

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100722\  
 Data File : VX031967.D  
 Acq On : 07 Oct 2022 17:08  
 Operator : JC/MD  
 Sample : N4882-20 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-132

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 10/10/2022  
 Supervised By : Mahesh Dadoda 10/10/2022

Quant Time: Oct 08 05:14:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 14:28:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 57699               | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 94052               | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 97788               | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 60763               | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 63248               | 53.078 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 106.160% |        |       |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 53453               | 50.209 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 100.420% |        |       |          |
| 50) Toluene-d8              | 8.653          | 98   | 187889              | 49.046 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 98.100%  |        |       |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 64010               | 47.264 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 94.520%  |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 11) Tert butyl alcohol      | 2.983          | 59   | 6751m               | 45.536 | ug/l  |          |
| 19) Methyl tert-butyl Ether | 3.111          | 73   | 93492               | 31.700 | ug/l  | 97       |
| -----                       |                |      |                     |        |       |          |

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

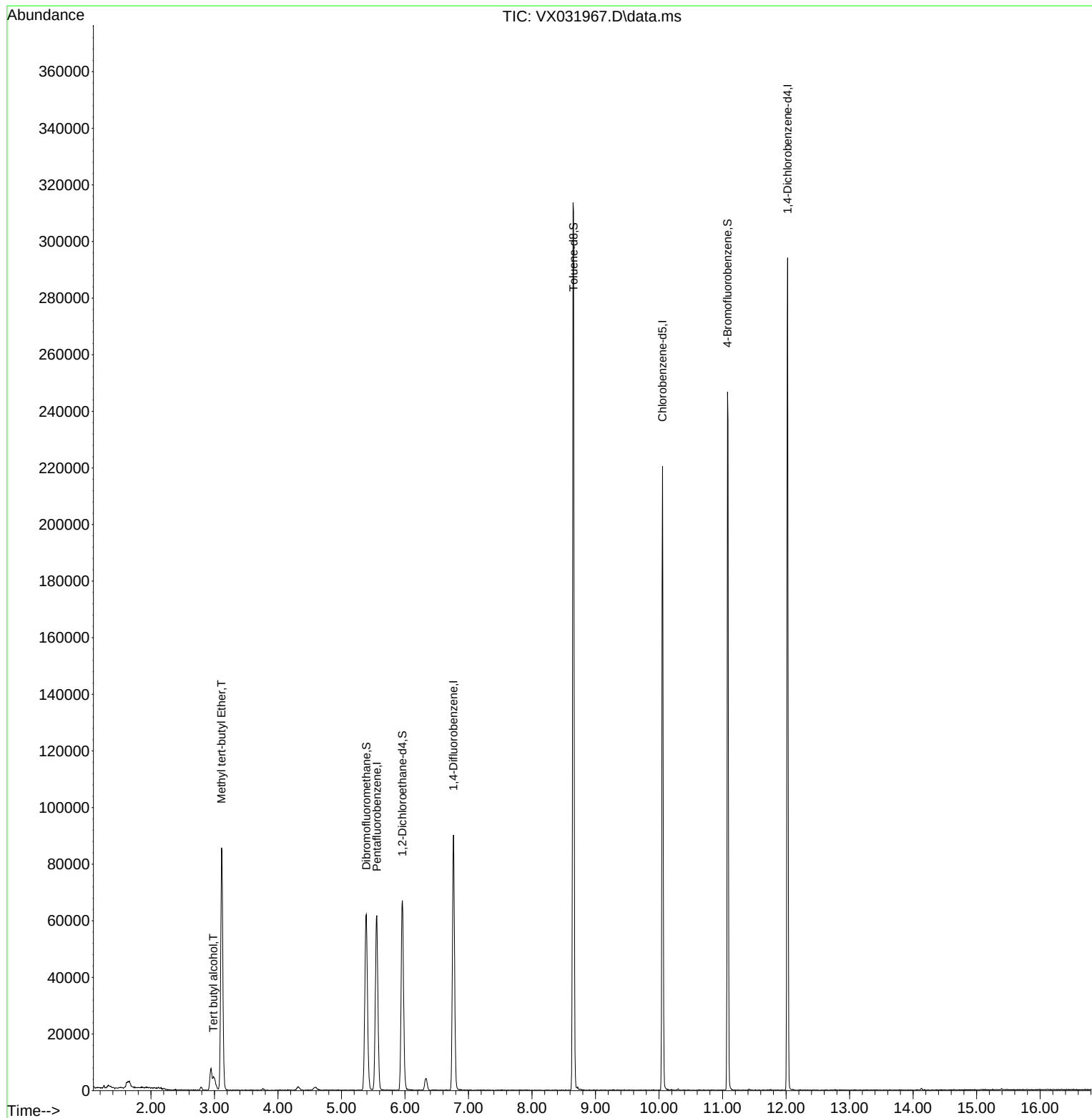
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100722\  
Data File : VX031967.D  
Acq On : 07 Oct 2022 17:08  
Operator : JC/MD  
Sample : N4882-20 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 20 Sample Multiplier: 1

