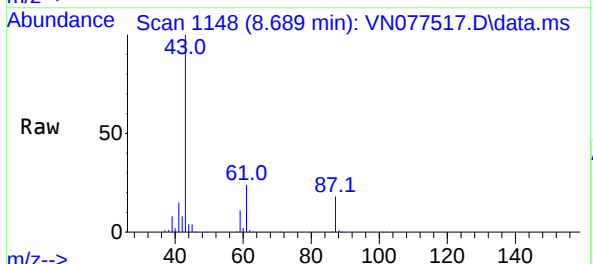
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

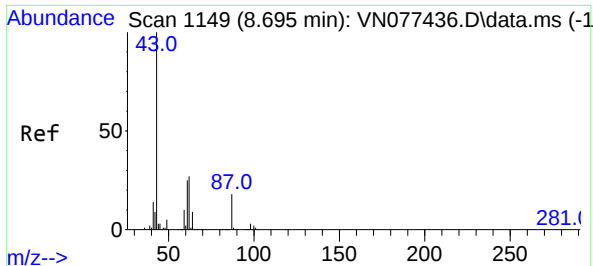
Tgt Ion:117 Resp: 69769  
Ion Ratio Lower Upper  
117 100  
119 5.5 77.3 115.9#  
121 0.0 23.3 34.9#



#42  
1,2-Dichloroethane  
Concen: 0.316 ug/l  
RT: 8.689 min Scan# 1148  
Delta R.T. 0.012 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion: 62 Resp: 3410  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 19.8

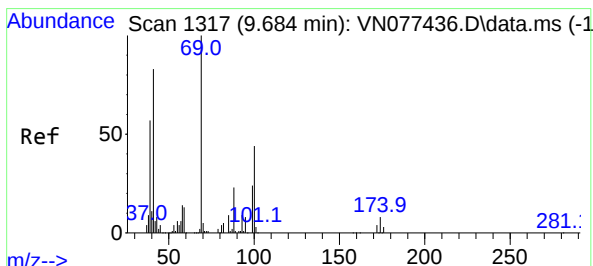
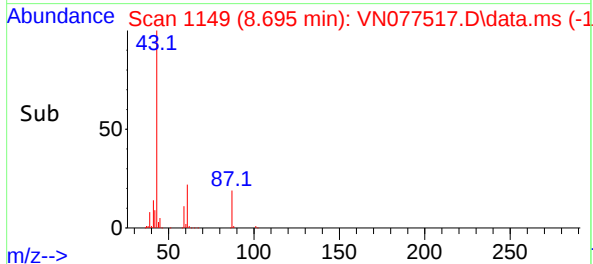
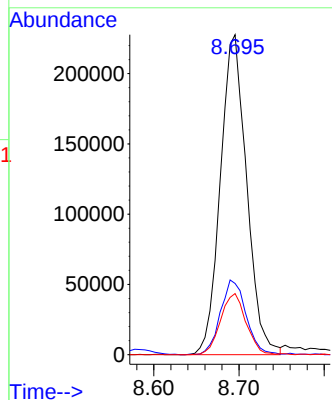
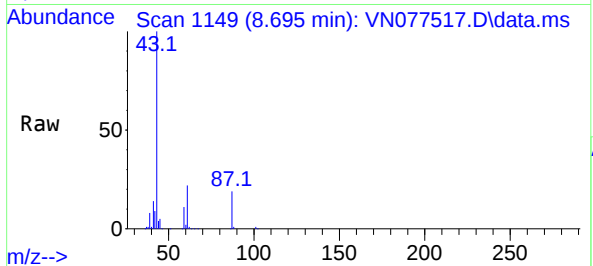




#43  
Isopropyl Acetate  
Concen: 35.973 ug/l  
RT: 8.695 min Scan# 1149  
Delta R.T. 0.000 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

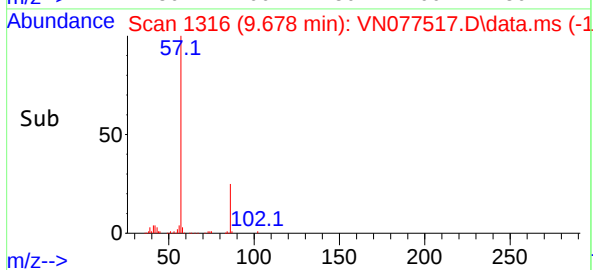
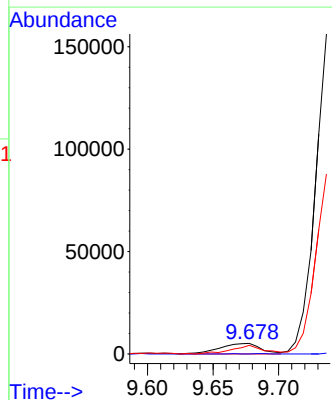
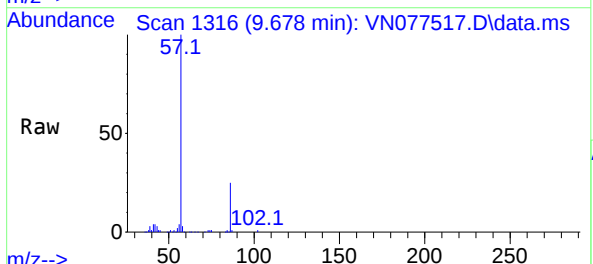
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

