

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051122\  
 Data File : VX028616.D  
 Acq On : 11 May 2022 12:40  
 Operator : JC/MD  
 Sample : N2778-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TT-043-IDWGW-20220509

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 05/12/2022  
 Supervised By : Mahesh Dadoda 05/12/2022

Quant Time: May 12 04:54:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X042822W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Apr 29 06:09:36 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Bromochloromethane       | 4.904  | 128   | 51279    | 30.000   | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene     | 6.763  | 114   | 274382   | 30.000   | ug/l  | 0.00     |
| 57) Chlorobenzene-d5        | 10.055 | 117   | 245166   | 30.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 27) 1,2-Dichloroethane-d4   | 5.958  | 65    | 102296   | 31.368   | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =     | 104.567% |
| 60) 4-Bromofluorobenzene    | 11.079 | 95    | 104371   | 27.375   | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =     | 91.233%  |
| 63) Toluene-d8              | 8.653  | 98    | 316595   | 30.483   | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =     | 101.600% |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 15) Acetone                 | 2.380  | 58    | 4071     | 10.230   | ug/l  | 92       |
| 37) Trichloroethene         | 7.123  | 130   | 2271m    | 0.798    | ug/l  |          |
| 90) Hexachlorobutadiene     | 13.725 | 225   | 998      | 0.557    | ug/l  | 94       |
| -----                       |        |       |          |          |       |          |

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

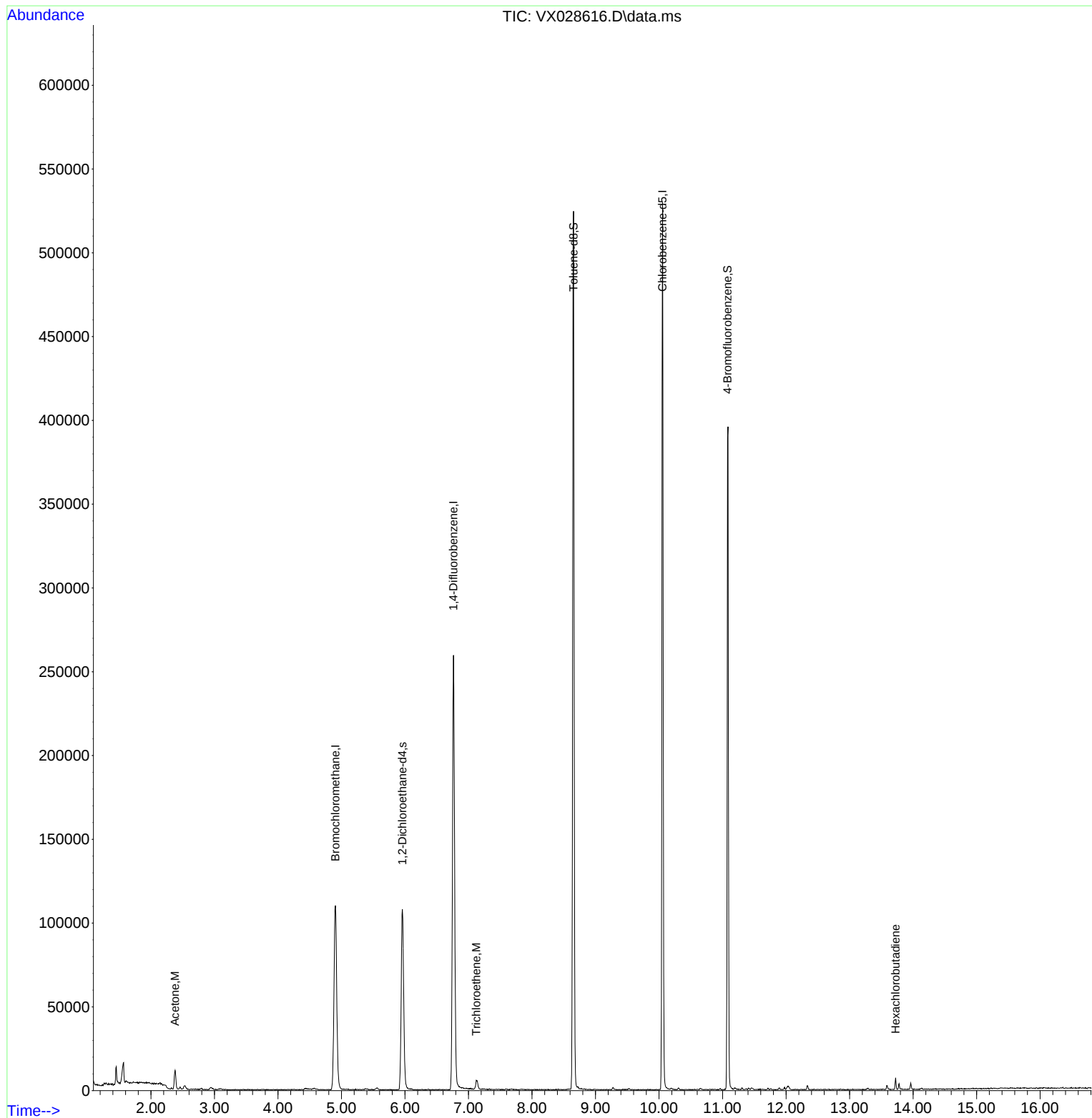
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051122\  
Data File : VX028616.D  
Acq On : 11 May 2022 12:40  
Operator : JC/MD  
Sample : N2778-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 6 Sample Multiplier: 1