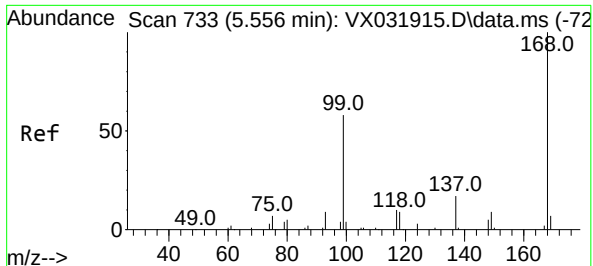
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-132

Quant Time: Oct 08 05:14:17 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 06 14:28:46 2022  
Response via : Initial Calibration

Manual Integrations  
APPROVED

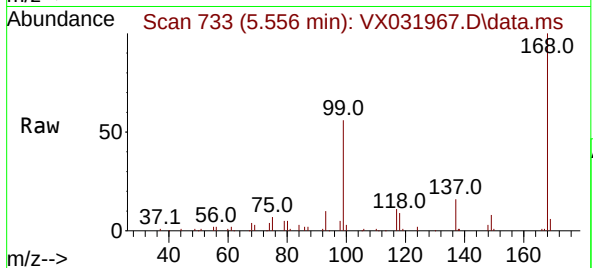
Reviewed By : John Carlone 10/10/2022  
Supervised By : Mahesh Dadoda 10/10/2022





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX031967.D  
Acq: 07 Oct 2022 17:08

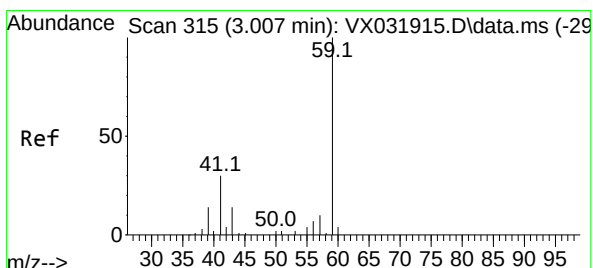
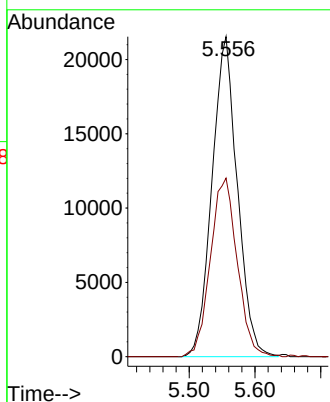
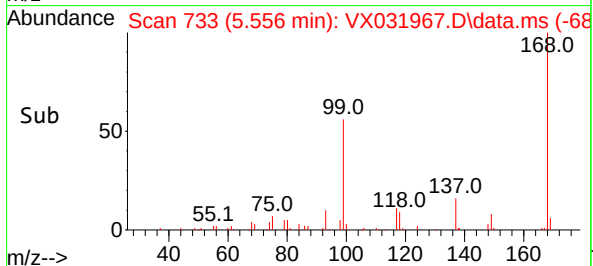
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-132