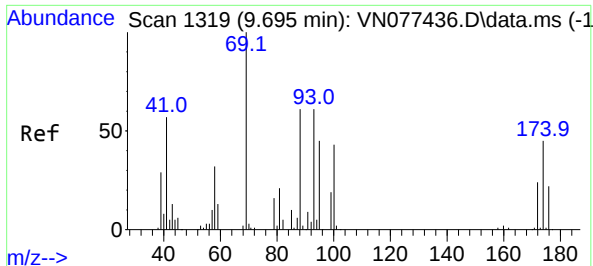
Tgt Ion: 43 Resp: 488146  
Ion Ratio Lower Upper  
43 100  
61 22.8 24.7 37.1#  
87 18.6 14.6 21.8



#48  
Methyl methacrylate  
Concen: 1.810 ug/l  
RT: 9.678 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion: 41 Resp: 11181  
Ion Ratio Lower Upper  
41 100  
69 1.1 90.4 135.6#  
39 67.5 54.6 81.8

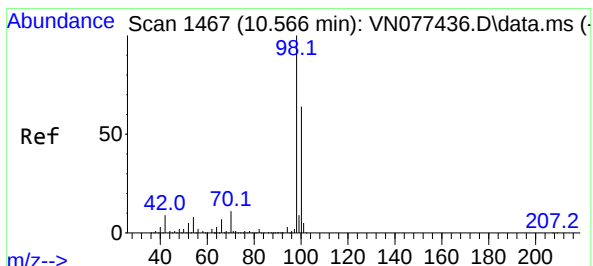
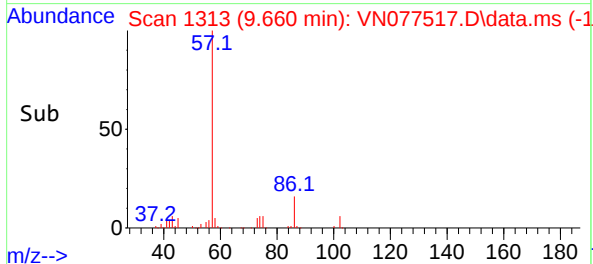
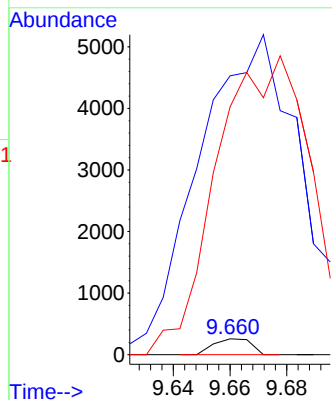
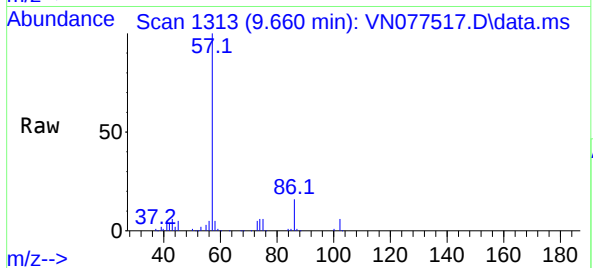




#49  
1,4-Dioxane  
Concen: 1.536 ug/l  
RT: 9.660 min Scan# 11  
Delta R.T. -0.035 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

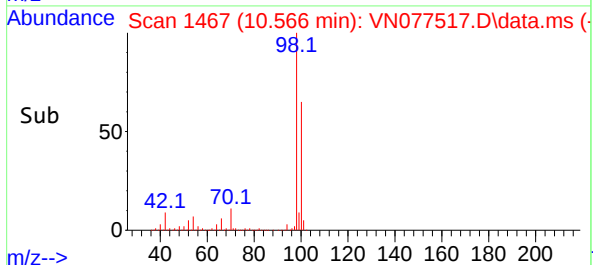
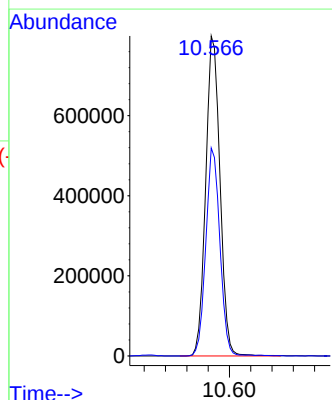
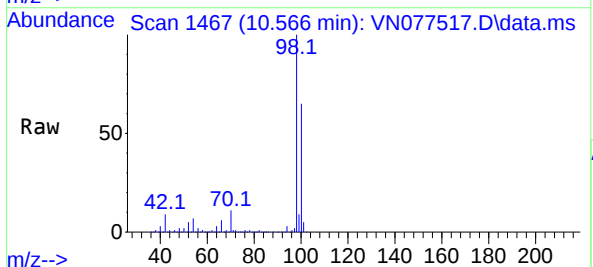
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

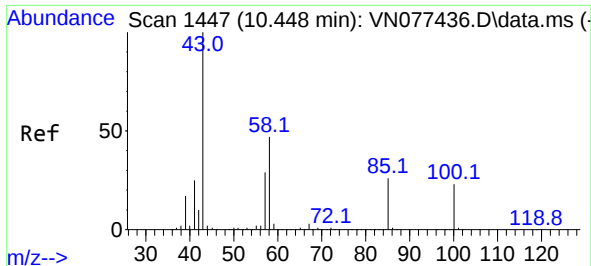
Tgt Ion: 88 Resp: 238  
Ion Ratio Lower Upper  
88 100  
43 0.0 17.0 25.6#  
58 4829.0 47.0 70.4#



