

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102424\  
 Data File : VN084487.D  
 Acq On : 24 Oct 2024 14:46  
 Operator : JC\MD  
 Sample : PB164314ZHE#01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB164314ZHE#01

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024  
 Supervised By :Semsettin Yesilyurt 10/25/2024

Quant Time: Oct 25 02:01:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 01 07:11:01 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|-------|----------|
| -----                       |                |      |            |         |       |          |
| Internal Standards          |                |      |            |         |       |          |
| 1) Pentafluorobenzene       | 8.224          | 168  | 189459     | 50.000  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100          | 114  | 341993     | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 297581     | 50.000  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788         | 152  | 121977     | 50.000  | ug/l  | 0.00     |
|                             |                |      |            |         |       |          |
| System Monitoring Compounds |                |      |            |         |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.577          | 65   | 134797     | 47.986  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 95.980% |       |          |
| 35) Dibromofluoromethane    | 8.165          | 113  | 106554     | 47.260  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 94.520% |       |          |
| 50) Toluene-d8              | 10.565         | 98   | 407750     | 49.156  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 98.320% |       |          |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 141597     | 46.856  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 93.720% |       |          |
|                             |                |      |            |         |       |          |
| Target Compounds            |                |      |            |         |       |          |
| 16) Acetone                 | 4.424          | 43   | 28317      | 23.466  | ug/l  | 92       |
| 20) Methylene Chloride      | 5.283          | 84   | 4738       | 1.932   | ug/l  | 91       |
| 43) Isopropyl Acetate       | 8.688          | 43   | 202700m    | 30.801  | ug/l  |          |
| -----                       |                |      |            |         |       |          |

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

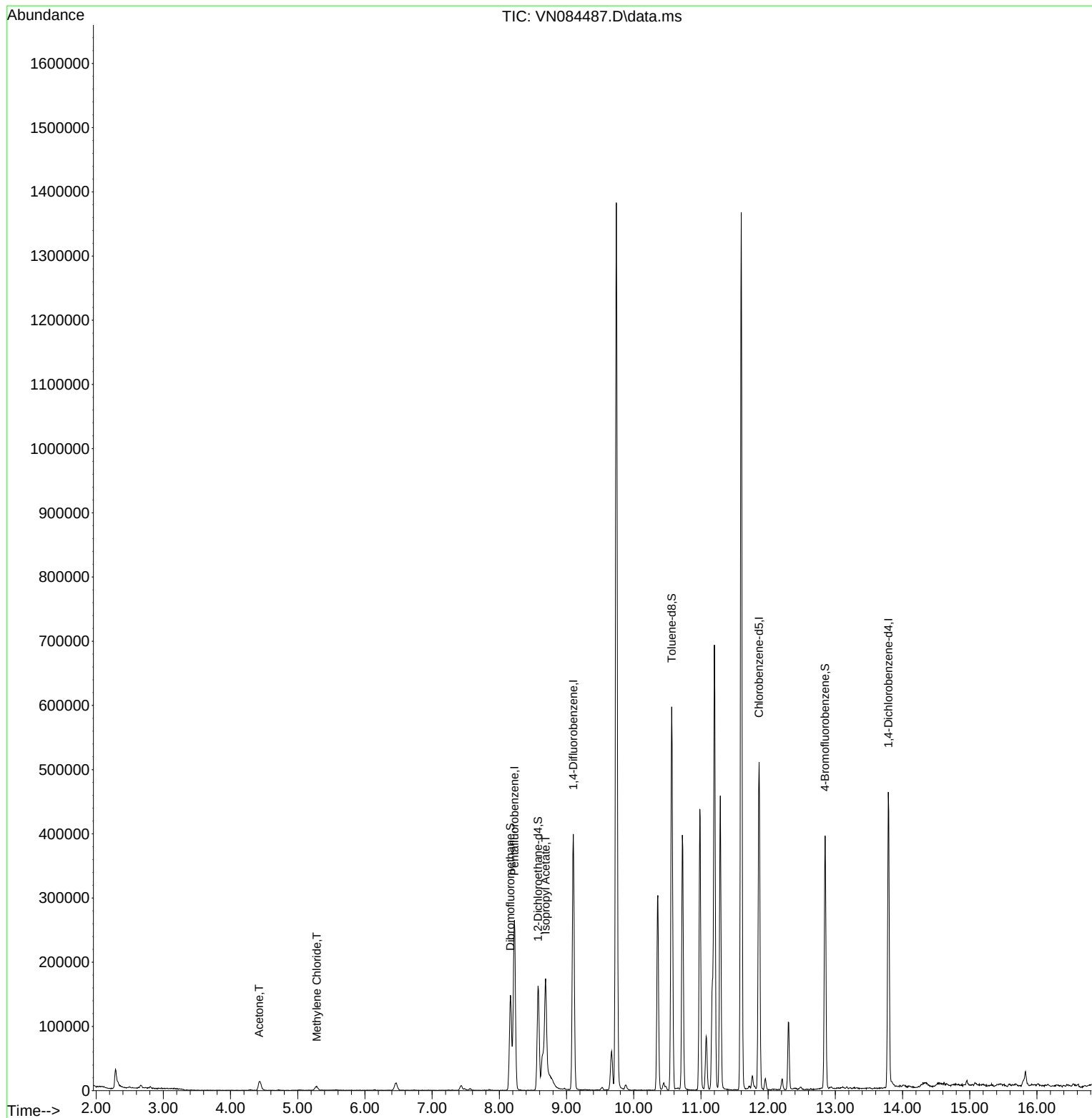
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102424\  
Data File : VN084487.D  
Acq On : 24 Oct 2024 14:46  
Operator : JC\MD  
Sample : PB164314ZHE#01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 11 Sample Multiplier: 1

