

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032122\  
 Data File : VX027604.D  
 Acq On : 21 Mar 2022 22:20  
 Operator : JC/MD  
 Sample : N2000-08DL 20X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE-132D7-20220315DL

Quant Time: Mar 22 05:52:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031722W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 17 15:02:59 2022  
 Response via : Initial Calibration

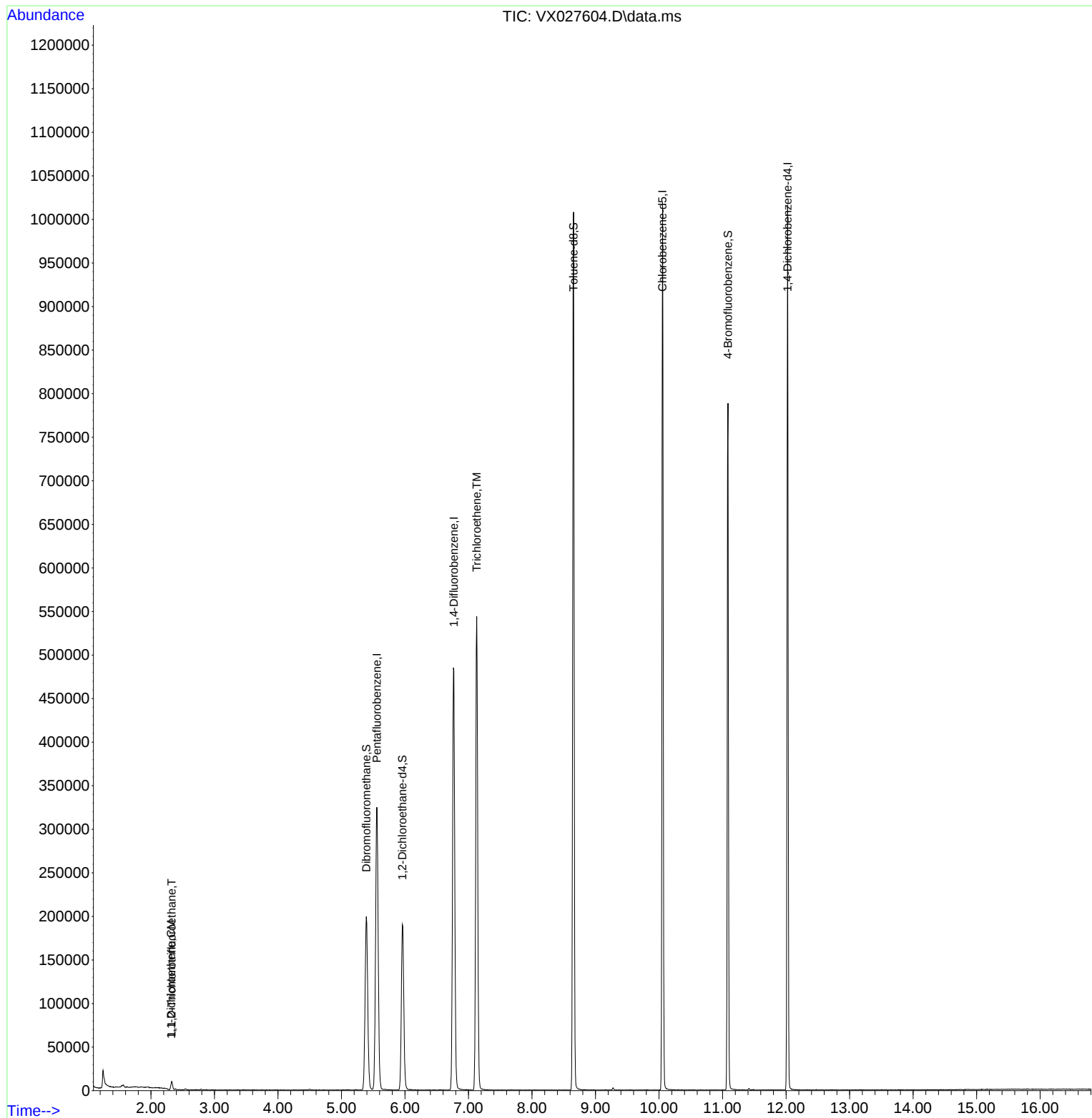
| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 326495   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.769  | 114   | 534907   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 487906   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 216306   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 185284   | 46.067   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =      | 92.140%  |
| 35) Dibromofluoromethane     | 5.391  | 113   | 178586   | 51.892   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =      | 103.780% |
| 50) Toluene-d8               | 8.653  | 98    | 628152   | 48.234   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =      | 96.460%  |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 217685   | 45.477   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =      | 90.960%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 3259     | 1.031    | ug/l   | 97       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 838      | 0.276    | ug/l # | 94       |
| 44) Trichloroethene          | 7.129  | 130   | 227576   | 55.562   | ug/l   | 100      |
| -----                        |        |       |          |          |        |          |