#50  
Toluene-d8  
Concen: 54.253 ug/l  
RT: 10.566 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion: 98 Resp: 1485614  
Ion Ratio Lower Upper  
98 100  
100 63.9 52.0 78.0

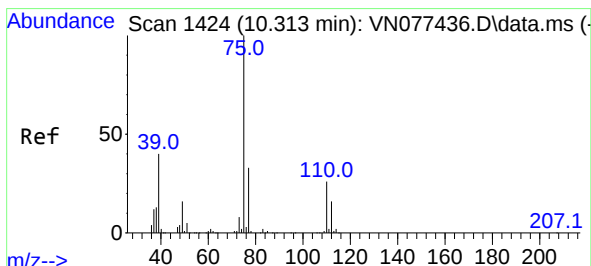
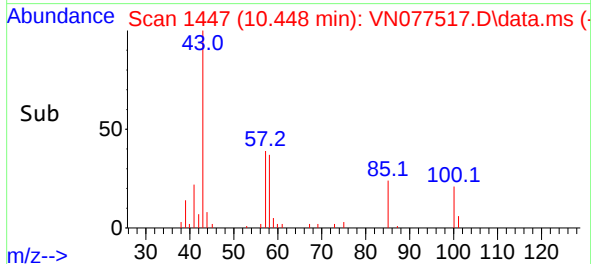
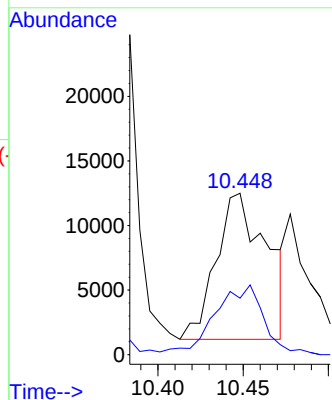
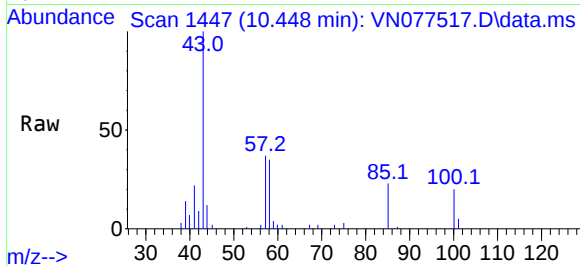




#51  
4-Methyl-2-Pentanone  
Concen: 2.930 ug/l  
RT: 10.448 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

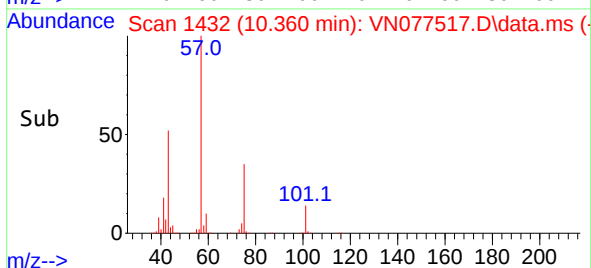
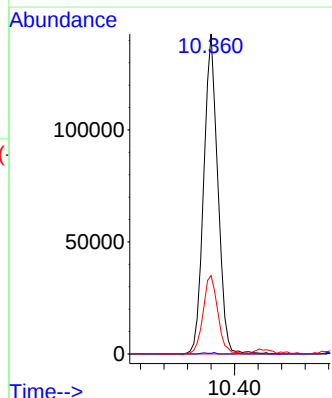
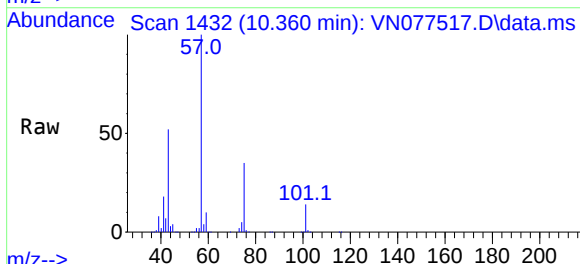
Instrument :  
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ClientSampleId :  
PB152434ZHE#01

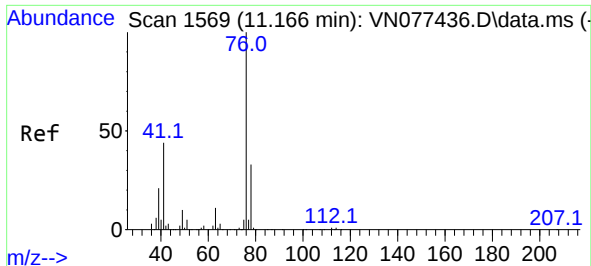
Tgt Ion: 43 Resp: 23324  
Ion Ratio Lower Upper  
43 100  
58 46.2 36.6 54.8



#54  
cis-1,3-Dichloropropene  
Concen: 18.579 ug/l  
RT: 10.360 min Scan# 1432  
Delta R.T. 0.047 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion: 75 Resp: 236742  
Ion Ratio Lower Upper  
75 100  
77 0.2 26.1 39.1#  
39 24.5 31.6 47.4#

