

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042324\  
 Data File : VX041218.D  
 Acq On : 23 Apr 2024 16:27  
 Operator : JC/MD  
 Sample : P2185-04  
 Misc : 1.32g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 412

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 04/24/2024  
 Supervised By : Mahesh Dadoda 04/24/2024

Quant Time: Apr 24 01:49:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042224W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 23 05:30:28 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 5.544          | 168  | 204839              | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 300717              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 275841              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.030         | 152  | 127948              | 50.000 | ug/l  | # 0.00   |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 103090              | 52.869 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = 105.740% |        |       |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 85735               | 46.870 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 93.740%  |        |       |          |
| 50) Toluene-d8              | 8.647          | 98   | 296325              | 48.014 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = 96.020%  |        |       |          |
| 62) 4-Bromofluorobenzene    | 11.085         | 95   | 129313              | 56.768 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 113.540% |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 16) Acetone                 | 2.422          | 43   | 6304                | 8.882  | ug/l  | 98       |
| 68) m/p-Xylenes             | 10.299         | 106  | 3883                | 1.062  | ug/l  | 95       |
| 80) 1,3,5-Trimethylbenzene  | 11.439         | 105  | 13233               | 1.998  | ug/l  | 71       |
| 84) 1,2,4-Trimethylbenzene  | 11.750         | 105  | 19215m              | 2.923  | ug/l  |          |
| 95) Naphthalene             | 13.780         | 128  | 9027                | 1.087  | ug/l  | 99       |
| -----                       |                |      |                     |        |       |          |

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

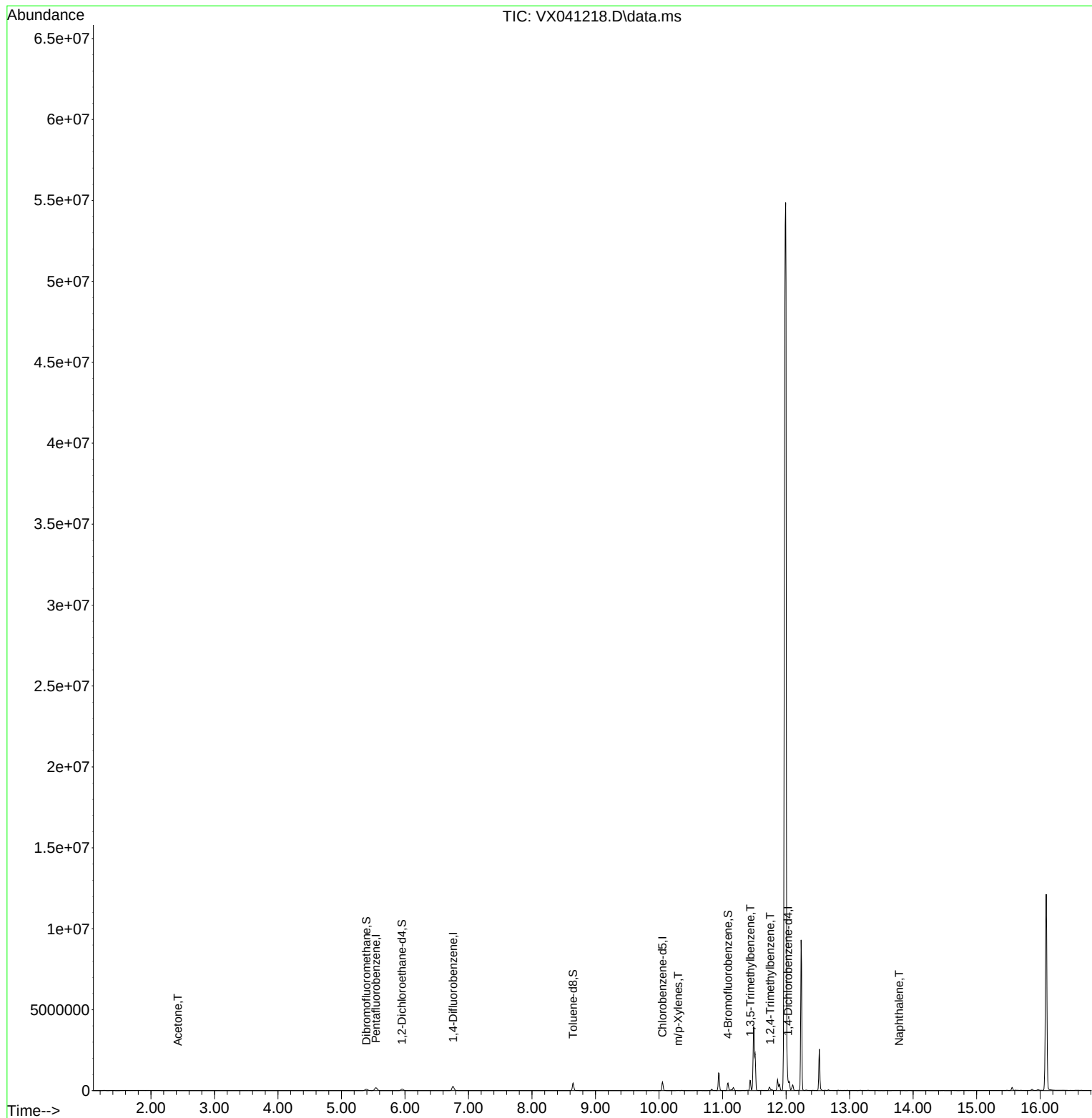
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042324\  
Data File : VX041218.D  
Acq On : 23 Apr 2024 16:27  
Operator : JC/MD  
Sample : P2185-04  
Misc : 1.32g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

