

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080123\  
 Data File : VX036749.D  
 Acq On : 01 Aug 2023 15:26  
 Operator : JC/MD  
 Sample : 03856-03 200X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LEA-8I

Quant Time: Aug 02 06:25:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

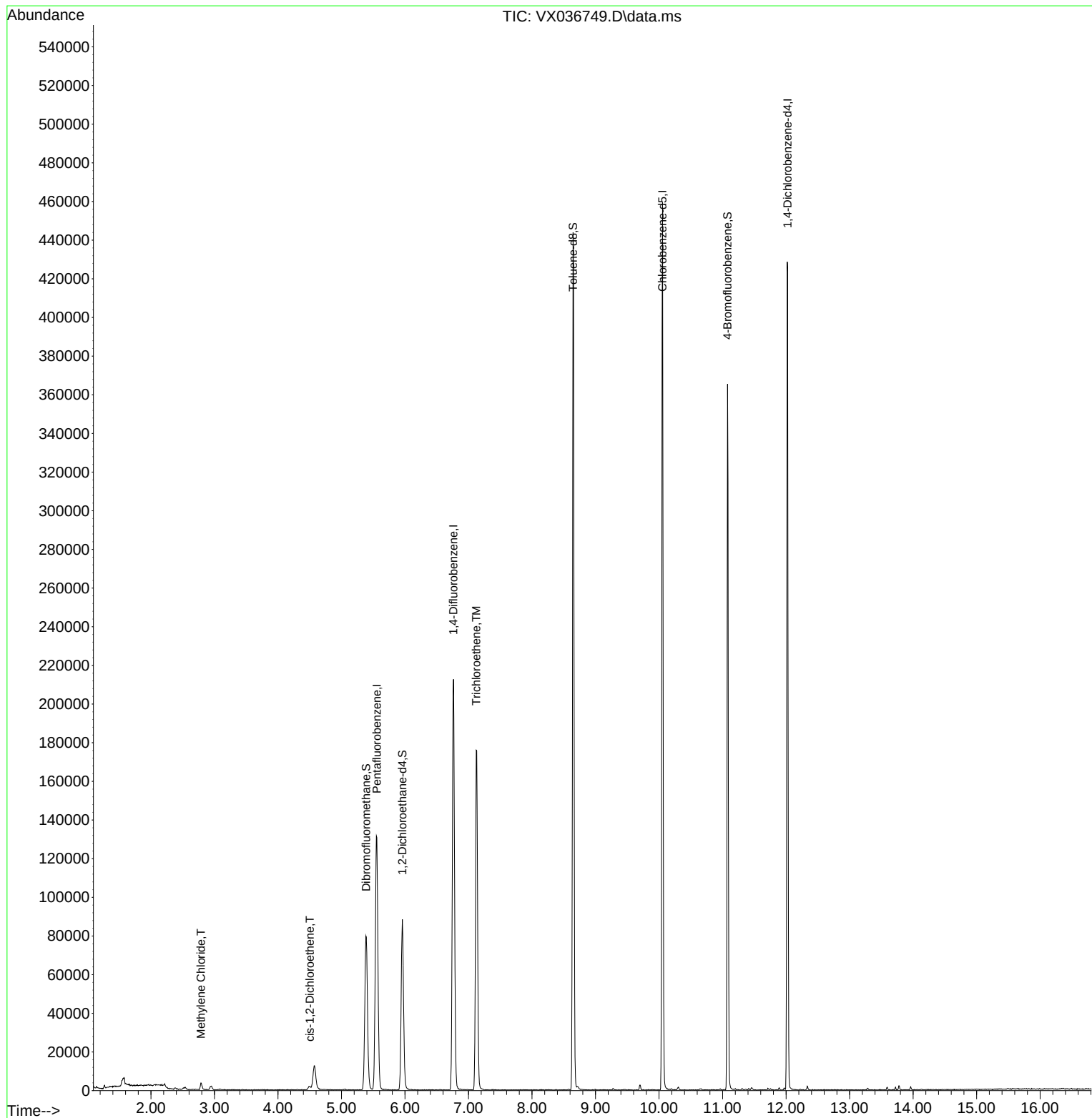
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 123880   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 222396   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 203684   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 91515    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 82332    | 44.917   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 89.840%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 71219    | 46.590   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 93.180%  |
| 50) Toluene-d8              | 8.647  | 98    | 266017   | 49.073   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 98.140%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 98625    | 48.223   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 96.440%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 20) Methylene Chloride      | 2.788  | 84    | 1748     | 1.033    | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene  | 4.501  | 96    | 1513     | 0.822    | ug/l   | 79       |
| 44) Trichloroethene         | 7.123  | 130   | 69229    | 39.954   | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

