

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032321\  
 Data File : VX021405.D  
 Acq On : 23 Mar 2021 23:57  
 Operator : JC/MD  
 Sample : M1735-09 20X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE132D7-20210315

Quant Time: Mar 24 03:33:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031621W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 16 14:00:21 2021  
 Response via : Initial Calibration

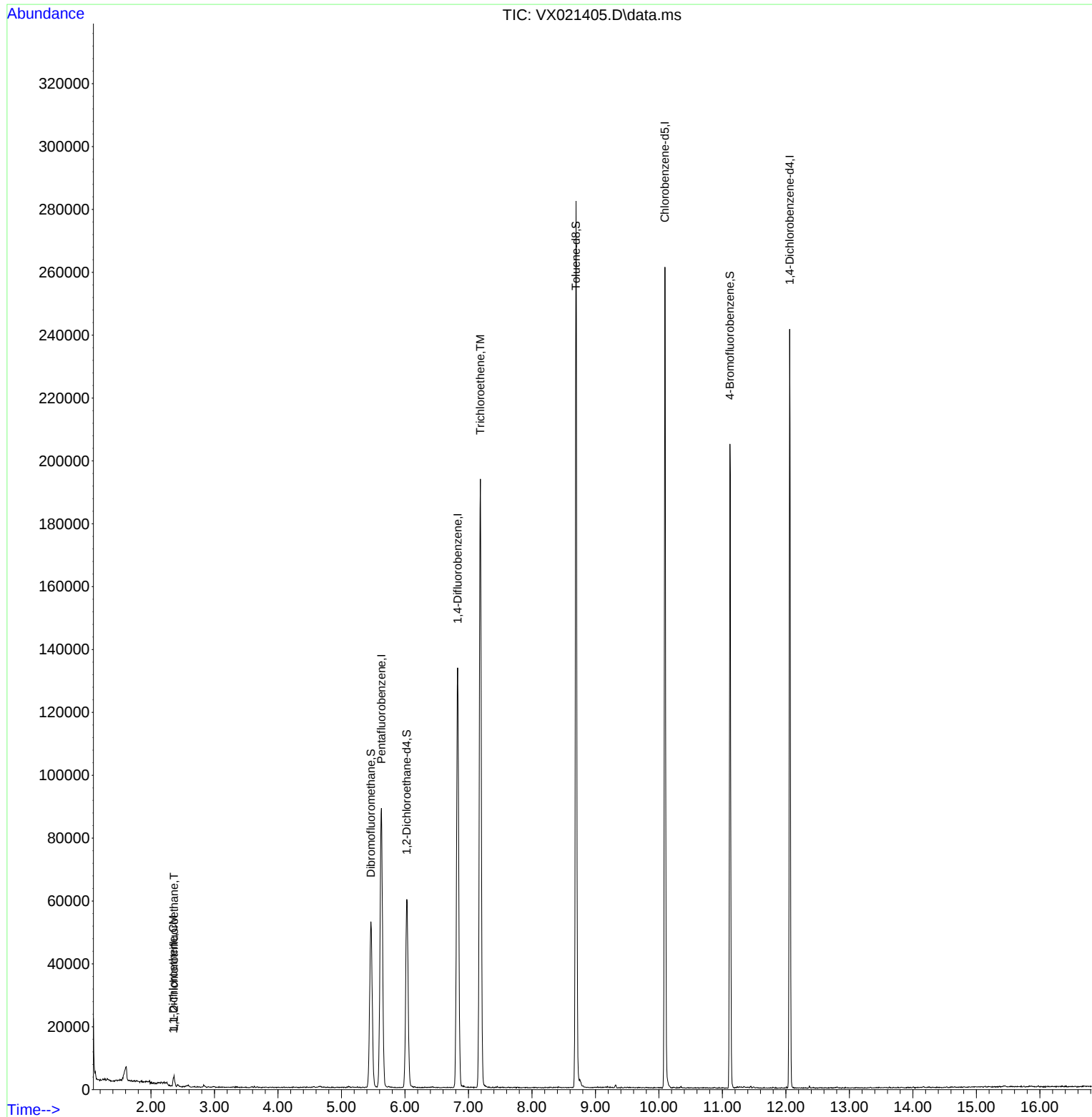
| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                        |        |       |          |          |        |           |
| Internal Standards           |        |       |          |          |        |           |
| 1) Pentafluorobenzene        | 5.629  | 168   | 77082    | 50.00    | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene      | 6.829  | 114   | 125047   | 50.00    | ug/l   | 0.00      |
| 63) Chlorobenzene-d5         | 10.094 | 117   | 109066   | 50.00    | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4   | 12.059 | 152   | 44016    | 50.00    | ug/l   | 0.00      |
|                              |        |       |          |          |        |           |
| System Monitoring Compounds  |        |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4    | 6.029  | 65    | 60564    | 47.90    | ug/l   | 0.00      |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 95.80%    |
| 35) Dibromofluoromethane     | 5.464  | 113   | 43463    | 51.08    | ug/l   | 0.00      |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 102.16%   |
| 50) Toluene-d8               | 8.694  | 98    | 152938   | 49.54    | ug/l   | 0.00      |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 99.08%    |
| 62) 4-Bromofluorobenzene     | 11.118 | 95    | 53807    | 44.88    | ug/l   | 0.00      |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 89.76%    |
|                              |        |       |          |          |        |           |
| Target Compounds             |        |       |          |          |        |           |
| 9) 1,1,2-Trichlorotrifluo... | 2.364  | 101   | 1081     | 1.34     | ug/l   | Qvalue 94 |
| 12) 1,1-Dichloroethene       | 2.352  | 96    | 312      | 0.40     | ug/l # | 80        |
| 44) Trichloroethene          | 7.188  | 130   | 68760    | 74.55    | ug/l   | 96        |
| -----                        |        |       |          |          |        |           |