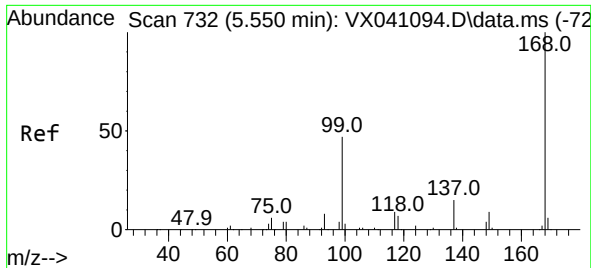
Instrument :  
MSVOA\_X  
ClientSampleId :  
412

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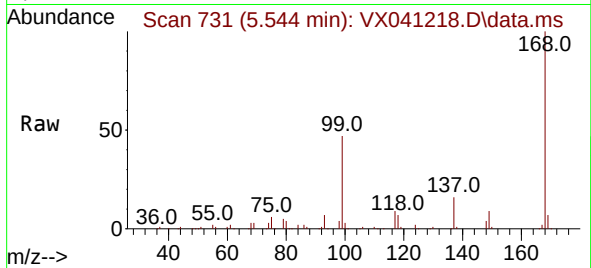
Quant Time: Apr 24 01:49:40 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042224W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 23 05:30:28 2024  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: VX041218.D  
Acq: 23 Apr 2024 16:27

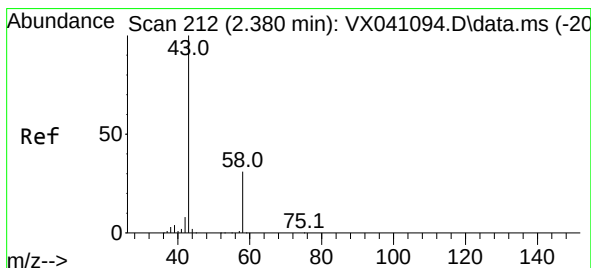
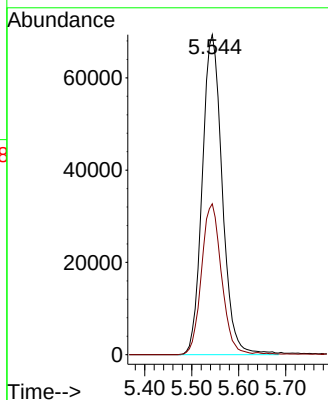
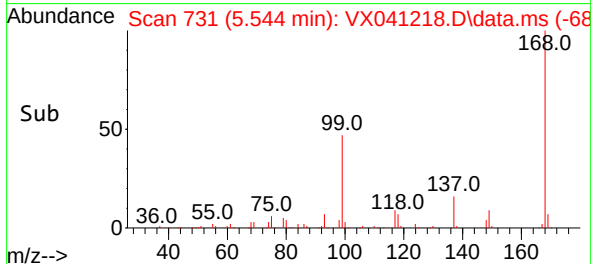
Instrument :  
MSVOA\_X  
ClientSampleId :  
412



