

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083022\  
 Data File : VX030955.D  
 Acq On : 30 Aug 2022 21:41  
 Operator : JC/MD  
 Sample : N4297-15DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE131D3-20220821DL

Quant Time: Aug 31 03:17:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X083022W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 30 14:24:53 2022  
 Response via : Initial Calibration

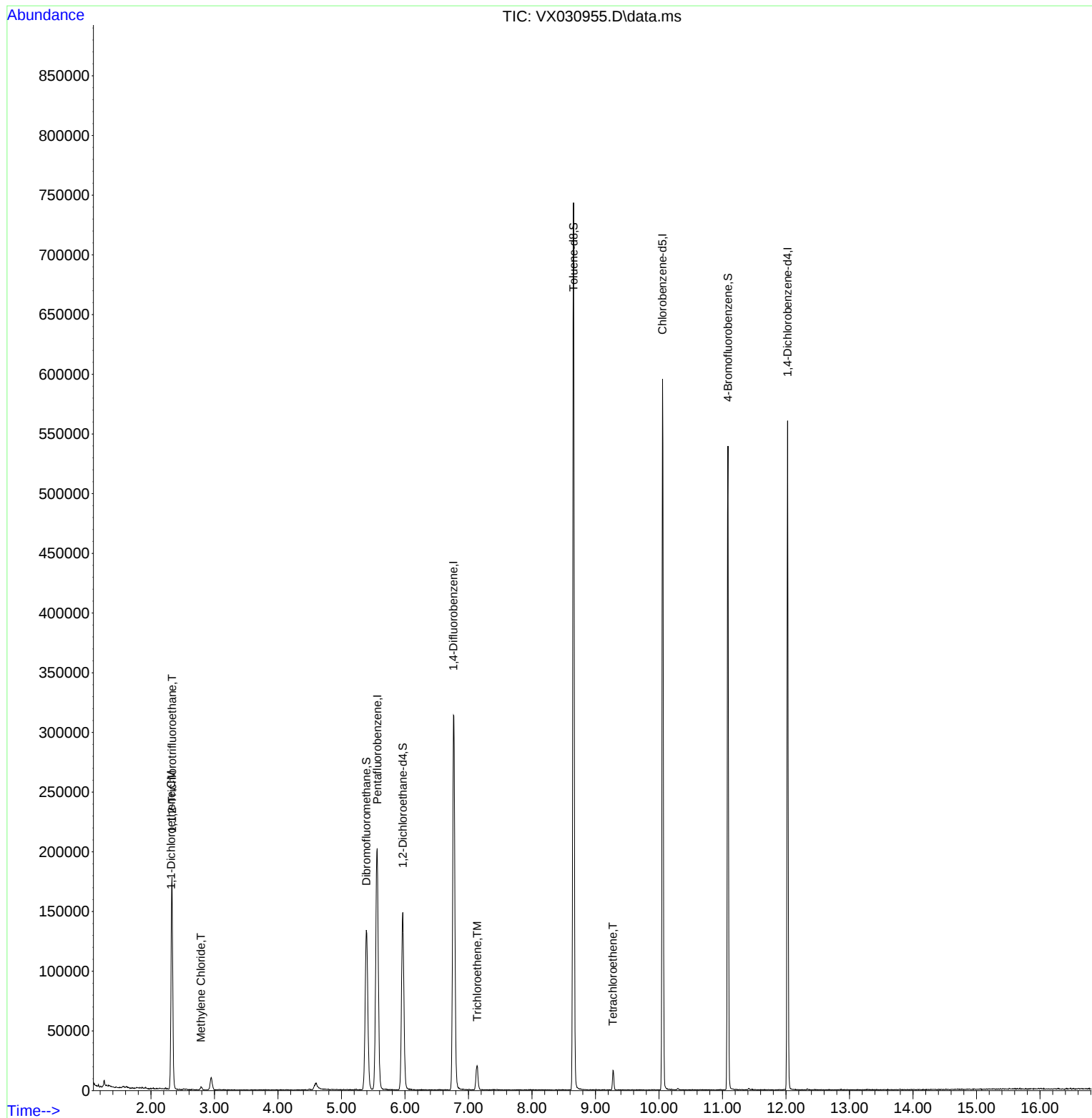
| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.562  | 168   | 195357   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 339573   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 283019   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 117310   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.964  | 65    | 138452   | 49.412   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 98.820%  |
| 35) Dibromofluoromethane     | 5.391  | 113   | 121140   | 48.395   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 96.800%  |
| 50) Toluene-d8               | 8.653  | 98    | 453547   | 48.926   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 97.860%  |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 146533   | 44.389   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 88.780%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 72139    | 29.972   | ug/l   | 96       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 604      | 0.254    | ug/l # | 63       |
| 20) Methylene Chloride       | 2.788  | 84    | 1172     | 0.408    | ug/l   | 91       |
| 44) Trichloroethene          | 7.135  | 130   | 9281     | 2.938    | ug/l   | 96       |
| 64) Tetrachloroethene        | 9.275  | 164   | 3253     | 1.215    | ug/l   | 93       |
| -----                        |        |       |          |          |        |          |