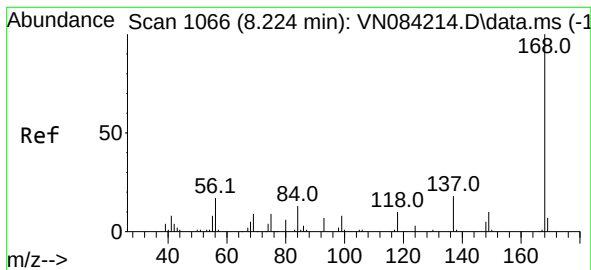
Instrument :  
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PB164314ZHE#01

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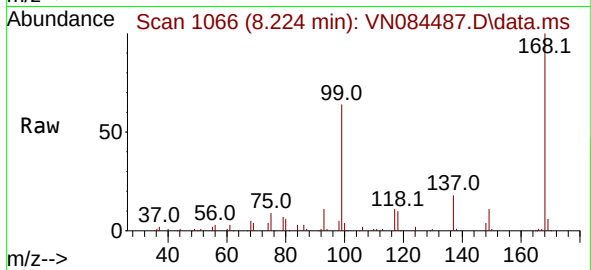
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 01 07:11:01 2024  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN084487.D  
Acq: 24 Oct 2024 14:46

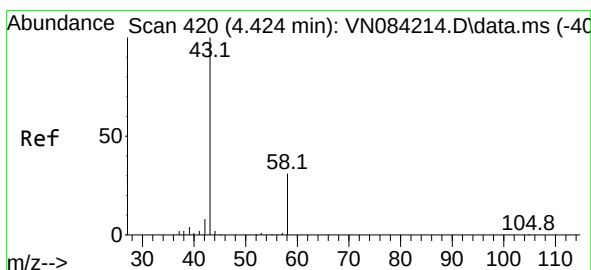
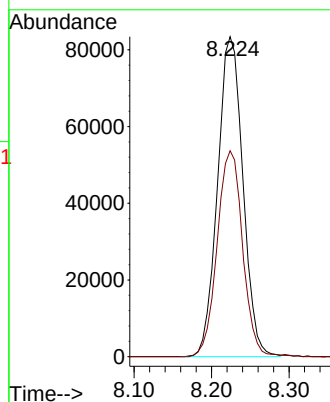
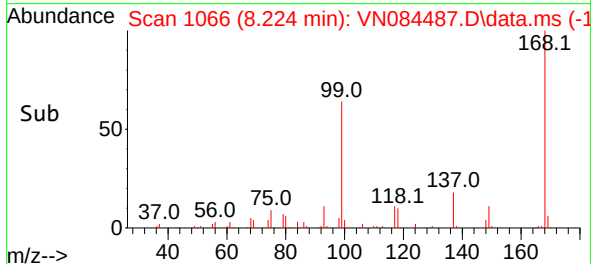
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB164314ZHE#01