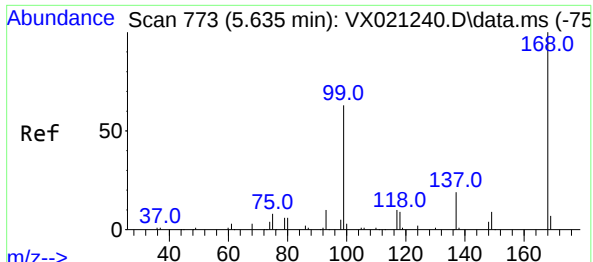
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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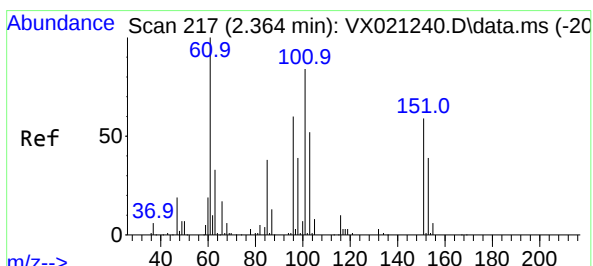
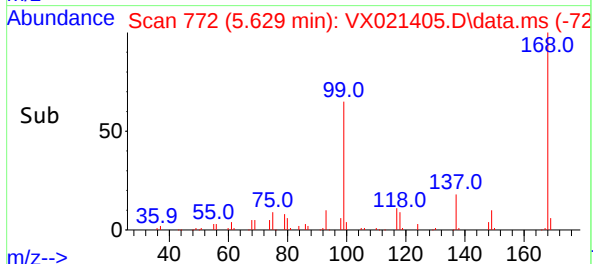
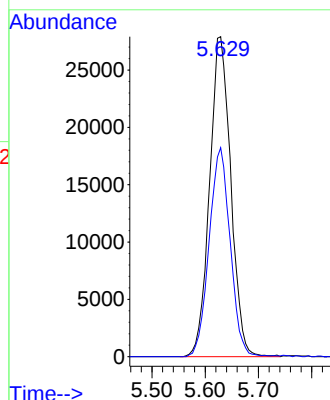
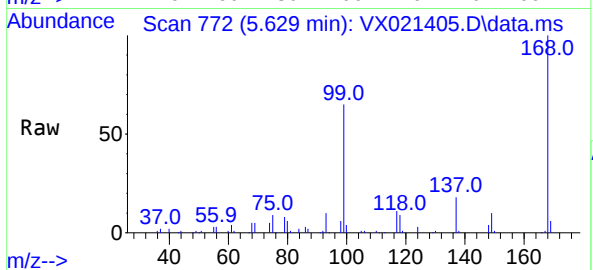




