

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033122\  
 Data File : VX027859.D  
 Acq On : 31 Mar 2022 19:38  
 Operator : JC/MD  
 Sample : N2074-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP04-20220319

Quant Time: Apr 01 04:11:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032922W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 04:39:27 2022  
 Response via : Initial Calibration

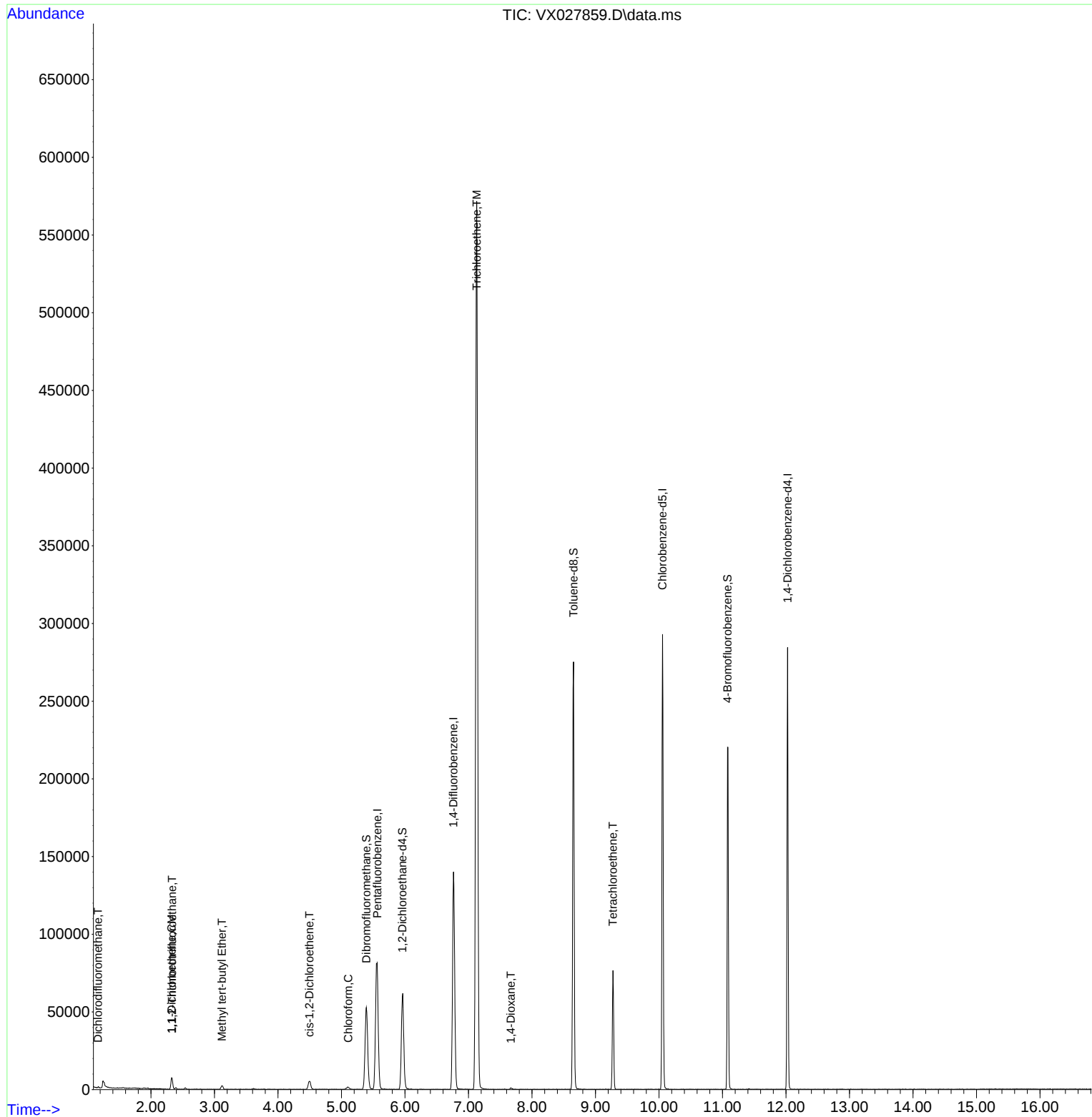
| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.562  | 168   | 72943    | 50.00    | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 132834   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 120805   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 51651    | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 62515    | 66.42    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =     | 132.84%  |
| 35) Dibromofluoromethane     | 5.391  | 113   | 45444    | 53.00    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =     | 106.00%  |
| 50) Toluene-d8               | 8.653  | 98    | 158653   | 52.59    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =     | 105.18%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 60745    | 47.38    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =     | 94.76%   |
| Target Compounds             |        |       |          |          |       |          |
|                              |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.167  | 85    | 212      | 0.32     | ug/l  | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 2581     | 3.78     | ug/l  | 96       |
| 12) 1,1-Dichloroethene       | 2.325  | 96    | 643      | 1.03     | ug/l  | # 67     |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 2492     | 1.04     | ug/l  | 95       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 3537     | 4.31     | ug/l  | 94       |
| 30) Chloroform               | 5.105  | 83    | 1926     | 1.34     | ug/l  | # 79     |
| 44) Trichloroethene          | 7.129  | 130   | 207182   | 232.95   | ug/l  | 88       |
| 49) 1,4-Dioxane              | 7.665  | 88    | 649      | 29.24    | ug/l  | 98       |
| 64) Tetrachloroethene        | 9.275  | 164   | 12521    | 15.29    | ug/l  | 90       |
| -----                        |        |       |          |          |       |          |