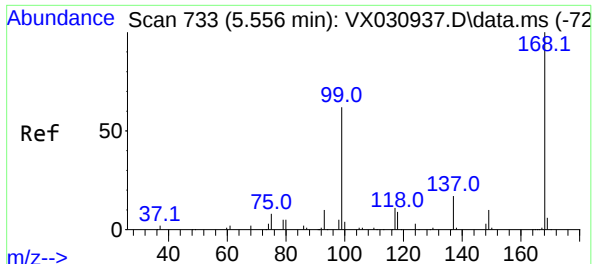
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Aug 30 14:24:53 2022  
Response via : Initial Calibration

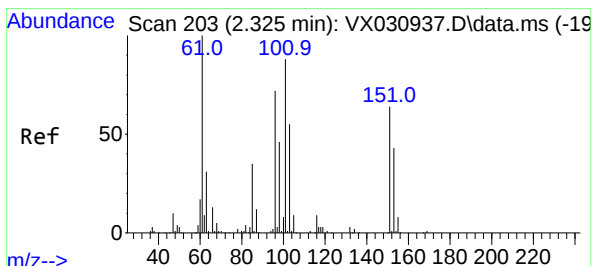
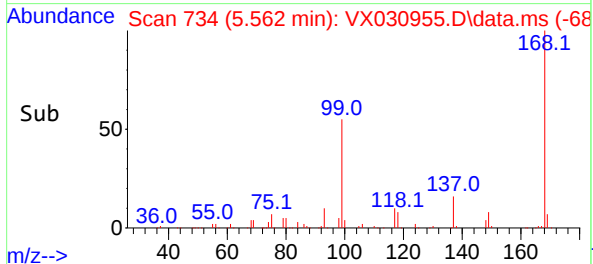
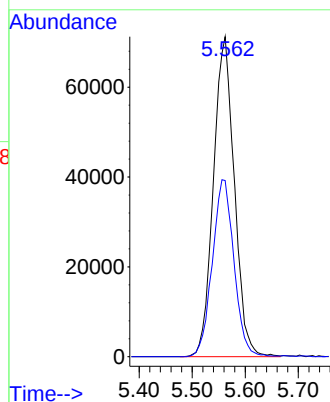
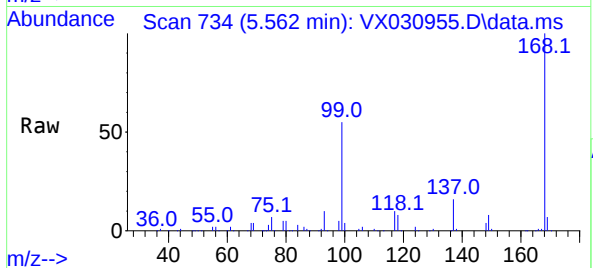




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX030955.D  
Acq: 30 Aug 2022 21:41

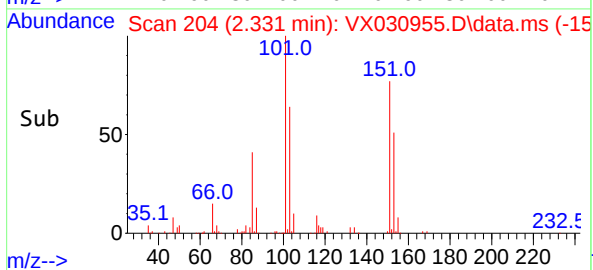
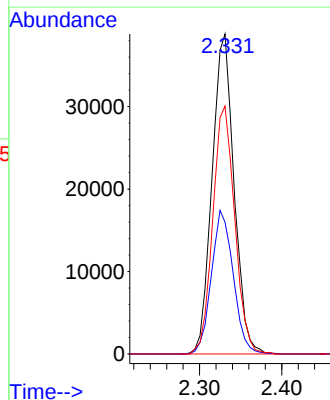
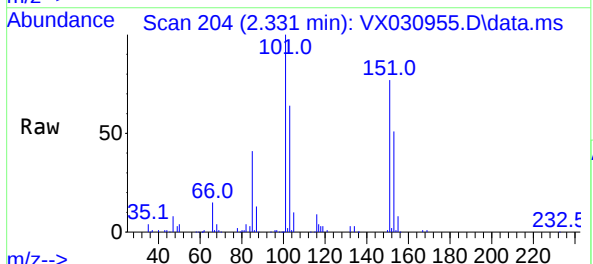
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE131D3-20220821DL