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 772  
Delta R.T. -0.006 min  
Lab File: VX021405.D  
Acq: 23 Mar 2021 23:57

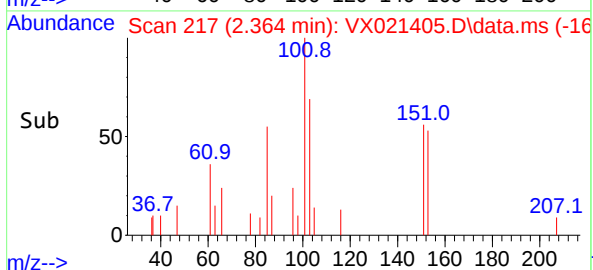
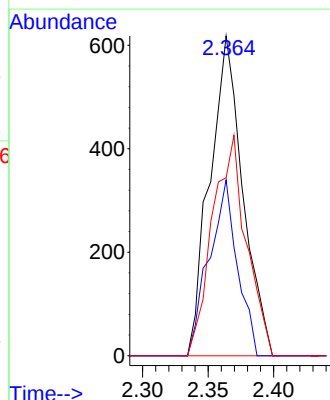
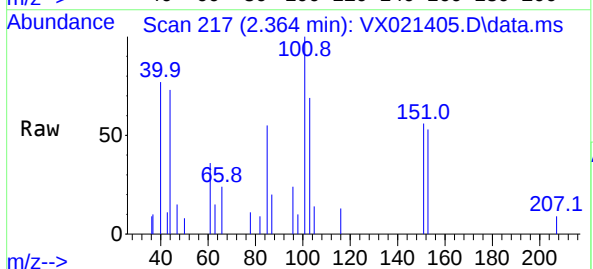
Instrument :  
MSVOA\_X  
ClientSampleId :  
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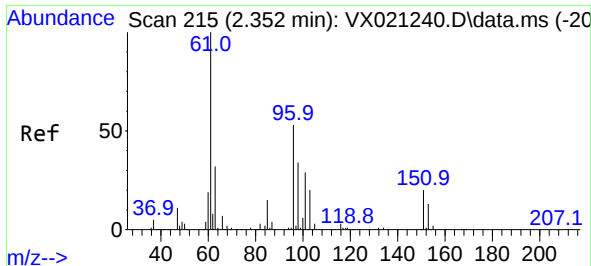
Tgt Ion:168 Resp: 77082  
Ion Ratio Lower Upper  
168 100  
99 65.3 45.8 68.6



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.34 ug/l  
RT: 2.364 min Scan# 217  
Delta R.T. -0.000 min  
Lab File: VX021405.D  
Acq: 23 Mar 2021 23:57

Tgt Ion:101 Resp: 1081  
Ion Ratio Lower Upper  
101 100  
85 46.9 34.9 52.3  
151 70.7 61.4 92.2

