

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081624\  
 Data File : VN083360.D  
 Acq On : 16 Aug 2024 17:40  
 Operator : JC\MD  
 Sample : PB162767ZHE#04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB162767ZHE#04

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 08/19/2024  
 Supervised By :Semsettin Yesilyurt 08/19/2024

Quant Time: Aug 17 01:52:31 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 08 06:30:41 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response             | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|----------------------|--------|--------|----------|
| -----                       |                |      |                      |        |        |          |
| Internal Standards          |                |      |                      |        |        |          |
| 1) Pentafluorobenzene       | 8.230          | 168  | 115407               | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106          | 114  | 237811               | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 258094               | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152  | 116180               | 50.000 | ug/l   | 0.00     |
|                             |                |      |                      |        |        |          |
| System Monitoring Compounds |                |      |                      |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.583          | 65   | 103993               | 63.307 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 126.620%# |        |        |          |
| 35) Dibromofluoromethane    | 8.171          | 113  | 83949                | 56.555 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 113.120%  |        |        |          |
| 50) Toluene-d8              | 10.571         | 98   | 318051               | 57.441 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 114.880%# |        |        |          |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 134213               | 62.174 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 124.340%# |        |        |          |
|                             |                |      |                      |        |        |          |
| Target Compounds            |                |      |                      |        | Qvalue |          |
| 16) Acetone                 | 4.442          | 43   | 23780                | 36.996 | ug/l   | 98       |
| 20) Methylene Chloride      | 5.283          | 84   | 7285                 | 4.925  | ug/l # | 75       |
| 25) 2-Butanone              | 7.506          | 43   | 4753                 | 4.816  | ug/l   | 91       |
| 43) Isopropyl Acetate       | 8.689          | 43   | 200168m              | 45.625 | ug/l   |          |
| -----                       |                |      |                      |        |        |          |

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

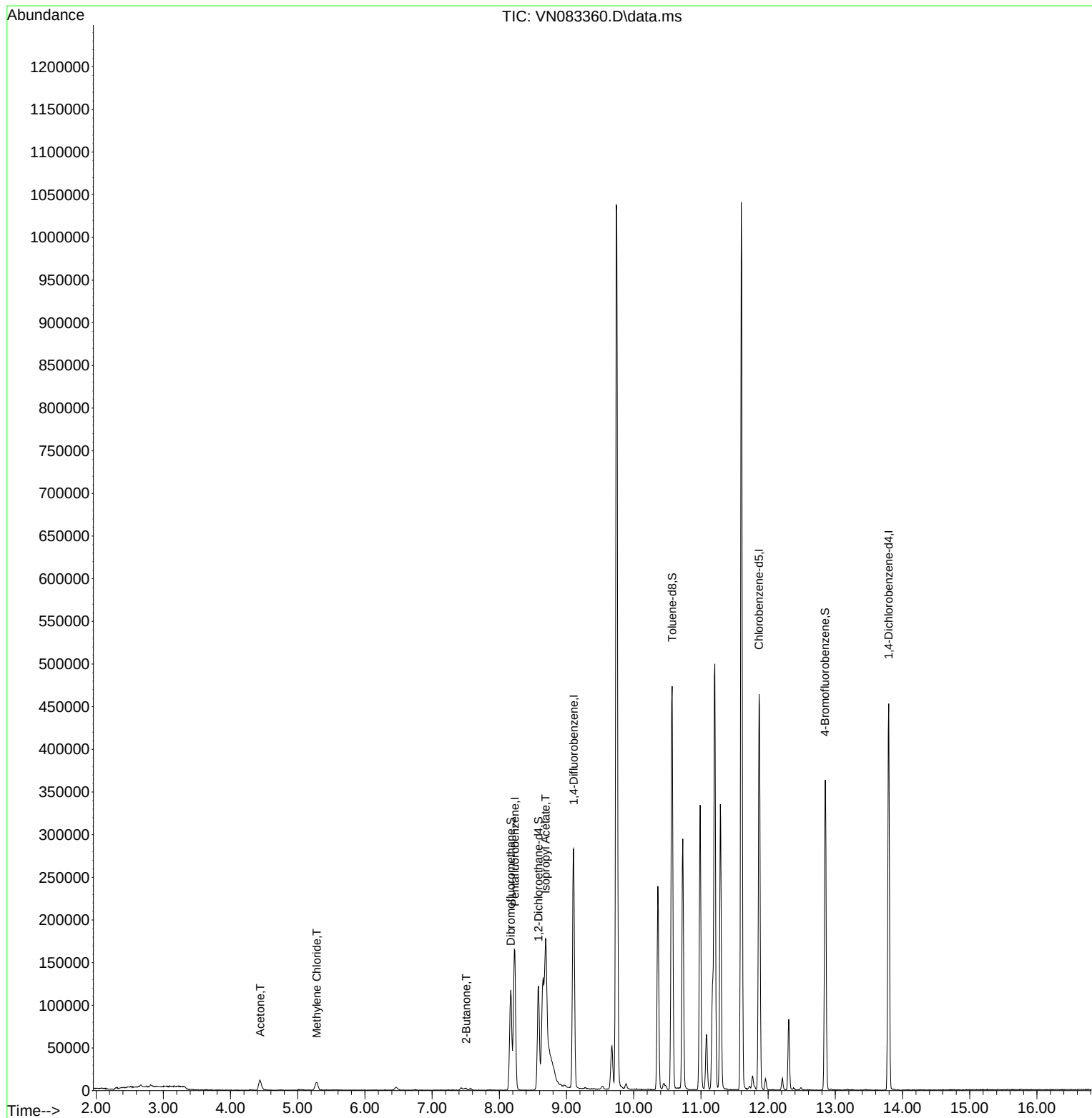
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081624\  
Data File : VN083360.D  
Acq On : 16 Aug 2024 17:40  
Operator : JC\MD  
Sample : PB162767ZHE#04  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 17 Sample Multiplier: 1