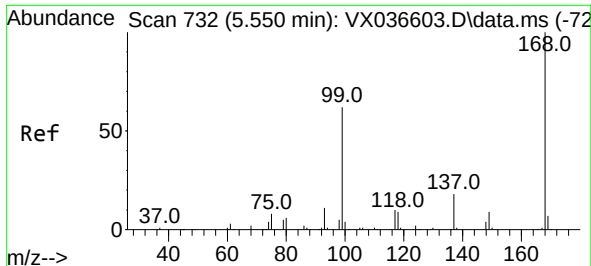
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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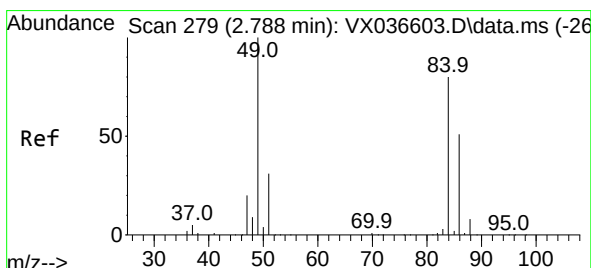
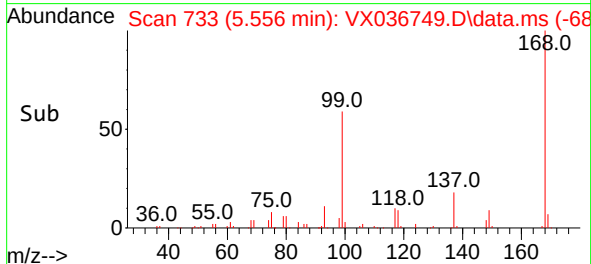
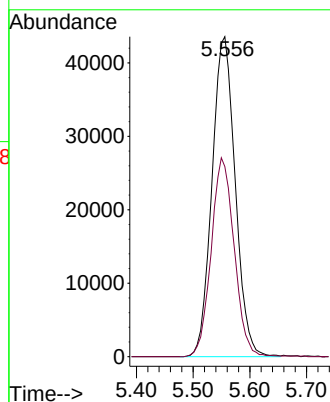
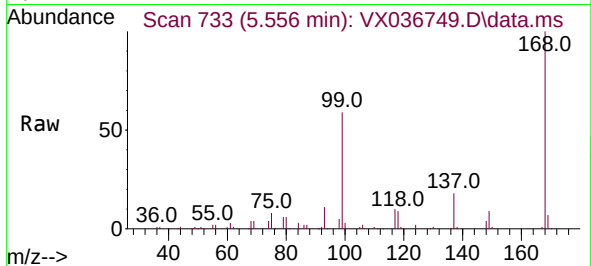




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX036749.D  
Acq: 01 Aug 2023 15:26

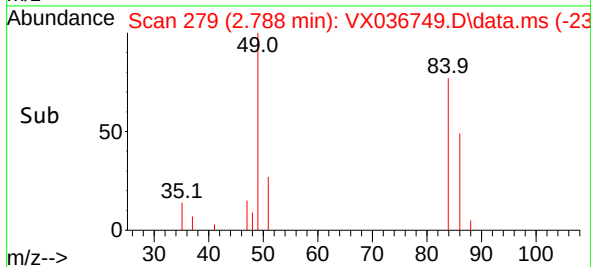
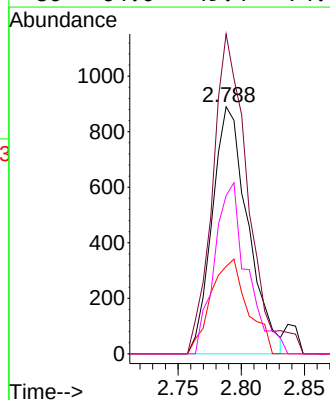
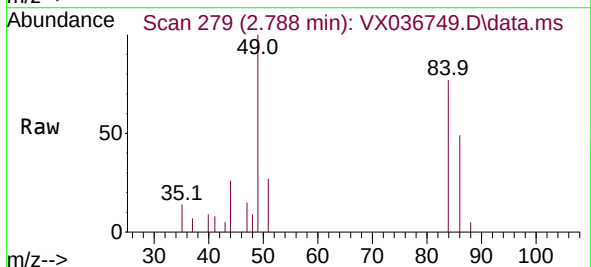
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MSVOA\_X  
ClientSampleId :  
LEA-8I