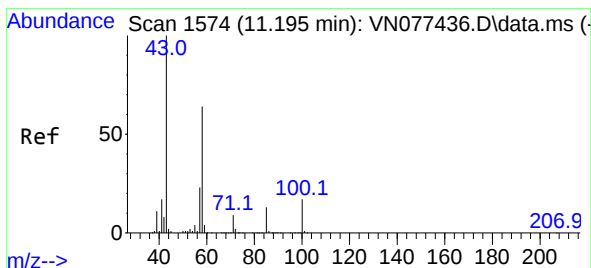
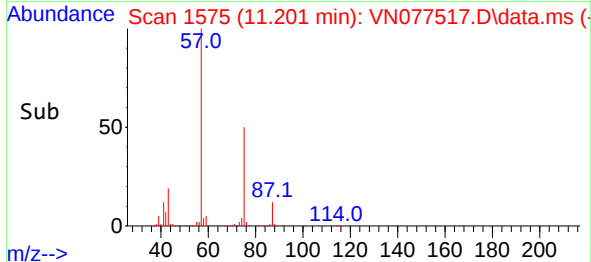
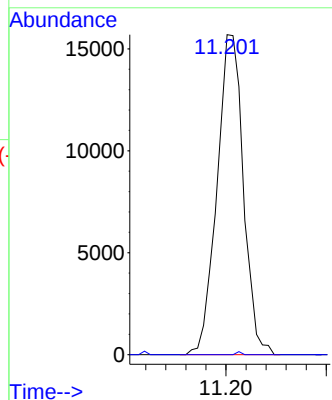
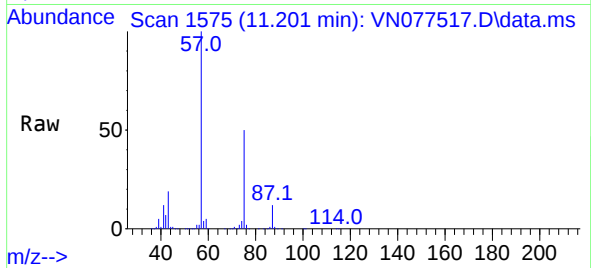




#57  
1,3-Dichloropropane  
Concen: 2.169 ug/l  
RT: 11.201 min Scan# 1575  
Delta R.T. 0.035 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

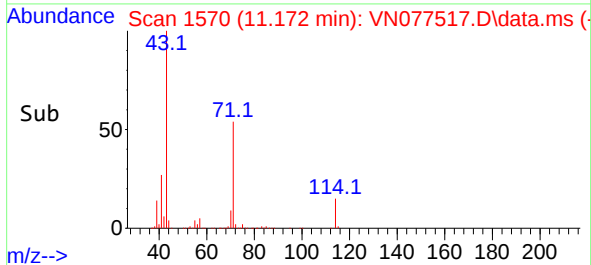
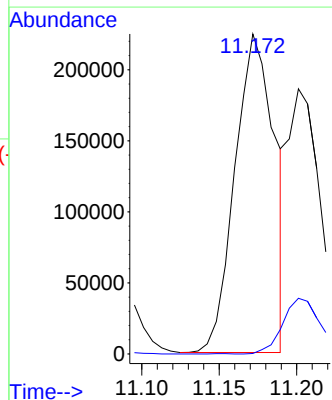
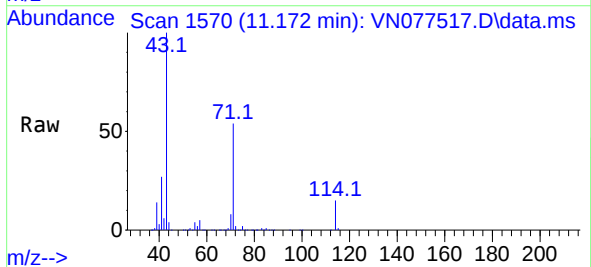
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

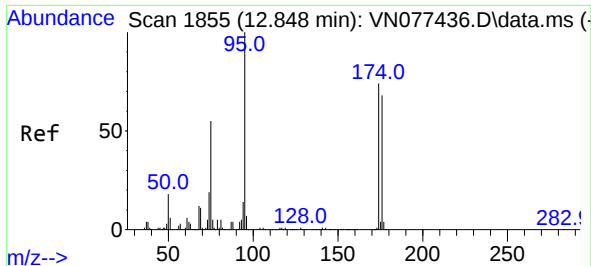
Tgt Ion: 76 Resp: 28625  
Ion Ratio Lower Upper  
76 100  
78 0.2 26.1 39.1#



#59  
2-Hexanone  
Concen: 69.068 ug/l  
RT: 11.172 min Scan# 1570  
Delta R.T. -0.024 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion: 43 Resp: 399592  
Ion Ratio Lower Upper  
43 100  
58 0.0 31.7 95.1#