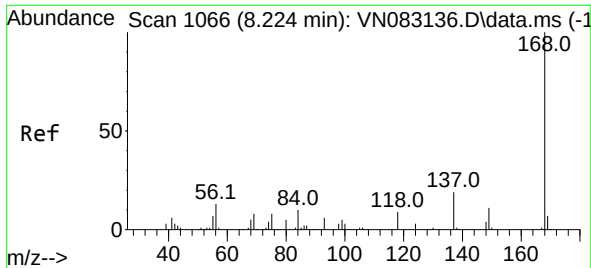
Instrument :  
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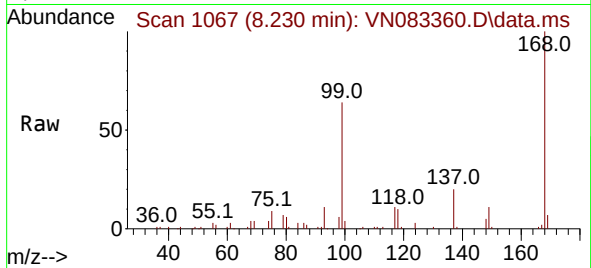
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 08 06:30:41 2024  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN083360.D  
Acq: 16 Aug 2024 17:40

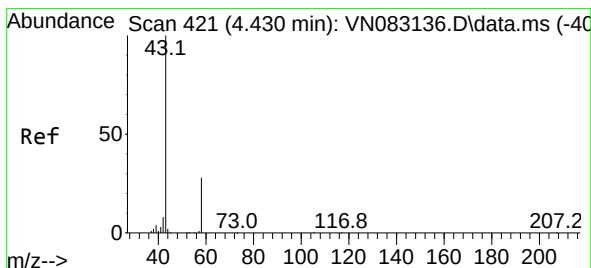
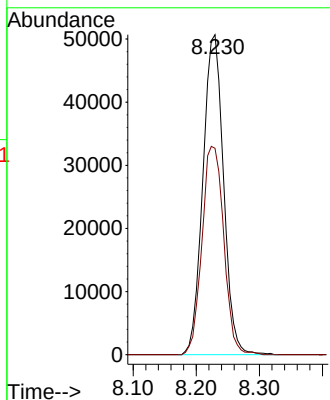
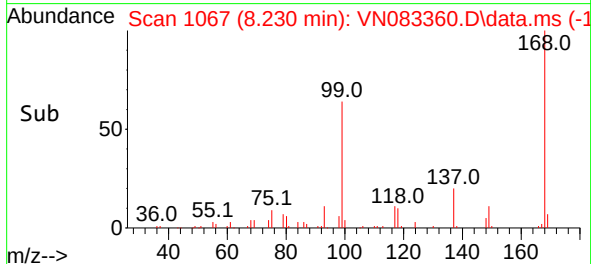
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB162767ZHE#04