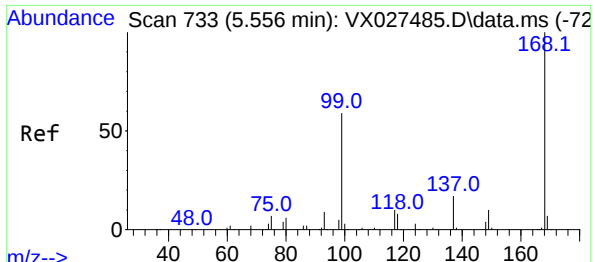
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Mar 17 15:02:59 2022  
Response via : Initial Calibration

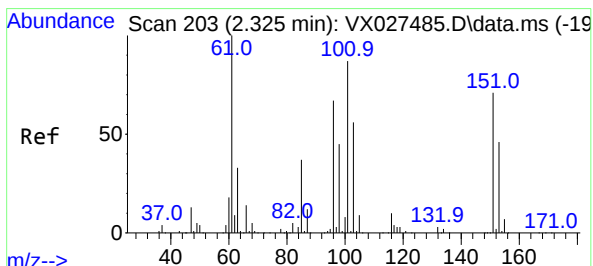
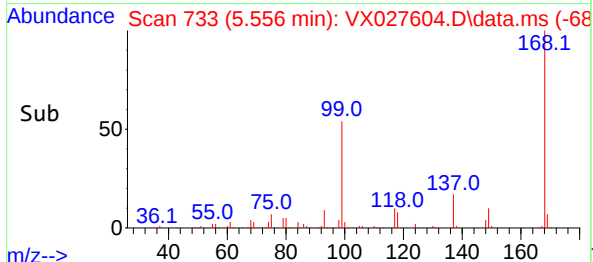
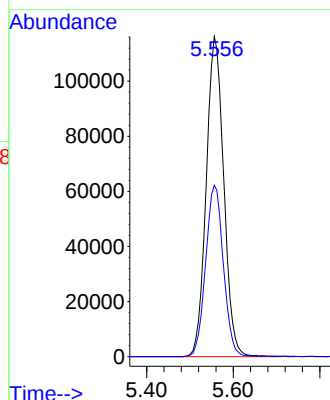
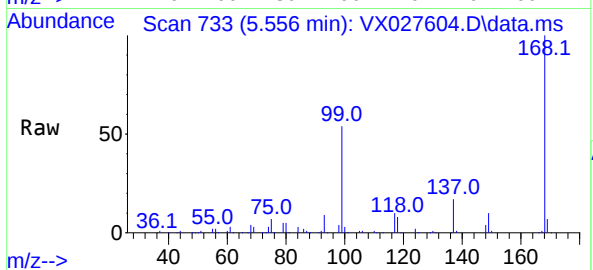




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027604.D  
Acq: 21 Mar 2022 22:20

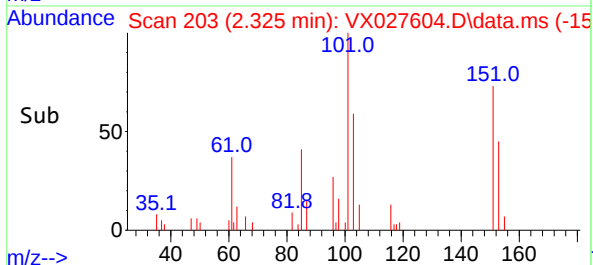
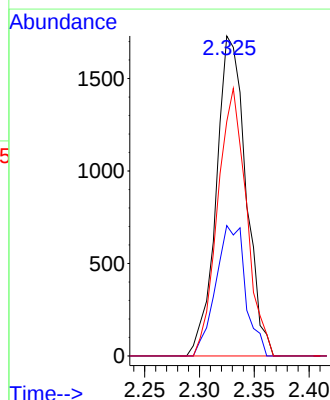
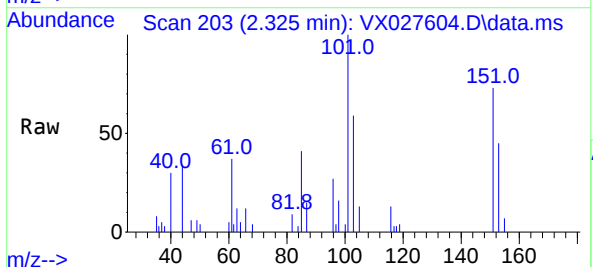
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-132D7-20220315DL