Tgt Ion:168 Resp: 189459  
Ion Ratio Lower Upper  
168 100  
99 64.4 54.2 81.2

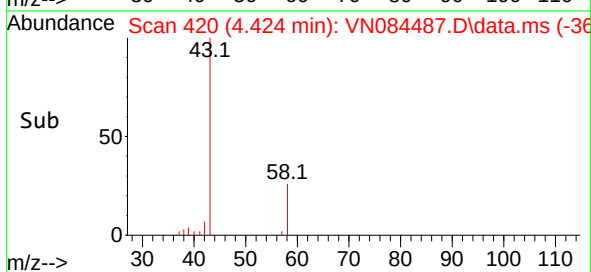
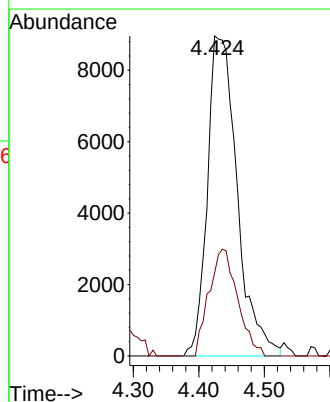
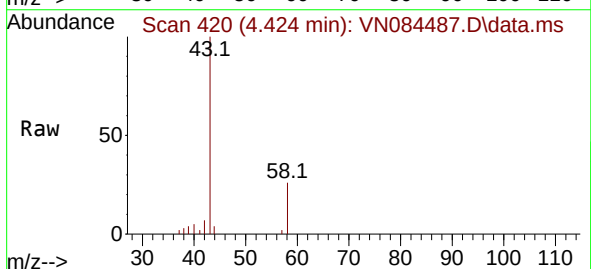
Manual Integrations  
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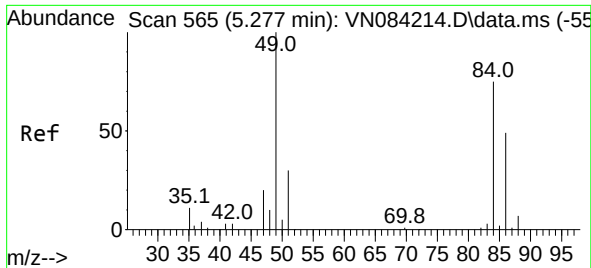
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#16  
Acetone  
Concen: 23.466 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: VN084487.D  
Acq: 24 Oct 2024 14:46

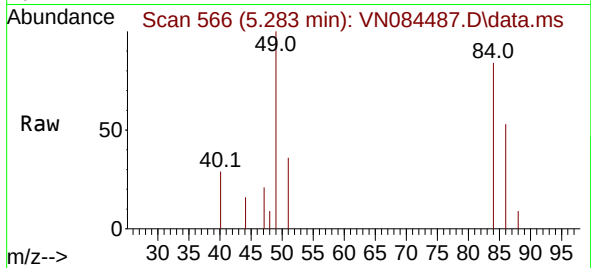
Tgt Ion: 43 Resp: 28317  
Ion Ratio Lower Upper  
43 100  
58 26.0 24.4 36.6





