

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101923\  
 Data File : VX038388.D  
 Acq On : 19 Oct 2023 16:33  
 Operator : JC/MD  
 Sample : 04979-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GAS-CONDENSATE

Quant Time: Oct 20 03:42:25 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 05 15:27:13 2023  
 Response via : Initial Calibration

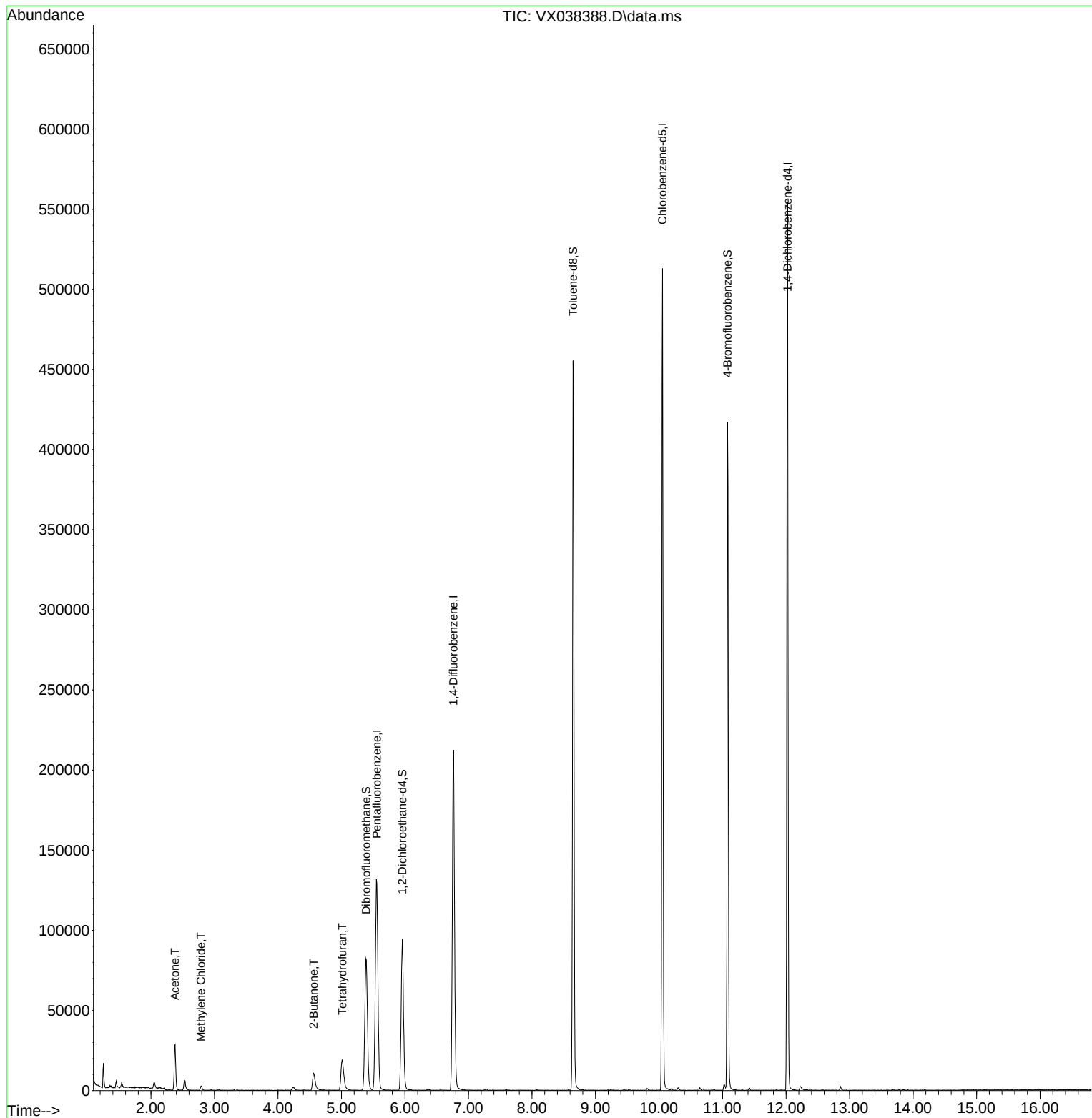
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 123463   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 220222   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 225386   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 115263   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 86458    | 43.538   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 87.080%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 71381    | 44.983   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 89.960%  |
| 50) Toluene-d8              | 8.647  | 98    | 273268   | 45.066   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 90.140%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 104833   | 45.603   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 91.200%  |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.380  | 43    | 30171    | 36.404   | ug/l  | 92       |
| 20) Methylene Chloride      | 2.788  | 84    | 1269     | 0.814    | ug/l  | # 86     |
| 25) 2-Butanone              | 4.562  | 43    | 19801    | 14.808   | ug/l  | # 83     |
| 29) Tetrahydrofuran         | 5.013  | 42    | 17356    | 19.935   | ug/l  | 91       |
| -----                       |        |       |          |          |       |          |