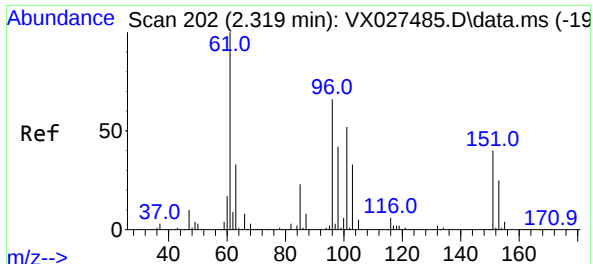
Tgt Ion:168 Resp: 326495  
Ion Ratio Lower Upper  
168 100  
99 53.6 41.7 62.5



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.031 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: VX027604.D  
Acq: 21 Mar 2022 22:20

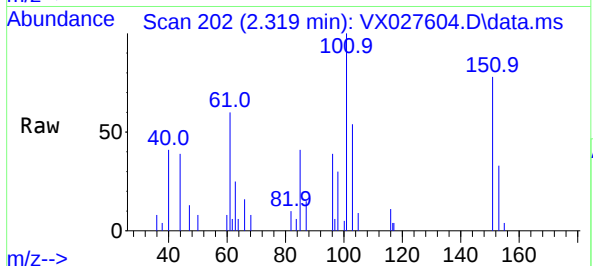
Tgt Ion:101 Resp: 3259  
Ion Ratio Lower Upper  
101 100  
85 40.9 33.5 50.3  
151 81.1 61.8 92.6



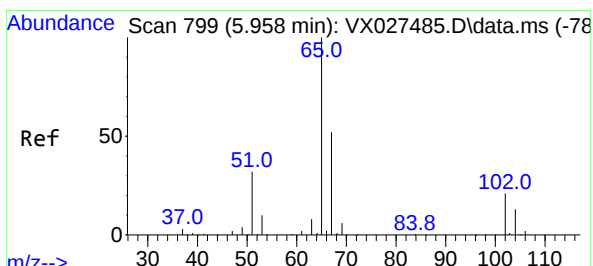
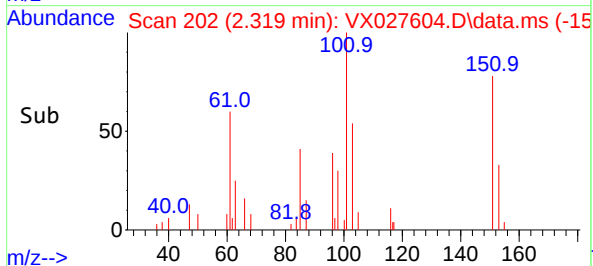
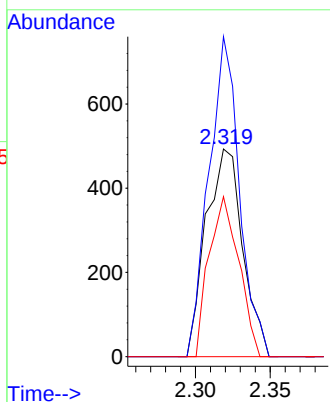


#12  
 1,1-Dichloroethene  
 Concen: 0.276 ug/l  
 RT: 2.319 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VX027604.D  
 Acq: 21 Mar 2022 22:20