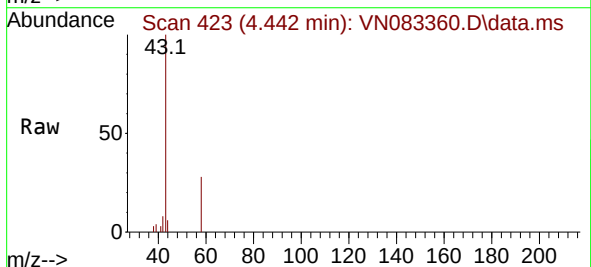
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Ion Ratio Lower Upper  
168 100  
99 64.5 48.2 72.4

Manual Integrations  
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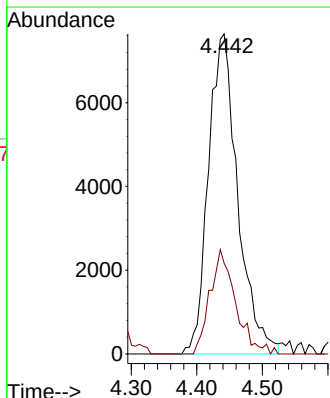
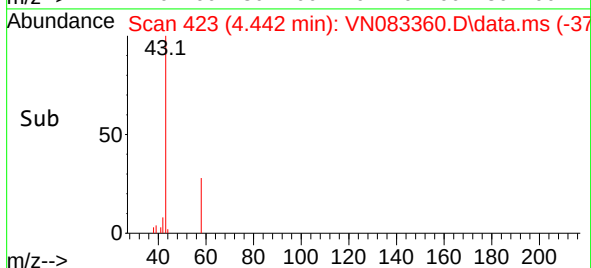
Reviewed By :Mahesh Dadoda 08/19/2024  
Supervised By :Semsettin Yesilyurt 08/19/2024

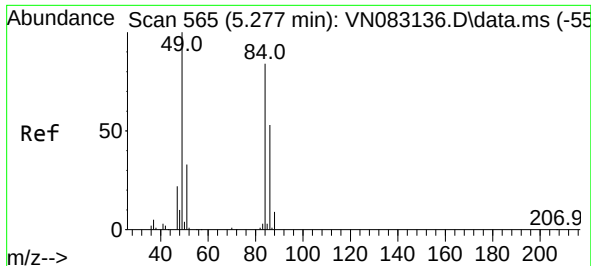


#16  
Acetone  
Concen: 36.996 ug/l  
RT: 4.442 min Scan# 423  
Delta R.T. 0.012 min  
Lab File: VN083360.D  
Acq: 16 Aug 2024 17:40



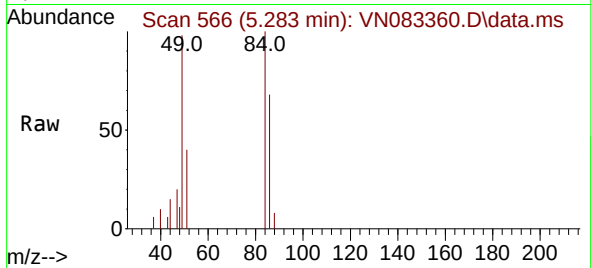
Tgt Ion: 43 Resp: 23780  
Ion Ratio Lower Upper  
43 100  
58 28.4 21.8 32.6





#20  
Methylene Chloride  
Concen: 4.925 ug/l  
RT: 5.283 min Scan# 501  
Delta R.T. 0.006 min  
Lab File: VN083360.D  
Acq: 16 Aug 2024 17:40

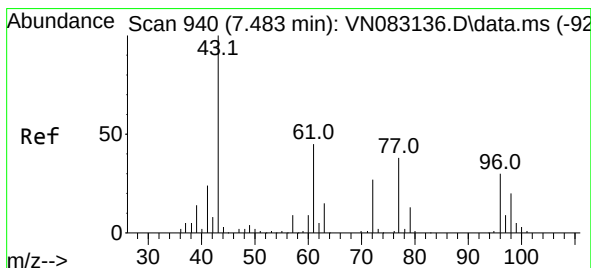
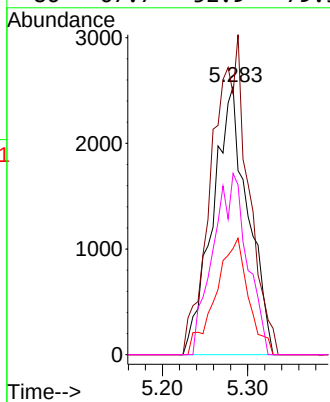
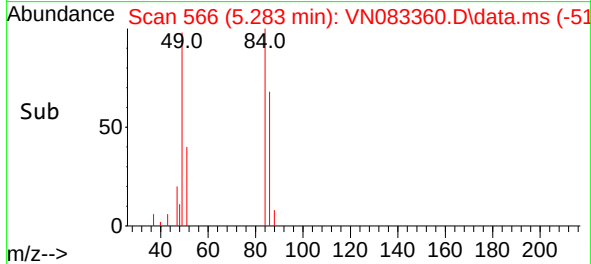
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB162767ZHE#04



