

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022324\  
 Data File : VX040435.D  
 Acq On : 23 Feb 2024 16:32  
 Operator : JC/MD  
 Sample : PB159217ZHE#05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB159217ZHE#05

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 02/26/2024  
 Supervised By : Mahesh Dadoda 02/26/2024

Quant Time: Feb 23 22:21:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022224W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 23 06:47:29 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 70233               | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 127122              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 128039              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 61334               | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 58593               | 51.226 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = 102.460% |        |        |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 42739               | 49.891 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 99.780%  |        |        |          |
| 50) Toluene-d8              | 8.647          | 98   | 161267              | 52.118 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = 104.240% |        |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 63682               | 51.359 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 102.720% |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        | Qvalue |          |
| 16) Acetone                 | 2.379          | 43   | 23717               | 49.764 | ug/l   | 99       |
| 20) Methylene Chloride      | 2.788          | 84   | 8313                | 8.331  | ug/l   | 94       |
| 37) Ethyl Acetate           | 4.727          | 43   | 2134m               | 1.409  | ug/l   |          |
| 43) Isopropyl Acetate       | 6.342          | 43   | 64619               | 27.803 | ug/l   | 99       |
| -----                       |                |      |                     |        |        |          |

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

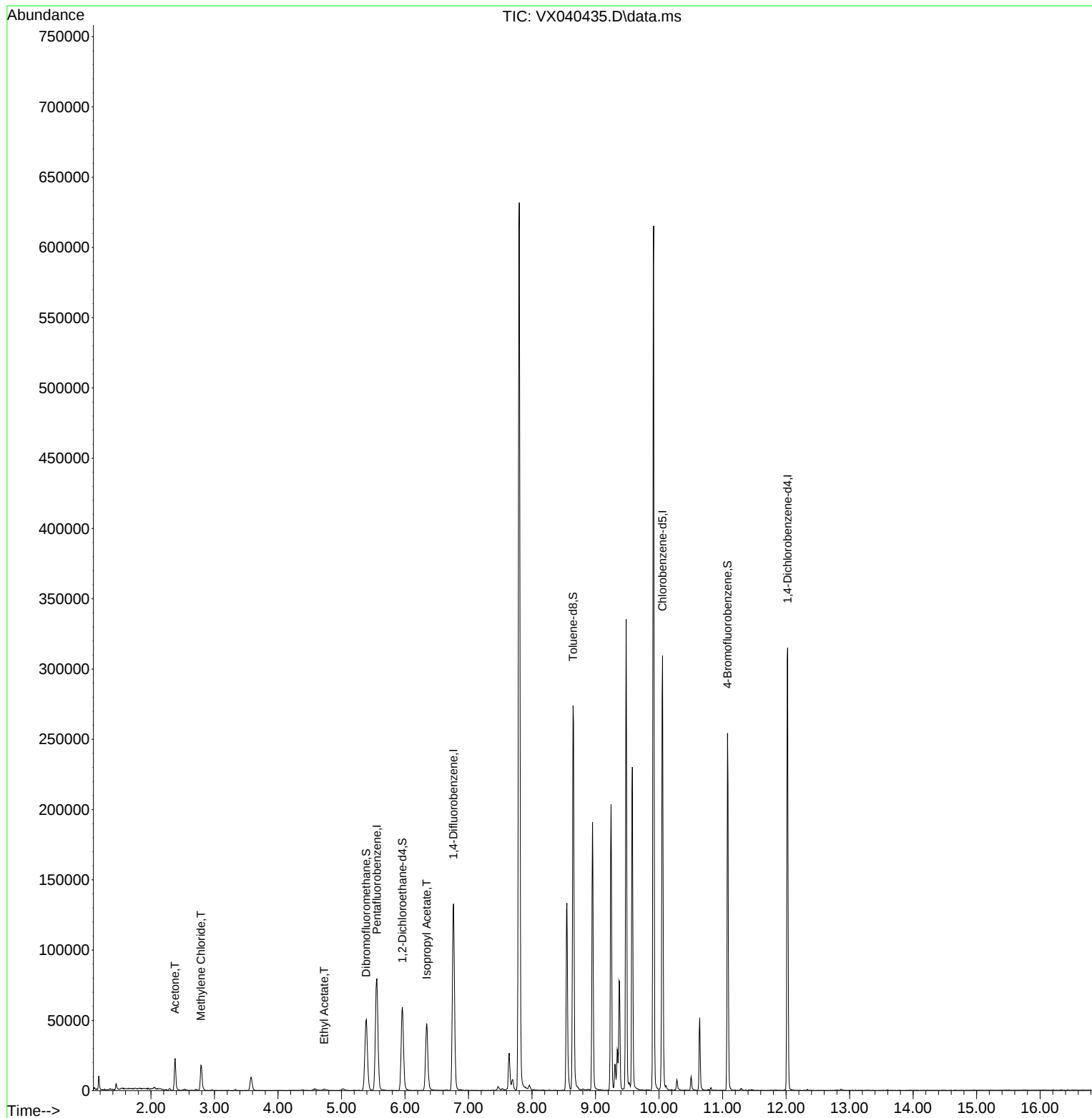
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022324\  
Data File : VX040435.D  
Acq On : 23 Feb 2024 16:32  
Operator : JC/MD  
Sample : PB159217ZHE#05  
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ALS Vial : 17 Sample Multiplier: 1