Instrument :  
 MSVOA\_X  
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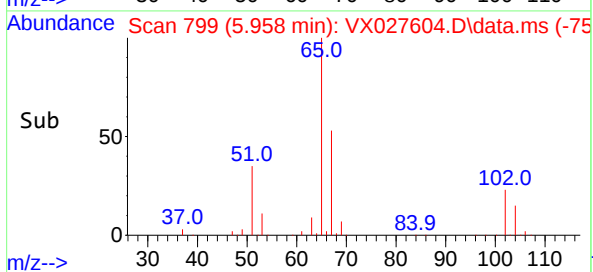
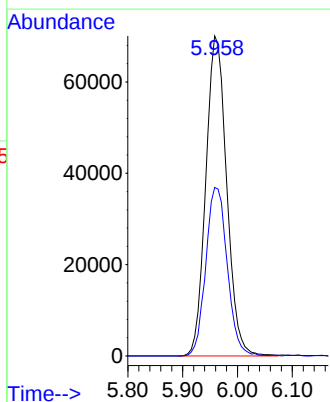
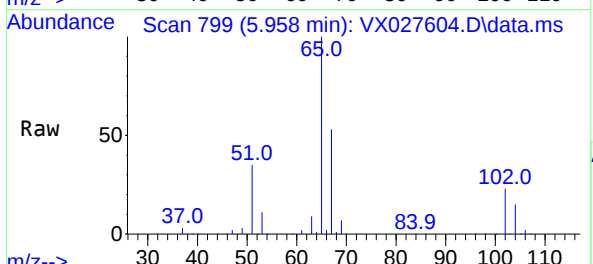


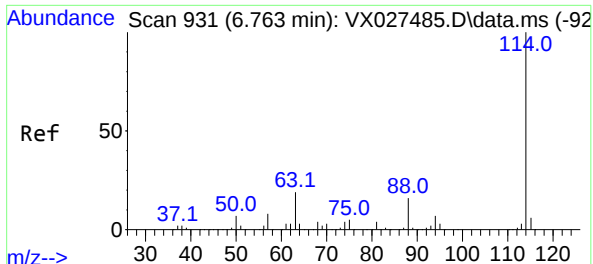
Tgt Ion: 96 Resp: 838  
 Ion Ratio Lower Upper  
 96 100  
 61 154.2 124.6 187.0  
 98 77.1 51.0 76.4#



#33  
 1,2-Dichloroethane-d4  
 Concen: 46.067 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX027604.D  
 Acq: 21 Mar 2022 22:20

Tgt Ion: 65 Resp: 185284  
 Ion Ratio Lower Upper  
 65 100  
 67 54.1 0.0 107.4

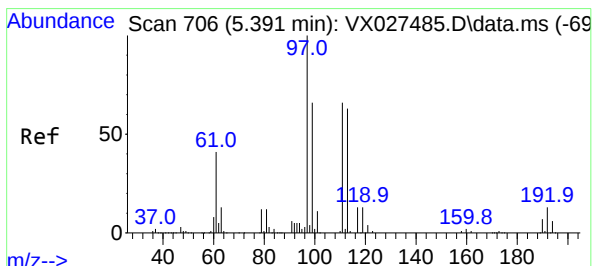
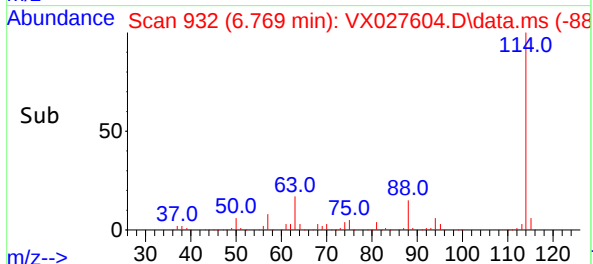
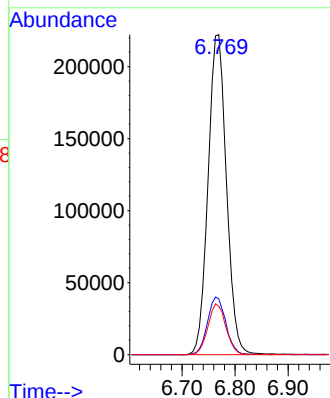
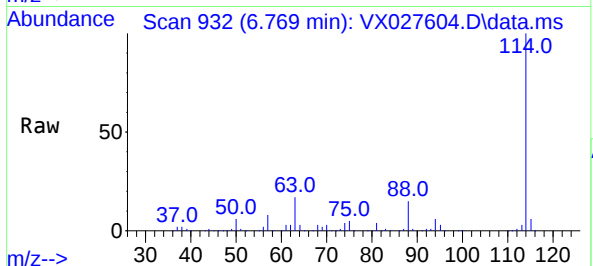




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX027604.D  
Acq: 21 Mar 2022 22:20