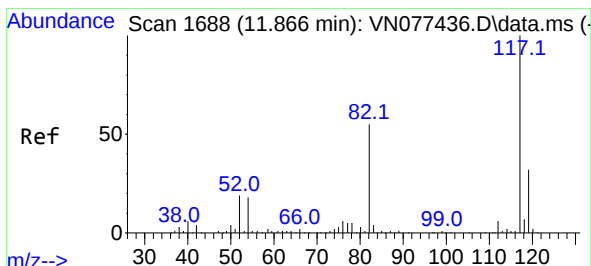
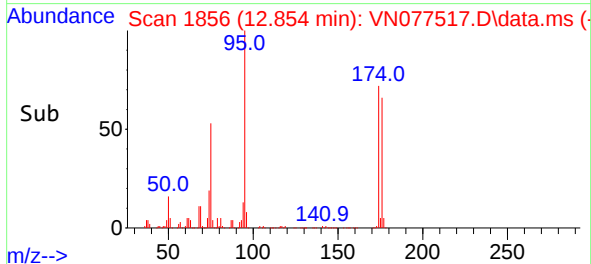
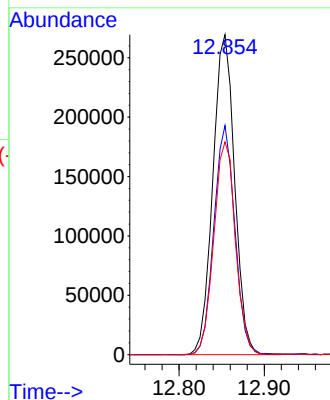
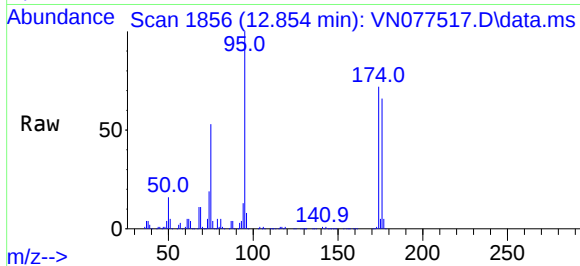




#62  
4-Bromofluorobenzene  
Concen: 53.385 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

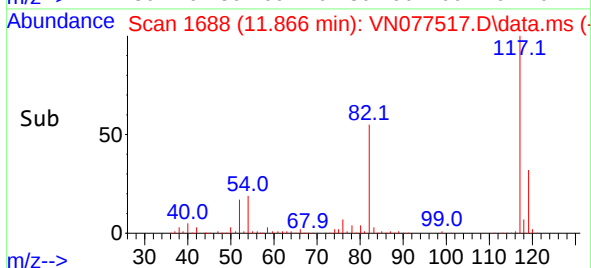
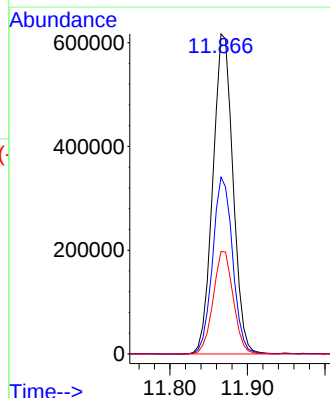
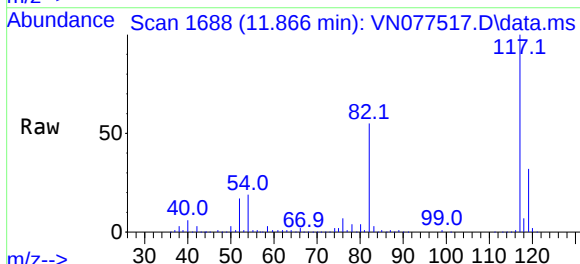
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

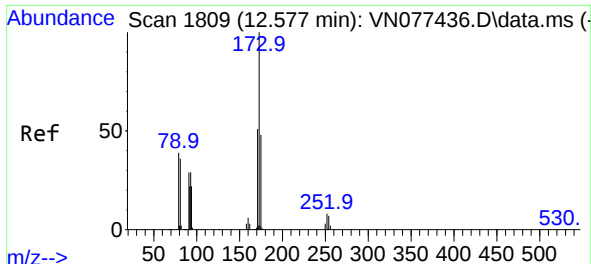
Tgt Ion: 95 Resp: 478286  
Ion Ratio Lower Upper  
95 100  
174 69.1 0.0 143.8  
176 66.1 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion: 117 Resp: 1113638  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.0 66.0  
119 32.0 25.6 38.4

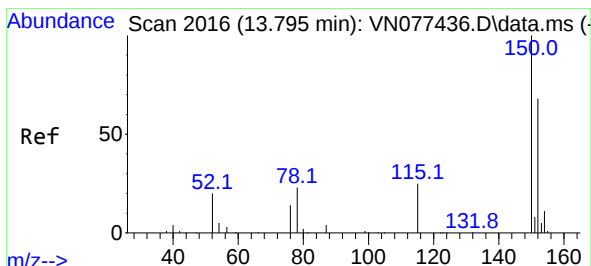
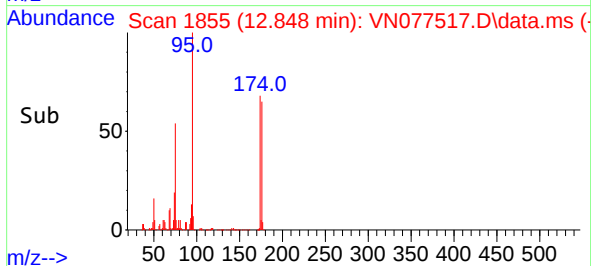
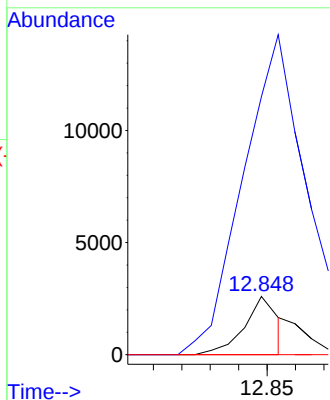
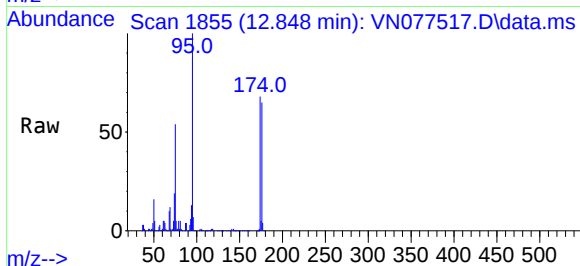