Tgt Ion:168 Resp: 204839  
Ion Ratio Lower Upper  
168 100  
99 47.2 56.6 85.0

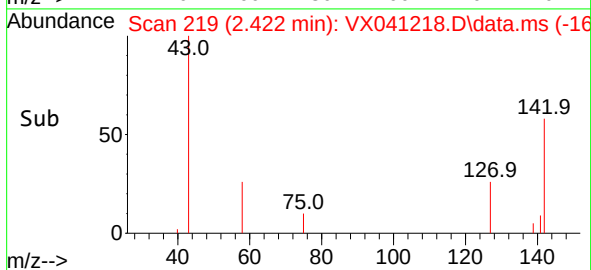
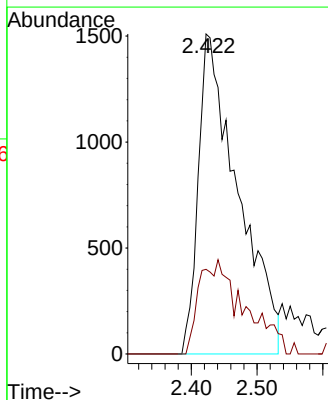
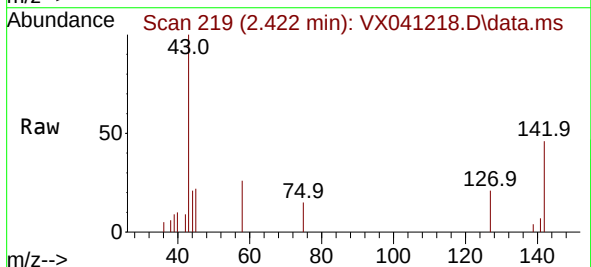
Manual Integrations  
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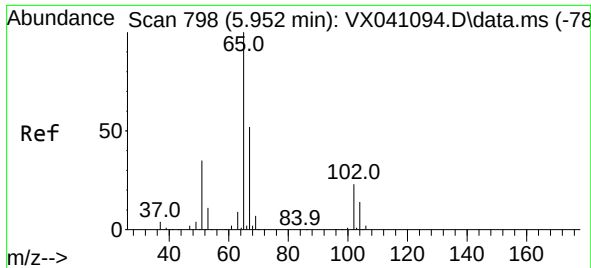
Reviewed By :John Carlone 04/24/2024  
Supervised By :Mahesh Dadoda 04/24/2024



#16  
Acetone  
Concen: 8.882 ug/l  
RT: 2.422 min Scan# 219  
Delta R.T. 0.024 min  
Lab File: VX041218.D  
Acq: 23 Apr 2024 16:27

Tgt Ion: 43 Resp: 6304  
Ion Ratio Lower Upper  
43 100  
58 26.5 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 52.869 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041218.D

Acq: 23 Apr 2024 16:27

Instrument :

MSVOA\_X

ClientSampleId :

412

Tgt Ion: 65 Resp: 103090

Ion Ratio Lower Upper

65 100

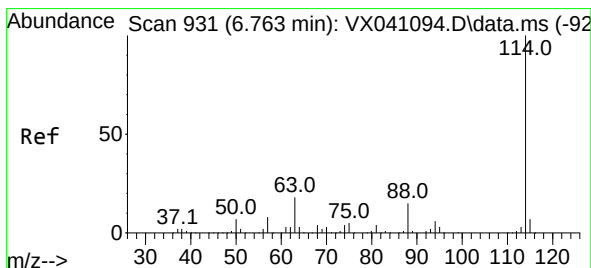
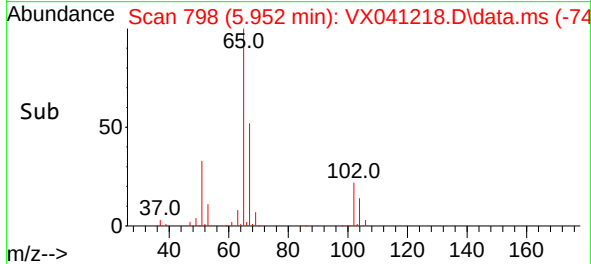
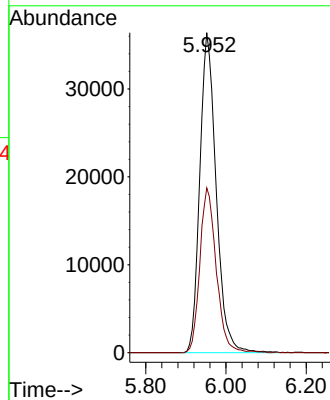
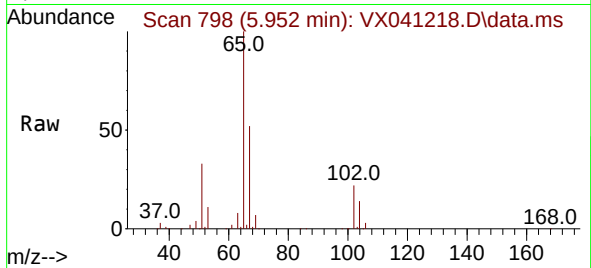
67 51.4 0.0 100.2

Manual Integrations

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Supervised By :Mahesh Dadoda 04/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041218.D