#20  
Methylene Chloride  
Concen: 1.932 ug/l  
RT: 5.283 min Scan# 511  
Delta R.T. 0.006 min  
Lab File: VN084487.D  
Acq: 24 Oct 2024 14:46

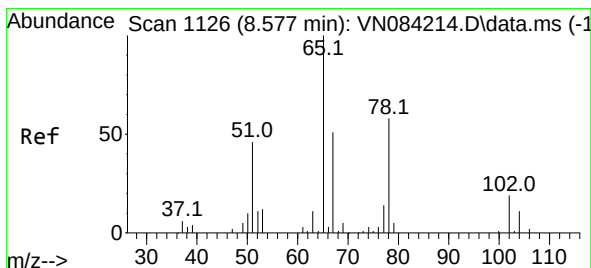
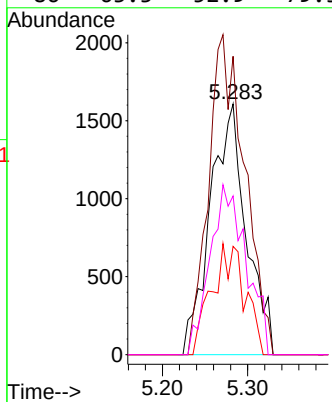
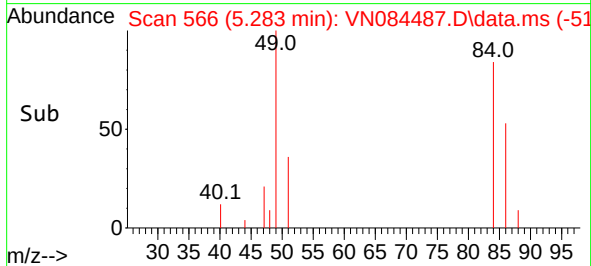
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB164314ZHE#01



Tgt Ion: 84 Resp: 4738  
Ion Ratio Lower Upper  
84 100  
49 119.0 107.2 160.8  
51 43.2 31.8 47.8  
86 63.3 52.9 79.3

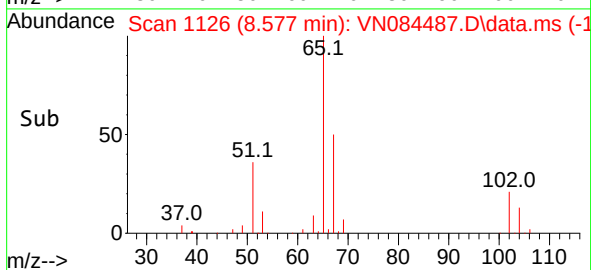
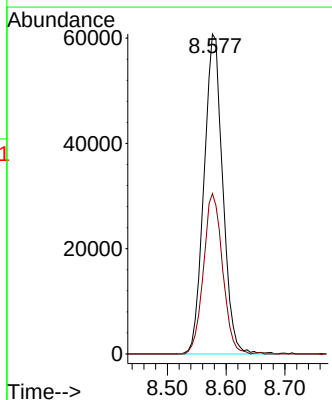
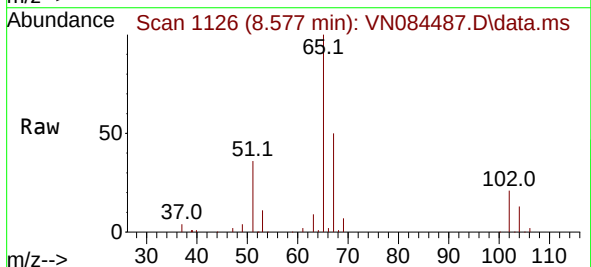
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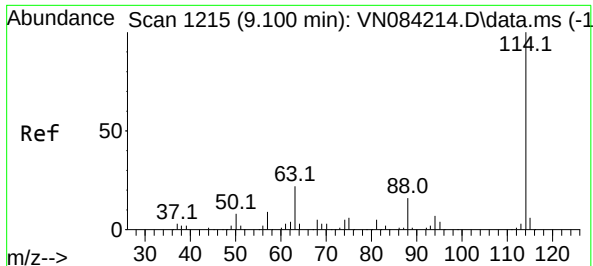
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#33  
1,2-Dichloroethane-d4  
Concen: 47.986 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN084487.D  
Acq: 24 Oct 2024 14:46