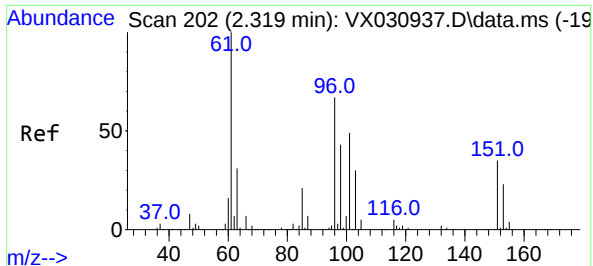
Tgt Ion:168 Resp: 195357  
Ion Ratio Lower Upper  
168 100  
99 55.1 44.0 66.0



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 29.972 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: VX030955.D  
Acq: 30 Aug 2022 21:41

Tgt Ion:101 Resp: 72139  
Ion Ratio Lower Upper  
101 100  
85 44.7 34.0 51.0  
151 77.4 59.4 89.0

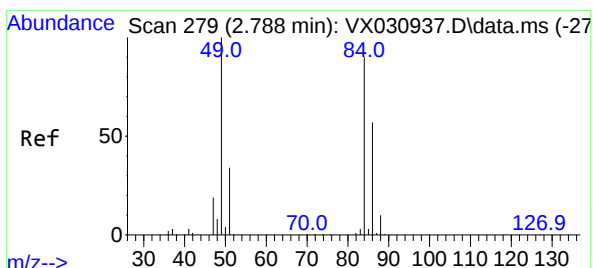
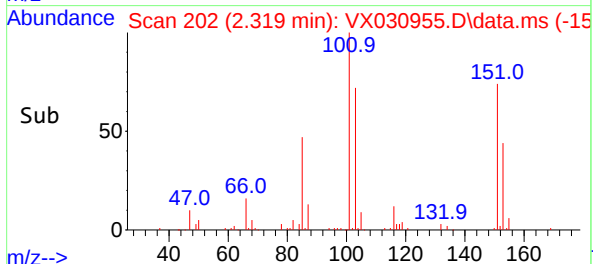
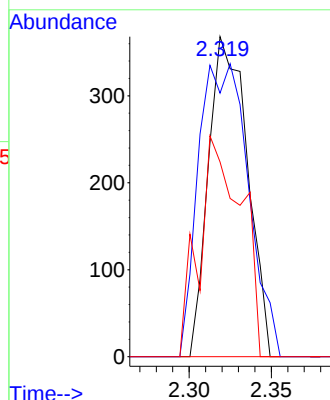
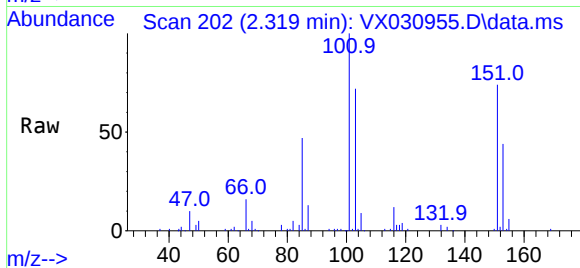




#12  
1,1-Dichloroethene  
Concen: 0.254 ug/l  
RT: 2.319 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VX030955.D  
Acq: 30 Aug 2022 21:41