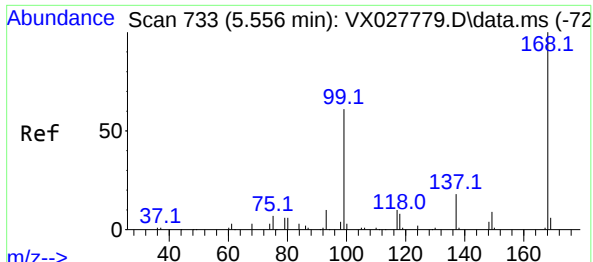
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033122\  
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Sample : N2074-08  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP04-20220319

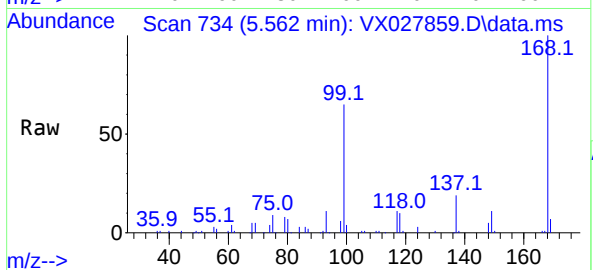
Quant Time: Apr 01 04:11:30 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032922W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 30 04:39:27 2022  
Response via : Initial Calibration



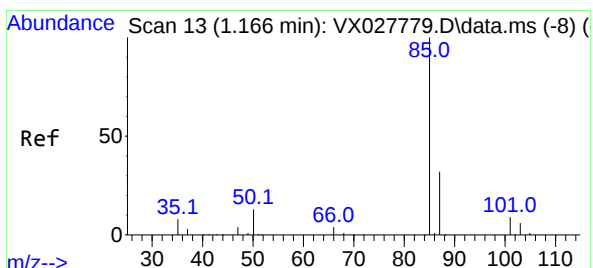
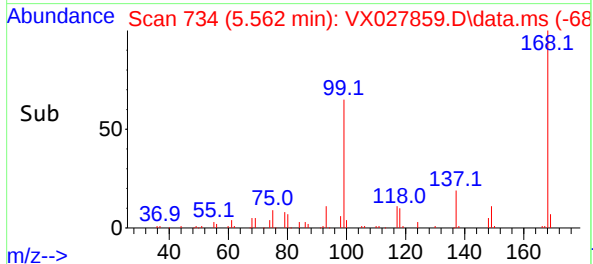
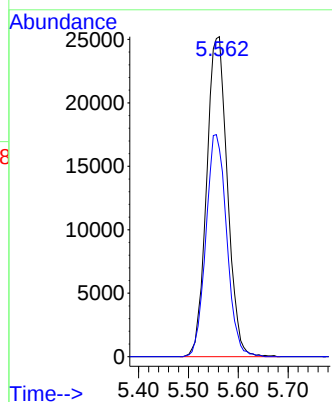


#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX027859.D  
Acq: 31 Mar 2022 19:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP04-20220319

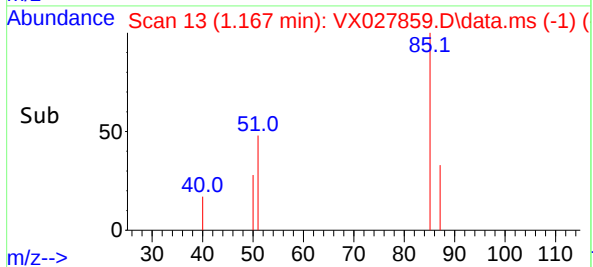
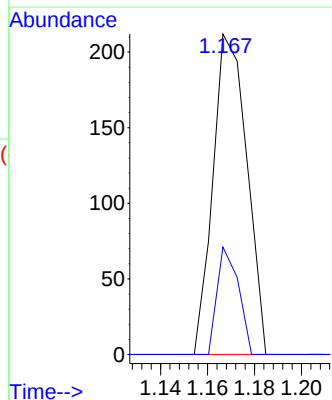
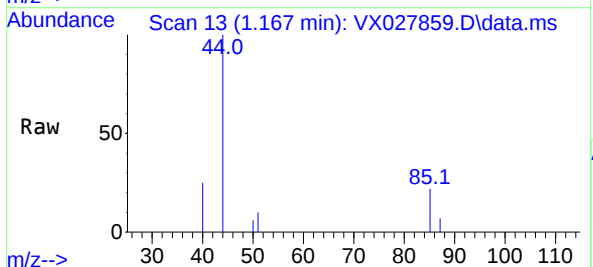


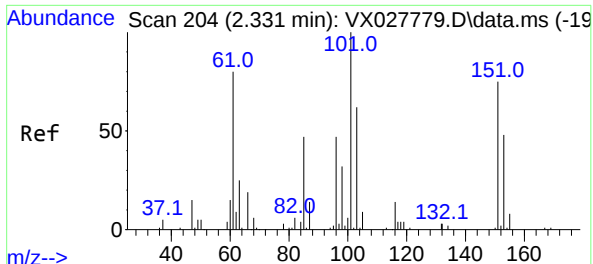
Tgt Ion:168 Resp: 72943  
Ion Ratio Lower Upper  
168 100  
99 64.9 41.7 62.5#



#2  
Dichlorodifluoromethane  
Concen: 0.32 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.001 min  
Lab File: VX027859.D  
Acq: 31 Mar 2022 19:38