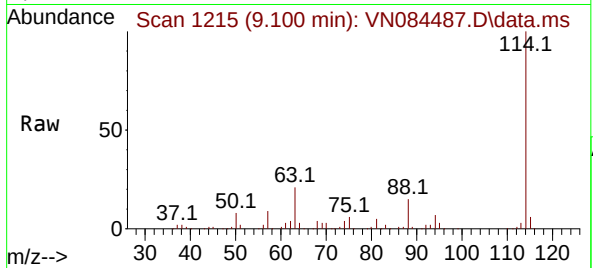
Tgt Ion: 65 Resp: 134797  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 102.0





#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: VN084487.D  
Acq: 24 Oct 2024 14:46

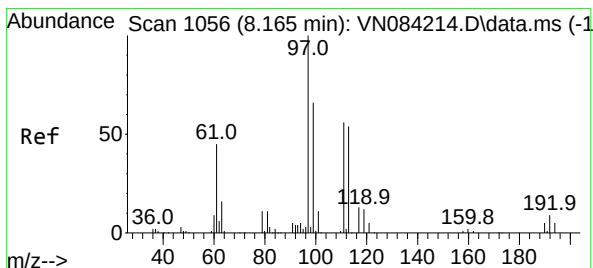
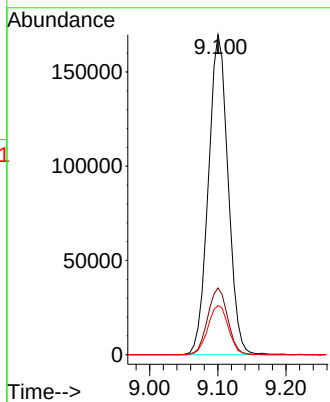
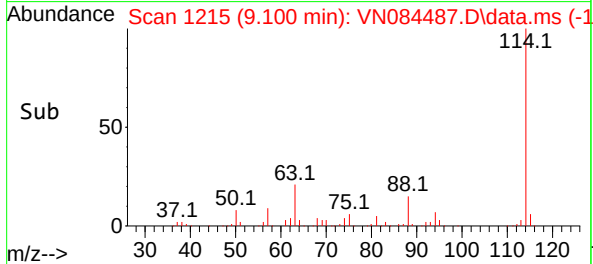
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB164314ZHE#01



Tgt Ion:114 Resp: 34199  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 43.8  
88 15.3 0.0 31.6

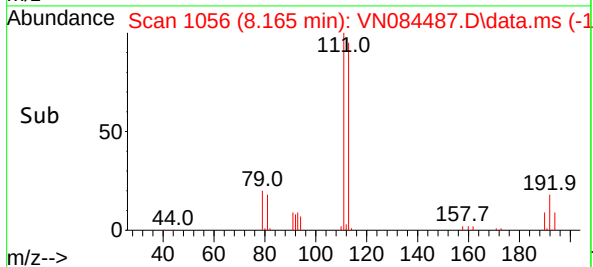
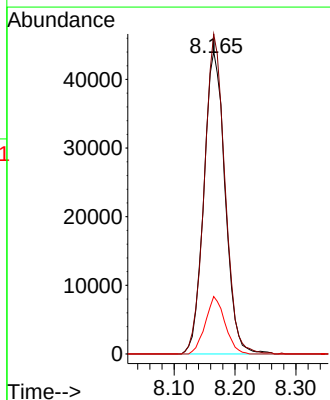
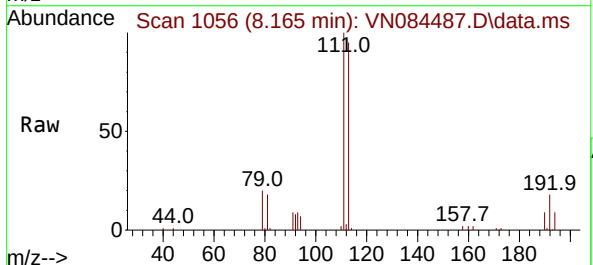
Manual Integrations  
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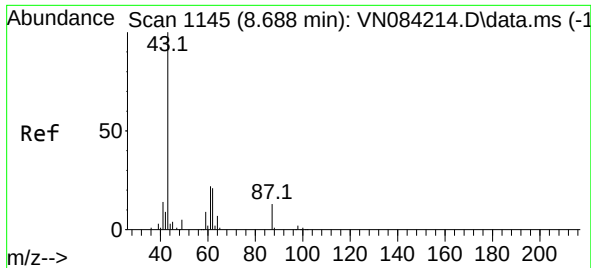
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024



