

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122822\  
 Data File : VN076028.D  
 Acq On : 29 Dec 2022 03:19  
 Operator : JC\MD  
 Sample : PB149923ZHE#09  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB149923ZHE#09

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022  
 Supervised By :Mahesh Dadoda 12/31/2022

Quant Time: Dec 29 07:50:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.229          | 168  | 358538     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106          | 114  | 574360     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.870         | 117  | 511800     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152  | 213268     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.588          | 65   | 184818     | 47.382   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 94.760%  |        |          |
| 35) Dibromofluoromethane    | 8.176          | 113  | 168299     | 47.316   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 94.640%  |        |          |
| 50) Toluene-d8              | 10.570         | 98   | 673451     | 50.639   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 101.280% |        |          |
| 62) 4-Bromofluorobenzene    | 12.853         | 95   | 211008     | 47.905   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 95.800%  |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        |          |
| 16) Acetone                 | 4.453          | 43   | 67476      | 50.183   | ug/l   | 91       |
| 20) Methylene Chloride      | 5.294          | 84   | 16871      | 4.103    | ug/l   | 97       |
| 25) 2-Butanone              | 7.500          | 43   | 25347      | 13.463   | ug/l # | 84       |
| 37) Ethyl Acetate           | 7.571          | 43   | 37453      | 9.868    | ug/l   | 99       |
| 43) Isopropyl Acetate       | 8.694          | 43   | 296640m    | 47.381   | ug/l   |          |
| -----                       |                |      |            |          |        |          |

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

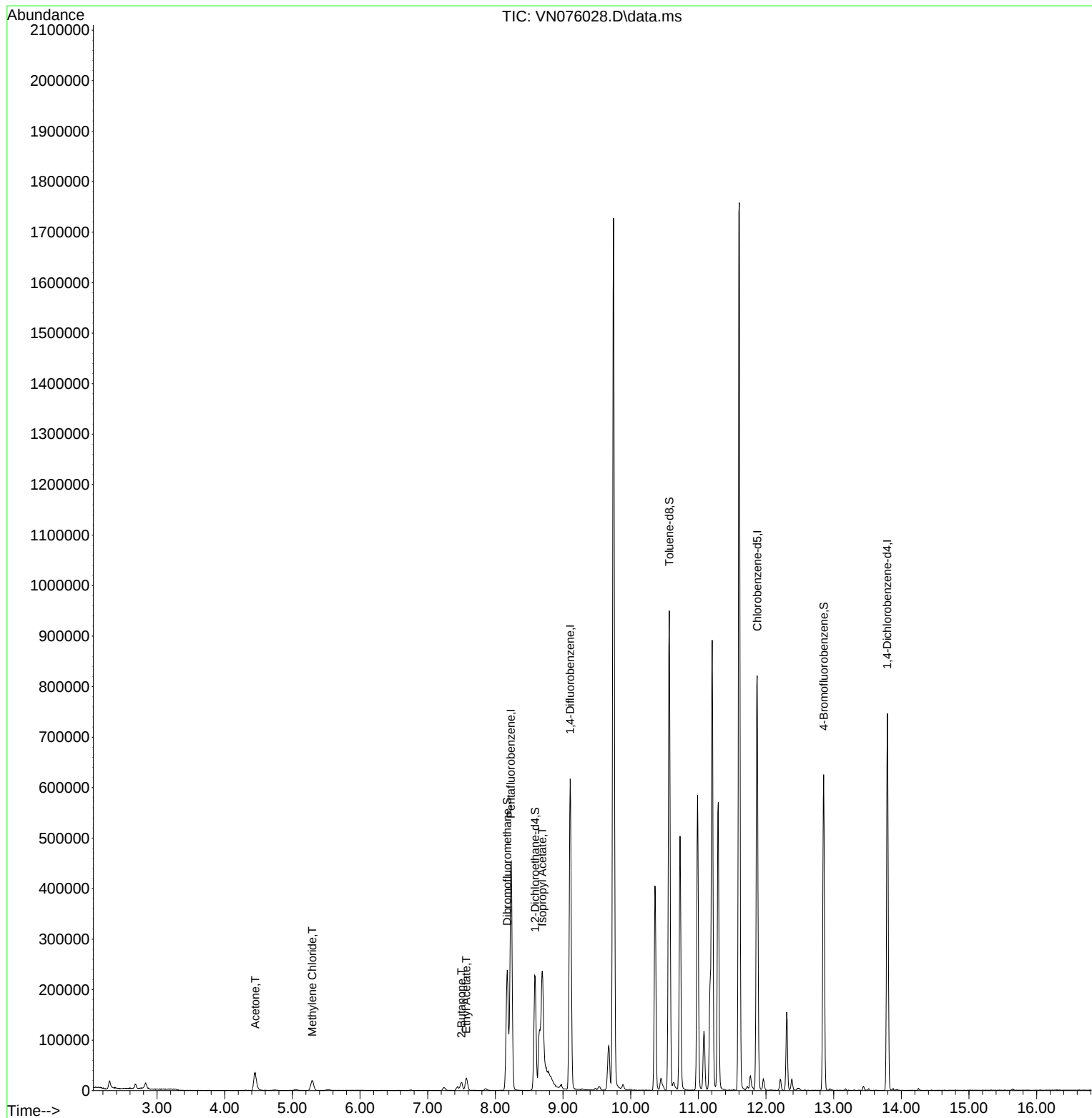
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122822\  
Data File : VN076028.D  
Acq On : 29 Dec 2022 03:19  
Operator : JC\MD  
Sample : PB149923ZHE#09  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 43 Sample Multiplier: 1