Tgt Ion: 85 Resp: 212  
Ion Ratio Lower Upper  
85 100  
87 33.5 16.2 48.6

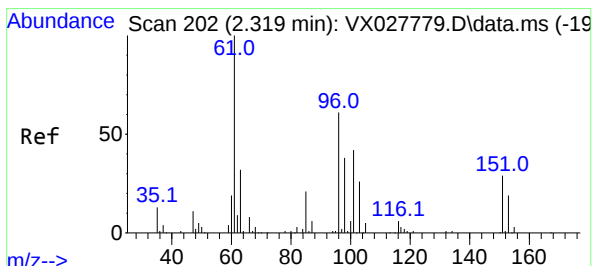
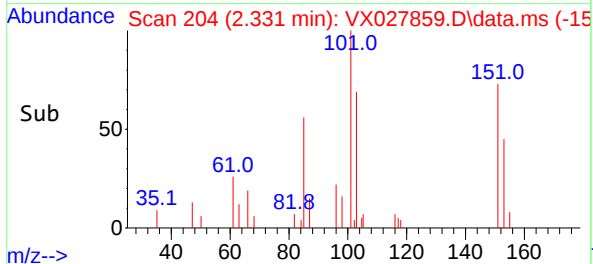
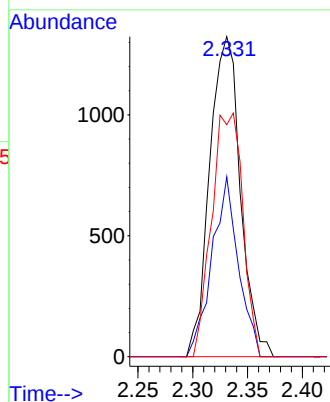
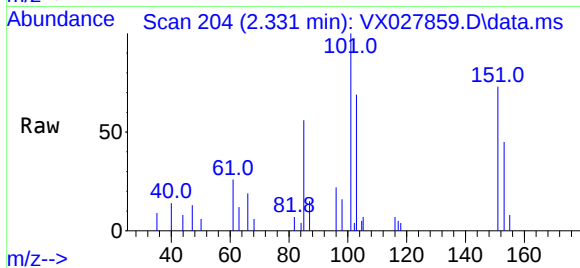




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 3.78 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX027859.D  
Acq: 31 Mar 2022 19:38

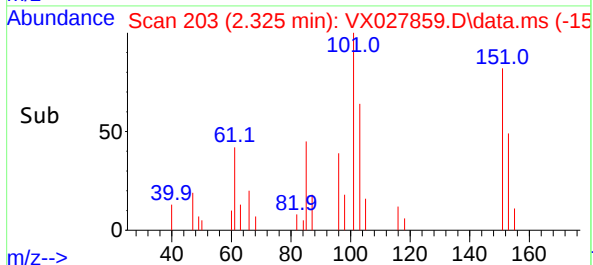
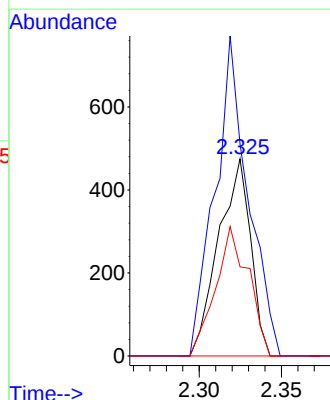
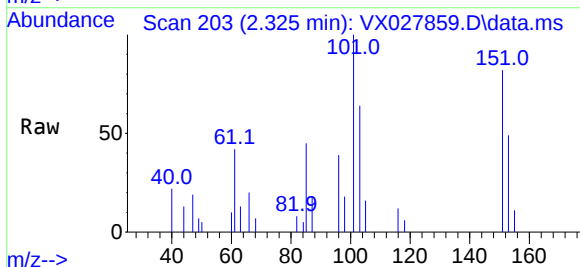
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP04-20220319

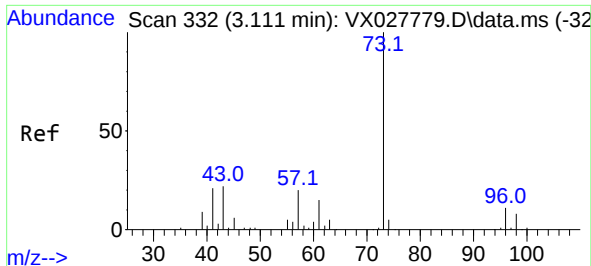
Tgt Ion:101 Resp: 2581  
Ion Ratio Lower Upper  
101 100  
85 48.4 33.5 50.3  
151 77.2 61.8 92.6



#12  
1,1-Dichloroethene  
Concen: 1.03 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX027859.D  
Acq: 31 Mar 2022 19:38

Tgt Ion: 96 Resp: 643  
Ion Ratio Lower Upper  
96 100  
61 107.6 124.6 187.0#  
98 45.3 51.0 76.4#