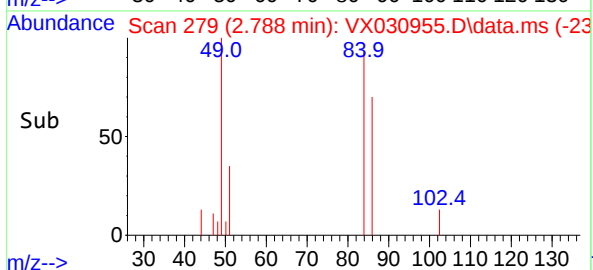
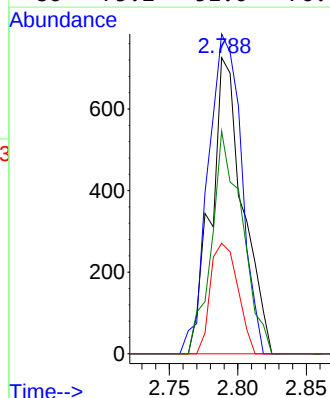
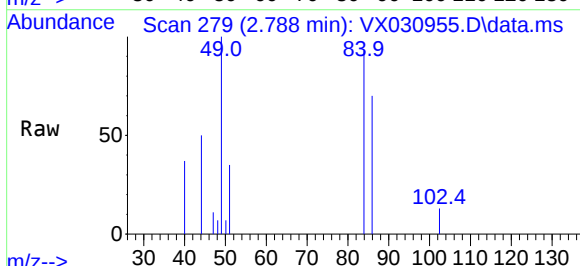
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE131D3-20220821DL

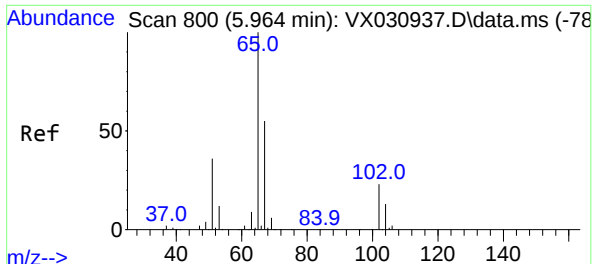
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 604    |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 82.3  | 117.4 | 176.0# |
| 98       | 60.9  | 52.2  | 78.4   |



#20  
Methylene Chloride  
Concen: 0.408 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX030955.D  
Acq: 30 Aug 2022 21:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 1172  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 108.0 | 93.8  | 140.6 |
| 51       | 37.3  | 29.4  | 44.0  |
| 86       | 75.2  | 51.0  | 76.4  |





#33

1,2-Dichloroethane-d4

Concen: 49.412 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030955.D

Acq: 30 Aug 2022 21:41

Instrument :

MSVOA\_X

ClientSampleId :

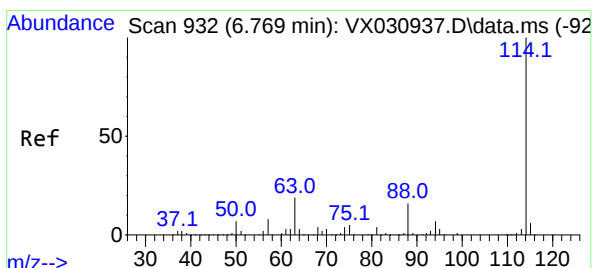
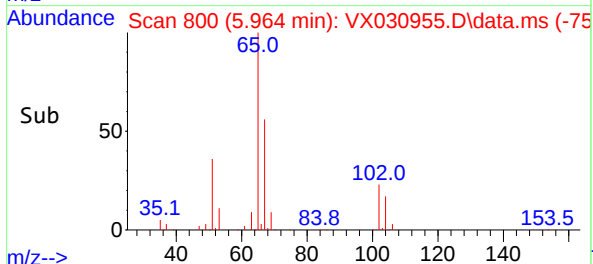
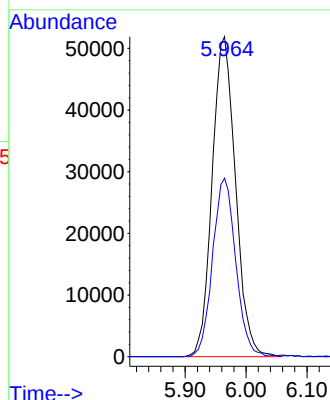
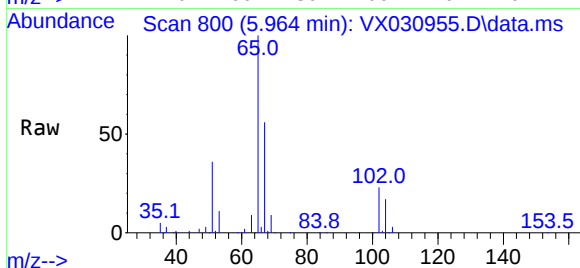
RE131D3-20220821DL