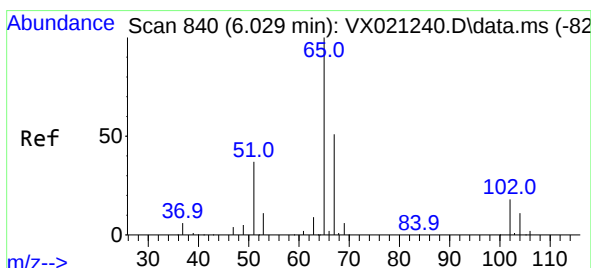
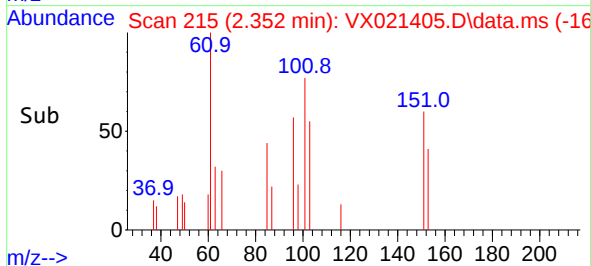
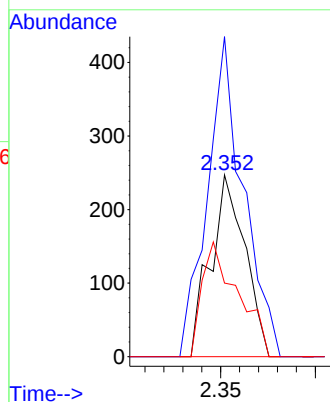
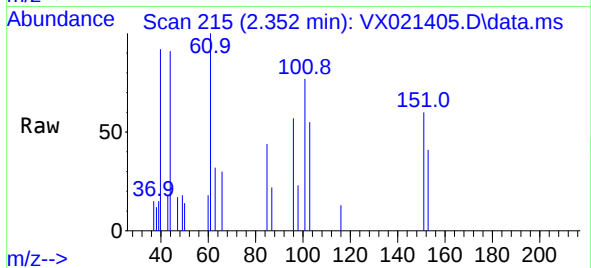




#12  
1,1-Dichloroethene  
Concen: 0.40 ug/l  
RT: 2.352 min Scan# 215  
Delta R.T. -0.000 min  
Lab File: VX021405.D  
Acq: 23 Mar 2021 23:57

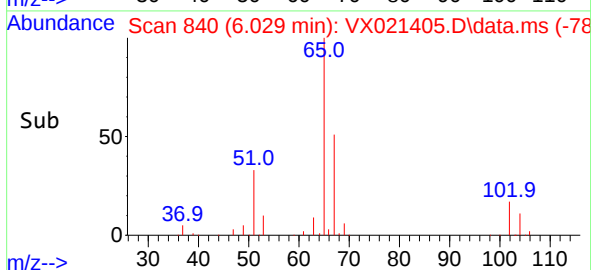
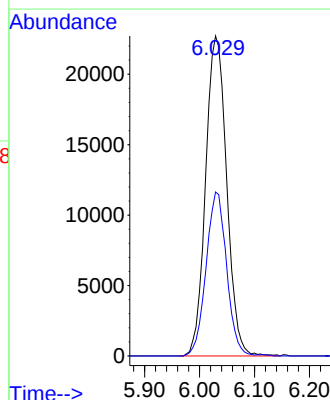
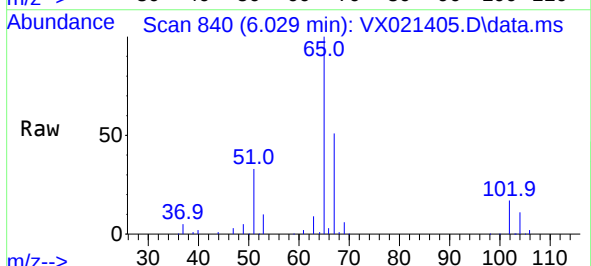
Instrument :  
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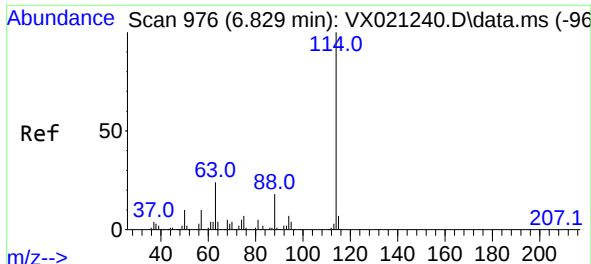
Tgt Ion: 96 Resp: 312  
Ion Ratio Lower Upper  
96 100  
61 176.1 124.6 187.0  
98 40.5 50.6 76.0#