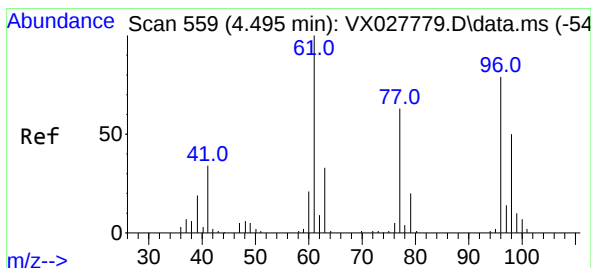
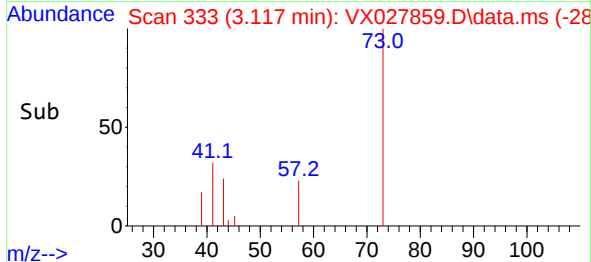
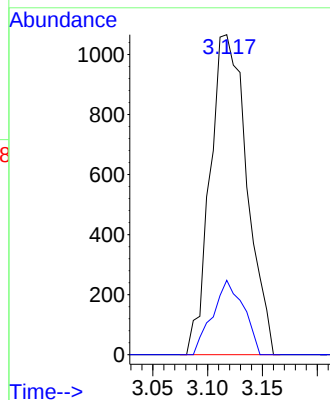
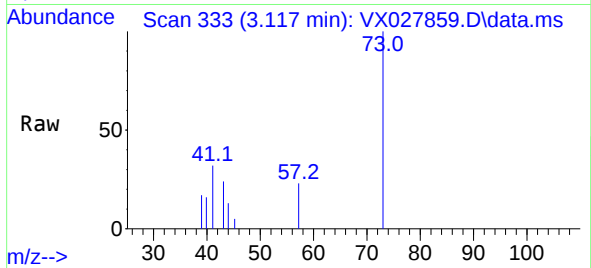




#19  
Methyl tert-butyl Ether  
Concen: 1.04 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX027859.D  
Acq: 31 Mar 2022 19:38

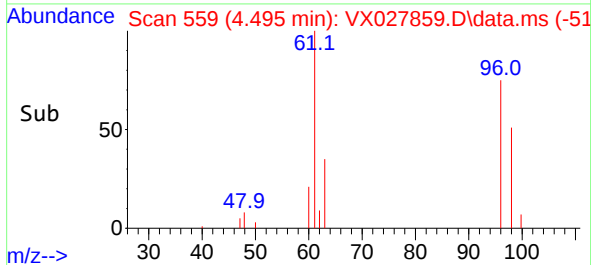
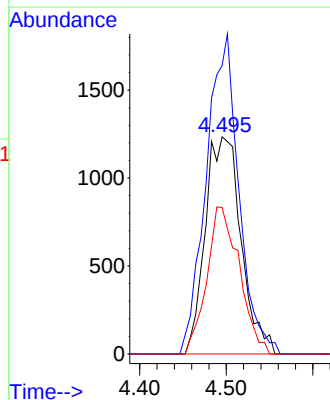
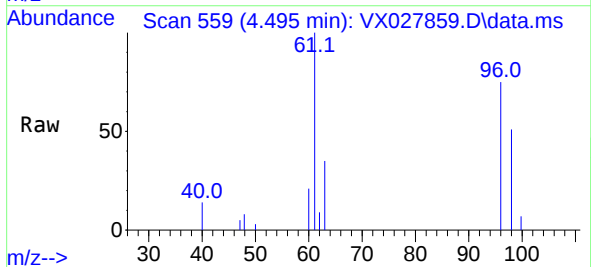
Instrument :  
MSVOA\_X  
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DUP04-20220319

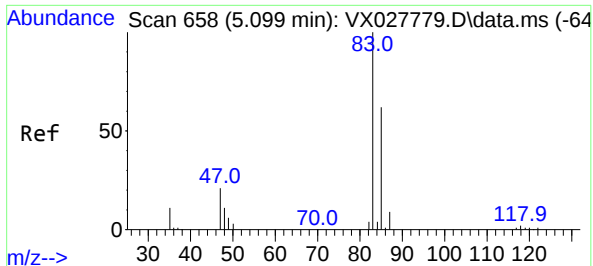
Tgt Ion: 73 Resp: 2492  
Ion Ratio Lower Upper  
73 100  
57 23.3 16.8 25.2



#27  
cis-1,2-Dichloroethene  
Concen: 4.31 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. 0.000 min  
Lab File: VX027859.D  
Acq: 31 Mar 2022 19:38

Tgt Ion: 96 Resp: 3537  
Ion Ratio Lower Upper  
96 100  
61 134.4 0.0 283.8  
98 61.7 0.0 129.8





#30

Chloroform

Concen: 1.34 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX027859.D

Acq: 31 Mar 2022 19:38

Instrument :

MSVOA\_X

ClientSampleId :

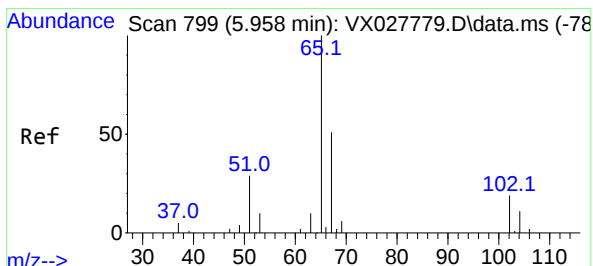
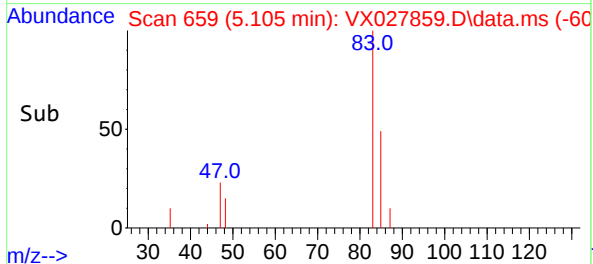
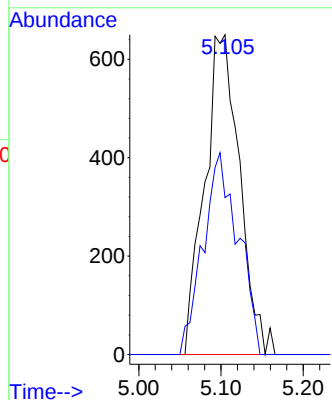
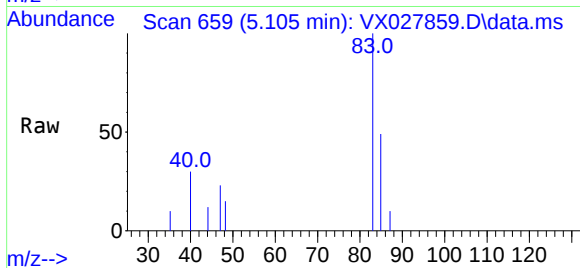
DUP04-20220319