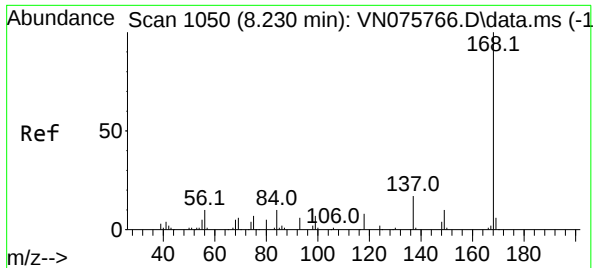
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#09

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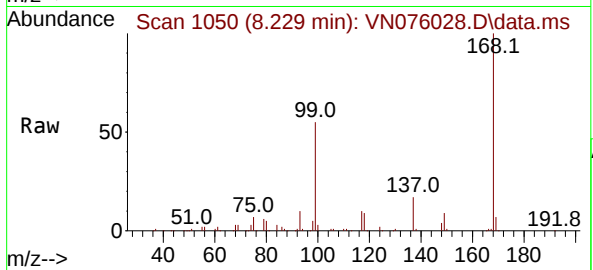
Quant Time: Dec 29 07:50:29 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 14 13:03:41 2022  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1050  
Delta R.T. -0.001 min  
Lab File: VN076028.D  
Acq: 29 Dec 2022 03:19

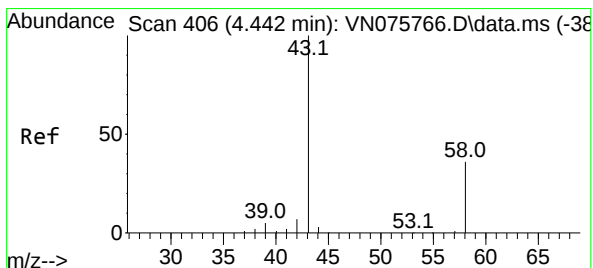
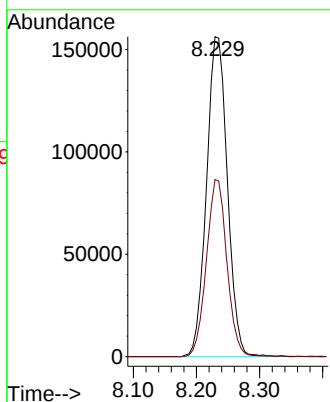
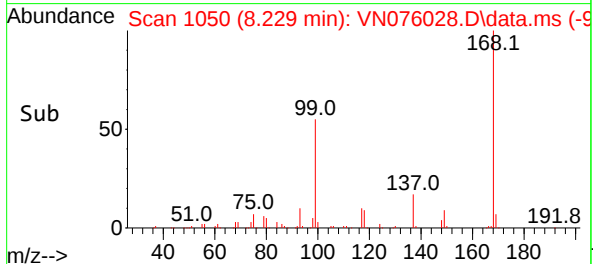
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#09



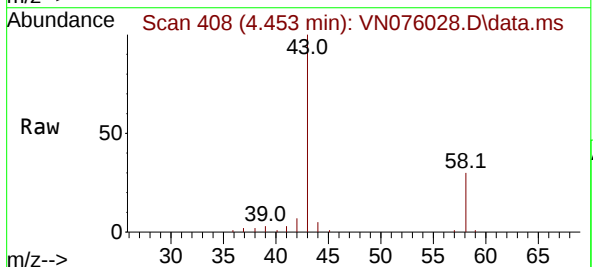
Tgt Ion:168 Resp: 358538  
Ion Ratio Lower Upper  
168 100  
99 55.4 44.2 66.4