Acq: 23 Apr 2024 16:27

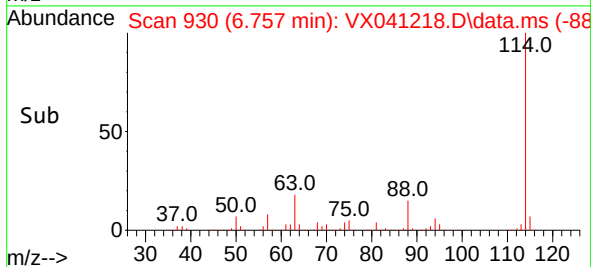
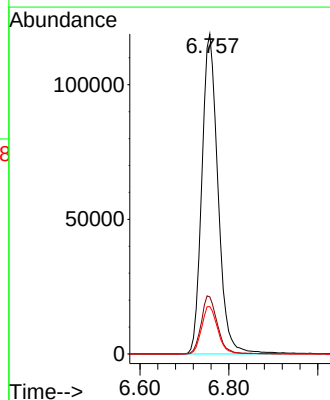
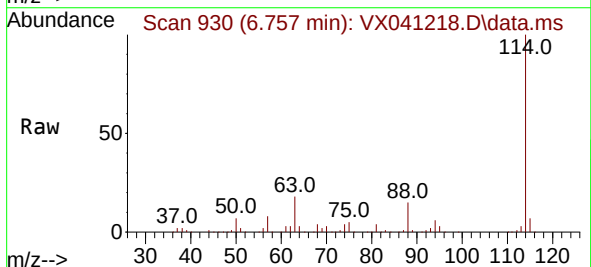
Tgt Ion:114 Resp: 300717

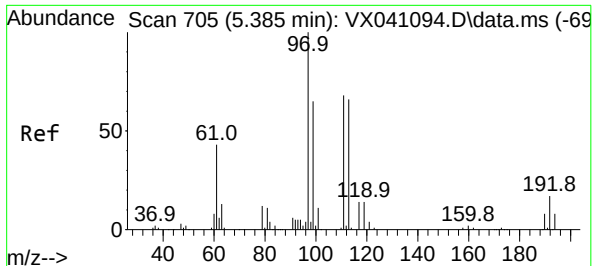
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

88 14.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.870 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX041218.D

Acq: 23 Apr 2024 16:27

Instrument :

MSVOA\_X

ClientSampleId :

412

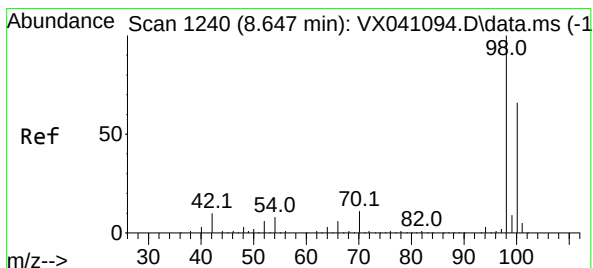
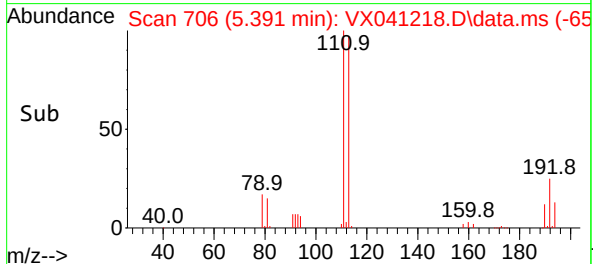
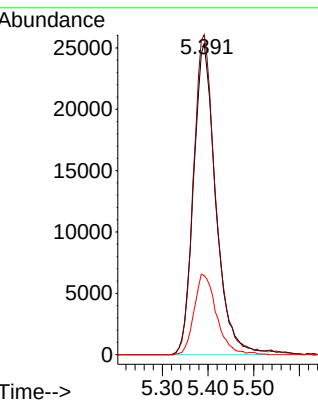
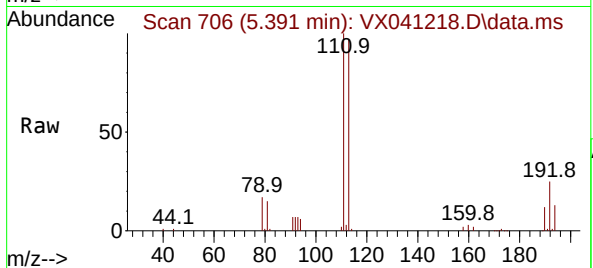
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:113 | Resp: | 85735      |
| Ion Ratio   | Lower | Upper      |
| 113         | 100   |            |
| 111         | 102.4 | 82.9 124.3 |
| 192         | 25.9  | 13.3 19.9  |