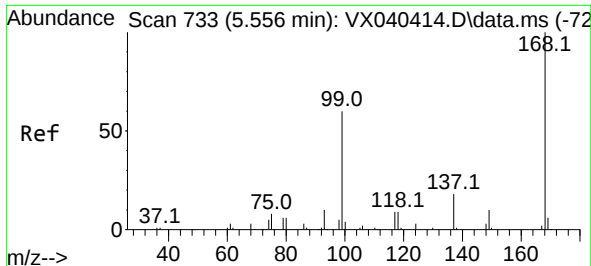
Instrument :  
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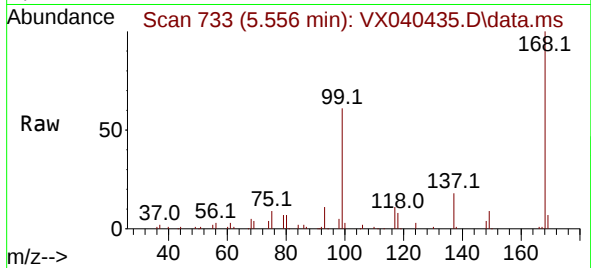
Quant Time: Feb 23 22:21:30 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022224W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 23 06:47:29 2024  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: VX040435.D  
Acq: 23 Feb 2024 16:32

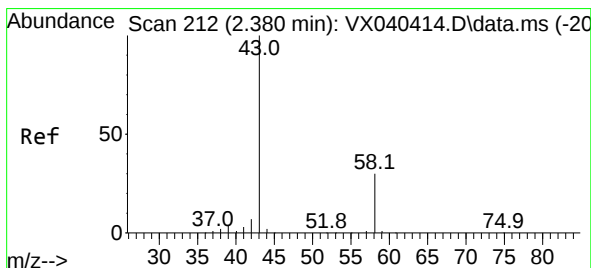
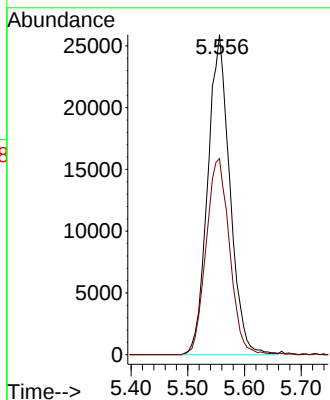
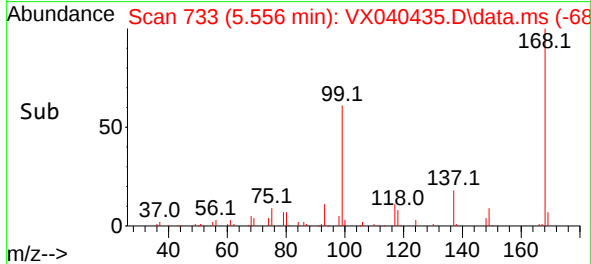
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB159217ZHE#05