Tgt Ion: 65 Resp: 138452

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030955.D

Acq: 30 Aug 2022 21:41

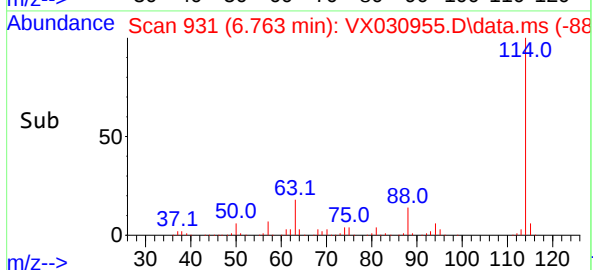
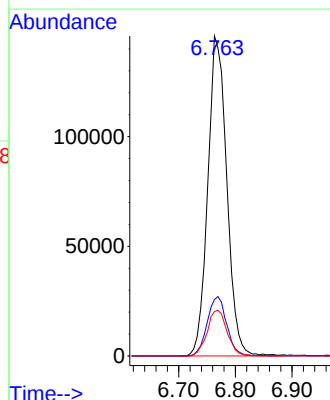
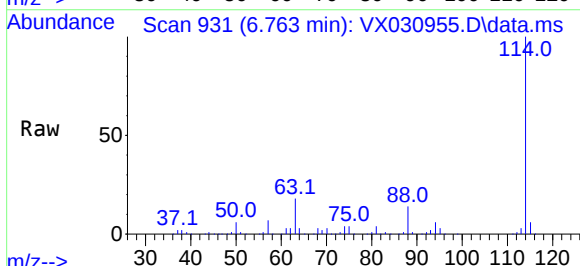
Tgt Ion: 114 Resp: 339573

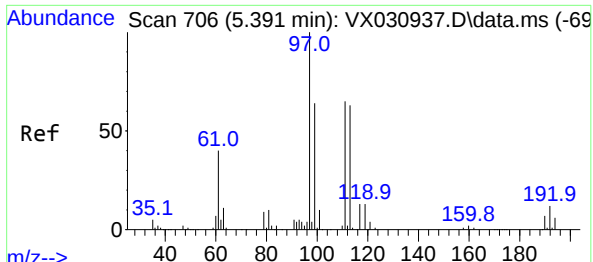
Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

88 13.8 0.0 31.8

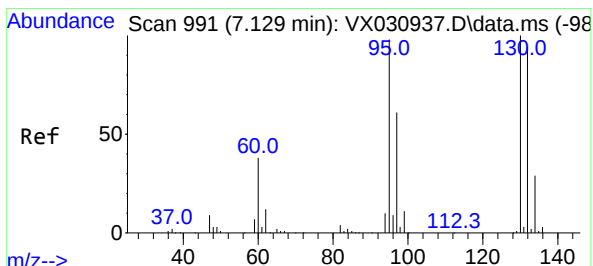
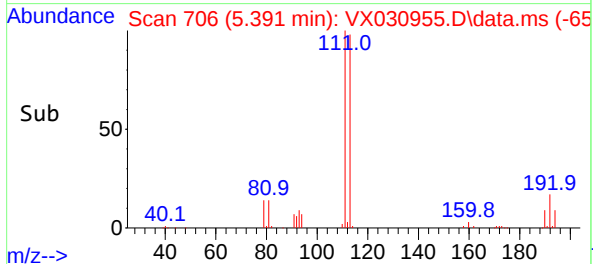
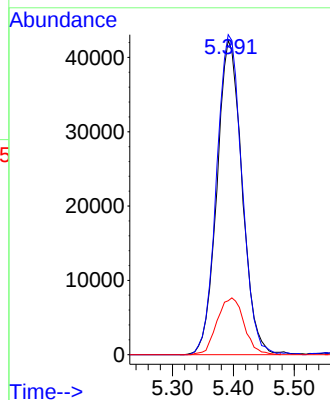
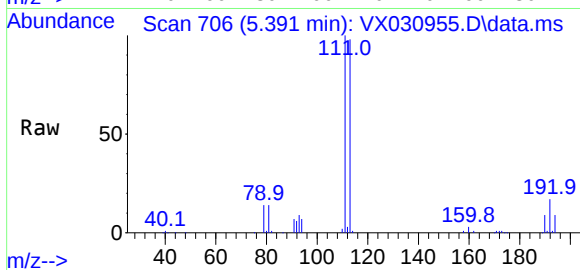