Tgt Ion: 83 Resp: 1926

Ion Ratio Lower Upper

83 100

85 49.1 52.7 79.1#



#33

1,2-Dichloroethane-d4

Concen: 66.42 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027859.D

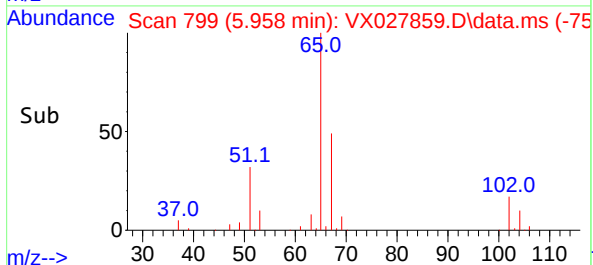
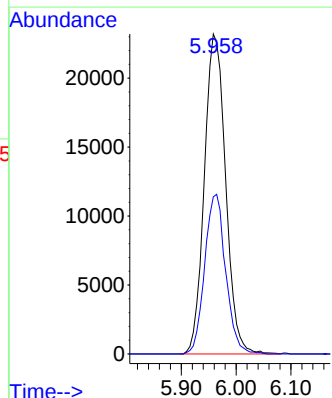
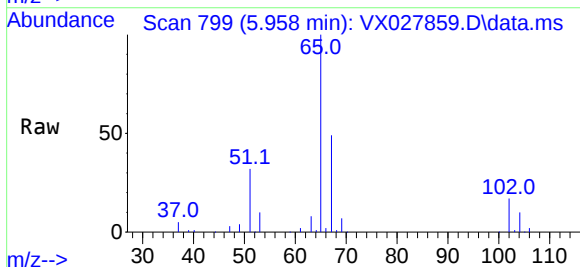
Acq: 31 Mar 2022 19:38

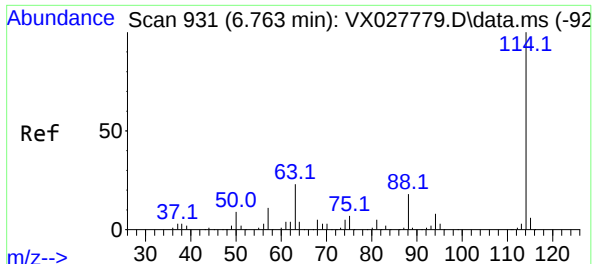
Tgt Ion: 65 Resp: 62515

Ion Ratio Lower Upper

65 100

67 49.1 0.0 107.4

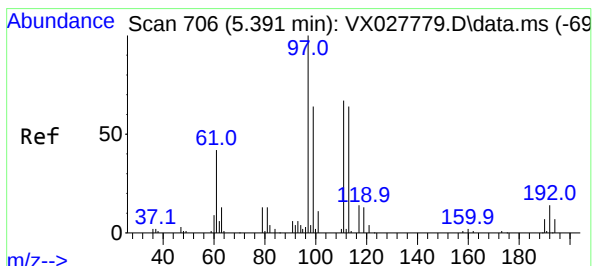
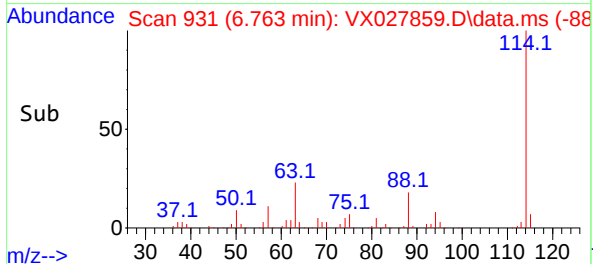
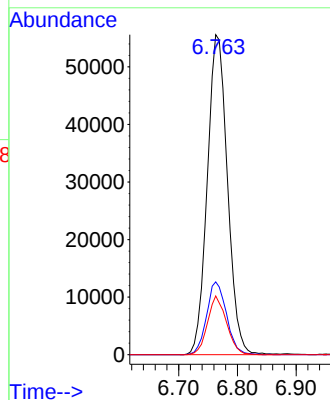
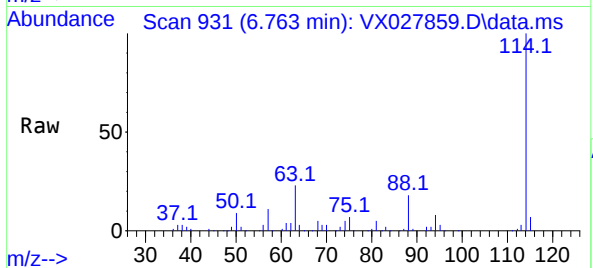




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX027859.D  
Acq: 31 Mar 2022 19:38