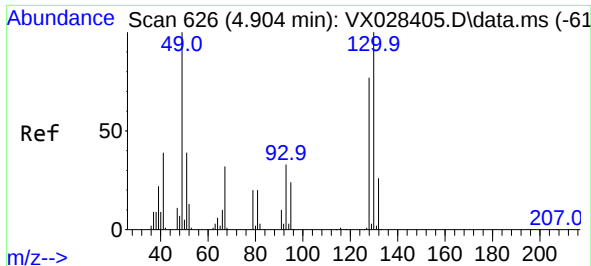
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT-043-IDWGW-20220509

Quant Time: May 12 04:54:38 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X042822W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Apr 29 06:09:36 2022  
Response via : Initial Calibration

Manual Integrations  
APPROVED

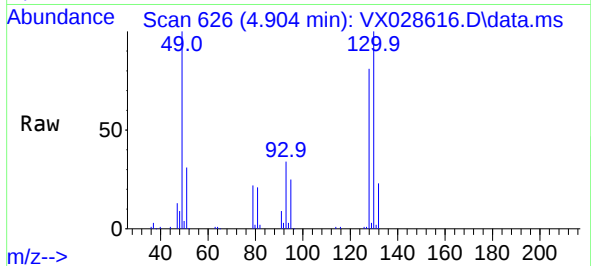
Reviewed By :John Carlone 05/12/2022  
Supervised By :Mahesh Dadoda 05/12/2022





#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.904 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX028616.D  
Acq: 11 May 2022 12:40

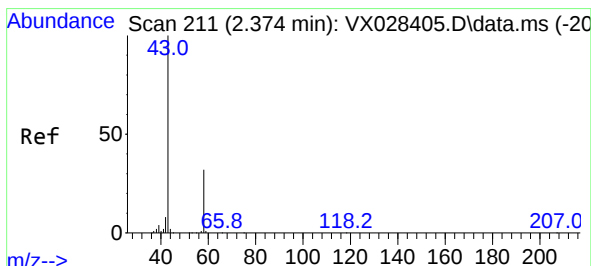
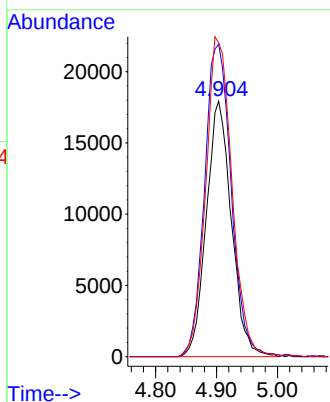
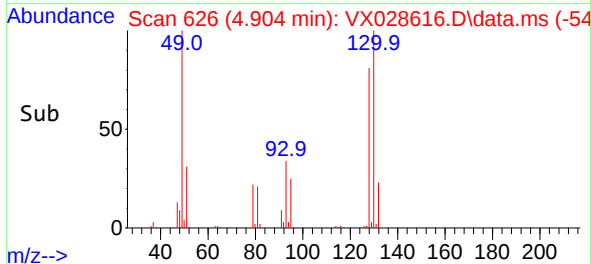
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT-043-IDWGW-20220509