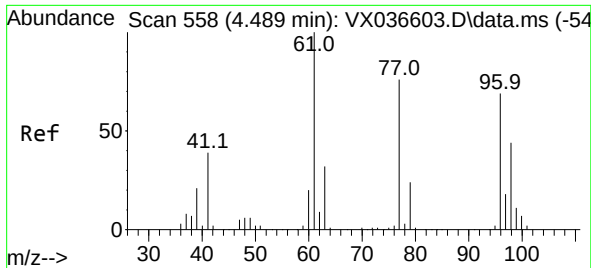
Tgt Ion:168 Resp: 123880  
Ion Ratio Lower Upper  
168 100  
99 59.4 56.6 85.0



#20  
Methylene Chloride  
Concen: 1.033 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX036749.D  
Acq: 01 Aug 2023 15:26

Tgt Ion: 84 Resp: 1748  
Ion Ratio Lower Upper  
84 100  
49 129.4 103.6 155.4  
51 35.4 33.8 50.6  
86 64.0 49.4 74.0

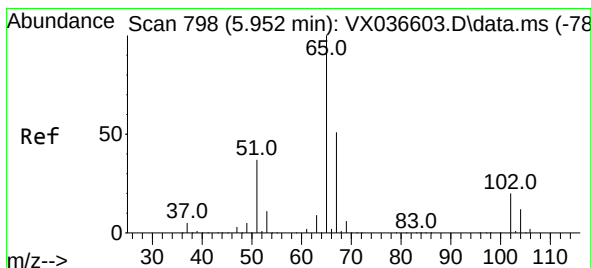
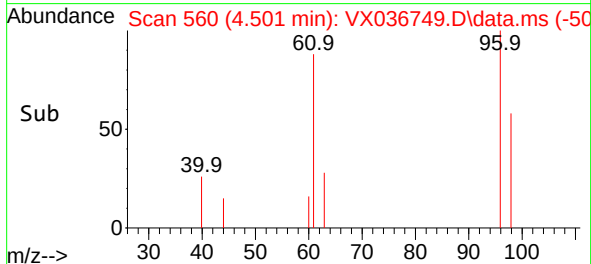
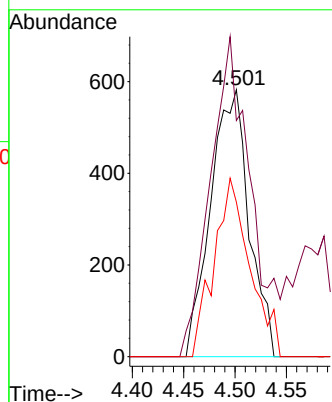
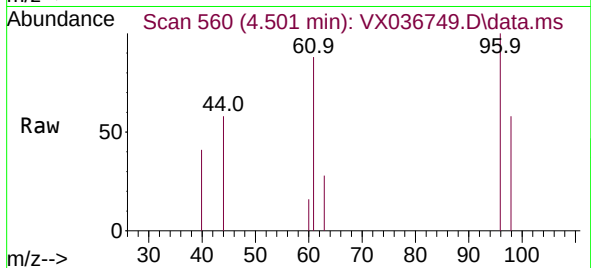




#27  
 cis-1,2-Dichloroethene  
 Concen: 0.822 ug/l  
 RT: 4.501 min Scan# 51  
 Delta R.T. 0.012 min  
 Lab File: VX036749.D  
 Acq: 01 Aug 2023 15:26