Tgt Ion:168 Resp: 5769  
Ion Ratio Lower Upper  
168 100  
99 55.8 48.8 73.2

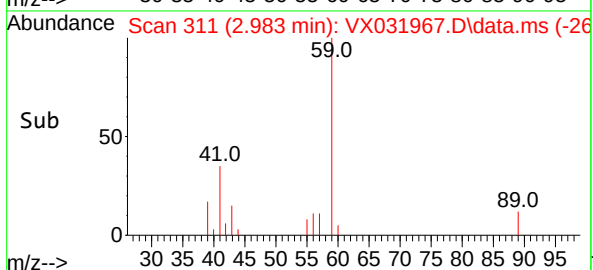
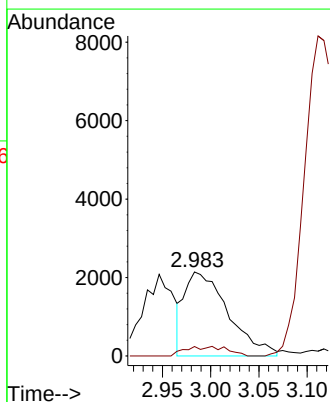
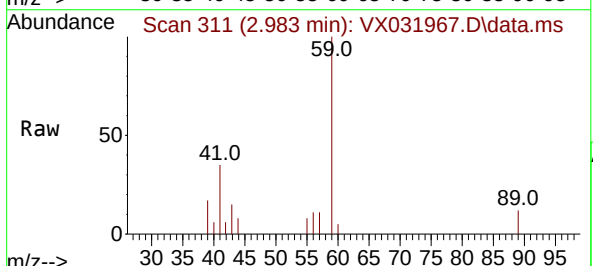
Manual Integrations  
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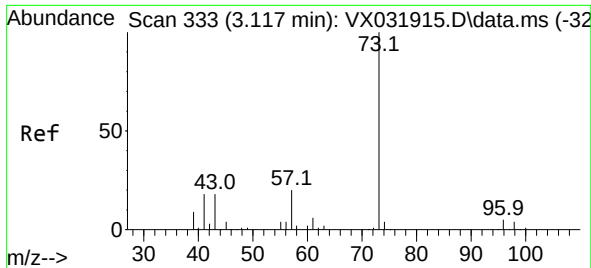
Reviewed By :John Carlone 10/10/2022  
Supervised By :Mahesh Dadoda 10/10/2022



#11  
Tert butyl alcohol  
Concen: 45.536 ug/l m  
RT: 2.983 min Scan# 311  
Delta R.T. -0.024 min  
Lab File: VX031967.D  
Acq: 07 Oct 2022 17:08

Tgt Ion: 59 Resp: 6751  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.2#





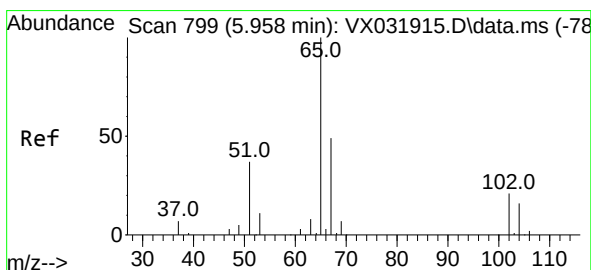
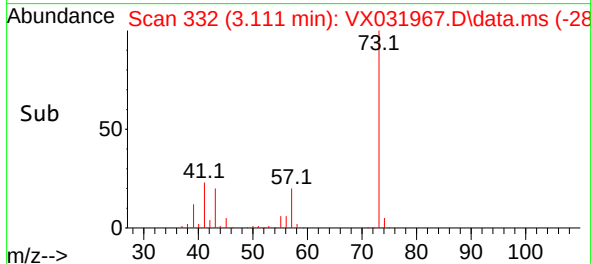
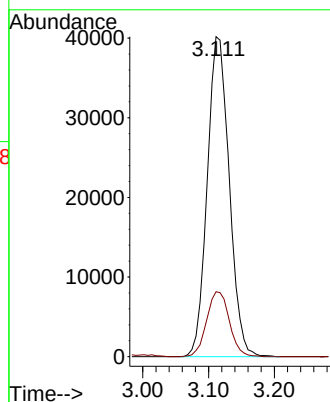
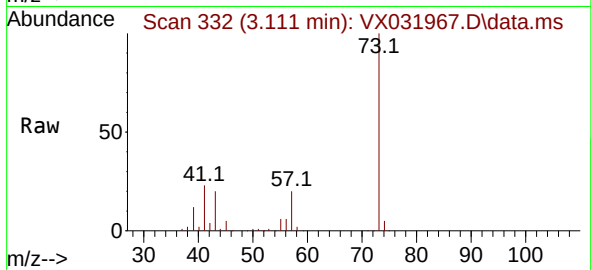
#19  
Methyl tert-butyl Ether  
Concen: 31.700 ug/l  
RT: 3.111 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX031967.D  
Acq: 07 Oct 2022 17:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-132