#35  
Dibromofluoromethane  
Concen: 47.260 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN084487.D  
Acq: 24 Oct 2024 14:46

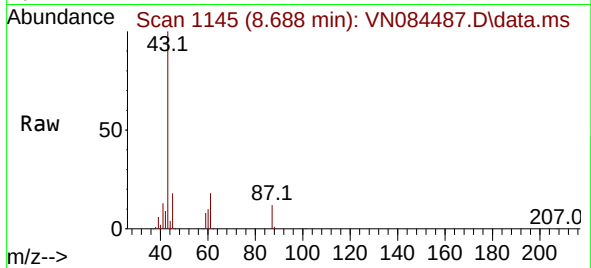
Tgt Ion:113 Resp: 106554  
Ion Ratio Lower Upper  
113 100  
111 102.8 83.3 124.9  
192 17.6 13.5 20.3





#43  
Isopropyl Acetate  
Concen: 30.801 ug/l m  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN084487.D  
Acq: 24 Oct 2024 14:46

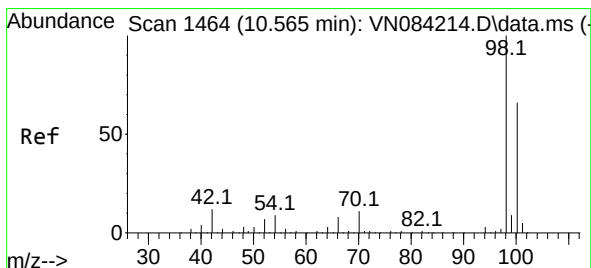
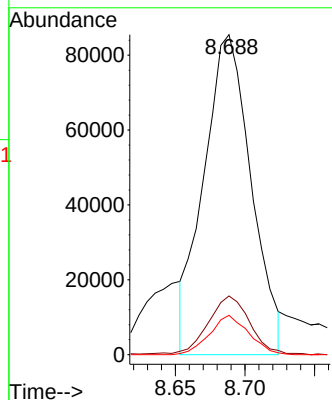
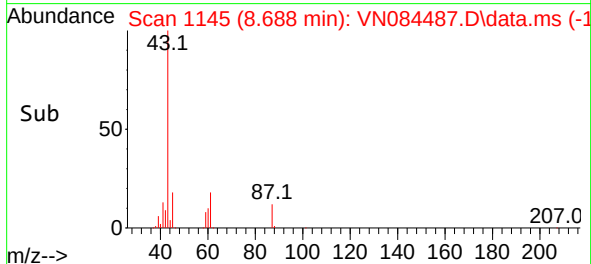
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB164314ZHE#01



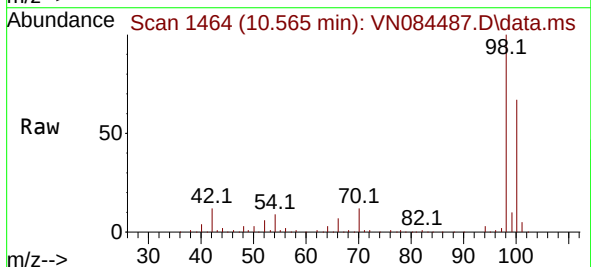
Tgt Ion: 43 Resp: 202700  
Ion Ratio Lower Upper  
43 100  
61 16.3 20.4 30.6  
87 10.1 10.3 15.5