#71  
Bromoform  
Concen: 0.385 ug/l  
RT: 12.848 min Scan# 1809  
Delta R.T. 0.271 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

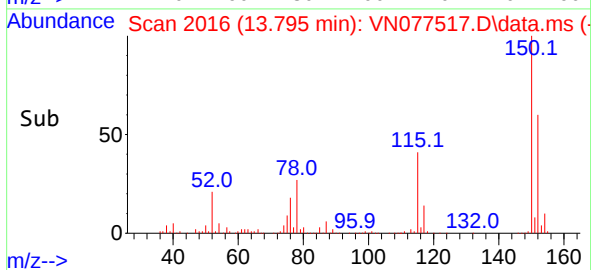
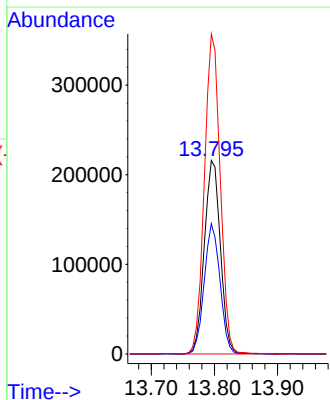
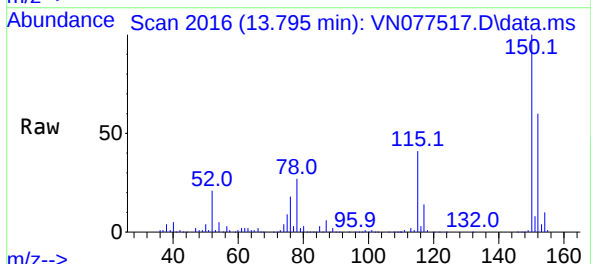
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

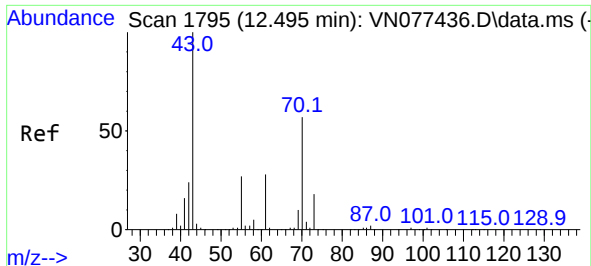
Tgt Ion:173 Resp: 2159  
Ion Ratio Lower Upper  
173 100  
175 0.0 24.3 73.0#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion:152 Resp: 382402  
Ion Ratio Lower Upper  
152 100  
115 66.1 32.3 96.8  
150 162.5 0.0 355.8

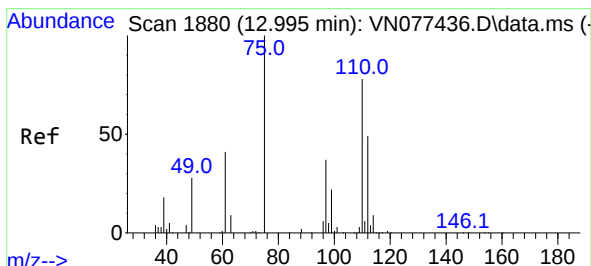
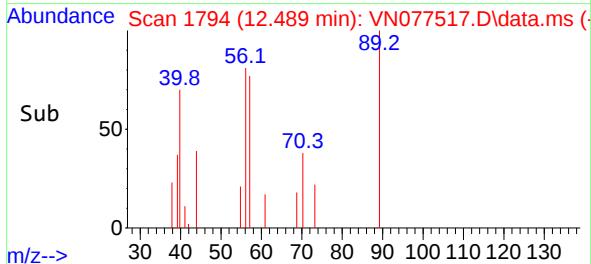
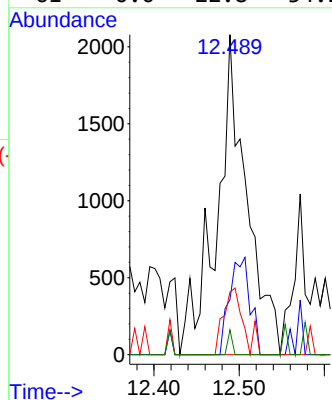
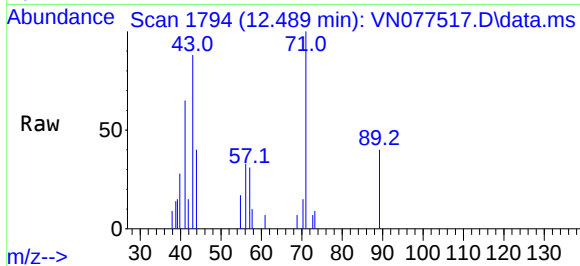