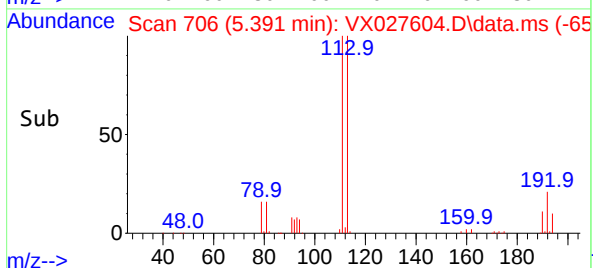
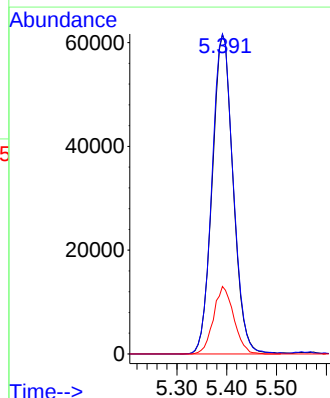
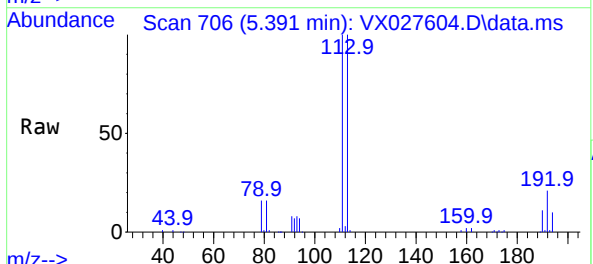
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE-132D7-20220315DL

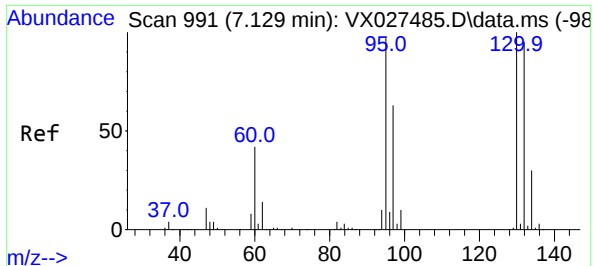
Tgt Ion:114 Resp: 534907  
Ion Ratio Lower Upper  
114 100  
63 17.5 0.0 36.8  
88 15.2 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 51.892 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX027604.D  
Acq: 21 Mar 2022 22:20

Tgt Ion:113 Resp: 178586  
Ion Ratio Lower Upper  
113 100  
111 101.5 82.8 124.2  
192 20.6 16.9 25.3

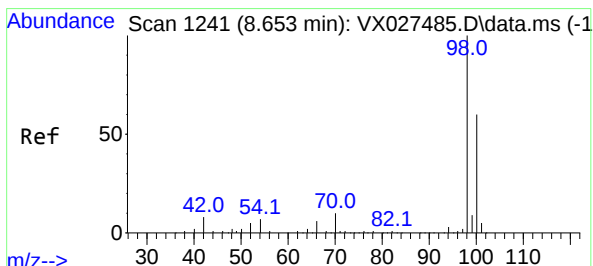
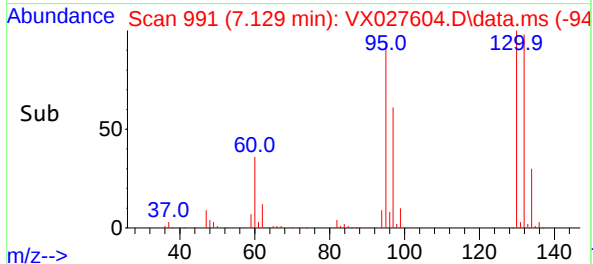
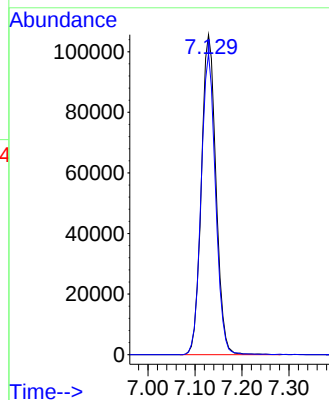
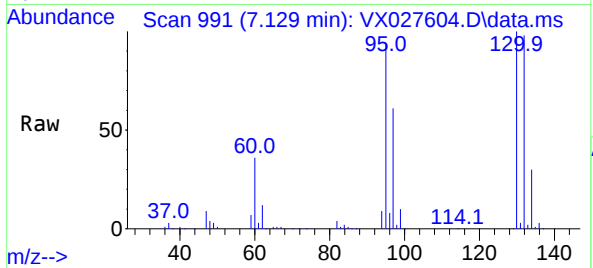