Tgt Ion: 84 Resp: 7285  
Ion Ratio Lower Upper  
84 100  
49 97.5 119.6 179.4  
51 39.7 34.8 52.2  
86 67.7 52.9 79.3

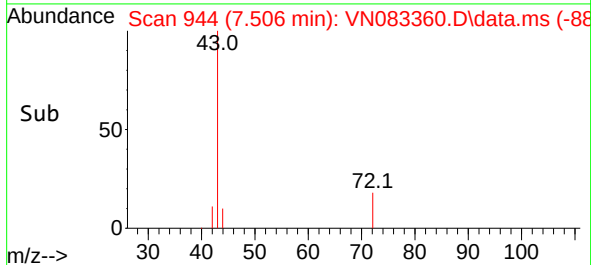
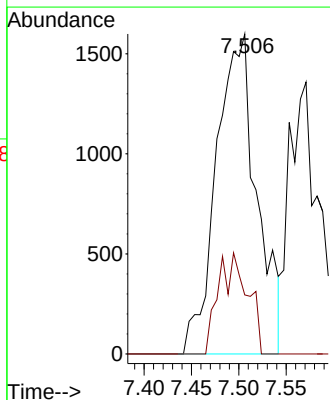
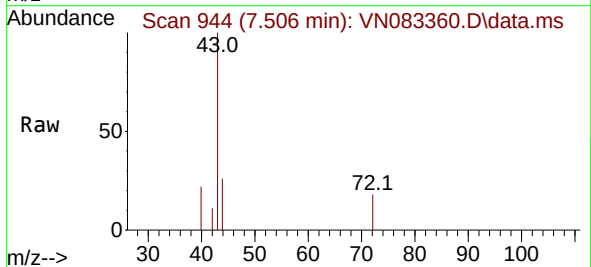
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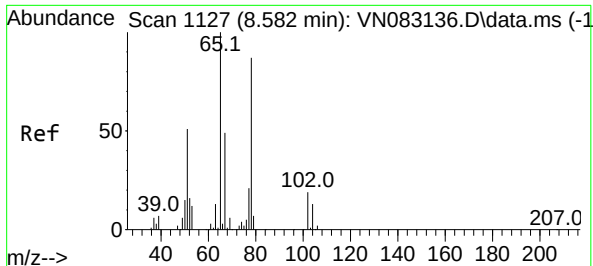
Reviewed By :Mahesh Dadoda 08/19/2024  
Supervised By :Semsettin Yesilyurt 08/19/2024



#25  
2-Butanone  
Concen: 4.816 ug/l  
RT: 7.506 min Scan# 944  
Delta R.T. 0.024 min  
Lab File: VN083360.D  
Acq: 16 Aug 2024 17:40

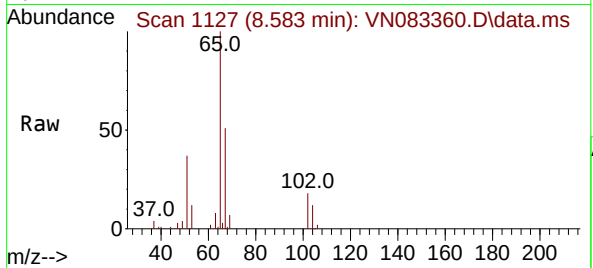
Tgt Ion: 43 Resp: 4753  
Ion Ratio Lower Upper  
43 100  
72 18.4 18.2 27.2





#33  
1,2-Dichloroethane-d4  
Concen: 63.307 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.001 min  
Lab File: VN083360.D  
Acq: 16 Aug 2024 17:40