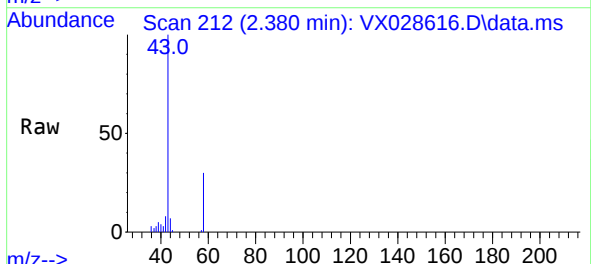
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Ion Ratio Lower Upper  
128 100  
49 130.4 0.0 358.3  
130 131.0 0.0 319.3

Manual Integrations  
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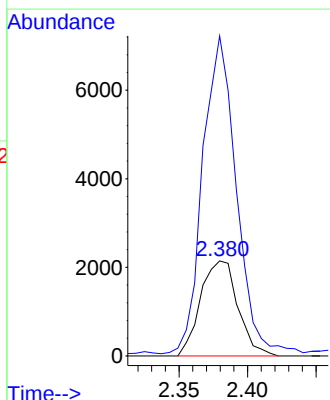
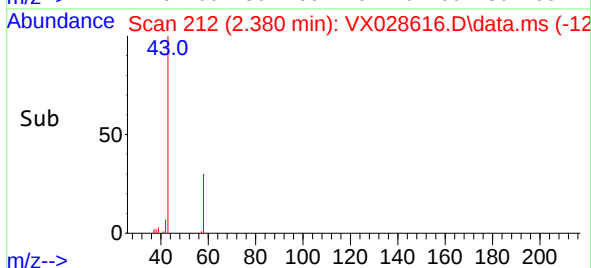
Reviewed By :John Carlone 05/12/2022  
Supervised By :Mahesh Dadoda 05/12/2022

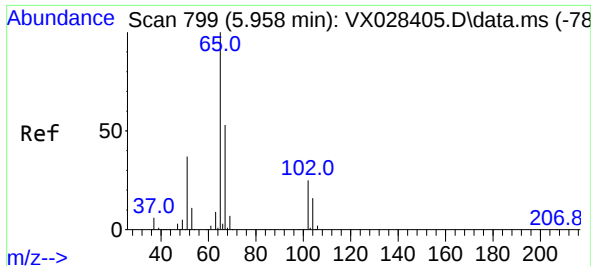


#15  
Acetone  
Concen: 10.230 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX028616.D  
Acq: 11 May 2022 12:40



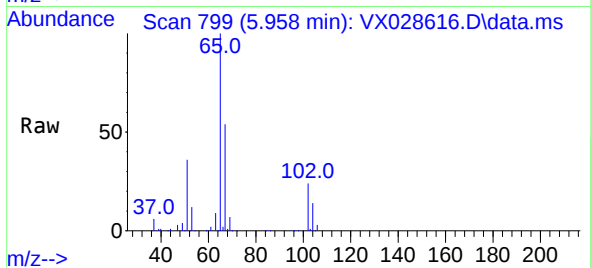
Tgt Ion: 58 Resp: 4071  
Ion Ratio Lower Upper  
58 100  
43 328.7 250.2 375.2





#27  
1,2-Dichloroethane-d4  
Concen: 31.368 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX028616.D  
Acq: 11 May 2022 12:40

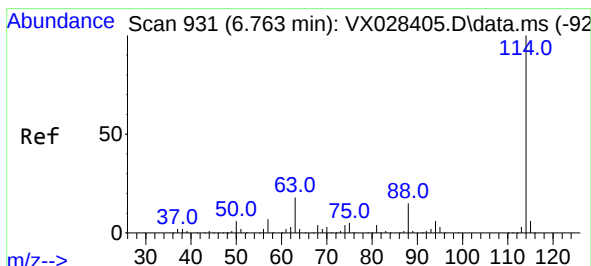
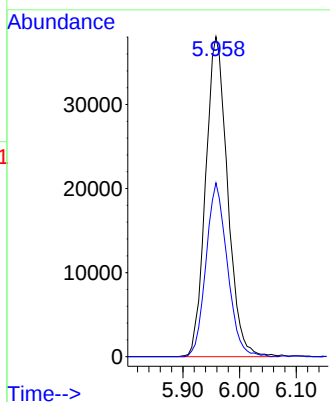
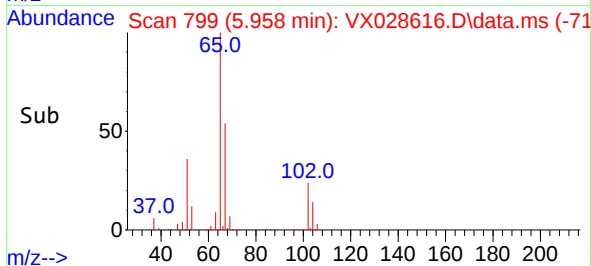
Instrument :  
MSVOA\_X  
ClientSampleId :  
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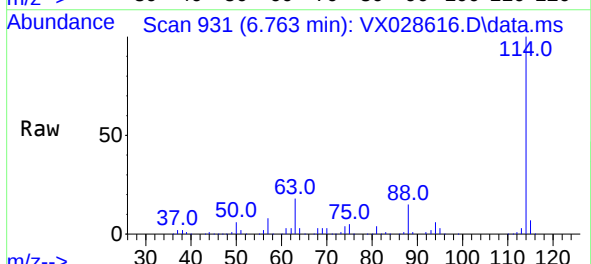
Tgt Ion: 65 Resp: 102290  
Ion Ratio Lower Upper  
65 100  
67 52.7 42.3 63.5