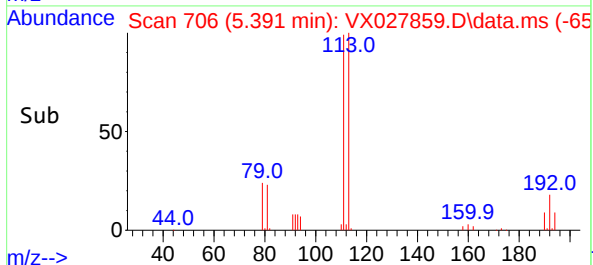
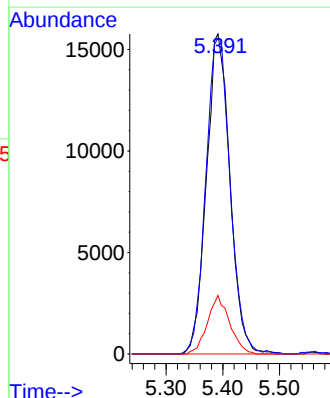
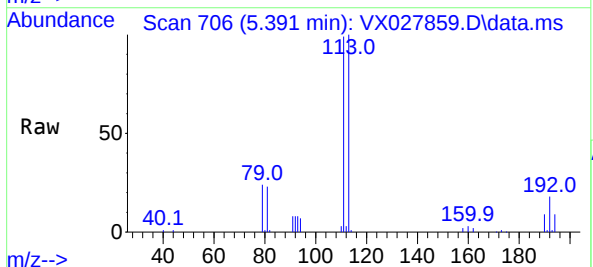
Instrument :  
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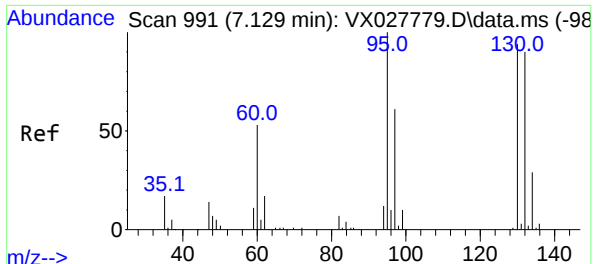
Tgt Ion:114 Resp: 132834  
Ion Ratio Lower Upper  
114 100  
63 22.8 0.0 36.8  
88 18.3 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 53.00 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX027859.D  
Acq: 31 Mar 2022 19:38

Tgt Ion:113 Resp: 45444  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.8 124.2  
192 17.2 16.9 25.3

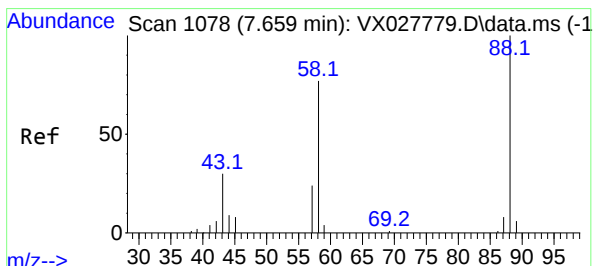
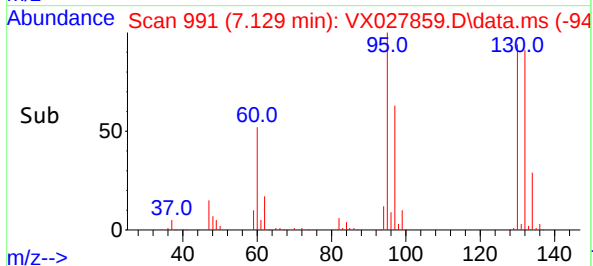
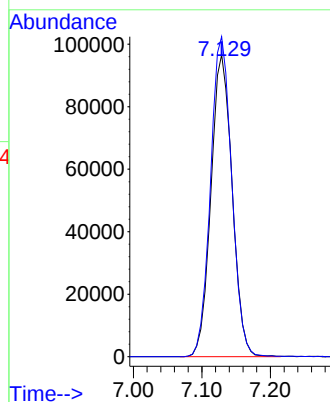
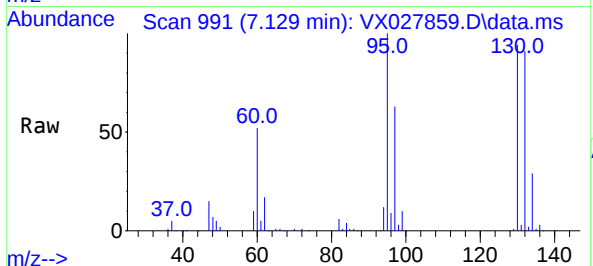




#44  
Trichloroethene  
Concen: 232.95 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX027859.D  
Acq: 31 Mar 2022 19:38

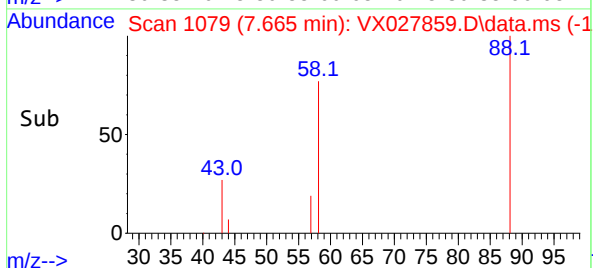
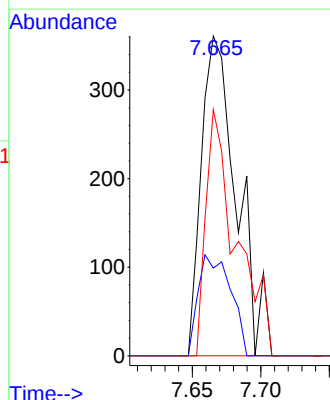
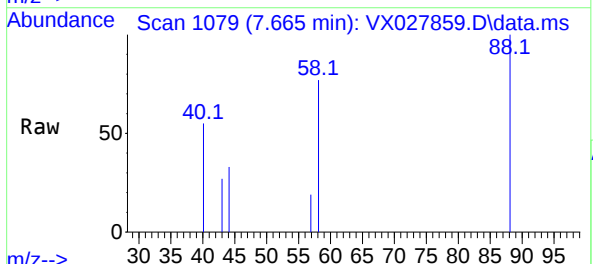
Instrument :  
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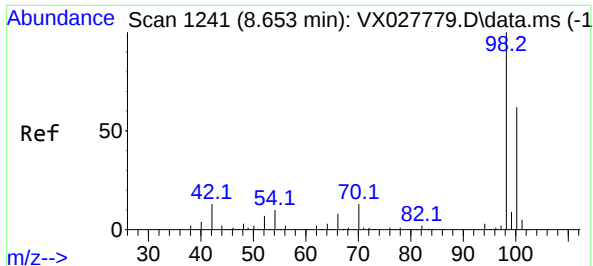
Tgt Ion:130 Resp: 207182  
Ion Ratio Lower Upper  
130 100  
95 105.9 0.0 188.8