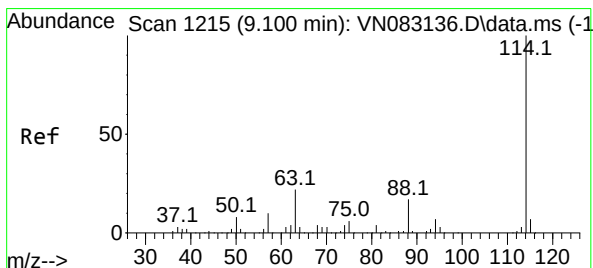
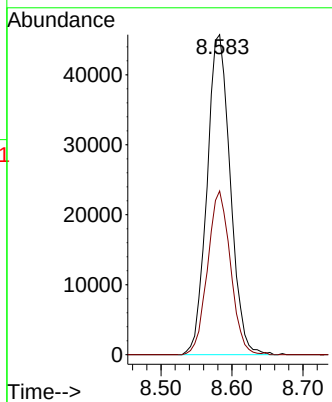
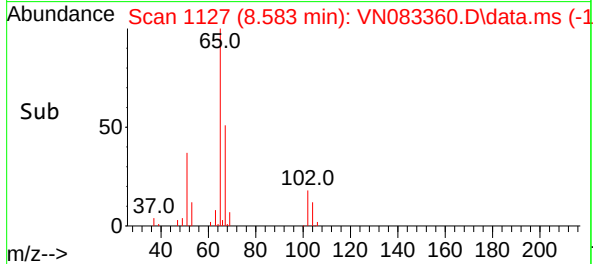
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB162767ZHE#04



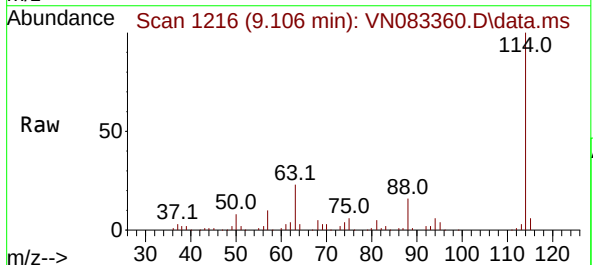
Tgt Ion: 65 Resp: 10399  
Ion Ratio Lower Upper  
65 100  
67 50.3 0.0 104.4

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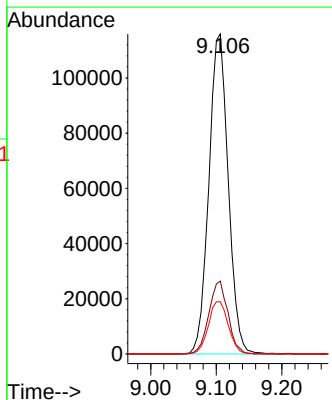
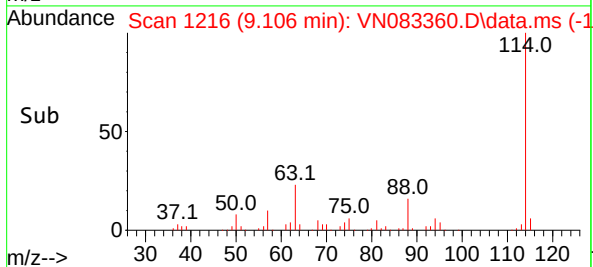
Reviewed By :Mahesh Dadoda 08/19/2024  
Supervised By :Semsettin Yesilyurt 08/19/2024

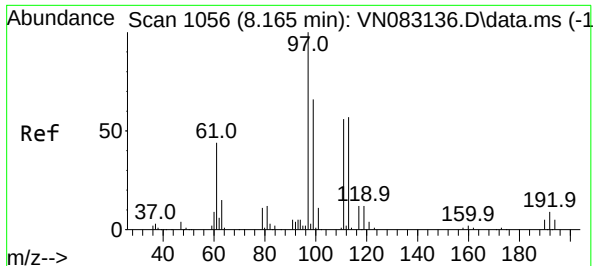


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1216  
Delta R.T. 0.006 min  
Lab File: VN083360.D  
Acq: 16 Aug 2024 17:40



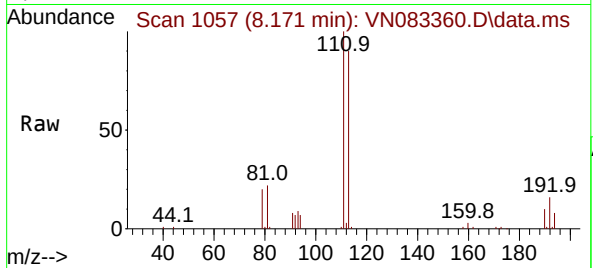
Tgt Ion:114 Resp: 237811  
Ion Ratio Lower Upper  
114 100  
63 22.7 0.0 44.6  
88 16.3 0.0 31.4