Tgt Ion:168 Resp: 7023  
Ion Ratio Lower Upper  
168 100  
99 61.2 56.6 85.0

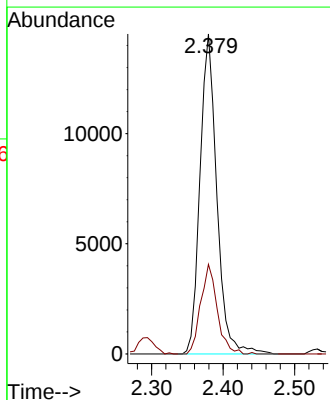
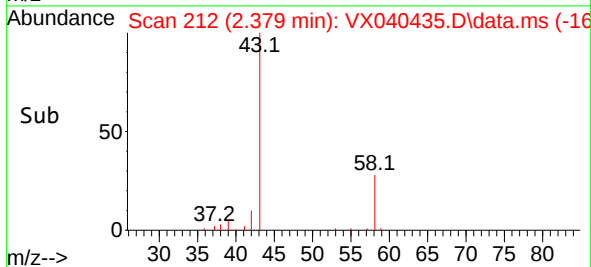
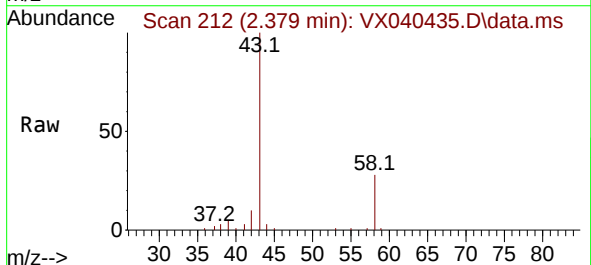
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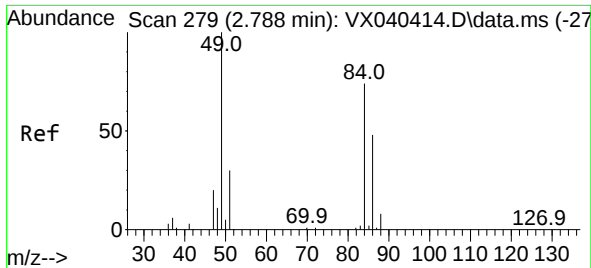
Reviewed By :John Carlone 02/26/2024  
Supervised By :Mahesh Dadoda 02/26/2024



#16  
Acetone  
Concen: 49.764 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX040435.D  
Acq: 23 Feb 2024 16:32

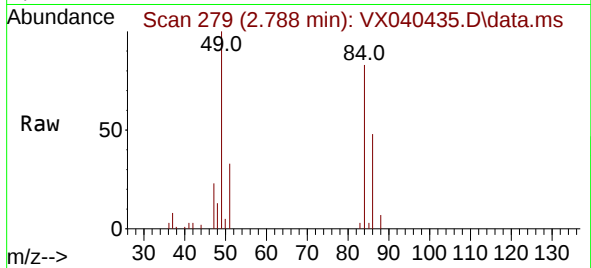
Tgt Ion: 43 Resp: 23717  
Ion Ratio Lower Upper  
43 100  
58 28.0 21.9 32.9





#20  
Methylene Chloride  
Concen: 8.331 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX040435.D  
Acq: 23 Feb 2024 16:32

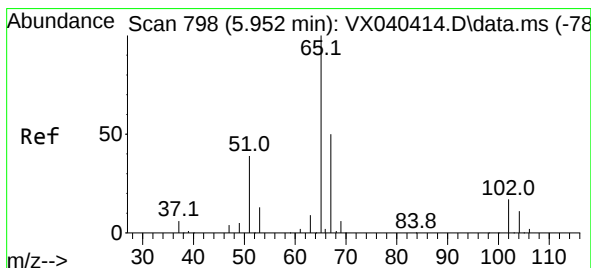
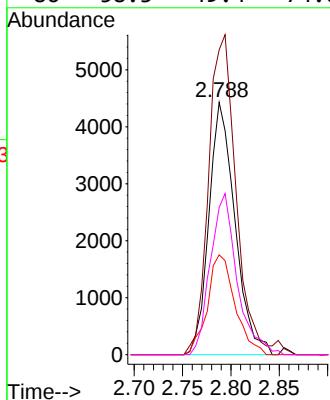
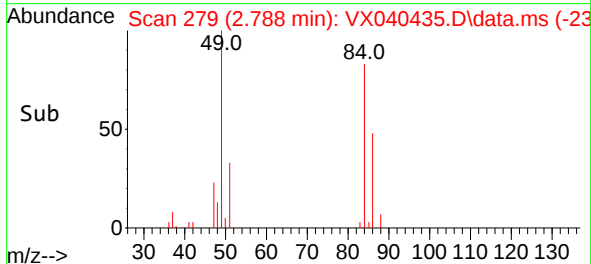
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB159217ZHE#05