Tgt Ion: 73 Resp: 93492  
Ion Ratio Lower Upper  
73 100  
57 20.3 17.2 25.8

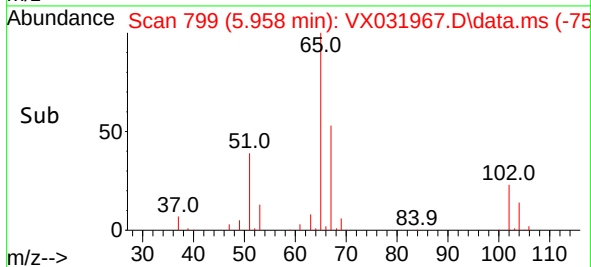
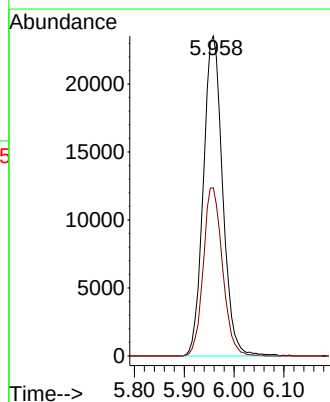
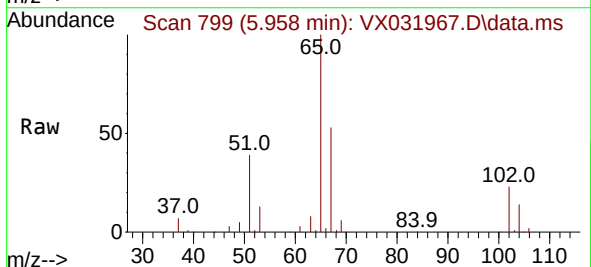
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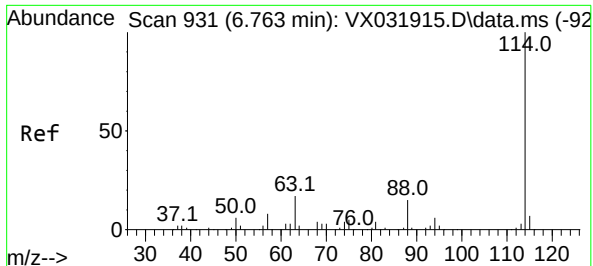
Reviewed By :John Carlone 10/10/2022  
Supervised By :Mahesh Dadoda 10/10/2022



#33  
1,2-Dichloroethane-d4  
Concen: 53.078 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX031967.D  
Acq: 07 Oct 2022 17:08

Tgt Ion: 65 Resp: 63248  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 102.4