#35  
Dibromofluoromethane  
Concen: 56.555 ug/l  
RT: 8.171 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN083360.D  
Acq: 16 Aug 2024 17:40

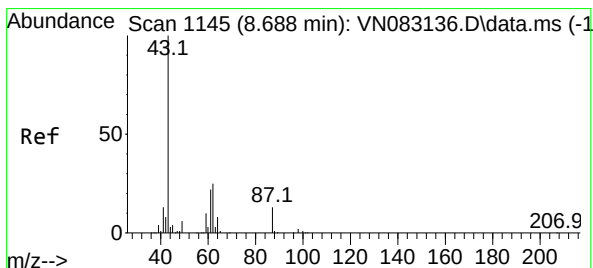
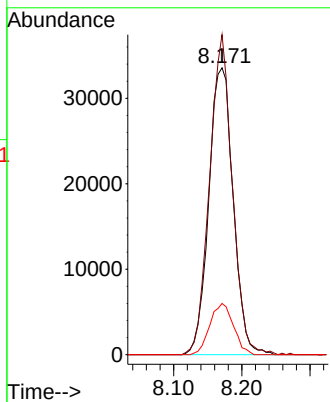
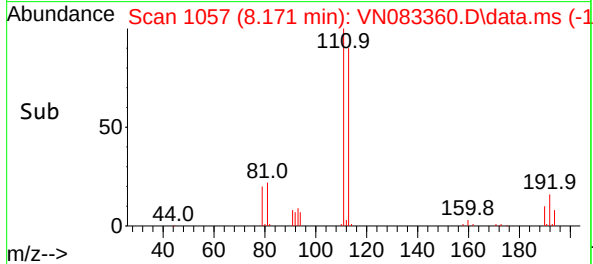
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB162767ZHE#04



Tgt Ion: 113 Resp: 83949  
Ion Ratio Lower Upper  
113 100  
111 103.6 82.4 123.6  
192 17.2 14.9 22.3

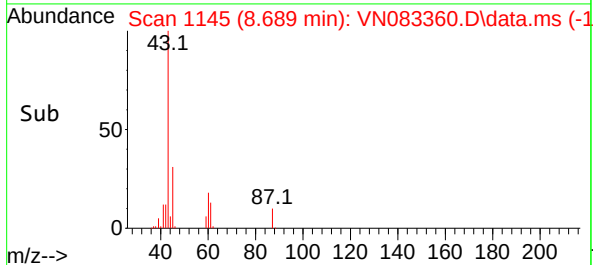
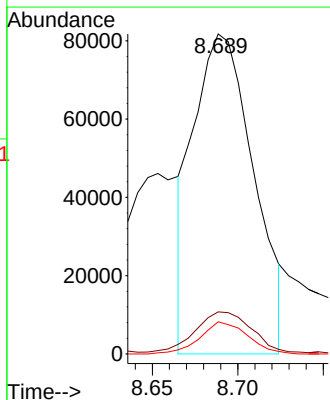
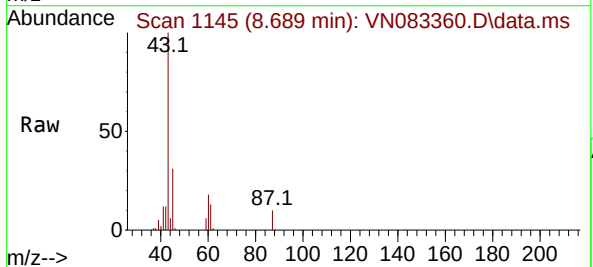
Manual Integrations  
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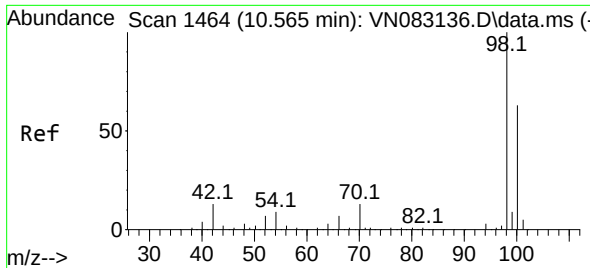
Reviewed By :Mahesh Dadoda 08/19/2024  
Supervised By :Semsettin Yesilyurt 08/19/2024