Manual Integrations  
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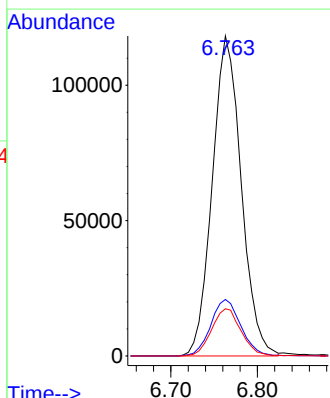
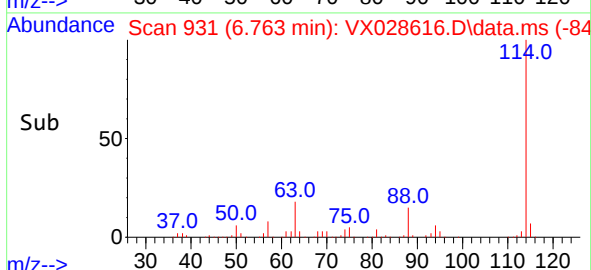
Reviewed By :John Carlone 05/12/2022  
Supervised By :Mahesh Dadoda 05/12/2022

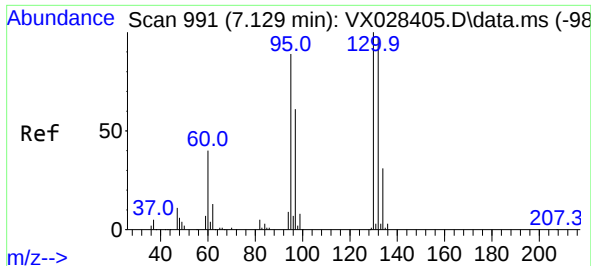


#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VX028616.D  
Acq: 11 May 2022 12:40



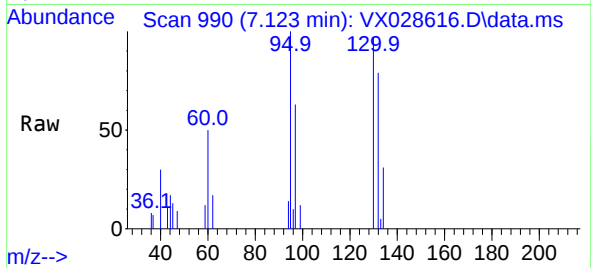
Tgt Ion:114 Resp: 274382  
Ion Ratio Lower Upper  
114 100  
63 18.3 15.3 22.9  
88 15.0 12.2 18.4





#37  
Trichloroethene  
Concen: 0.798 ug/l m  
RT: 7.123 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VX028616.D  
Acq: 11 May 2022 12:40

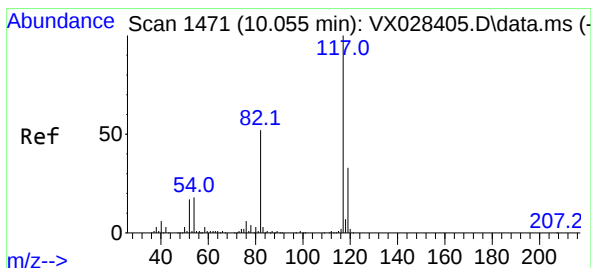
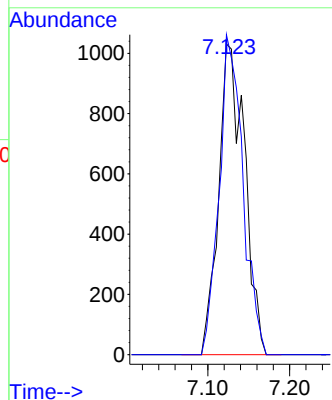
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT-043-IDWGW-20220509