Manual Integrations  
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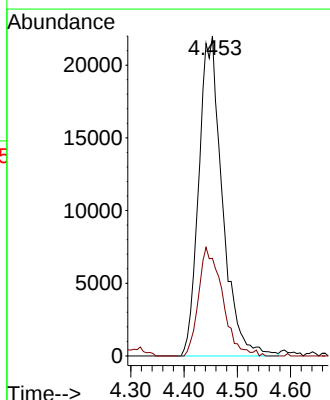
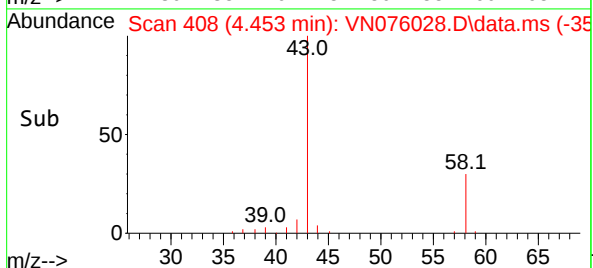
Reviewed By :Semsettin Yesilyurt 12/29/2022  
Supervised By :Mahesh Dadoda 12/31/2022



#16  
Acetone  
Concen: 50.183 ug/l  
RT: 4.453 min Scan# 408  
Delta R.T. 0.012 min  
Lab File: VN076028.D  
Acq: 29 Dec 2022 03:19



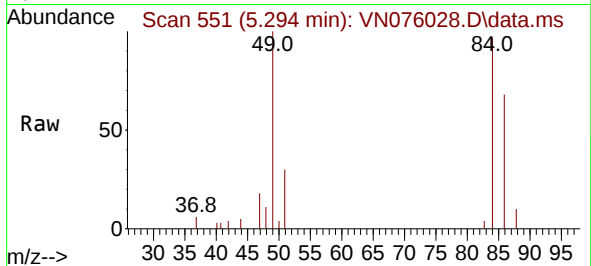
Tgt Ion: 43 Resp: 67476  
Ion Ratio Lower Upper  
43 100  
58 30.5 28.6 43.0





#20  
Methylene Chloride  
Concen: 4.103 ug/l  
RT: 5.294 min Scan# 511  
Delta R.T. 0.005 min  
Lab File: VN076028.D  
Acq: 29 Dec 2022 03:19

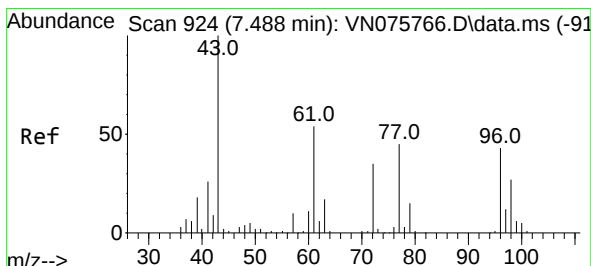
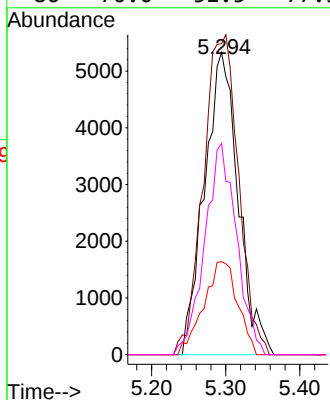
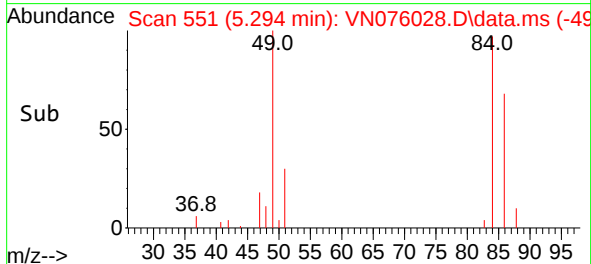
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#09



| Tgt Ion: | 84    | Resp: | 1687  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 102.9 | 81.8  | 122.6 |
| 51       | 30.7  | 26.7  | 40.1  |
| 86       | 70.0  | 51.5  | 77.3  |