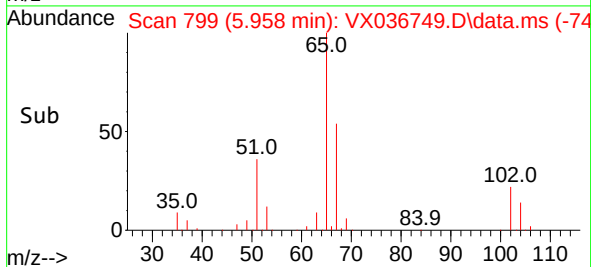
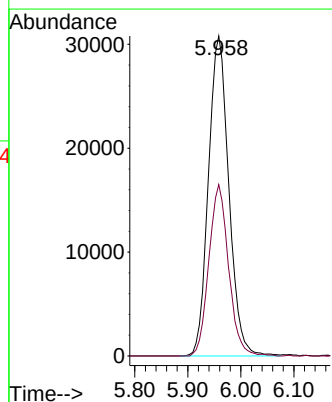
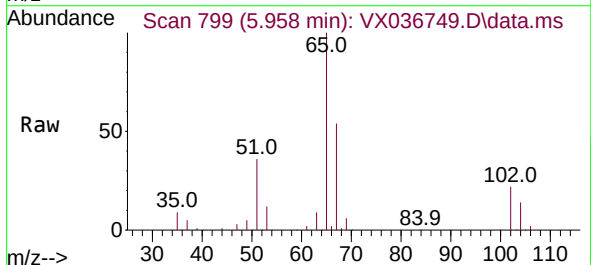
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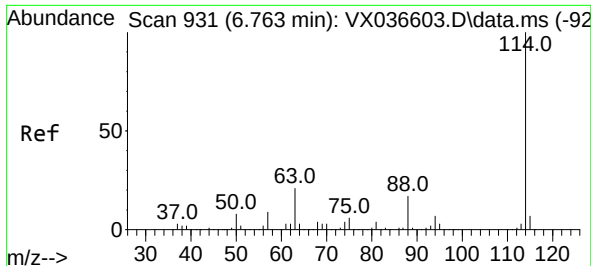
Tgt Ion: 96 Resp: 1513  
 Ion Ratio Lower Upper  
 96 100  
 61 119.4 0.0 312.2  
 98 62.7 0.0 129.0



#33  
 1,2-Dichloroethane-d4  
 Concen: 44.917 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.006 min  
 Lab File: VX036749.D  
 Acq: 01 Aug 2023 15:26

Tgt Ion: 65 Resp: 82332  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 100.2

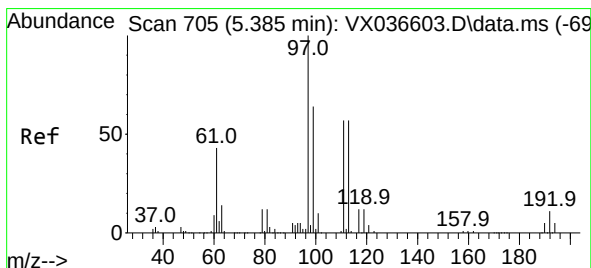
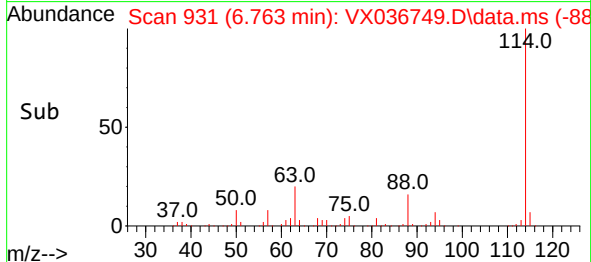
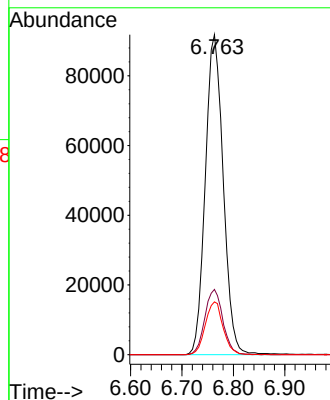
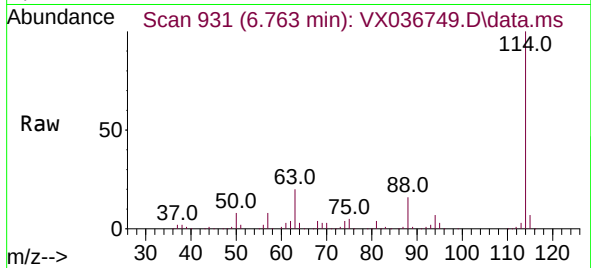