Tgt Ion: 84 Resp: 831  
Ion Ratio Lower Upper  
84 100  
49 120.8 103.6 155.4  
51 39.5 33.8 50.6  
86 58.3 49.4 74.0

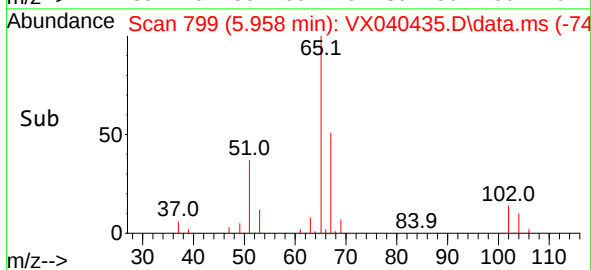
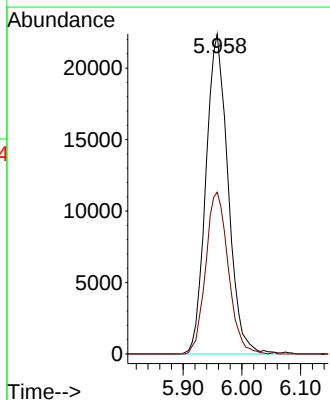
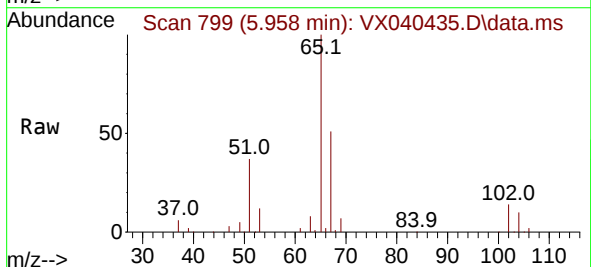
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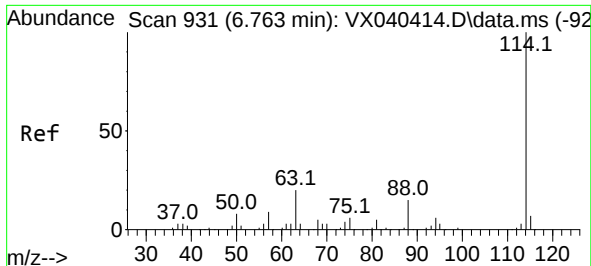
Reviewed By :John Carlone 02/26/2024  
Supervised By :Mahesh Dadoda 02/26/2024



#33  
1,2-Dichloroethane-d4  
Concen: 51.226 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX040435.D  
Acq: 23 Feb 2024 16:32

Tgt Ion: 65 Resp: 58593  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 100.2