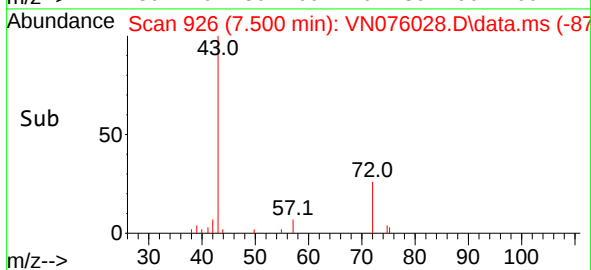
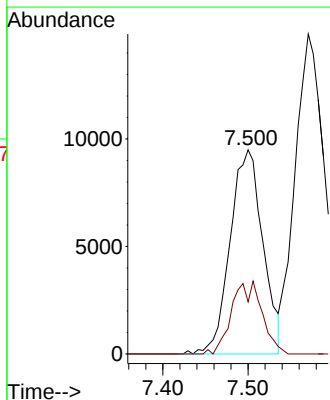
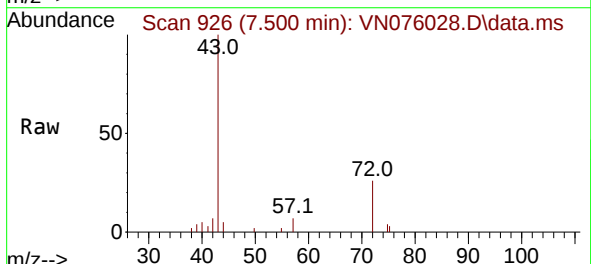
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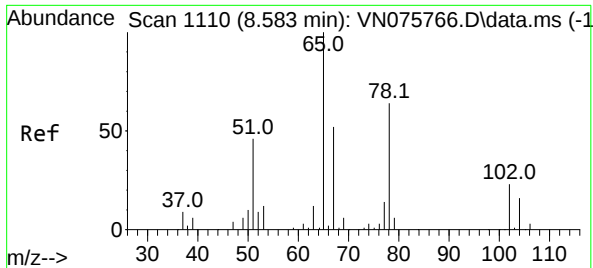
Reviewed By :Semsettin Yesilyurt 12/29/2022  
Supervised By :Mahesh Dadoda 12/31/2022



#25  
2-Butanone  
Concen: 13.463 ug/l  
RT: 7.500 min Scan# 926  
Delta R.T. 0.012 min  
Lab File: VN076028.D  
Acq: 29 Dec 2022 03:19

| Tgt Ion: | 43    | Resp: | 25347 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 25.5  | 28.0  | 42.0# |





#33

1,2-Dichloroethane-d4

Concen: 47.382 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076028.D

Acq: 29 Dec 2022 03:19

Instrument :

MSVOA\_N

ClientSampleId :

PB149923ZHE#09

Tgt Ion: 65 Resp: 184818

Ion Ratio Lower Upper

65 100

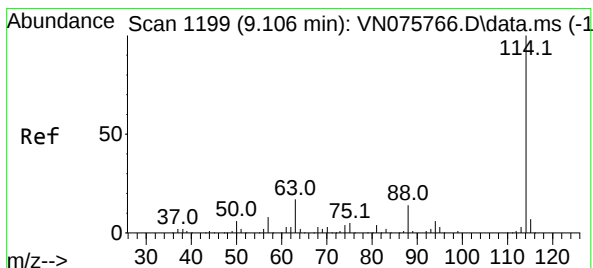
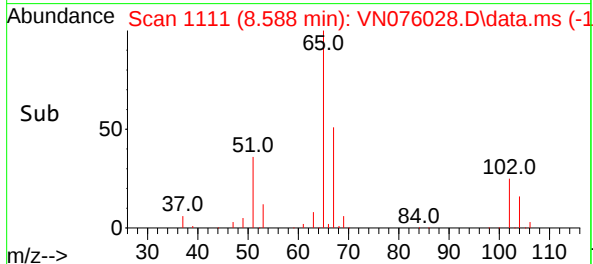
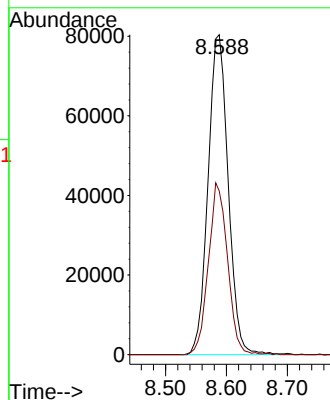
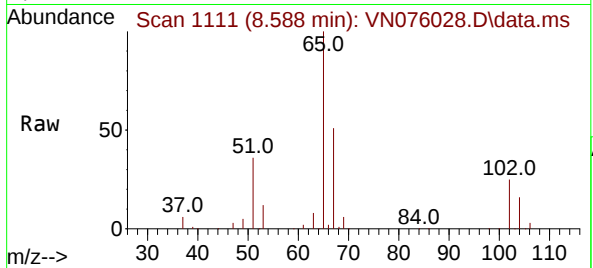
67 51.0 0.0 103.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076028.D