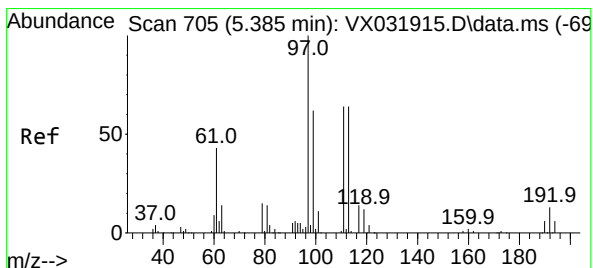
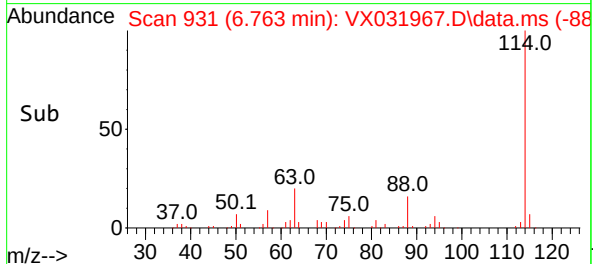
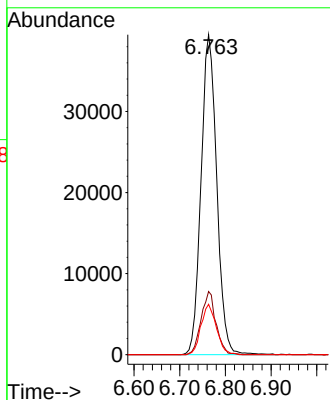
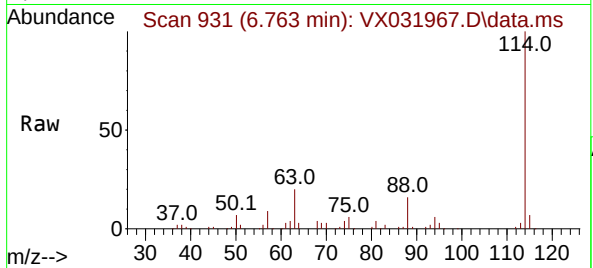
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX031967.D  
Acq: 07 Oct 2022 17:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-132

Tgt Ion:114 Resp: 94052  
Ion Ratio Lower Upper  
114 100  
63 19.8 0.0 42.6  
88 15.8 0.0 33.0

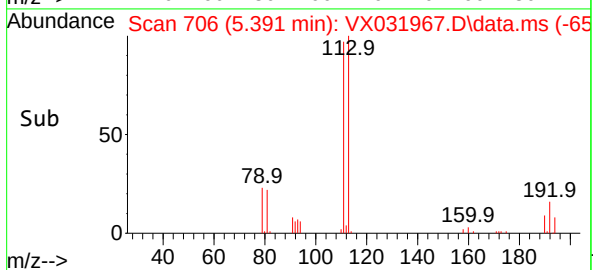
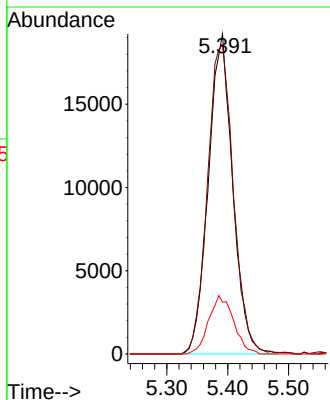
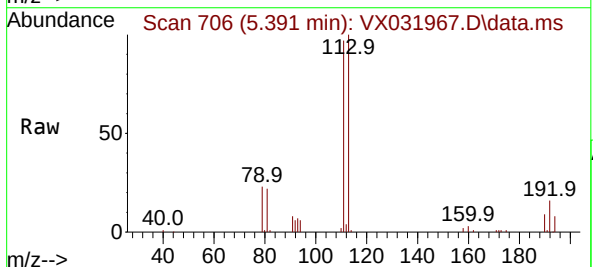
Manual Integrations  
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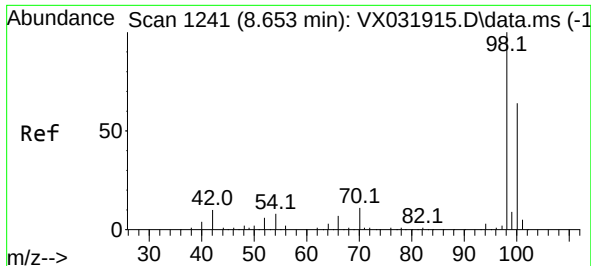
Reviewed By :John Carlone 10/10/2022  
Supervised By :Mahesh Dadoda 10/10/2022



#35  
Dibromofluoromethane  
Concen: 50.209 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX031967.D  
Acq: 07 Oct 2022 17:08