Tgt Ion:130 Resp: 227  
Ion Ratio Lower Upper  
130 100  
95 103.0 76.5 114.7

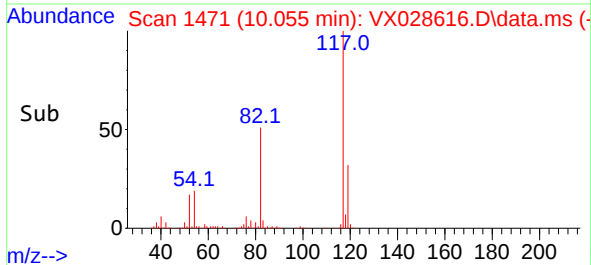
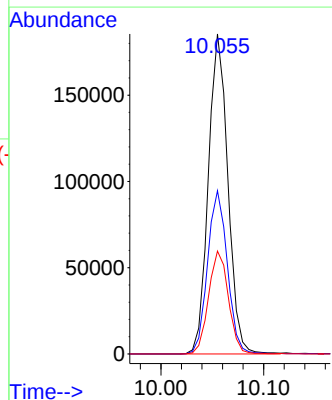
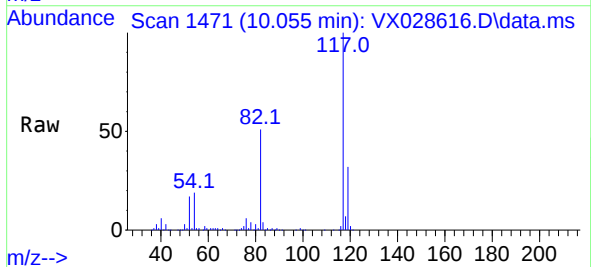
Manual Integrations  
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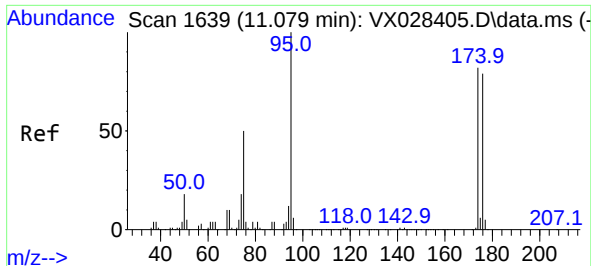
Reviewed By :John Carlone 05/12/2022  
Supervised By :Mahesh Dadoda 05/12/2022



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX028616.D  
Acq: 11 May 2022 12:40

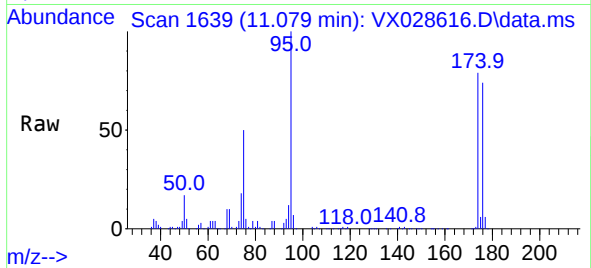
Tgt Ion:117 Resp: 245166  
Ion Ratio Lower Upper  
117 100  
82 51.7 42.3 63.5  
119 32.7 26.2 39.2





#60  
4-Bromofluorobenzene  
Concen: 27.375 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX028616.D  
Acq: 11 May 2022 12:40

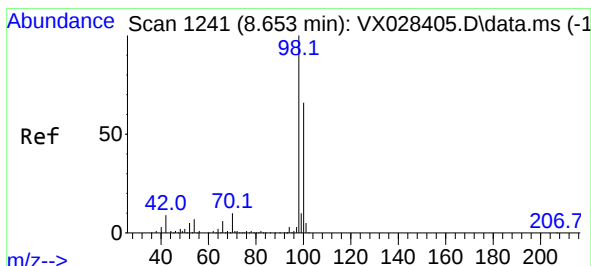
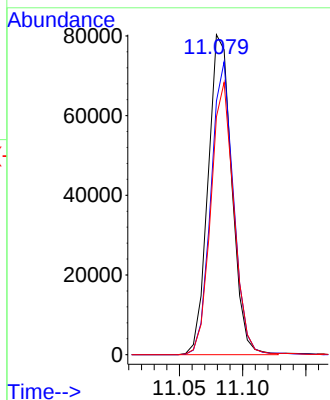
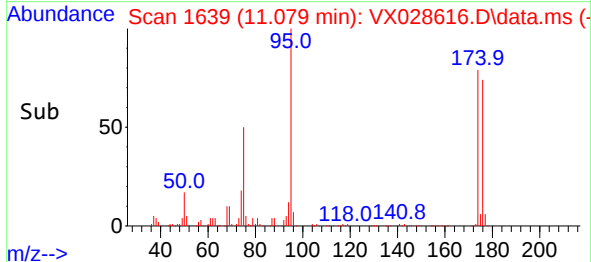
Instrument : MSVOA\_X  
ClientSampleId : TT-043-IDWGW-20220509