#43  
Isopropyl Acetate  
Concen: 45.625 ug/l m  
RT: 8.689 min Scan# 1145  
Delta R.T. 0.001 min  
Lab File: VN083360.D  
Acq: 16 Aug 2024 17:40

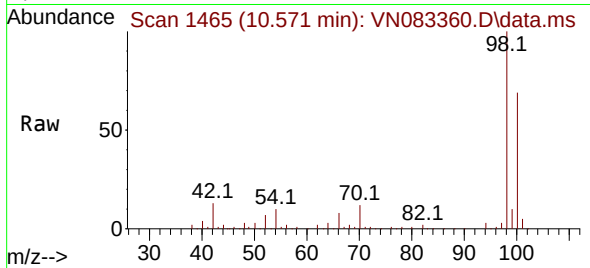
Tgt Ion: 43 Resp: 200168  
Ion Ratio Lower Upper  
43 100  
61 12.6 17.8 26.6#  
87 8.0 8.2 12.2#





#50  
Toluene-d8  
Concen: 57.441 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN083360.D  
Acq: 16 Aug 2024 17:40

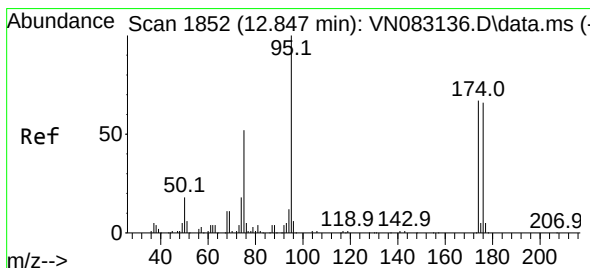
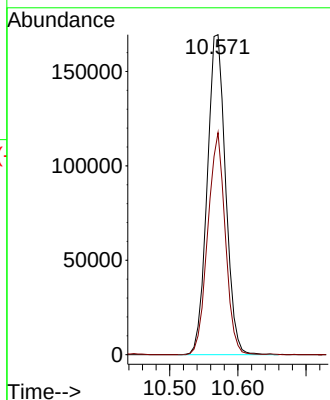
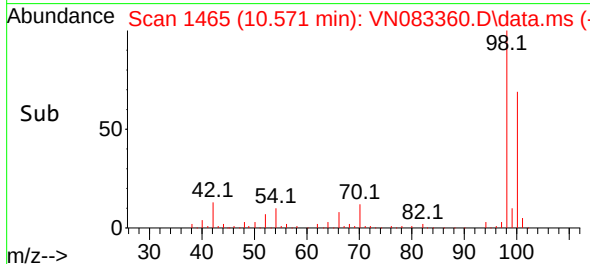
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB162767ZHE#04



Tgt Ion: 98 Resp: 31805  
Ion Ratio Lower Upper  
98 100  
100 66.0 51.5 77.3

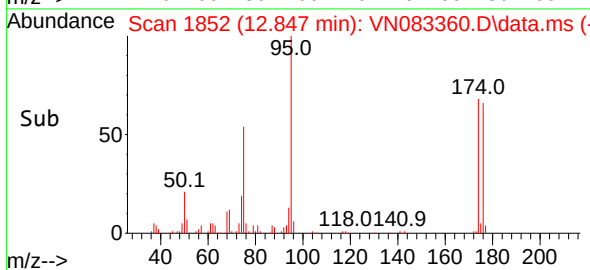
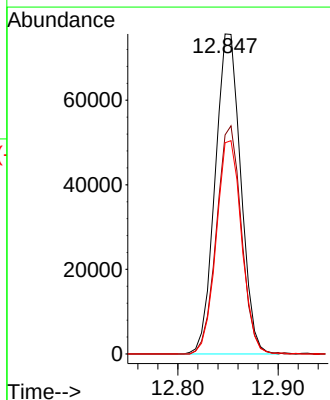
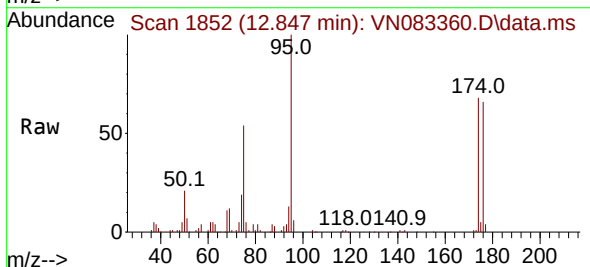
Manual Integrations  
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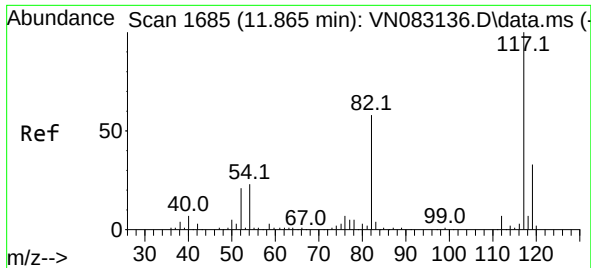
Reviewed By :Mahesh Dadoda 08/19/2024  
Supervised By :Semsettin Yesilyurt 08/19/2024