Acq: 29 Dec 2022 03:19

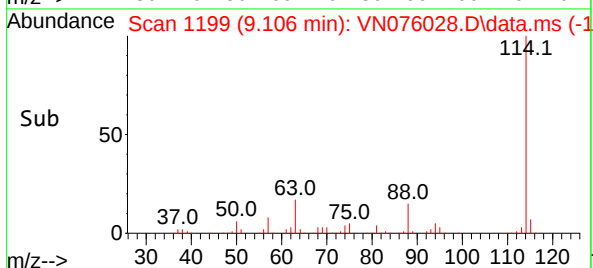
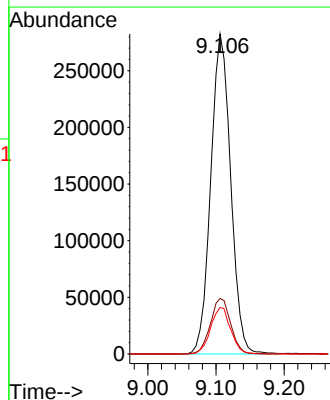
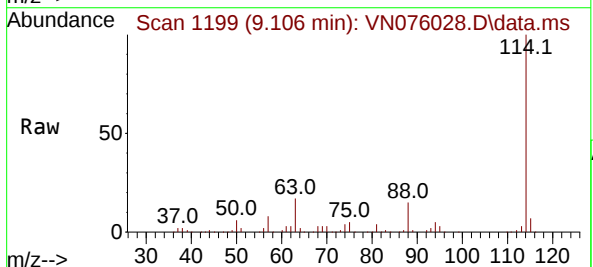
Tgt Ion:114 Resp: 574360

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.316 ug/l

RT: 8.176 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076028.D

Acq: 29 Dec 2022 03:19

Instrument :

MSVOA\_N

ClientSampleId :

PB149923ZHE#09

Tgt Ion:113 Resp: 16829

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

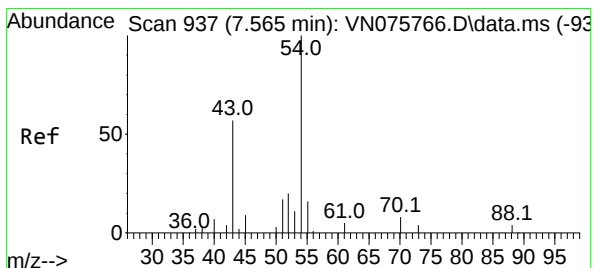
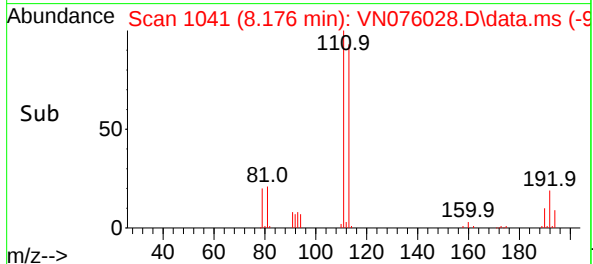
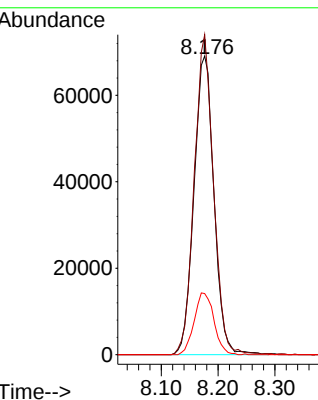
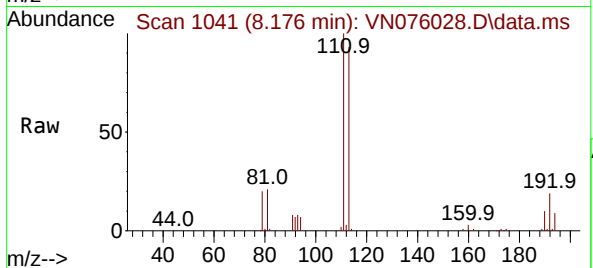
192 20.5 16.1 24.1