#74  
N-amy1 acetate  
Concen: 0.487 ug/l  
RT: 12.489 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

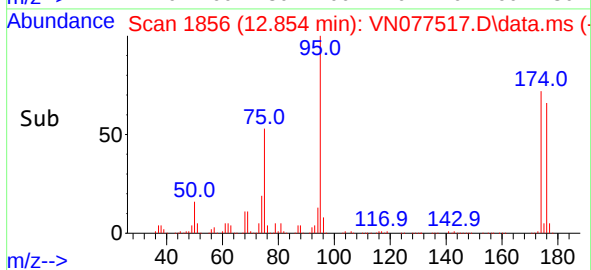
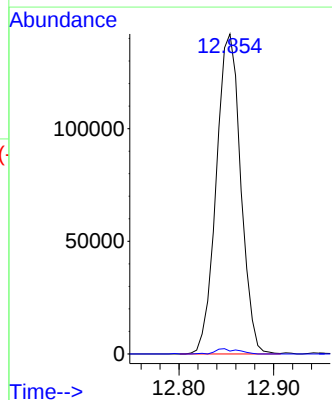
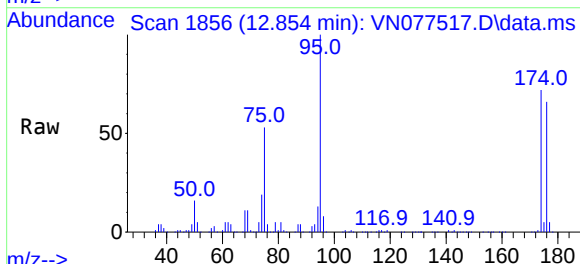
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

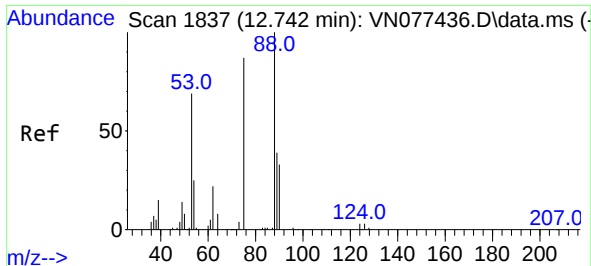
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 5117  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 20.9     | 43.4 65.2#  |
| 55 12.2     | 21.4 32.0#  |
| 61 0.0      | 22.8 34.2#  |



#76  
1,2,3-Trichloropropane  
Concen: 28.661 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. -0.141 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

|             |              |
|-------------|--------------|
| Tgt Ion: 75 | Resp: 254863 |
| Ion Ratio   | Lower Upper  |
| 75 100      |              |
| 77 1.6      | 84.5 253.5#  |

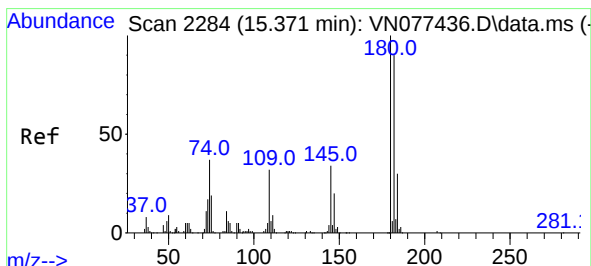
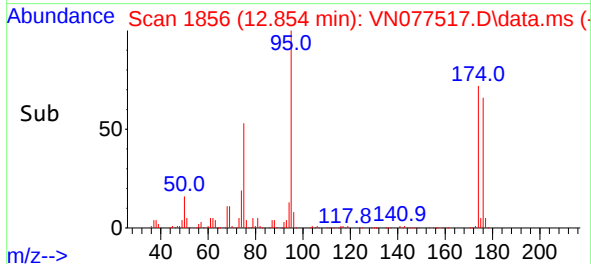
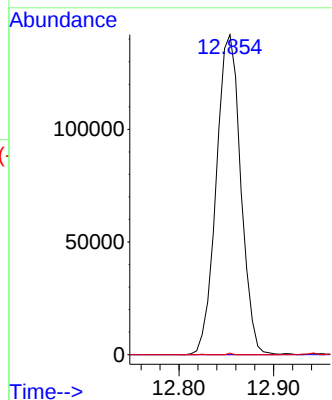
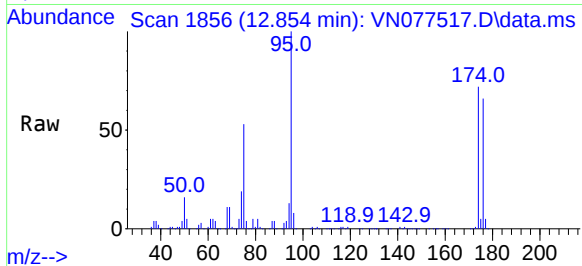




#81  
trans-1,4-Dichloro-2-butene  
Concen: 80.972 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.112 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