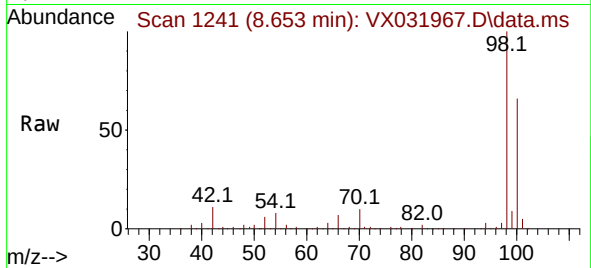
Tgt Ion:113 Resp: 53453  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.4 123.6  
192 18.6 14.1 21.1





#50  
Toluene-d8  
Concen: 49.046 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX031967.D  
Acq: 07 Oct 2022 17:08

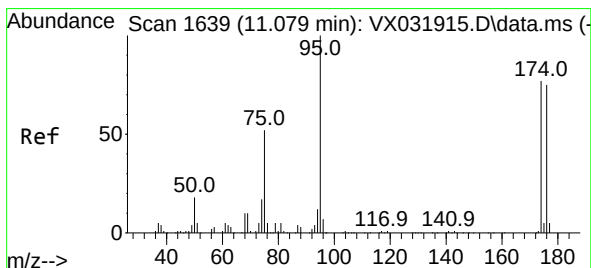
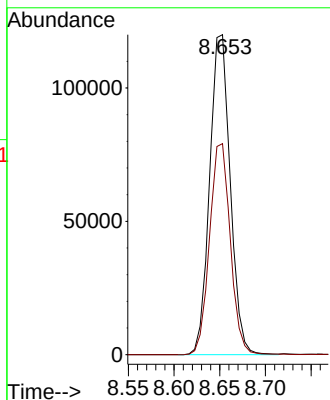
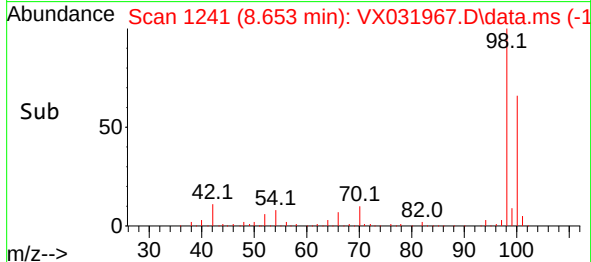
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-132



Tgt Ion: 98 Resp: 187889  
Ion Ratio Lower Upper  
98 100  
100 66.6 52.5 78.7

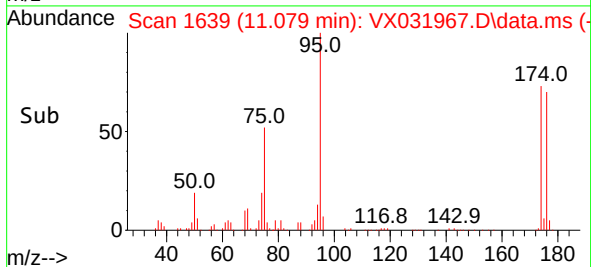
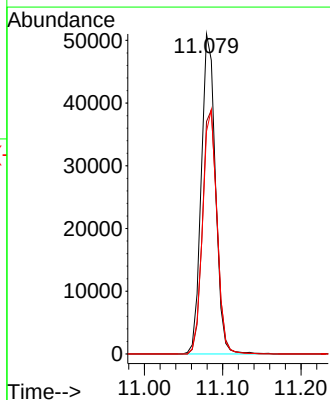
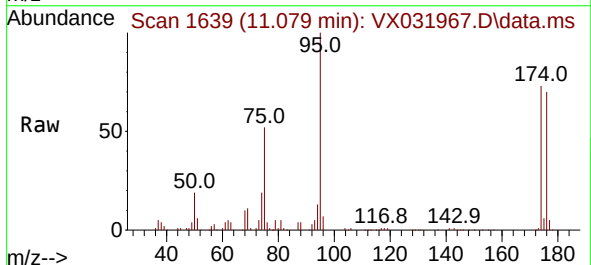
Manual Integrations  
APPROVED