#44  
 Trichloroethene  
 Concen: 55.562 ug/l  
 RT: 7.129 min Scan# 991  
 Delta R.T. 0.000 min  
 Lab File: VX027604.D  
 Acq: 21 Mar 2022 22:20

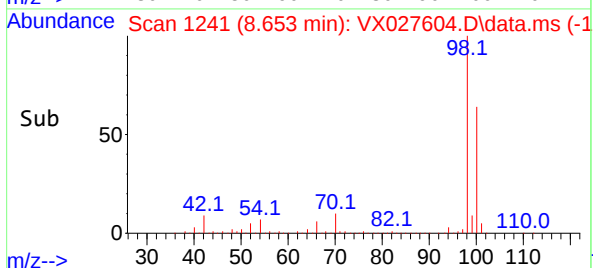
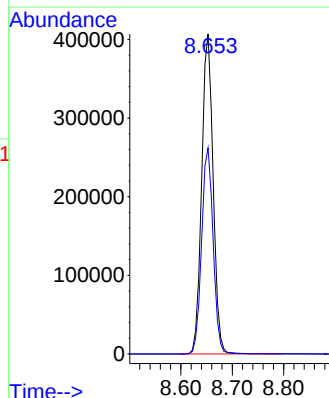
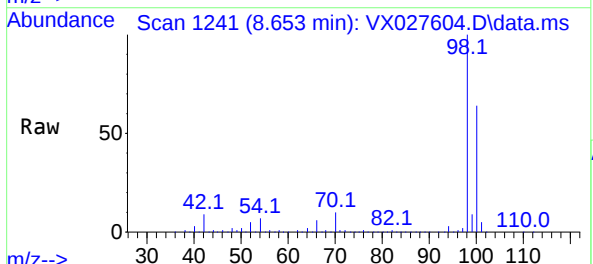
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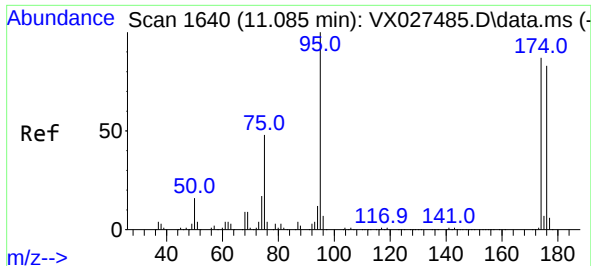
Tgt Ion:130 Resp: 227576  
 Ion Ratio Lower Upper  
 130 100  
 95 94.1 0.0 188.8



#50  
 Toluene-d8  
 Concen: 48.234 ug/l  
 RT: 8.653 min Scan# 1241  
 Delta R.T. 0.000 min  
 Lab File: VX027604.D  
 Acq: 21 Mar 2022 22:20

Tgt Ion: 98 Resp: 628152  
 Ion Ratio Lower Upper  
 98 100  
 100 64.7 52.6 78.8

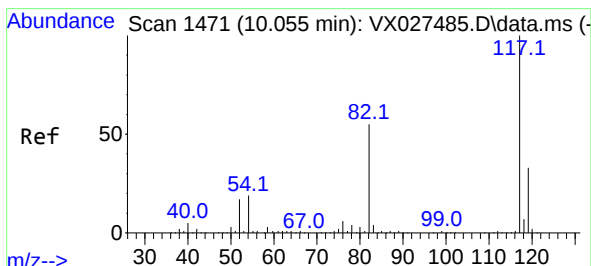
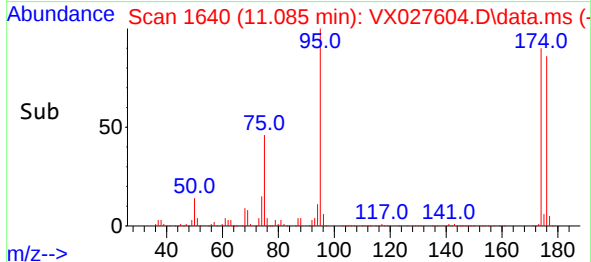
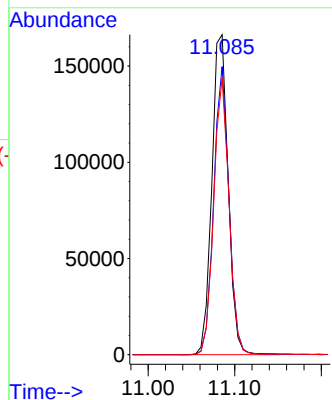
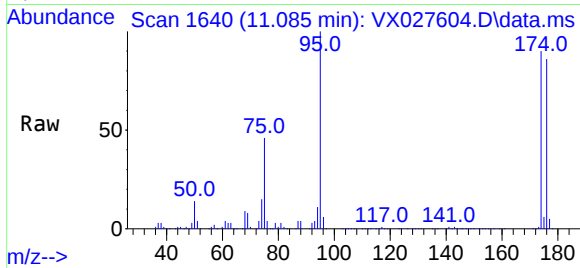