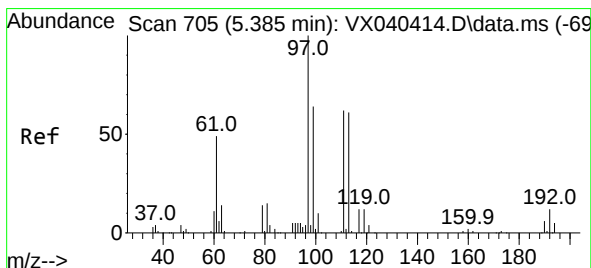
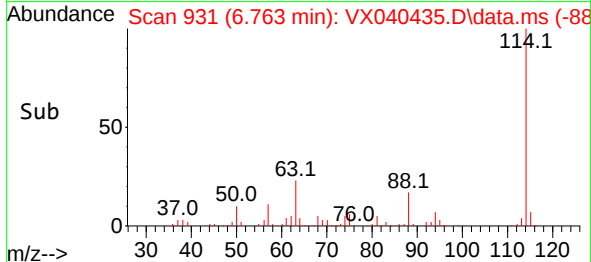
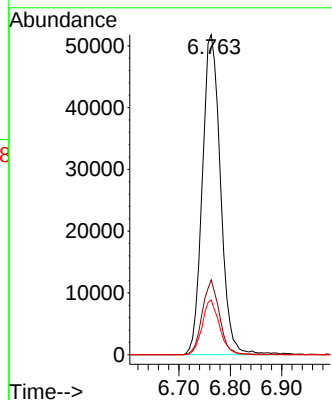
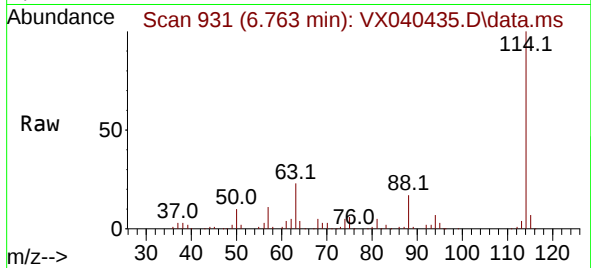
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX040435.D  
Acq: 23 Feb 2024 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB159217ZHE#05

Tgt Ion:114 Resp: 12712  
Ion Ratio Lower Upper  
114 100  
63 23.4 0.0 45.0  
88 17.1 0.0 36.6

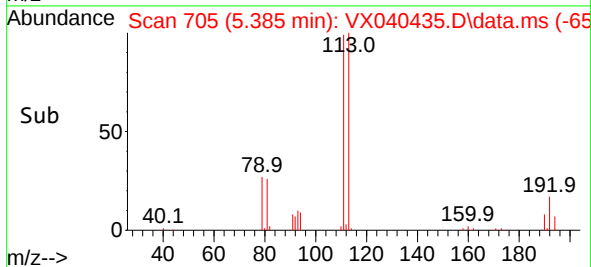
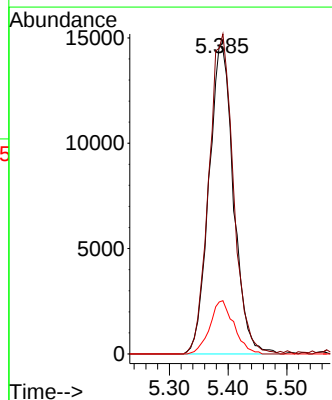
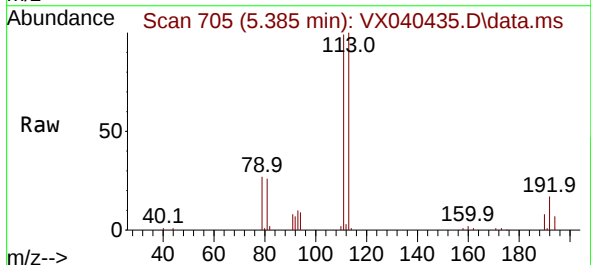
Manual Integrations  
APPROVED

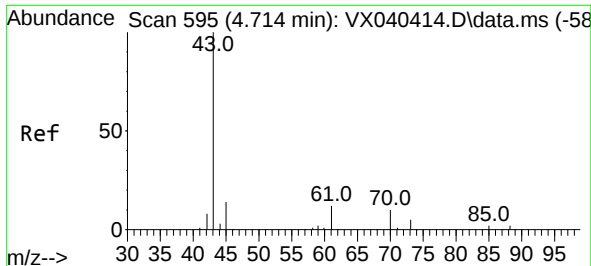
Reviewed By :John Carlone 02/26/2024  
Supervised By :Mahesh Dadoda 02/26/2024



#35  
Dibromofluoromethane  
Concen: 49.891 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX040435.D  
Acq: 23 Feb 2024 16:32

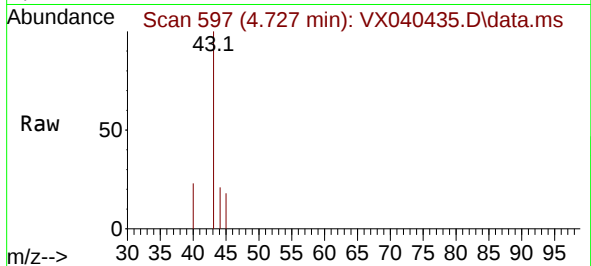
Tgt Ion:113 Resp: 42739  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.9 124.3  
192 16.9 13.3 19.9