Manual Integrations  
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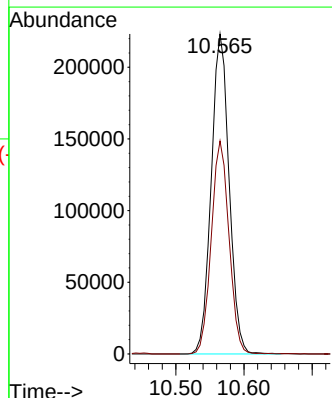
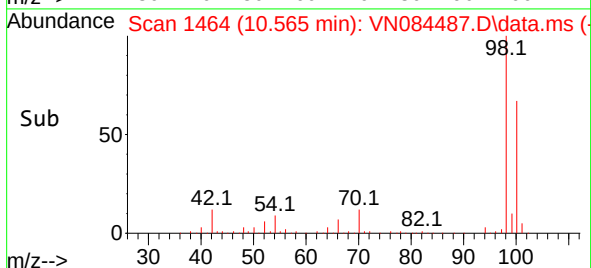
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

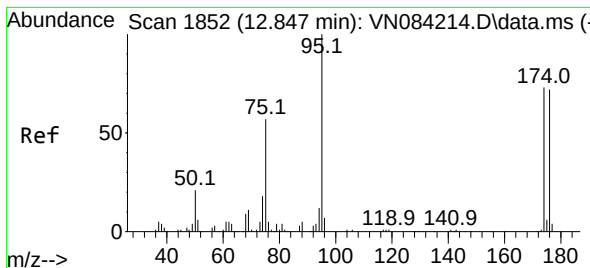


#50  
Toluene-d8  
Concen: 49.156 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: VN084487.D  
Acq: 24 Oct 2024 14:46



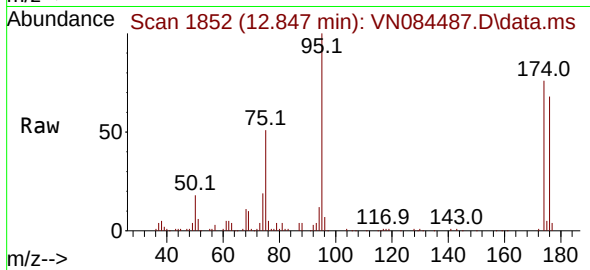
Tgt Ion: 98 Resp: 407750  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.7 79.1





#62  
4-Bromofluorobenzene  
Concen: 46.856 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN084487.D  
Acq: 24 Oct 2024 14:46

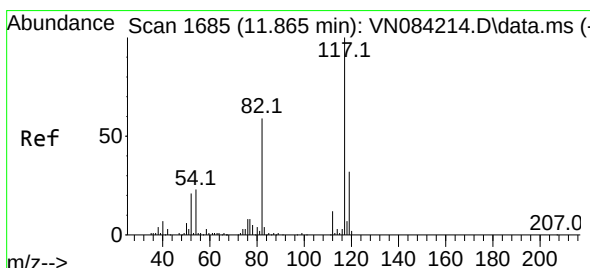
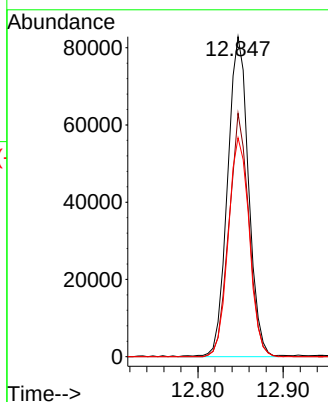
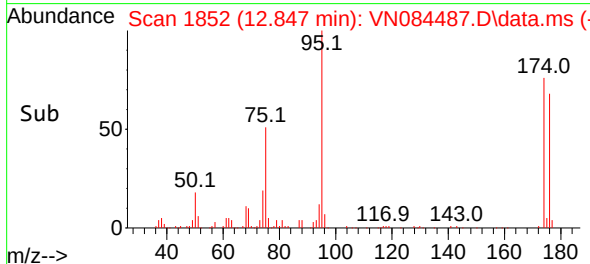
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB164314ZHE#01