#35  
Dibromofluoromethane  
Concen: 48.395 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX030955.D  
Acq: 30 Aug 2022 21:41

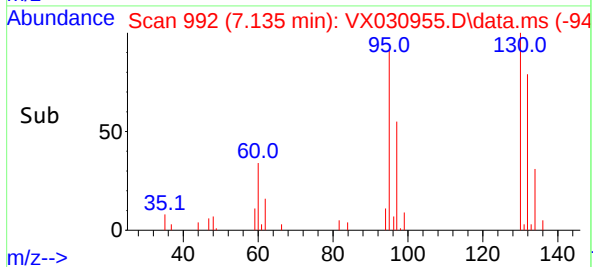
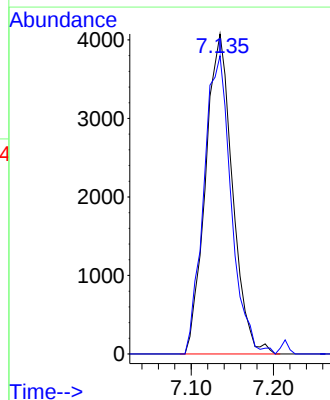
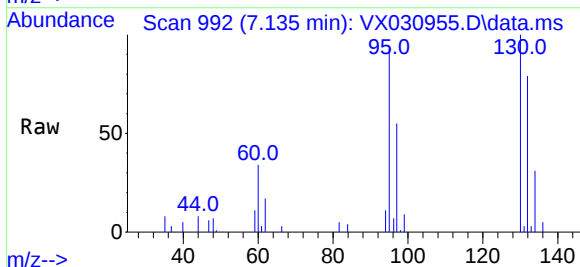
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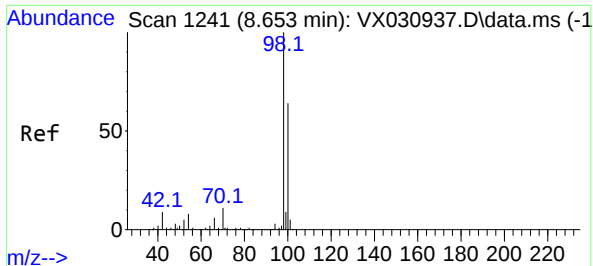
Tgt Ion:113 Resp: 121140  
Ion Ratio Lower Upper  
113 100  
111 103.2 83.2 124.8  
192 19.4 14.8 22.2



#44  
Trichloroethene  
Concen: 2.938 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VX030955.D  
Acq: 30 Aug 2022 21:41

Tgt Ion:130 Resp: 9281  
Ion Ratio Lower Upper  
130 100  
95 93.2 0.0 194.8

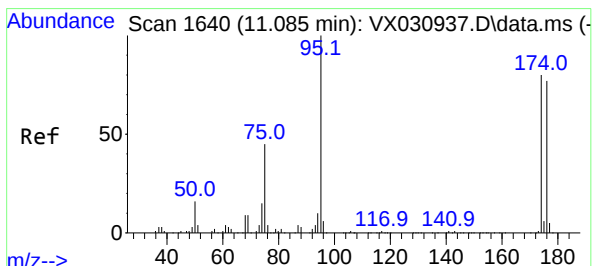
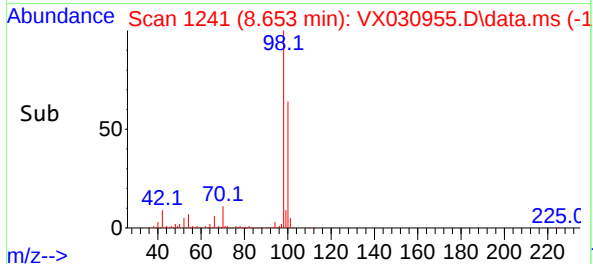
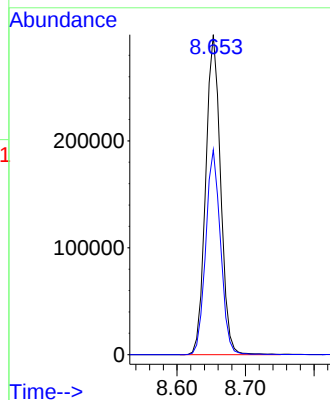
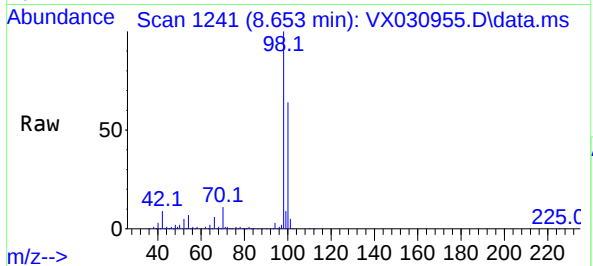