Manual Integrations

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Supervised By :Mahesh Dadoda 04/24/2024



#50

Toluene-d8

Concen: 48.014 ug/l

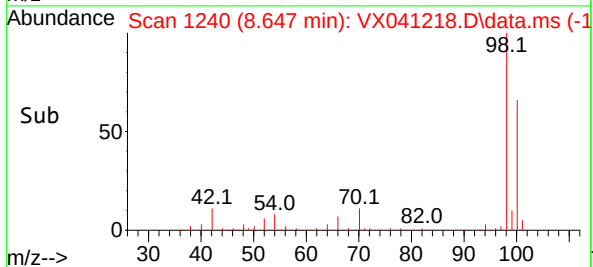
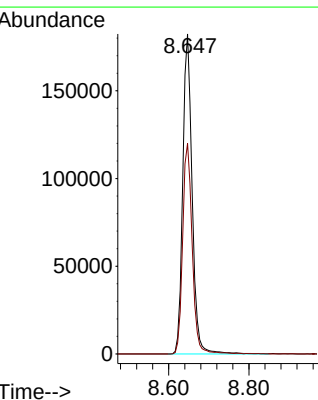
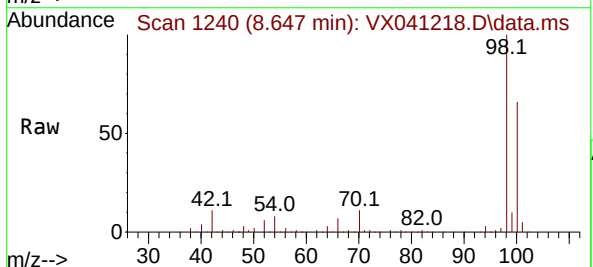
RT: 8.647 min Scan# 1240

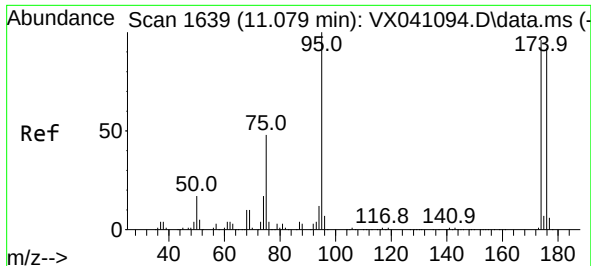
Delta R.T. -0.000 min

Lab File: VX041218.D

Acq: 23 Apr 2024 16:27

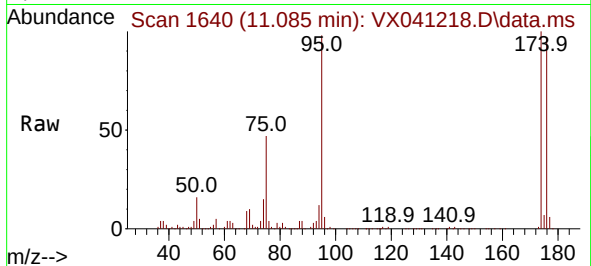
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 98 | Resp: | 296325    |
| Ion Ratio   | Lower | Upper     |
| 98          | 100   |           |
| 100         | 66.9  | 53.1 79.7 |





#62  
4-Bromofluorobenzene  
Concen: 56.768 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX041218.D  
Acq: 23 Apr 2024 16:27

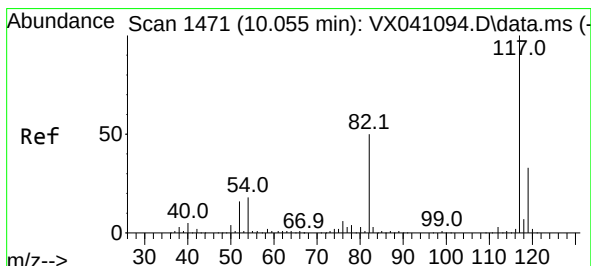
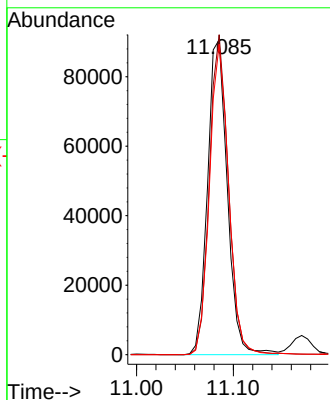
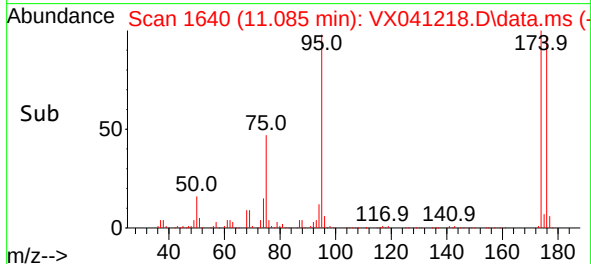
Instrument :  
MSVOA\_X  
ClientSampleId :  
412