#37  
Ethyl Acetate  
Concen: 1.409 ug/l m  
RT: 4.727 min Scan# 595  
Delta R.T. 0.012 min  
Lab File: VX040435.D  
Acq: 23 Feb 2024 16:32

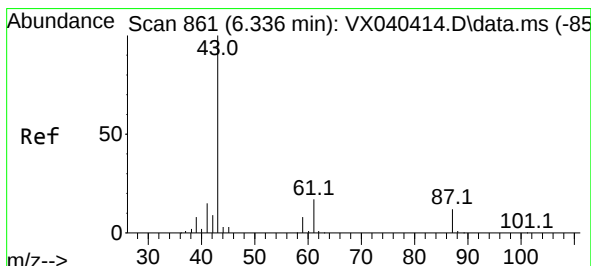
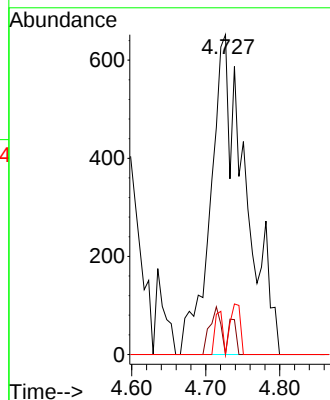
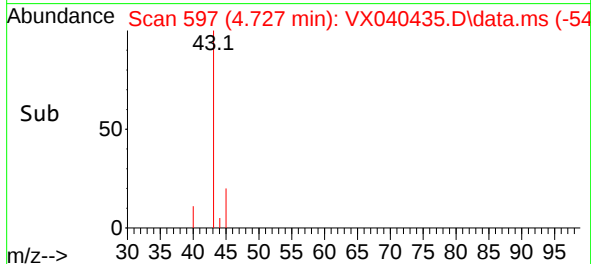
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB159217ZHE#05



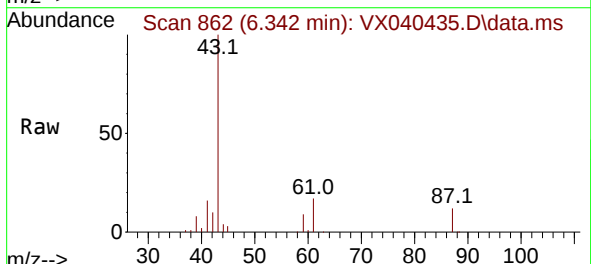
Tgt Ion: 43 Resp: 2134  
Ion Ratio Lower Upper  
43 100  
61 2.4 10.6 16.0  
70 4.6 8.3 12.5

Manual Integrations  
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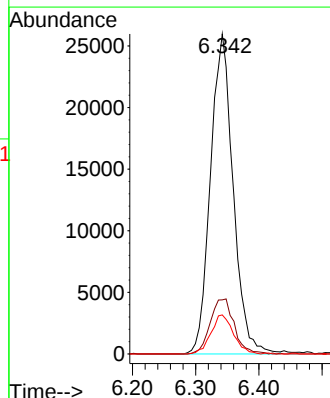
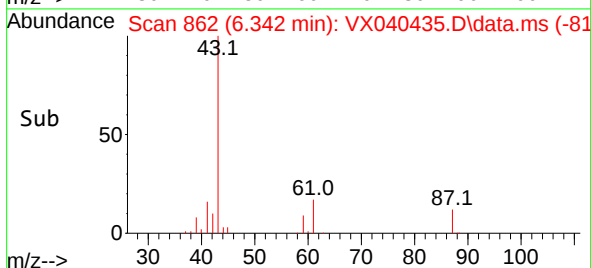
Reviewed By :John Carlone 02/26/2024  
Supervised By :Mahesh Dadoda 02/26/2024