Manual Integrations

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Supervised By :Mahesh Dadoda 12/31/2022



#37

Ethyl Acetate

Concen: 9.868 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN076028.D

Acq: 29 Dec 2022 03:19

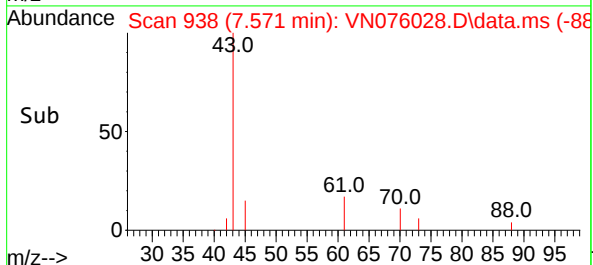
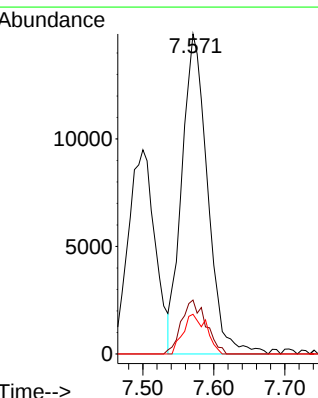
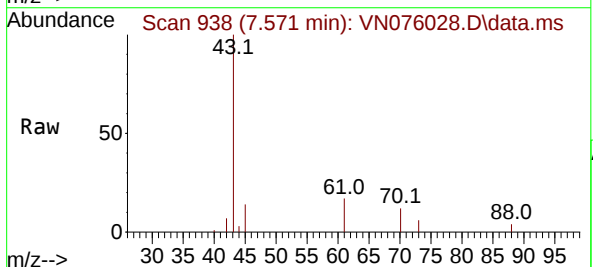
Tgt Ion: 43 Resp: 37453

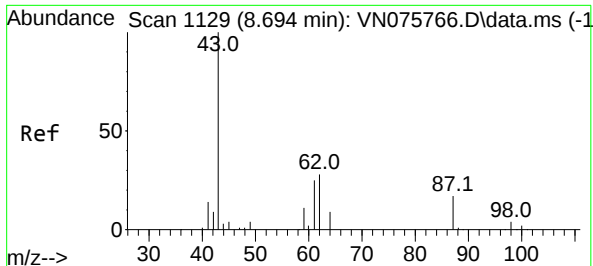
Ion Ratio Lower Upper

43 100

61 16.1 13.0 19.4

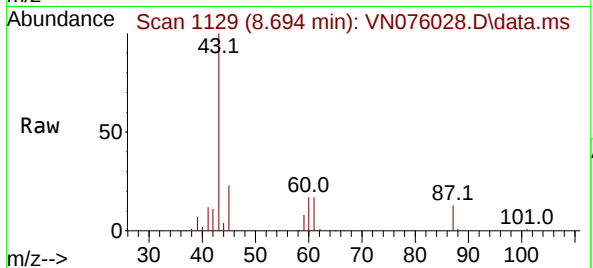
70 11.3 9.4 14.0





#43  
Isopropyl Acetate  
Concen: 47.381 ug/l m  
RT: 8.694 min Scan# 1129  
Delta R.T. -0.000 min  
Lab File: VN076028.D  
Acq: 29 Dec 2022 03:19

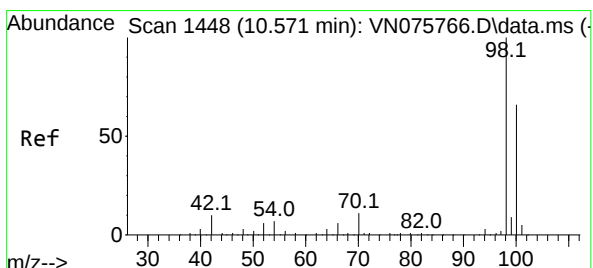
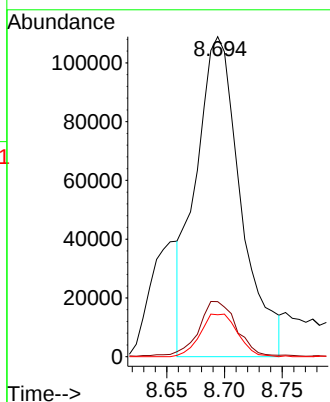
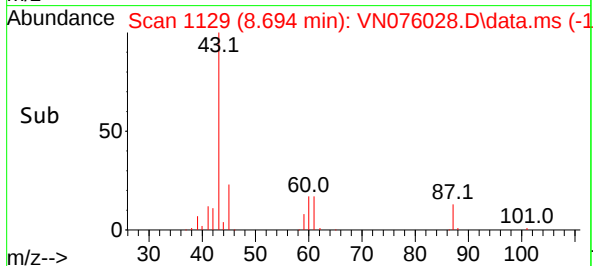
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#09