#50  
Toluene-d8  
Concen: 48.926 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX030955.D  
Acq: 30 Aug 2022 21:41

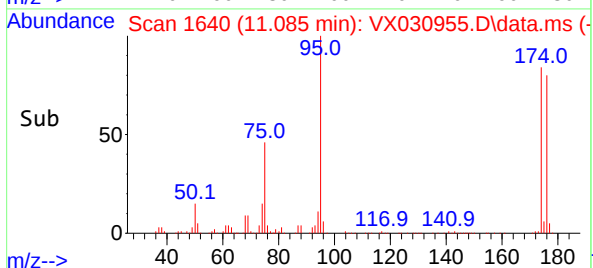
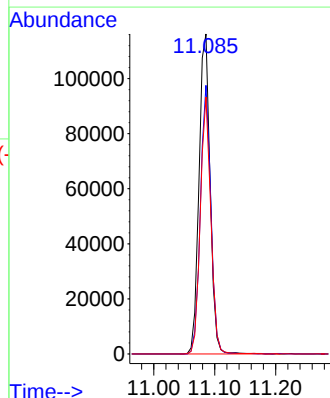
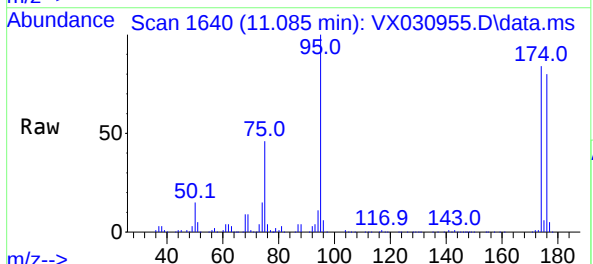
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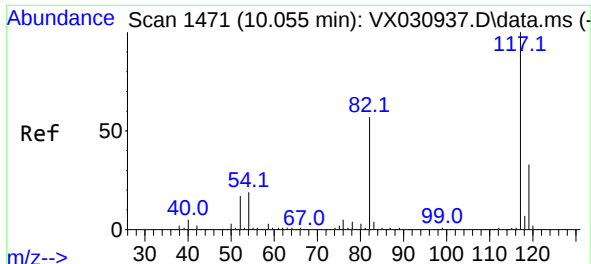
Tgt Ion: 98 Resp: 453547  
Ion Ratio Lower Upper  
98 100  
100 63.7 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 44.389 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX030955.D  
Acq: 30 Aug 2022 21:41

Tgt Ion: 95 Resp: 146533  
Ion Ratio Lower Upper  
95 100  
174 79.9 0.0 149.0  
176 76.3 0.0 146.0

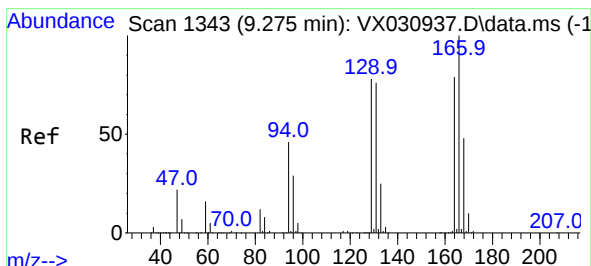
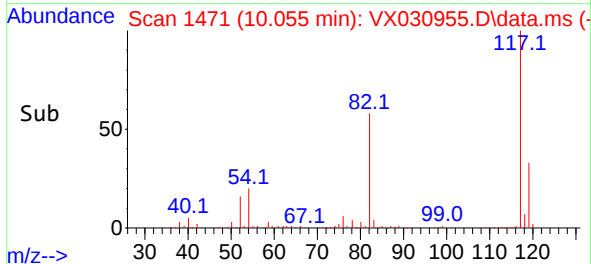
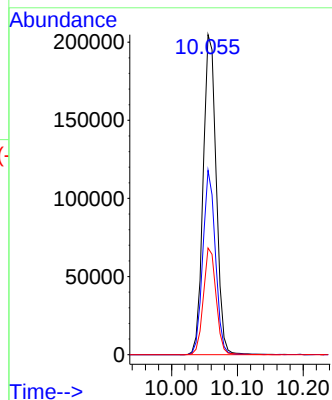
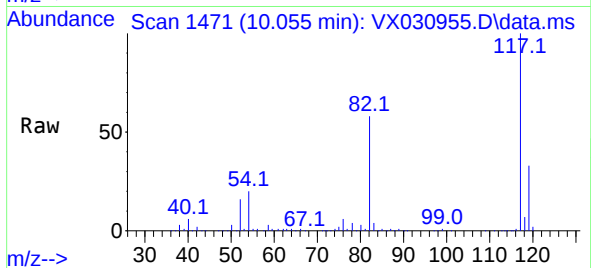