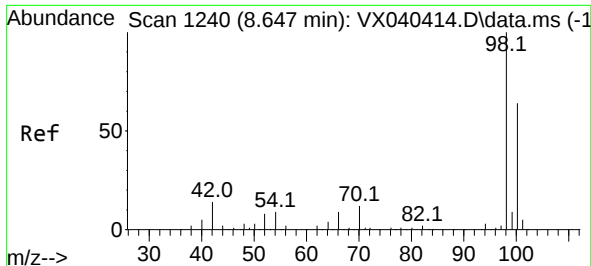


#43  
Isopropyl Acetate  
Concen: 27.803 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX040435.D  
Acq: 23 Feb 2024 16:32



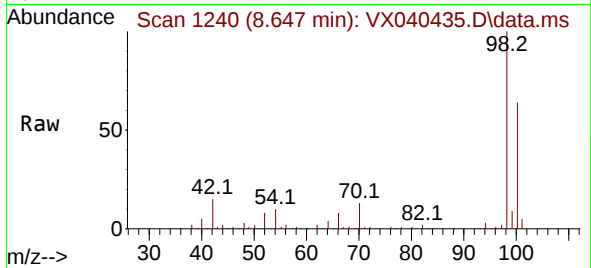
Tgt Ion: 43 Resp: 64619  
Ion Ratio Lower Upper  
43 100  
61 18.1 15.2 22.8  
87 12.1 9.8 14.6





#50  
Toluene-d8  
Concen: 52.118 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX040435.D  
Acq: 23 Feb 2024 16:32

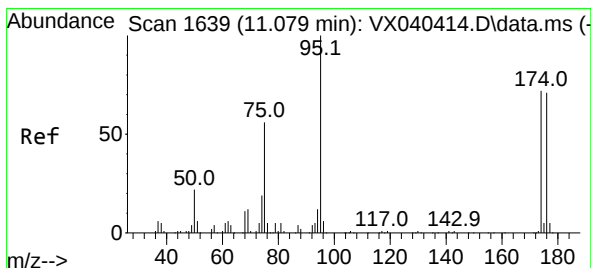
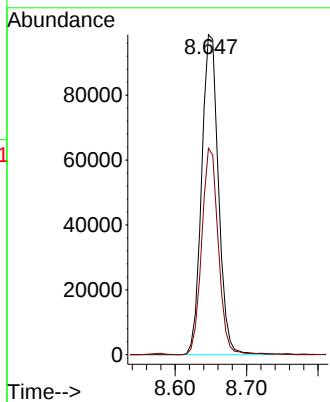
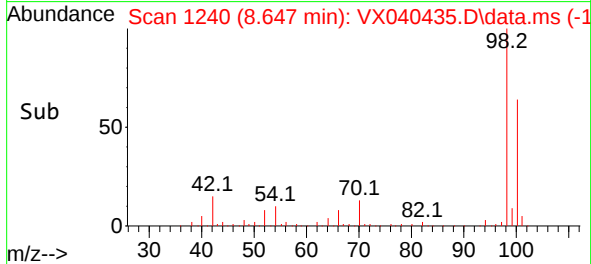
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB159217ZHE#05