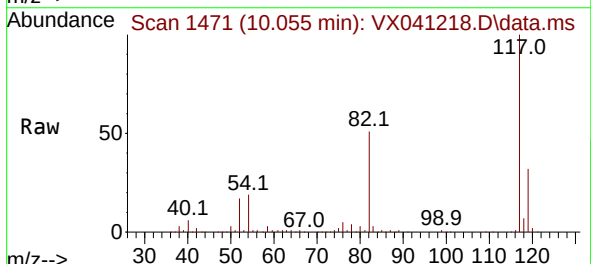
Tgt Ion: 95 Resp: 12931  
Ion Ratio Lower Upper  
95 100  
174 98.0 0.0 135.6  
176 95.8 0.0 131.0

Manual Integrations  
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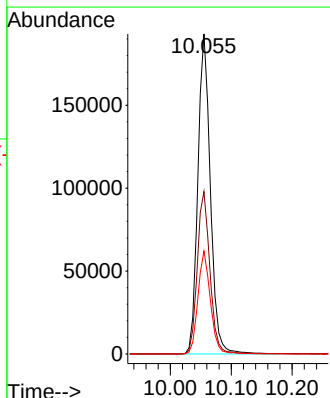
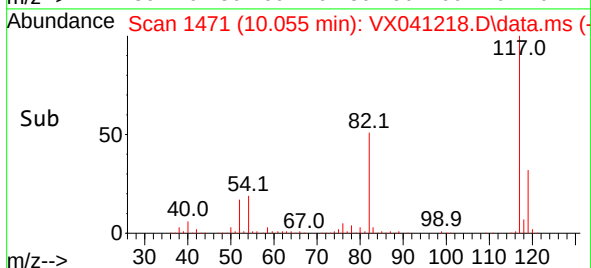
Reviewed By :John Carlone 04/24/2024  
Supervised By :Mahesh Dadoda 04/24/2024

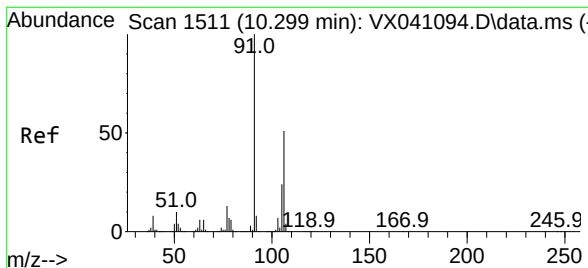


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX041218.D  
Acq: 23 Apr 2024 16:27



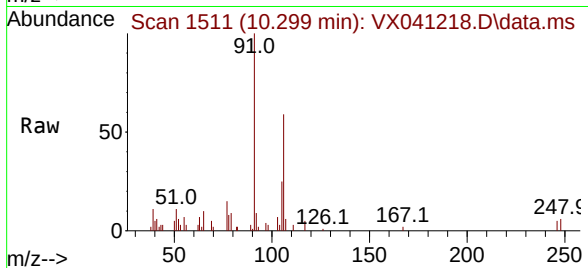
Tgt Ion:117 Resp: 275841  
Ion Ratio Lower Upper  
117 100  
82 50.8 46.2 69.4  
119 32.2 25.5 38.3





#68  
m/p-Xylenes  
Concen: 1.062 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX041218.D  
Acq: 23 Apr 2024 16:27

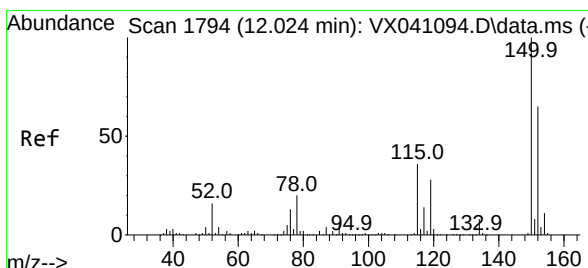
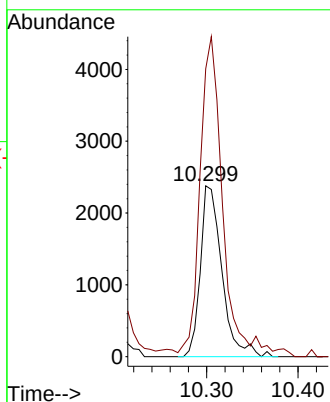
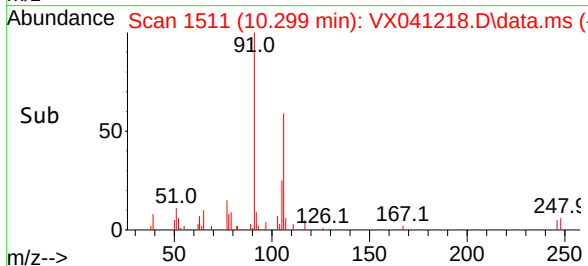
Instrument :  
MSVOA\_X  
ClientSampleId :  
412