#33  
1,2-Dichloroethane-d4  
Concen: 47.90 ug/l  
RT: 6.029 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: VX021405.D  
Acq: 23 Mar 2021 23:57

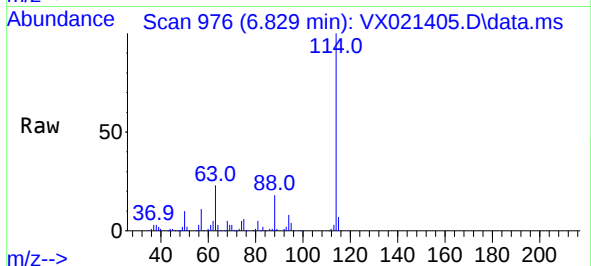
Tgt Ion: 65 Resp: 60564  
Ion Ratio Lower Upper  
65 100  
67 50.0 0.0 105.4



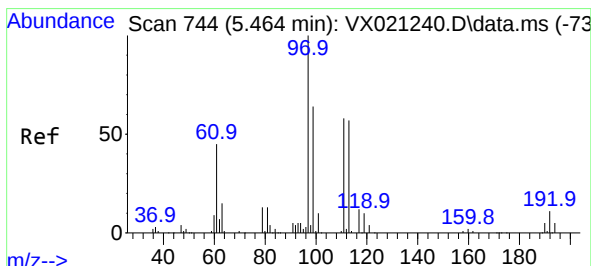
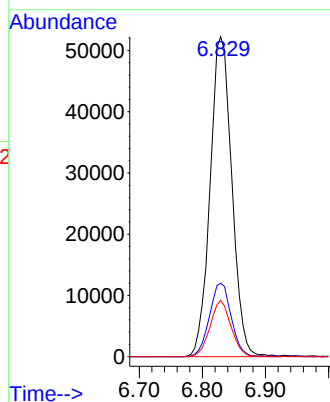
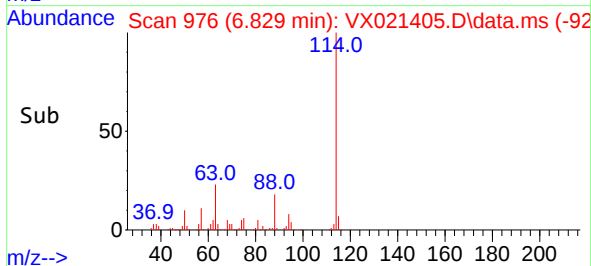


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.829 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: VX021405.D  
Acq: 23 Mar 2021 23:57

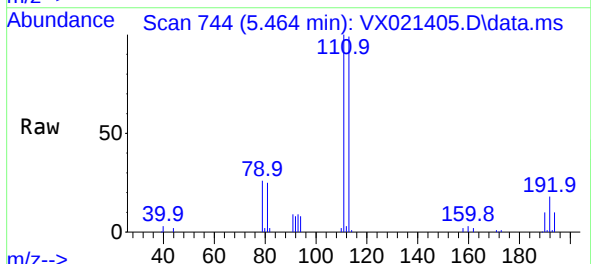
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D7-20210315