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX036749.D  
Acq: 01 Aug 2023 15:26

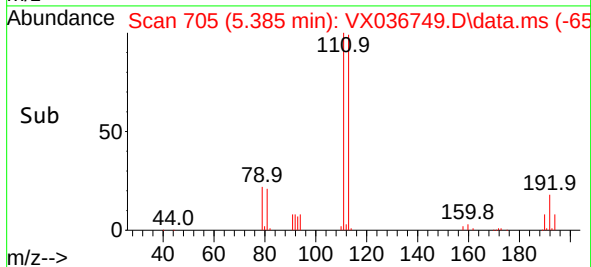
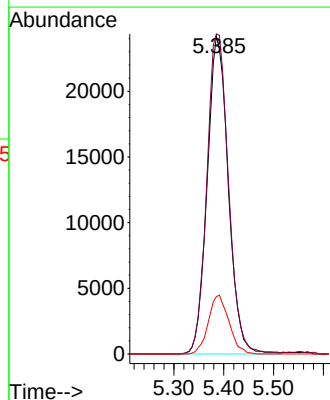
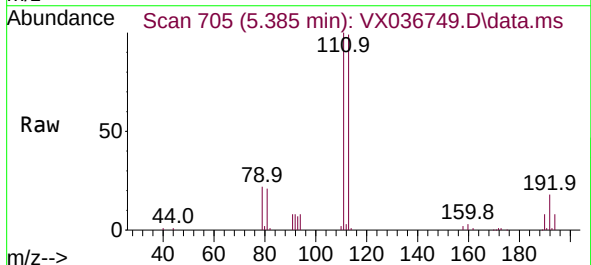
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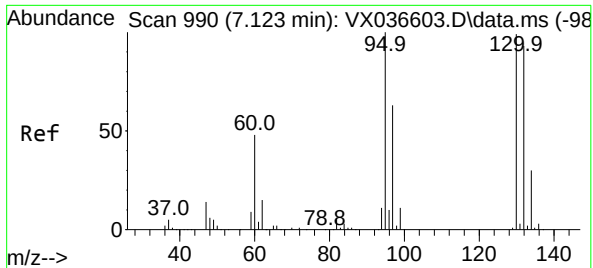
Tgt Ion:114 Resp: 222396  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 45.0  
88 16.5 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.590 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036749.D  
Acq: 01 Aug 2023 15:26

Tgt Ion:113 Resp: 71219  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.9 124.3  
192 18.0 13.3 19.9

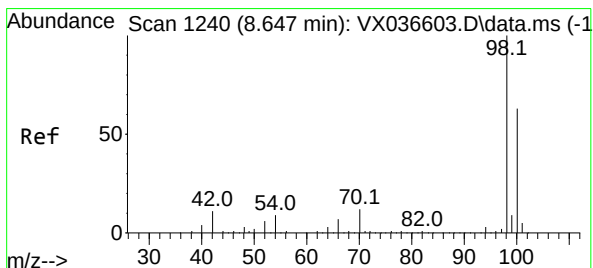
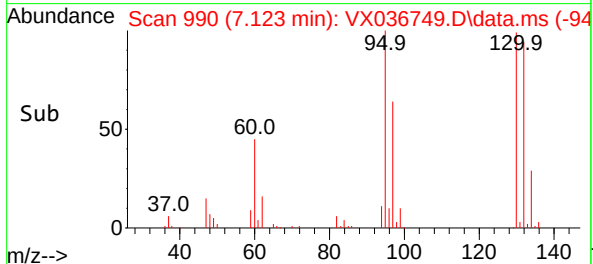
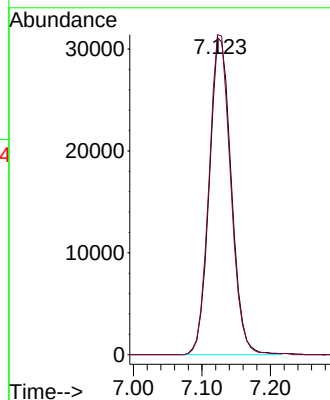
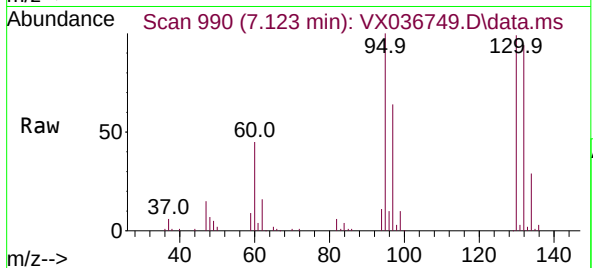