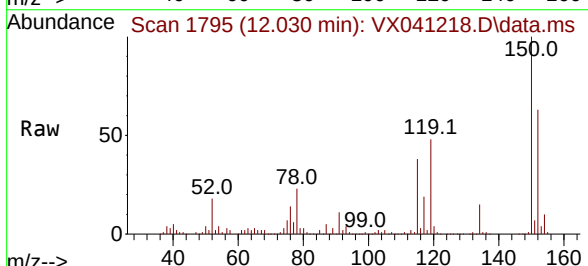
Tgt Ion:106 Resp: 388  
Ion Ratio Lower Upper  
106 100  
91 198.9 165.5 248.3

Manual Integrations  
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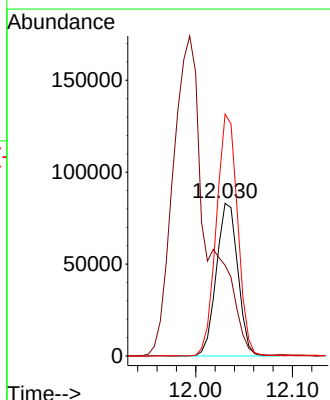
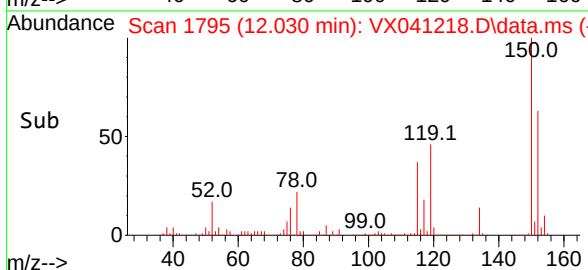
Reviewed By :John Carlone 04/24/2024  
Supervised By :Mahesh Dadoda 04/24/2024

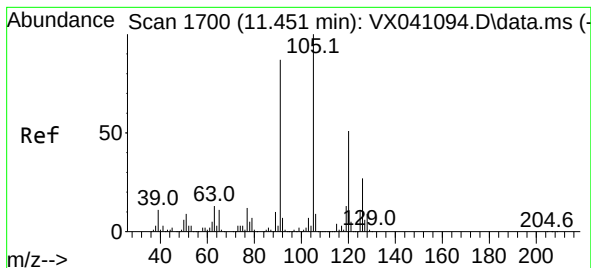


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.030 min Scan# 1795  
Delta R.T. 0.006 min  
Lab File: VX041218.D  
Acq: 23 Apr 2024 16:27



Tgt Ion:152 Resp: 127948  
Ion Ratio Lower Upper  
152 100  
115 0.0 43.3 129.9#  
150 157.4 0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 1.998 ug/l

RT: 11.439 min Scan# 1

Delta R.T. -0.012 min

Lab File: VX041218.D

Acq: 23 Apr 2024 16:27

Instrument :

MSVOA\_X

ClientSampleId :