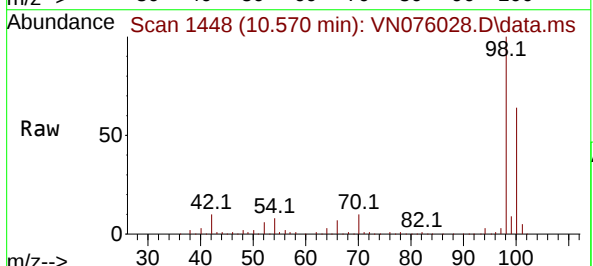
Tgt Ion: 43 Resp: 296640  
Ion Ratio Lower Upper  
43 100  
61 14.6 24.2 36.4  
87 11.0 13.3 19.9

Manual Integrations  
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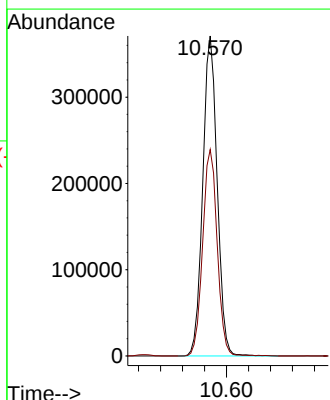
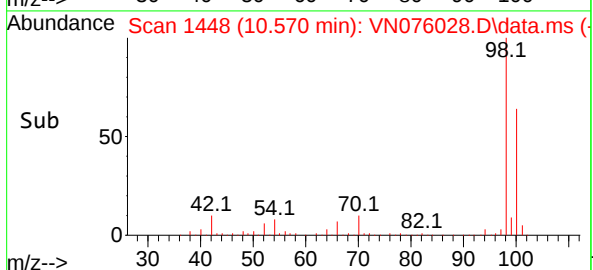
Reviewed By :Semsettin Yesilyurt 12/29/2022  
Supervised By :Mahesh Dadoda 12/31/2022

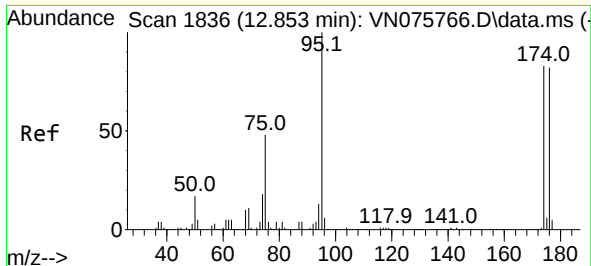


#50  
Toluene-d8  
Concen: 50.639 ug/l  
RT: 10.570 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN076028.D  
Acq: 29 Dec 2022 03:19



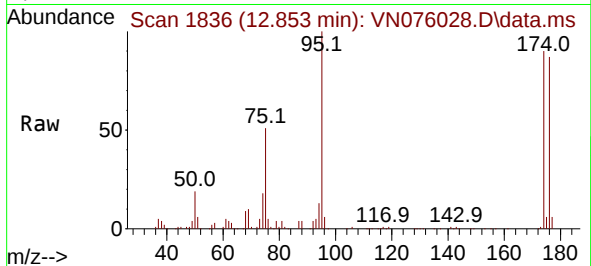
Tgt Ion: 98 Resp: 673451  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.1 78.1





#62  
4-Bromofluorobenzene  
Concen: 47.905 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VN076028.D  
Acq: 29 Dec 2022 03:19