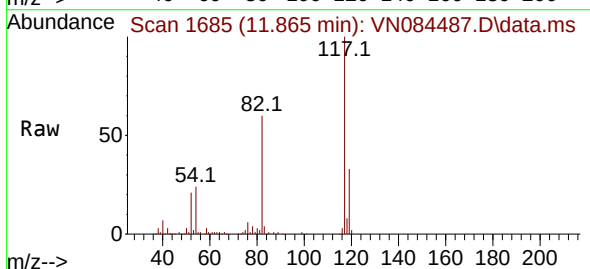
Tgt Ion: 95 Resp: 141597  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 145.2  
176 68.4 0.0 140.0

Manual Integrations  
APPROVED

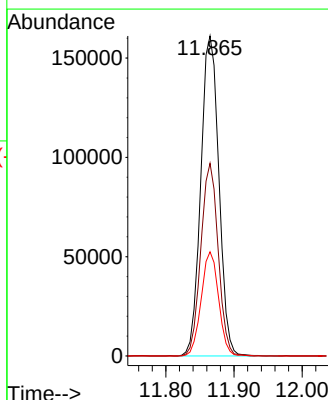
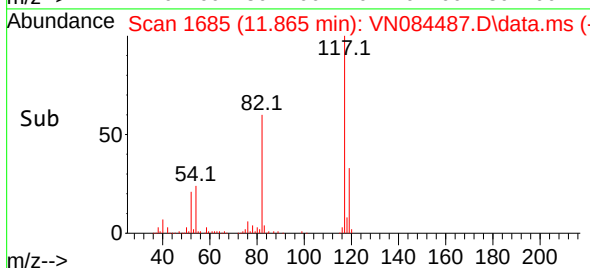
Reviewed By :Mahesh Dadoda 10/25/2024  
Supervised By :Semsettin Yesilyurt 10/25/2024

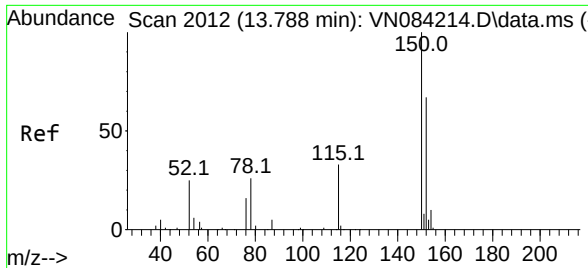


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN084487.D  
Acq: 24 Oct 2024 14:46



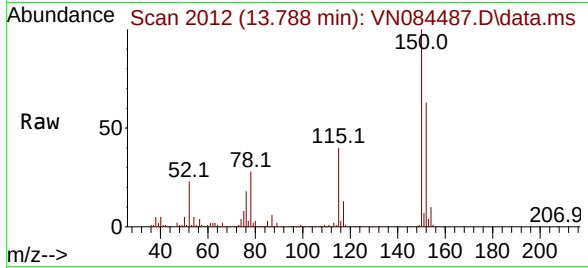
Tgt Ion:117 Resp: 297581  
Ion Ratio Lower Upper  
117 100  
82 60.2 47.2 70.8  
119 32.5 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.788 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN084487.D  
 Acq: 24 Oct 2024 14:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB164314ZHE#01



Tgt Ion:152 Resp: 12197  
 Ion Ratio Lower Upper  
 152 100  
 115 64.1 31.3 93.9  
 150 156.8 0.0 349.8

Manual Integrations  
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