#49  
1,4-Dioxane  
Concen: 29.24 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.006 min  
Lab File: VX027859.D  
Acq: 31 Mar 2022 19:38

Tgt Ion: 88 Resp: 649  
Ion Ratio Lower Upper  
88 100  
43 28.8 21.9 32.9  
58 66.3 53.7 80.5

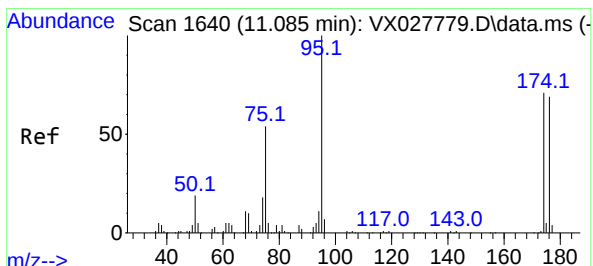
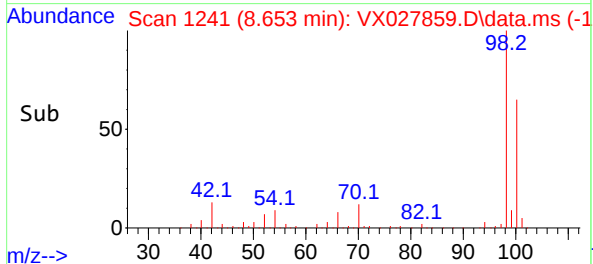
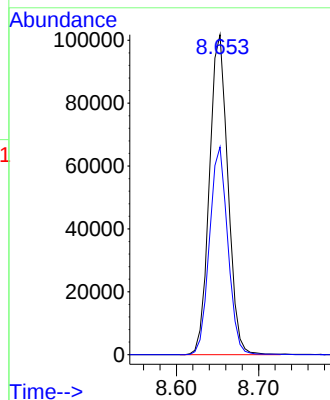
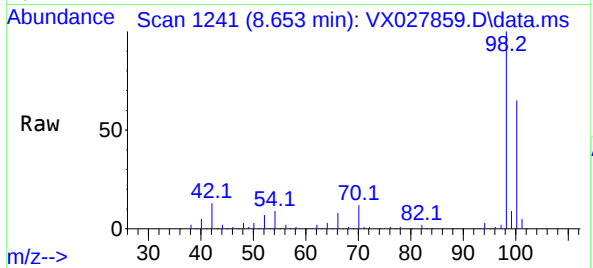




#50  
Toluene-d8  
Concen: 52.59 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX027859.D  
Acq: 31 Mar 2022 19:38

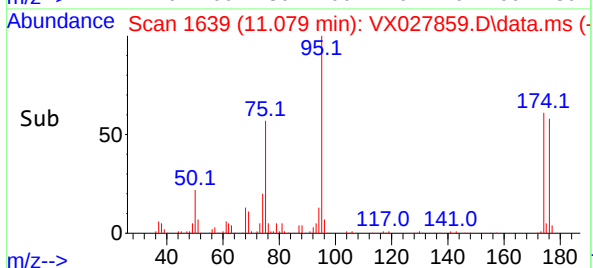
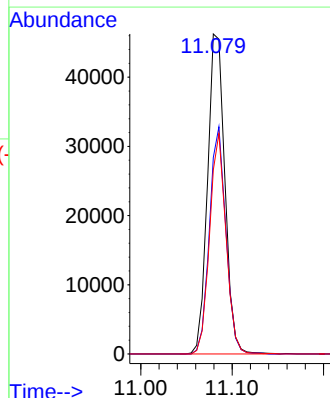
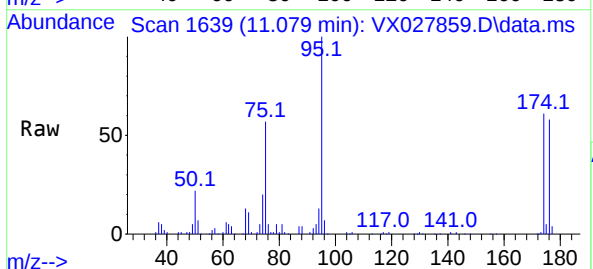
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP04-20220319