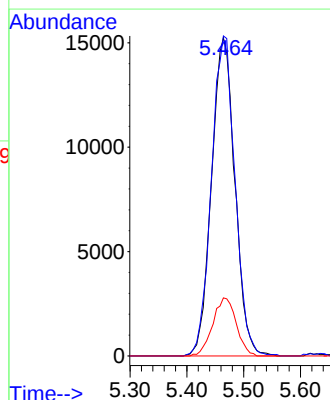
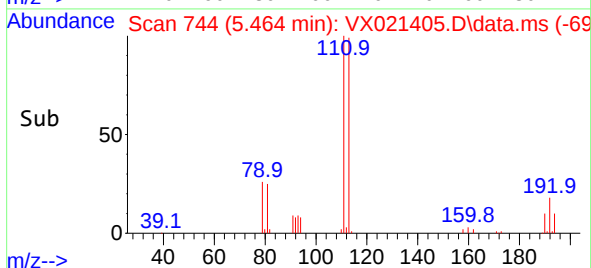
Tgt Ion:114 Resp: 125047  
Ion Ratio Lower Upper  
114 100  
63 23.0 0.0 40.8  
88 17.6 0.0 32.8

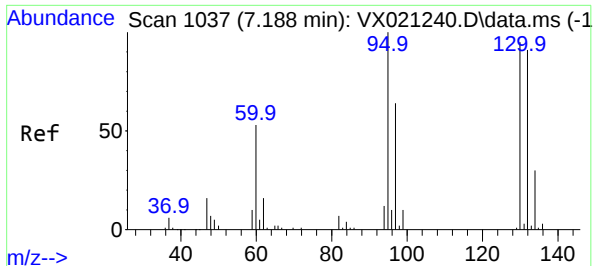


#35  
Dibromofluoromethane  
Concen: 51.08 ug/l  
RT: 5.464 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: VX021405.D  
Acq: 23 Mar 2021 23:57



Tgt Ion:113 Resp: 43463  
Ion Ratio Lower Upper  
113 100  
111 101.6 81.9 122.9  
192 18.4 16.7 25.1

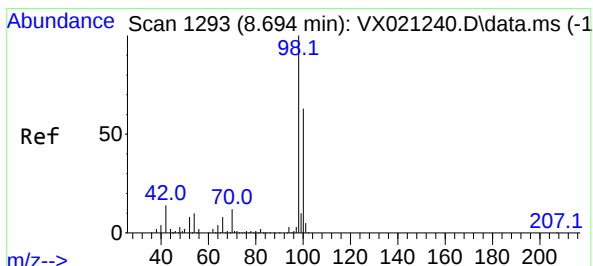
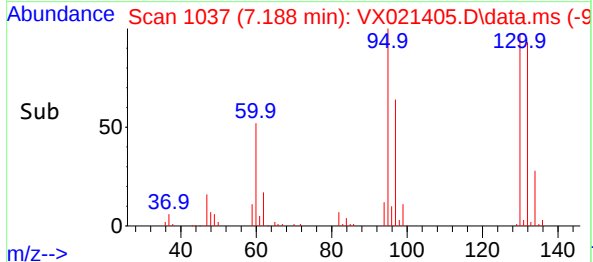
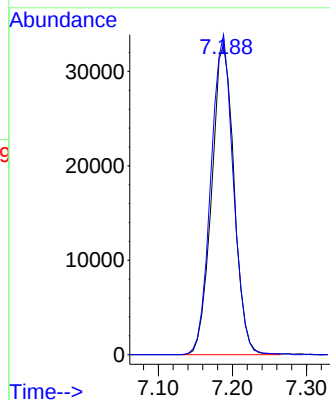
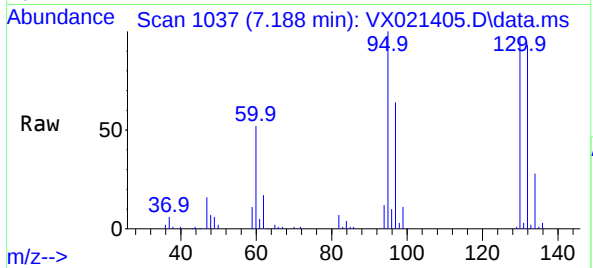