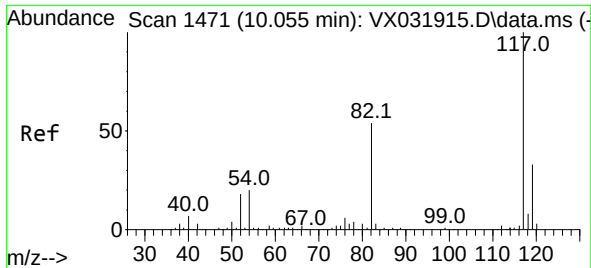
Reviewed By :John Carlone 10/10/2022  
Supervised By :Mahesh Dadoda 10/10/2022



#62  
4-Bromofluorobenzene  
Concen: 47.264 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX031967.D  
Acq: 07 Oct 2022 17:08

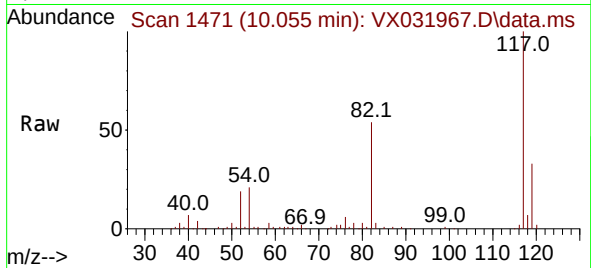
Tgt Ion: 95 Resp: 64010  
Ion Ratio Lower Upper  
95 100  
174 78.4 0.0 153.2  
176 77.4 0.0 144.0





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031967.D  
Acq: 07 Oct 2022 17:08

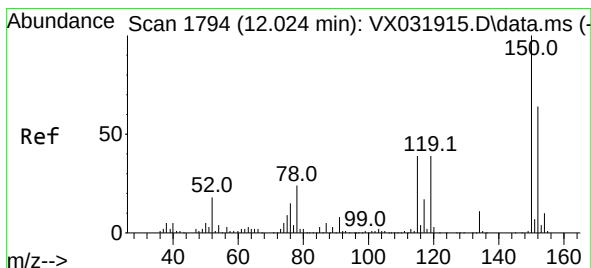
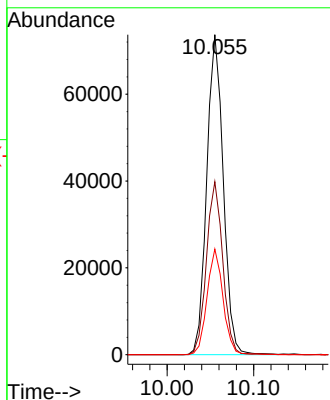
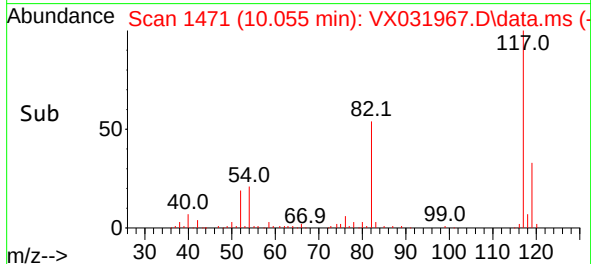
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-132



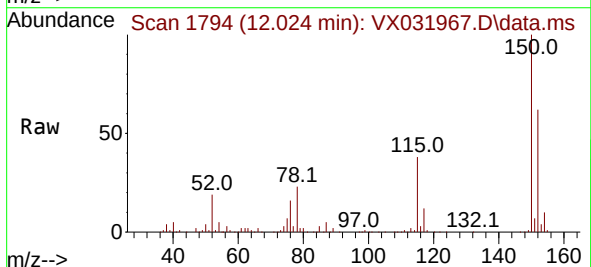
Tgt Ion:117 Resp: 97788  
Ion Ratio Lower Upper  
117 100  
82 54.1 46.8 70.2  
119 33.0 26.4 39.6

Manual Integrations  
APPROVED

Reviewed By :John Carlone 10/10/2022  
Supervised By :Mahesh Dadoda 10/10/2022



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX031967.D  
Acq: 07 Oct 2022 17:08



Tgt Ion:152 Resp: 60763  
Ion Ratio Lower Upper  
152 100  
115 59.9 43.4 130.1  
150 158.0 0.0 346.8