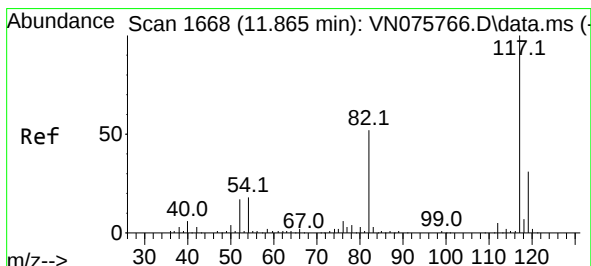
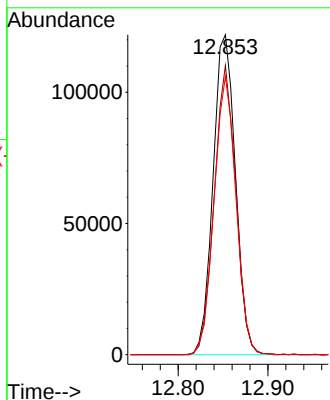
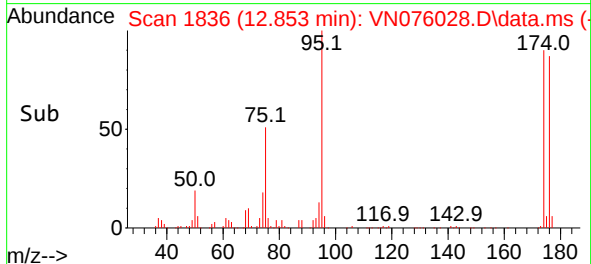
Instrument :  
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ClientSampleId :  
PB149923ZHE#09



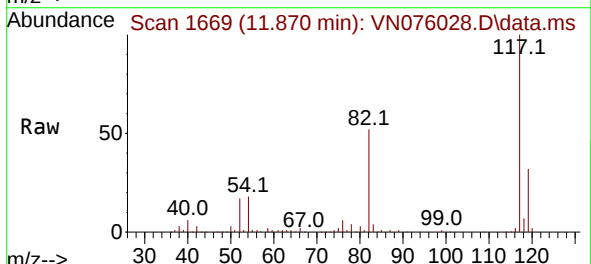
Tgt Ion: 95 Resp: 211008  
Ion Ratio Lower Upper  
95 100  
174 87.7 0.0 171.6  
176 85.1 0.0 169.2

Manual Integrations  
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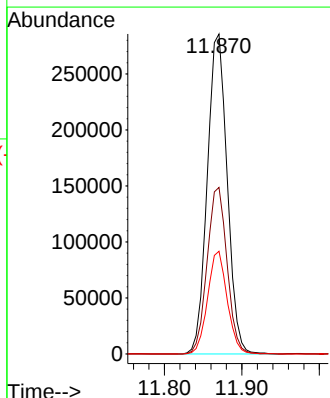
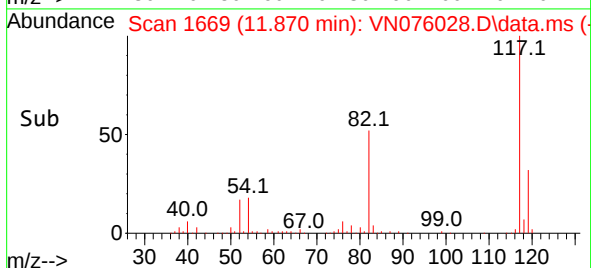
Reviewed By :Semsettin Yesilyurt 12/29/2022  
Supervised By :Mahesh Dadoda 12/31/2022

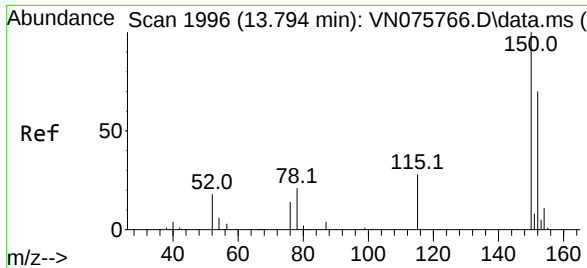


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1669  
Delta R.T. 0.006 min  
Lab File: VN076028.D  
Acq: 29 Dec 2022 03:19



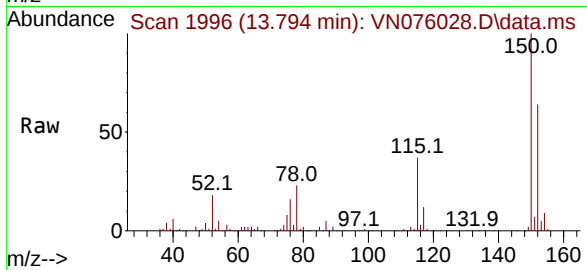
Tgt Ion:117 Resp: 511800  
Ion Ratio Lower Upper  
117 100  
82 52.0 41.3 61.9  
119 32.1 24.6 37.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 1996  
 Delta R.T. -0.000 min  
 Lab File: VN076028.D  
 Acq: 29 Dec 2022 03:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB149923ZHE#09



Tgt Ion:152 Resp: 213268  
 Ion Ratio Lower Upper  
 152 100  
 115 57.7 29.1 87.4  
 150 156.7 0.0 347.0

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