412

Tgt Ion:105 Resp: 1323

Ion Ratio Lower Upper

105 100

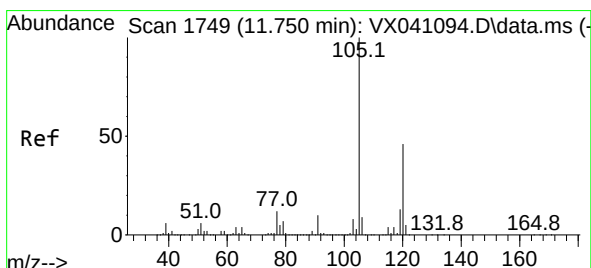
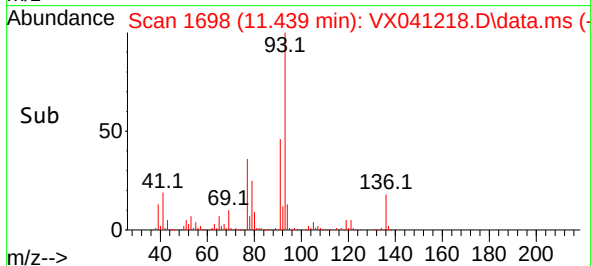
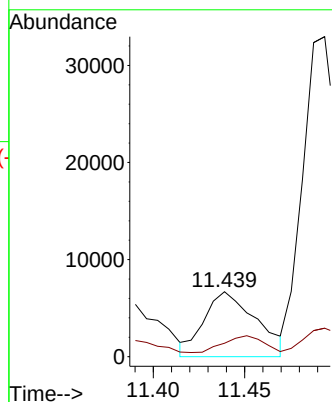
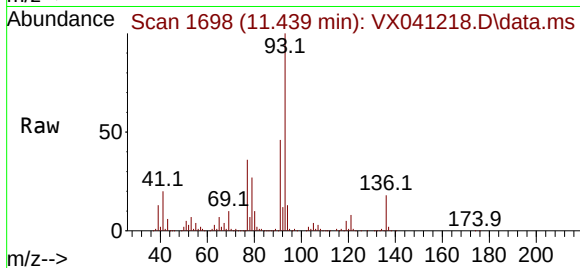
120 28.8 24.1 72.3

Manual Integrations

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Reviewed By :John Carlone 04/24/2024

Supervised By :Mahesh Dadoda 04/24/2024



#84

1,2,4-Trimethylbenzene

Concen: 2.923 ug/l m

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX041218.D

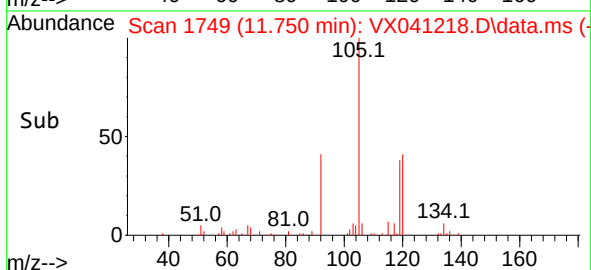
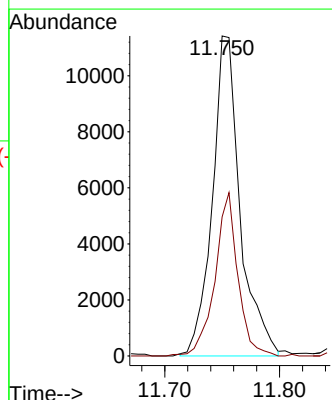
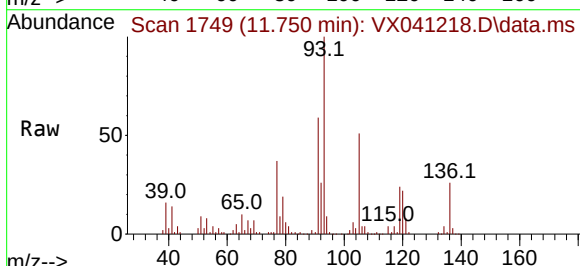
Acq: 23 Apr 2024 16:27

Tgt Ion:105 Resp: 19215

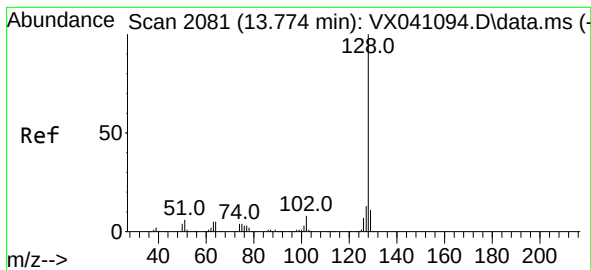
Ion Ratio Lower Upper

105 100

120 1143.5 21.2 63.6#

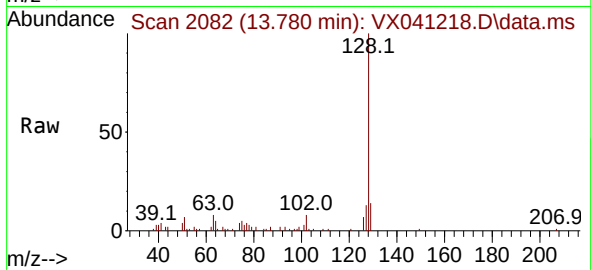






#95  
Naphthalene  
Concen: 1.087 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.006 min  
Lab File: VX041218.D  
Acq: 23 Apr 2024 16:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
412



Tgt Ion:128 Resp: 902  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.3 15.5  
129 11.9 8.8 13.2

Manual Integrations  
APPROVED

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