#62  
4-Bromofluorobenzene  
Concen: 45.477 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX027604.D  
Acq: 21 Mar 2022 22:20

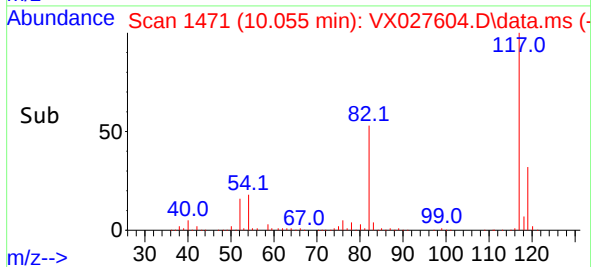
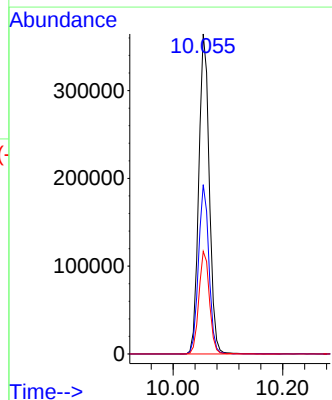
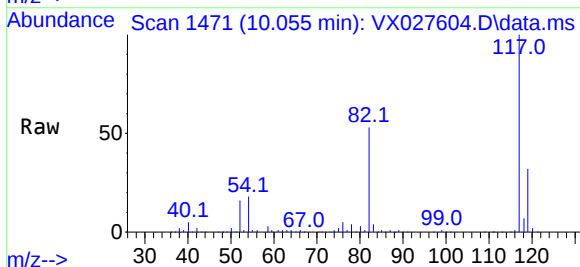
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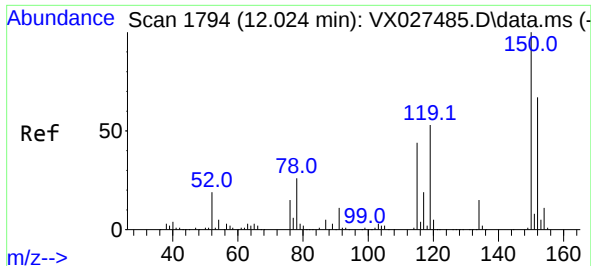
Tgt Ion: 95 Resp: 217685  
Ion Ratio Lower Upper  
95 100  
174 84.0 0.0 163.0  
176 81.2 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027604.D  
Acq: 21 Mar 2022 22:20

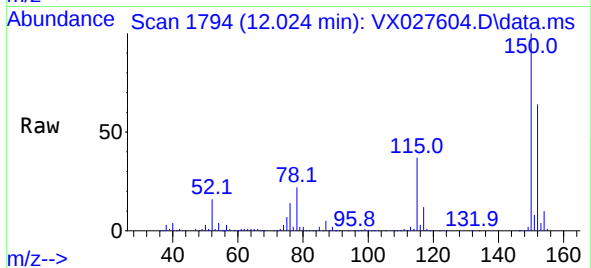
Tgt Ion: 117 Resp: 487906  
Ion Ratio Lower Upper  
117 100  
82 52.9 41.8 62.8  
119 32.0 24.8 37.2





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027604.D  
Acq: 21 Mar 2022 22:20

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MSVOA\_X  
ClientSampleId :  
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Tgt Ion:152 Resp: 216306  
Ion Ratio Lower Upper  
152 100  
115 58.3 37.5 112.7  
150 157.1 0.0 338.2