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX030955.D  
Acq: 30 Aug 2022 21:41

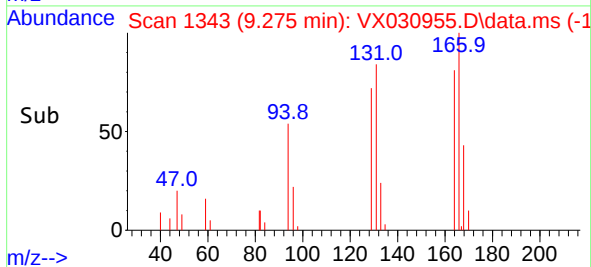
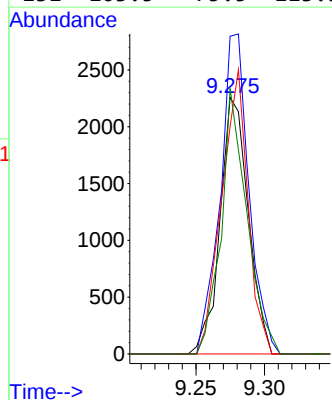
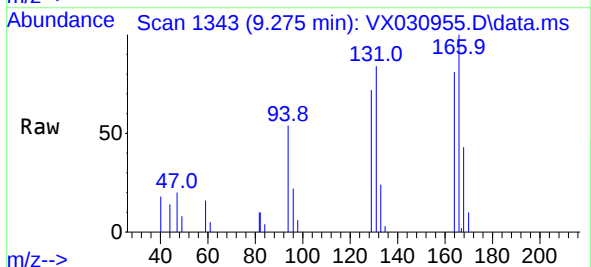
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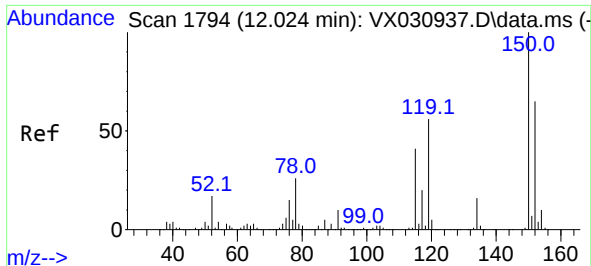
Tgt Ion:117 Resp: 283019  
Ion Ratio Lower Upper  
117 100  
82 57.6 42.7 64.1  
119 33.4 25.4 38.2



#64  
Tetrachloroethene  
Concen: 1.215 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX030955.D  
Acq: 30 Aug 2022 21:41

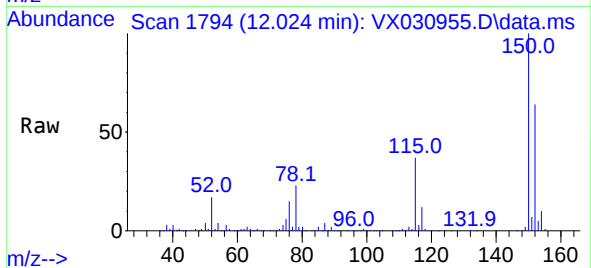
Tgt Ion:164 Resp: 3253  
Ion Ratio Lower Upper  
164 100  
166 123.9 98.2 147.4  
129 88.8 80.8 121.2  
131 103.5 75.5 113.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX030955.D  
 Acq: 30 Aug 2022 21:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE131D3-20220821DL



Tgt Ion:152 Resp: 117310

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 57.4  | 40.5  | 121.5 |
| 150 | 155.2 | 0.0   | 347.0 |