#44  
 Trichloroethene  
 Concen: 39.954 ug/l  
 RT: 7.123 min Scan# 990  
 Delta R.T. 0.000 min  
 Lab File: VX036749.D  
 Acq: 01 Aug 2023 15:26

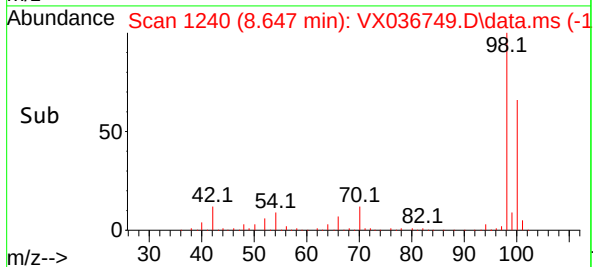
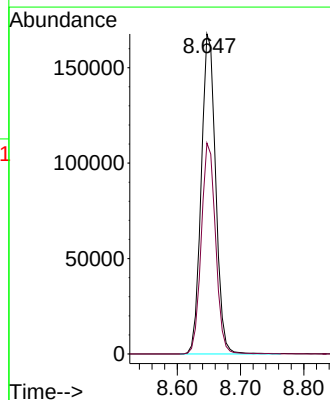
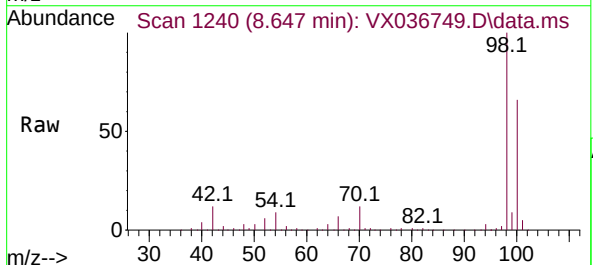
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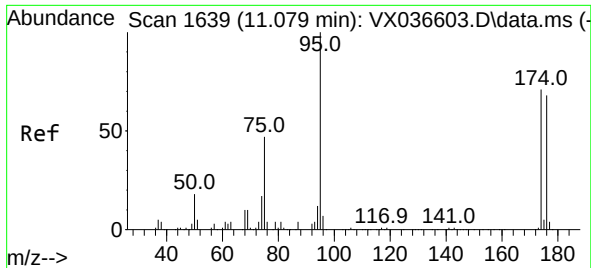
Tgt Ion:130 Resp: 69229  
 Ion Ratio Lower Upper  
 130 100  
 95 100.9 0.0 204.4



#50  
 Toluene-d8  
 Concen: 49.073 ug/l  
 RT: 8.647 min Scan# 1240  
 Delta R.T. 0.000 min  
 Lab File: VX036749.D  
 Acq: 01 Aug 2023 15:26

Tgt Ion: 98 Resp: 266017  
 Ion Ratio Lower Upper  
 98 100  
 100 65.6 53.1 79.7

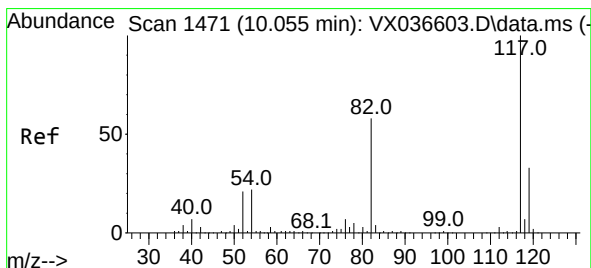
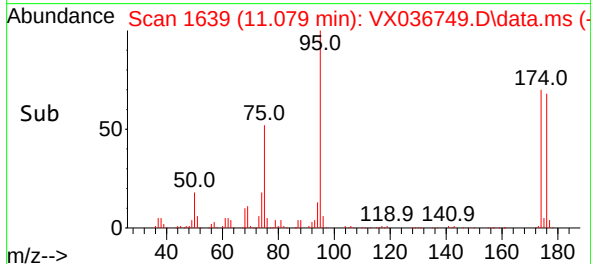
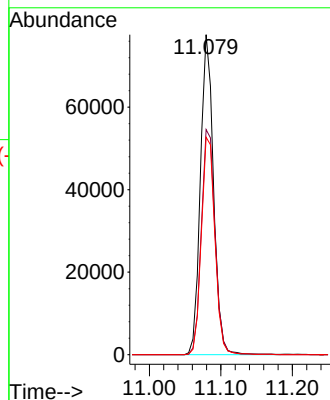
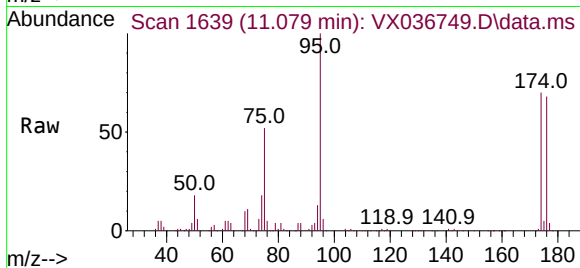