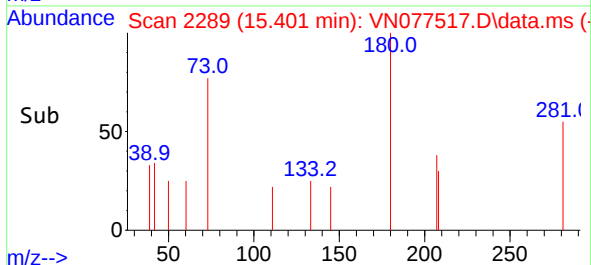
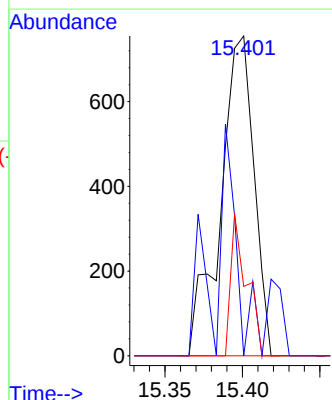
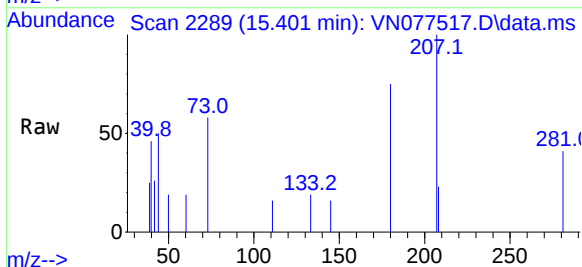
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

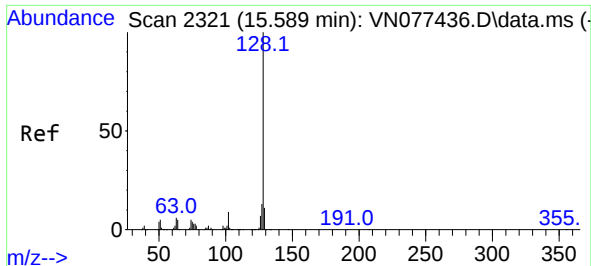
Tgt Ion: 75 Resp: 254863  
Ion Ratio Lower Upper  
75 100  
53 0.0 67.4 101.2#  
89 0.1 38.8 58.2#



#93  
1,2,4-Trichlorobenzene  
Concen: 1.206 ug/l  
RT: 15.401 min Scan# 2289  
Delta R.T. 0.030 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion:180 Resp: 1135  
Ion Ratio Lower Upper  
180 100  
182 48.3 46.1 138.2  
145 21.0 16.6 49.8

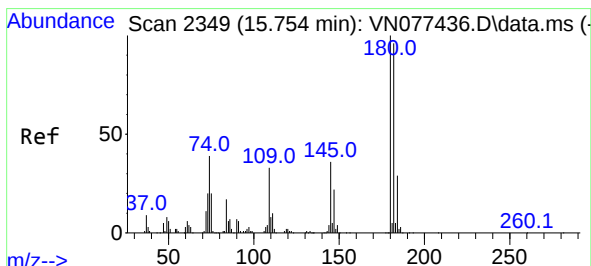
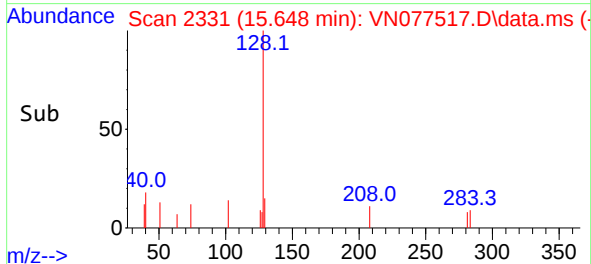
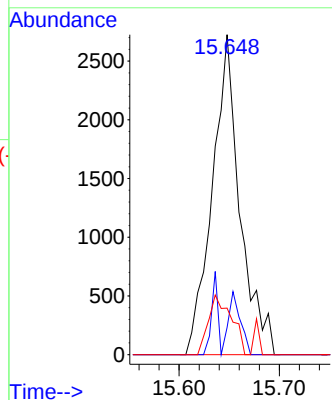
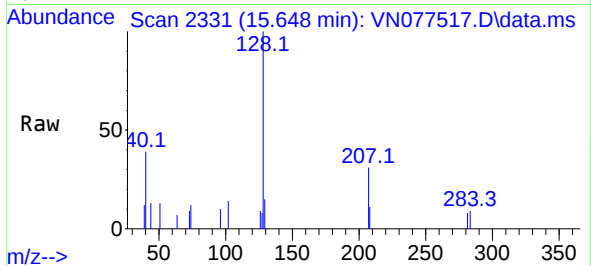




#95  
Naphthalene  
Concen: 1.649 ug/l  
RT: 15.648 min Scan# 21  
Delta R.T. 0.059 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152434ZHE#01

Tgt Ion:128 Resp: 5231  
Ion Ratio Lower Upper  
128 100  
127 8.6 10.0 15.0#  
129 0.0 8.7 13.1#



#96  
1,2,3-Trichlorobenzene  
Concen: 0.496 ug/l  
RT: 15.807 min Scan# 2358  
Delta R.T. 0.053 min  
Lab File: VN077517.D  
Acq: 29 Apr 2023 14:27

Tgt Ion:180 Resp: 59  
Ion Ratio Lower Upper  
180 100  
182 0.0 46.2 138.6#  
145 0.0 17.5 52.6#