#62  
4-Bromofluorobenzene  
Concen: 62.174 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN083360.D  
Acq: 16 Aug 2024 17:40

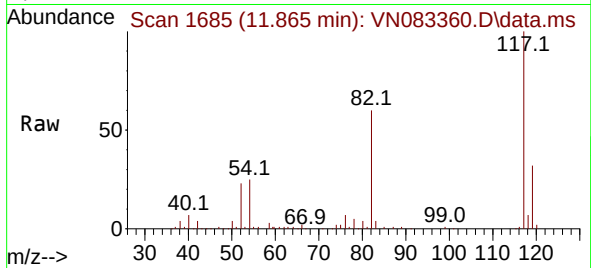
Tgt Ion: 95 Resp: 134213  
Ion Ratio Lower Upper  
95 100  
174 69.4 0.0 159.2  
176 66.1 0.0 147.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN083360.D  
Acq: 16 Aug 2024 17:40

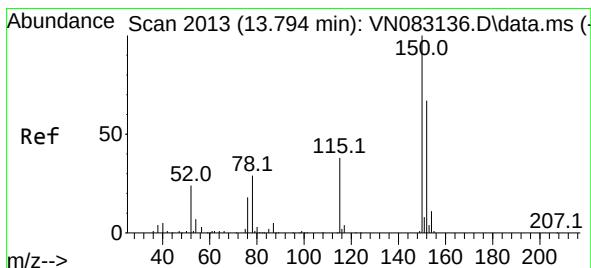
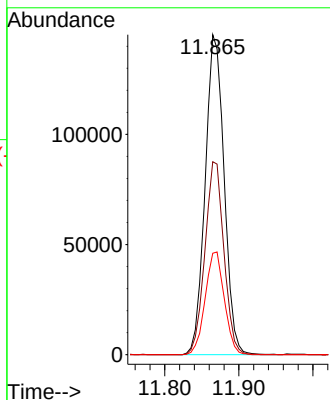
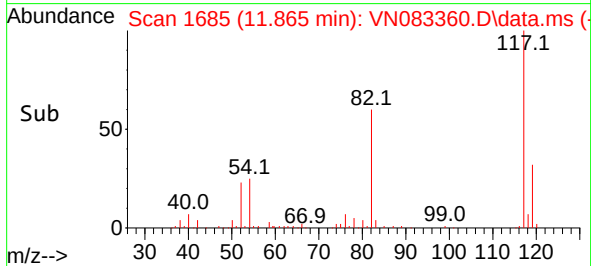
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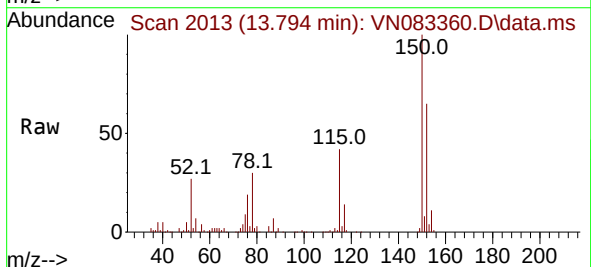
Tgt Ion:117 Resp: 258094  
Ion Ratio Lower Upper  
117 100  
82 60.3 47.5 71.3  
119 31.7 25.6 38.4

Manual Integrations  
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Supervised By :Semsettin Yesilyurt 08/19/2024



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN083360.D  
Acq: 16 Aug 2024 17:40



Tgt Ion:152 Resp: 116180  
Ion Ratio Lower Upper  
152 100  
115 65.3 30.6 91.6  
150 155.9 0.0 348.6