Tgt Ion: 95 Resp: 10437  
Ion Ratio Lower Upper  
95 100  
174 87.1 65.4 98.2  
176 82.5 63.4 95.0

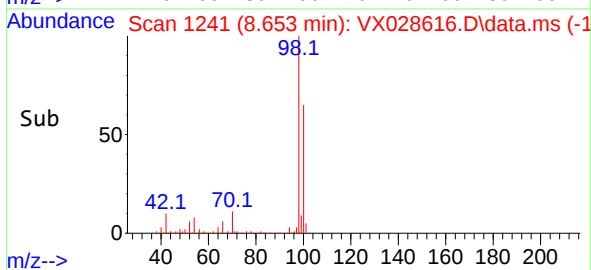
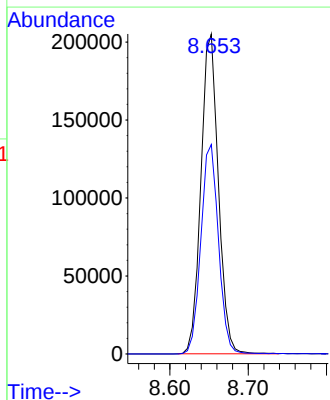
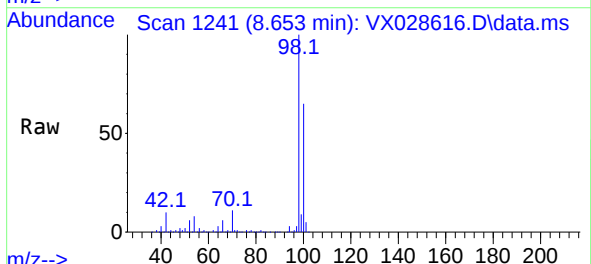
Manual Integrations  
APPROVED

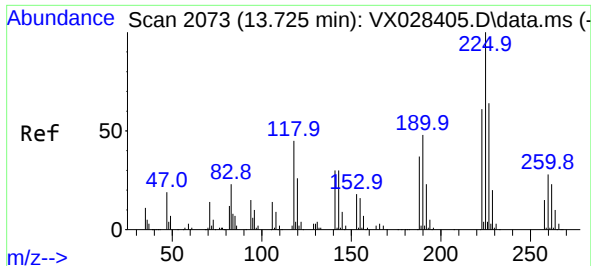
Reviewed By :John Carlone 05/12/2022  
Supervised By :Mahesh Dadoda 05/12/2022



#63  
Toluene-d8  
Concen: 30.483 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX028616.D  
Acq: 11 May 2022 12:40

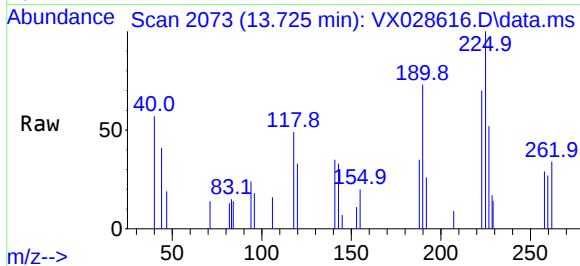
Tgt Ion: 98 Resp: 316595  
Ion Ratio Lower Upper  
98 100  
100 66.1 51.4 77.2





#90  
Hexachlorobutadiene  
Concen: 0.557 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX028616.D  
Acq: 11 May 2022 12:40

Instrument : MSVOA\_X  
ClientSampleId : TT-043-IDWGW-20220509



Tgt Ion:225 Resp: 998  
Ion Ratio Lower Upper  
225 100  
223 60.6 0.0 126.0  
227 55.6 0.0 125.0

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