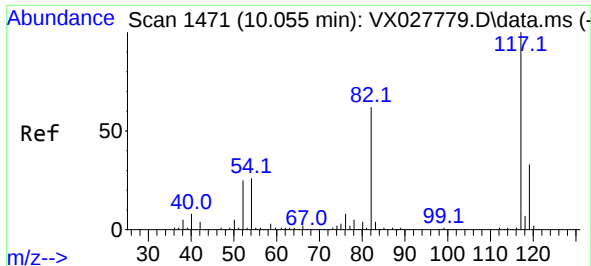
Tgt Ion: 98 Resp: 158653  
Ion Ratio Lower Upper  
98 100  
100 64.3 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 47.38 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX027859.D  
Acq: 31 Mar 2022 19:38

Tgt Ion: 95 Resp: 60745  
Ion Ratio Lower Upper  
95 100  
174 67.5 0.0 163.0  
176 64.9 0.0 155.0

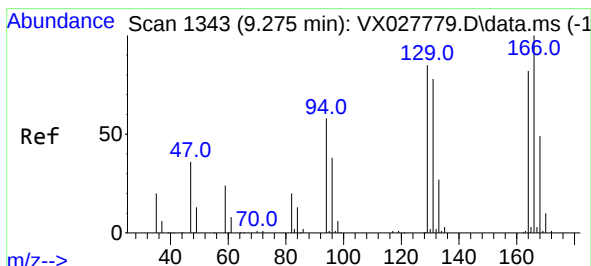
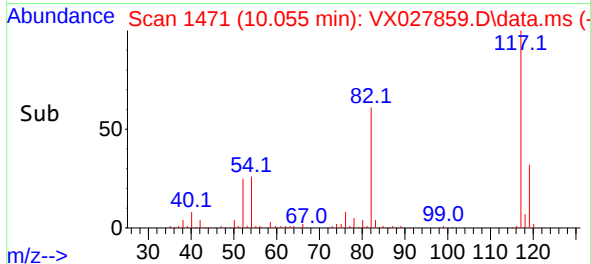
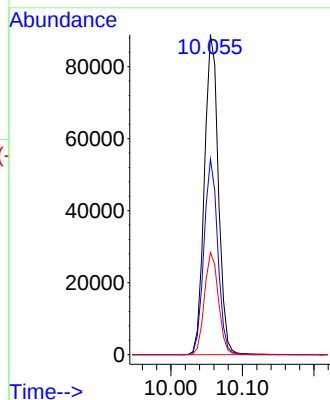
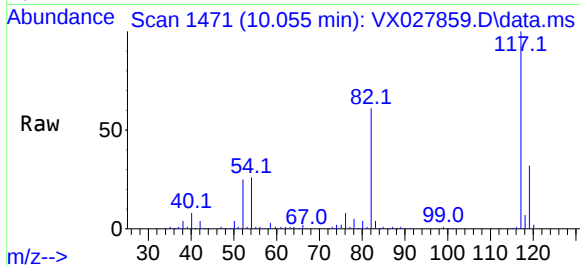




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027859.D  
Acq: 31 Mar 2022 19:38

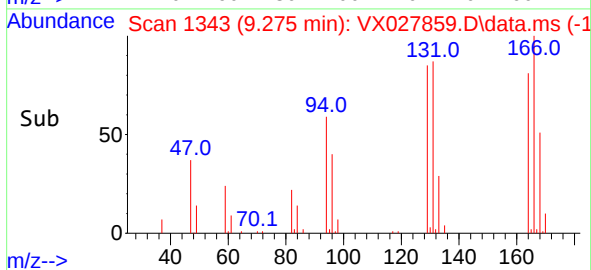
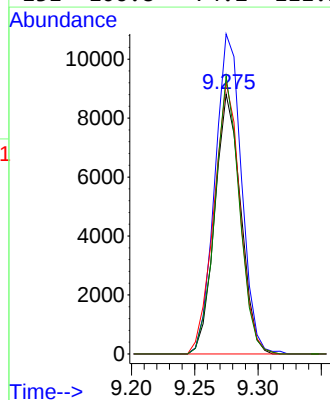
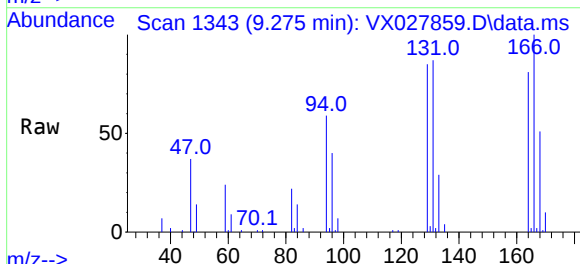
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP04-20220319

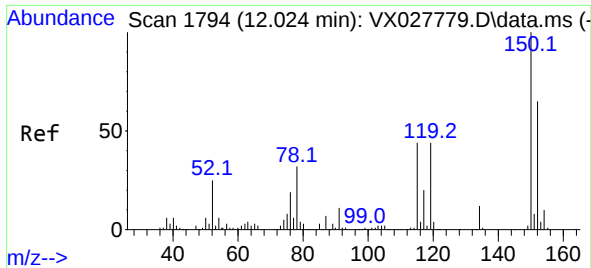
Tgt Ion:117 Resp: 120805  
Ion Ratio Lower Upper  
117 100  
82 61.1 41.8 62.8  
119 32.0 24.8 37.2



#64  
Tetrachloroethene  
Concen: 15.29 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX027859.D  
Acq: 31 Mar 2022 19:38

Tgt Ion:164 Resp: 12521  
Ion Ratio Lower Upper  
164 100  
166 123.1 101.2 151.8  
129 104.5 73.0 109.4  
131 106.8 74.2 111.2





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027859.D  
Acq: 31 Mar 2022 19:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP04-20220319

Tgt Ion:152 Resp: 51651  
Ion Ratio Lower Upper  
152 100  
115 64.9 37.5 112.7  
150 156.9 0.0 338.2