#44  
Trichloroethene  
Concen: 74.55 ug/l  
RT: 7.188 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: VX021405.D  
Acq: 23 Mar 2021 23:57

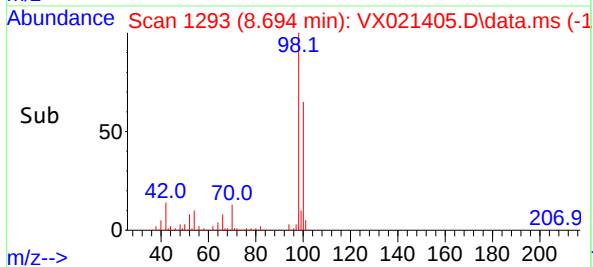
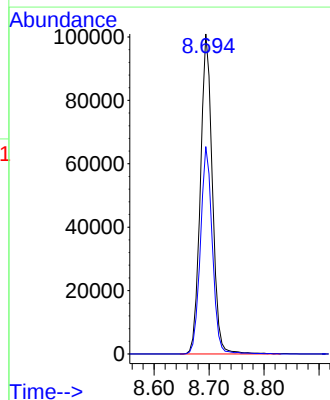
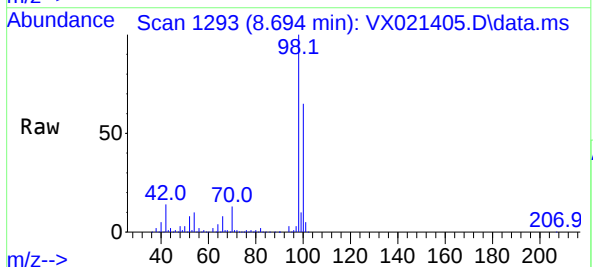
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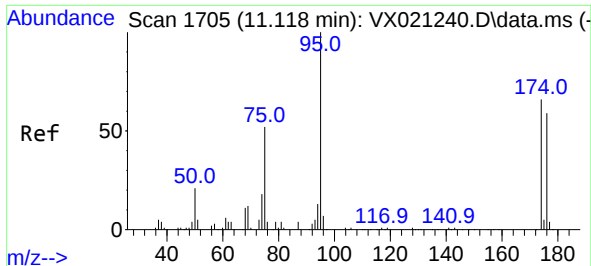
Tgt Ion:130 Resp: 68760  
Ion Ratio Lower Upper  
130 100  
95 103.2 0.0 198.0



#50  
Toluene-d8  
Concen: 49.54 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: VX021405.D  
Acq: 23 Mar 2021 23:57

Tgt Ion: 98 Resp: 152938  
Ion Ratio Lower Upper  
98 100  
100 64.6 51.9 77.9

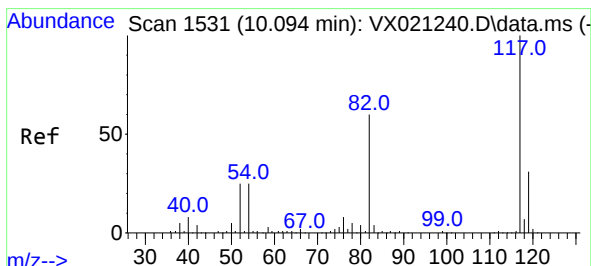
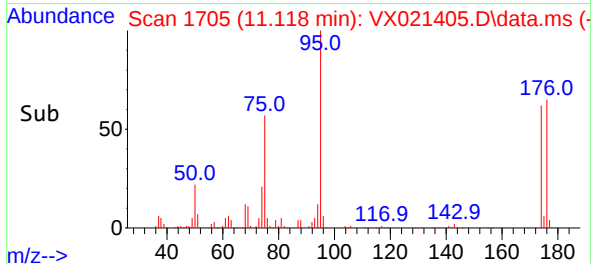
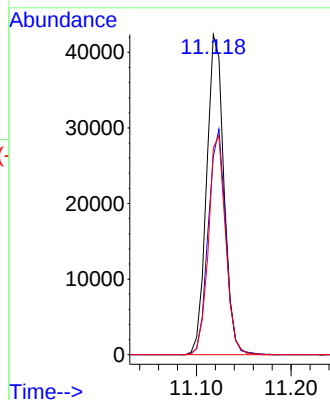
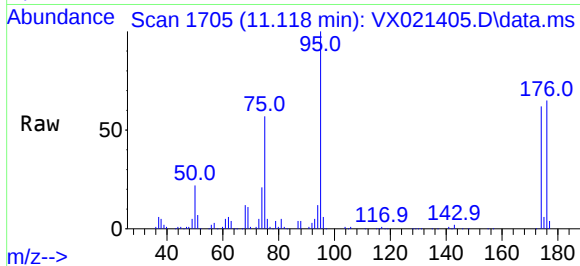