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

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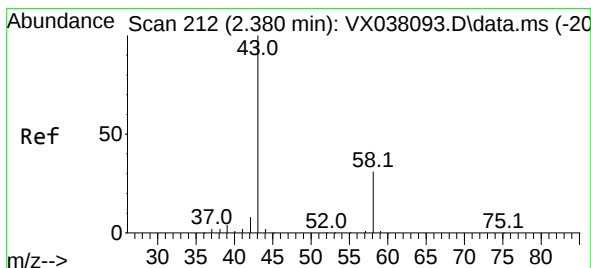
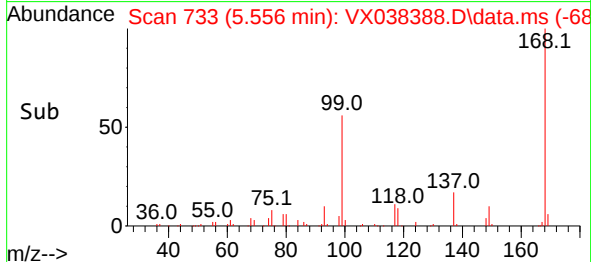
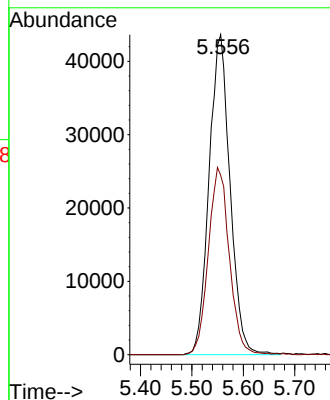
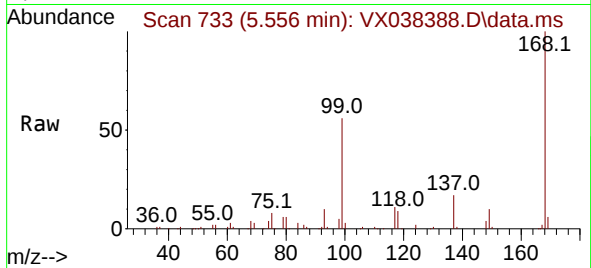




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX038388.D  
Acq: 19 Oct 2023 16:33

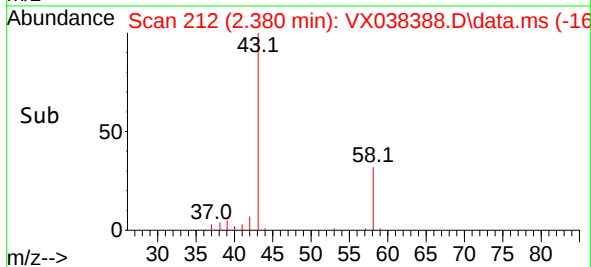
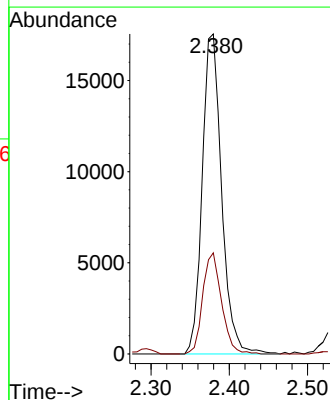
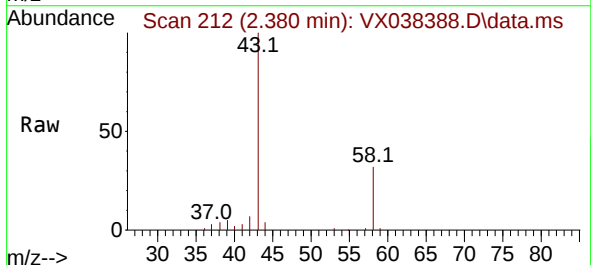
Instrument :  
MSVOA\_X  
ClientSampleId :  
GAS-CONDENSATE