Tgt Ion: 98 Resp: 16126  
Ion Ratio Lower Upper  
98 100  
100 63.8 53.1 79.7

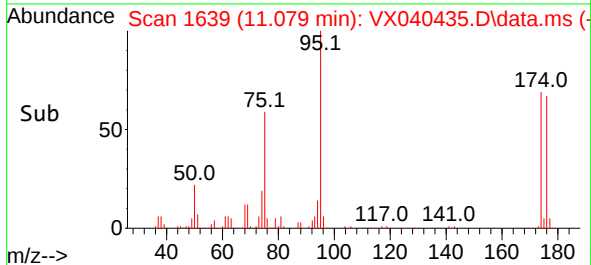
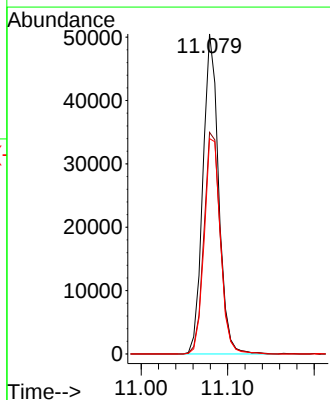
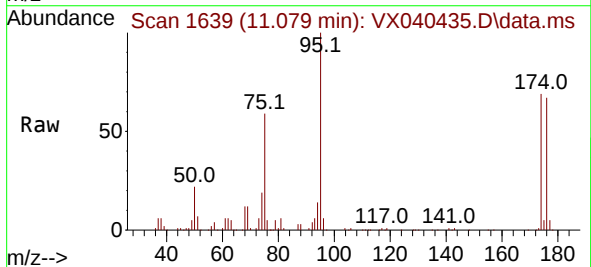
Manual Integrations  
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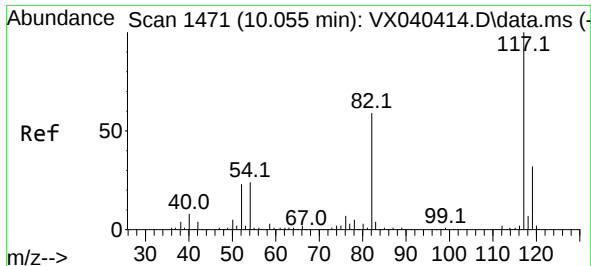
Reviewed By :John Carlone 02/26/2024  
Supervised By :Mahesh Dadoda 02/26/2024



#62  
4-Bromofluorobenzene  
Concen: 51.359 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX040435.D  
Acq: 23 Feb 2024 16:32

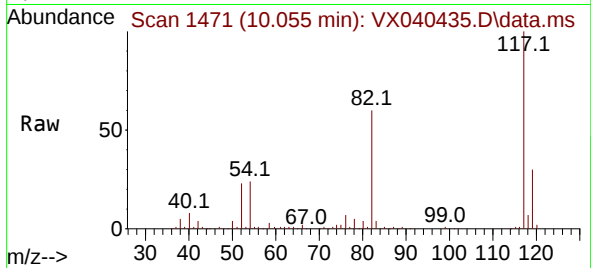
Tgt Ion: 95 Resp: 63682  
Ion Ratio Lower Upper  
95 100  
174 72.4 0.0 135.6  
176 69.8 0.0 131.0





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX040435.D  
Acq: 23 Feb 2024 16:32

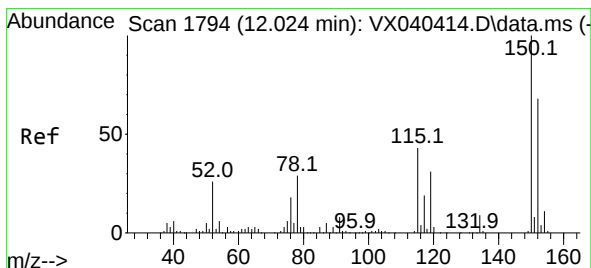
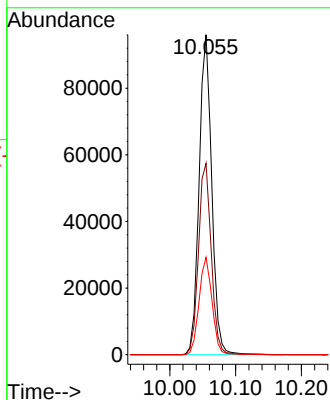
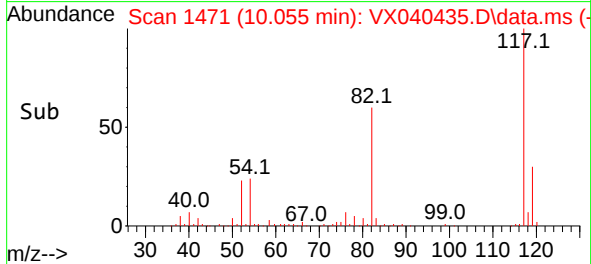
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB159217ZHE#05



Tgt Ion:117 Resp: 128039  
Ion Ratio Lower Upper  
117 100  
82 59.8 46.2 69.4  
119 30.4 25.5 38.3

Manual Integrations  
APPROVED

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Supervised By :Mahesh Dadoda 02/26/2024



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX040435.D  
Acq: 23 Feb 2024 16:32

Tgt Ion:152 Resp: 61334  
Ion Ratio Lower Upper  
152 100  
115 62.8 43.3 129.9  
150 159.2 0.0 345.0