#62  
4-Bromofluorobenzene  
Concen: 44.88 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VX021405.D  
Acq: 23 Mar 2021 23:57

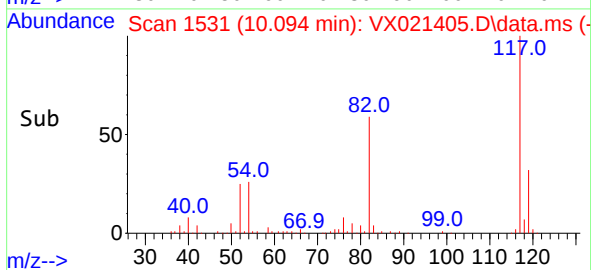
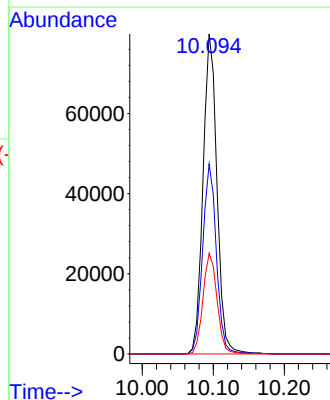
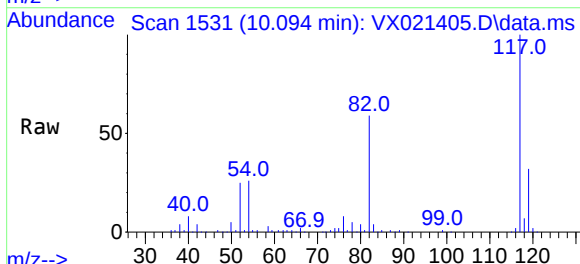
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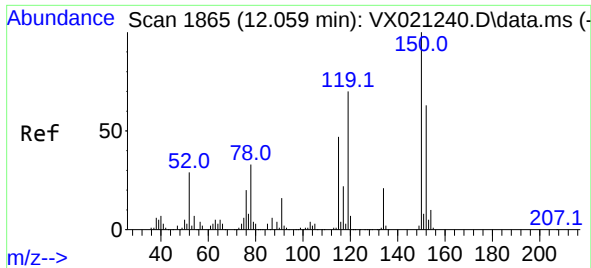
Tgt Ion: 95 Resp: 53807  
Ion Ratio Lower Upper  
95 100  
174 70.7 0.0 154.6  
176 67.5 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VX021405.D  
Acq: 23 Mar 2021 23:57

Tgt Ion: 117 Resp: 109066  
Ion Ratio Lower Upper  
117 100  
82 59.4 47.4 71.2  
119 31.5 26.6 39.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.059 min Scan# 1865  
 Delta R.T. 0.000 min  
 Lab File: VX021405.D  
 Acq: 23 Mar 2021 23:57

Instrument :  
 MSVOA\_X  
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Tgt Ion:152 Resp: 44016  
 Ion Ratio Lower Upper  
 152 100  
 115 65.4 41.1 123.3  
 150 160.9 0.0 349.0