#62  
4-Bromofluorobenzene  
Concen: 48.223 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX036749.D  
Acq: 01 Aug 2023 15:26

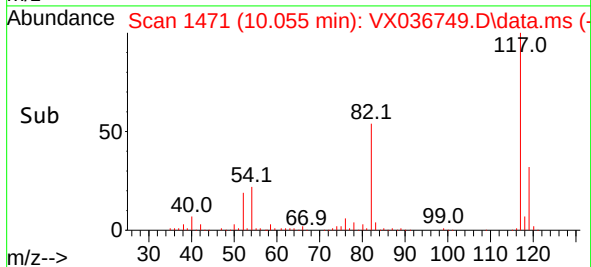
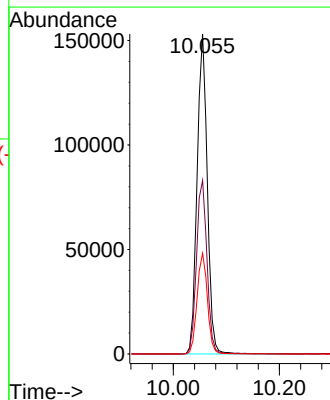
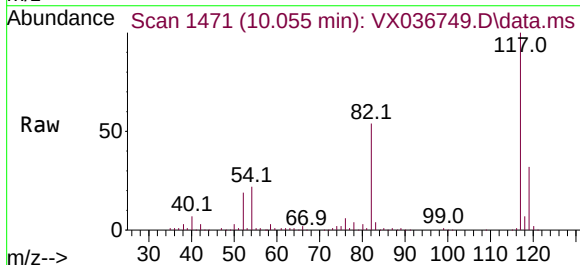
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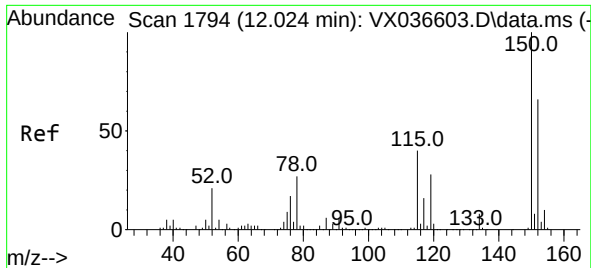
Tgt Ion: 95 Resp: 98625  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 135.6  
176 70.5 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX036749.D  
Acq: 01 Aug 2023 15:26

Tgt Ion: 117 Resp: 203684  
Ion Ratio Lower Upper  
117 100  
82 54.2 46.2 69.4  
119 31.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036749.D

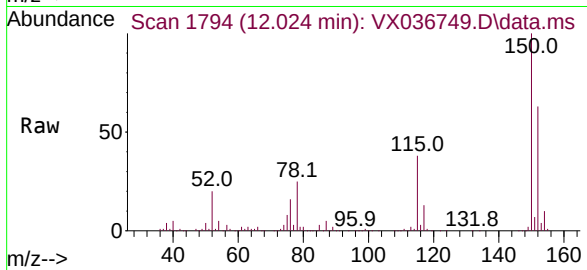
Acq: 01 Aug 2023 15:26

Instrument :

MSVOA\_X

ClientSampleId :

LEA-8I



Tgt Ion:152 Resp: 91515

Ion Ratio Lower Upper

152 100

115 61.4 43.3 129.9

150 155.7 0.0 345.0