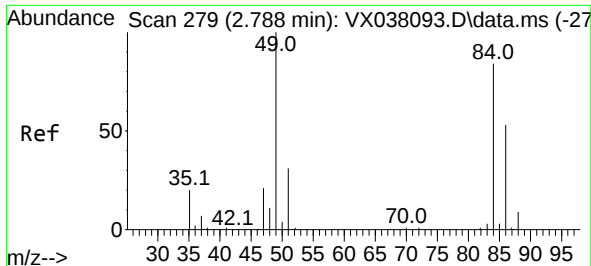
Tgt Ion:168 Resp: 123463  
Ion Ratio Lower Upper  
168 100  
99 56.1 56.6 85.0#



#16  
Acetone  
Concen: 36.404 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX038388.D  
Acq: 19 Oct 2023 16:33

Tgt Ion: 43 Resp: 30171  
Ion Ratio Lower Upper  
43 100  
58 31.6 21.9 32.9





#20

Methylene Chloride

Concen: 0.814 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038388.D

Acq: 19 Oct 2023 16:33

Instrument :

MSVOA\_X

ClientSampleId :

GAS-CONDENSATE

Tgt Ion: 84 Resp: 1269

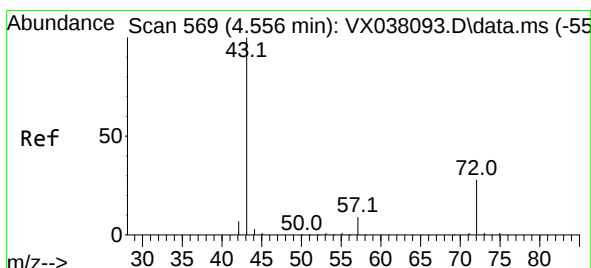
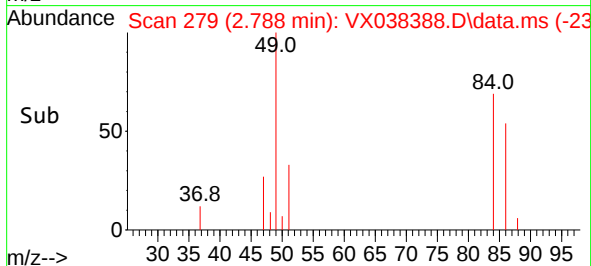
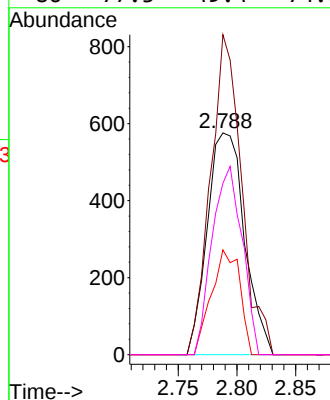
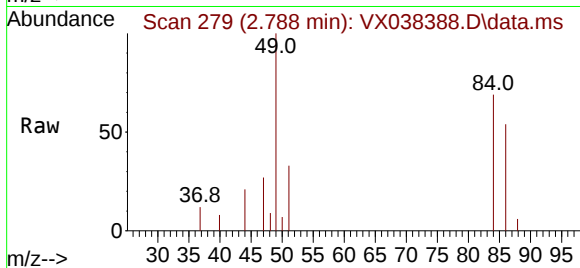
Ion Ratio Lower Upper

84 100

49 144.3 103.6 155.4

51 47.2 33.8 50.6

86 77.3 49.4 74.0#



#25

2-Butanone

Concen: 14.808 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX038388.D

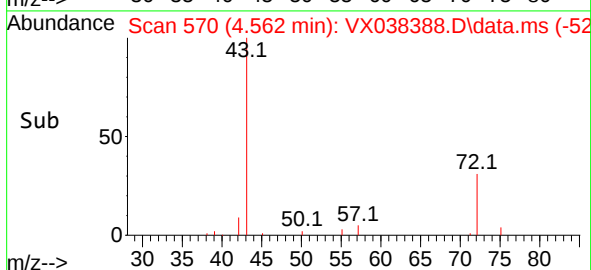
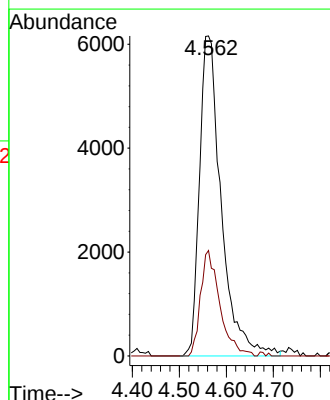
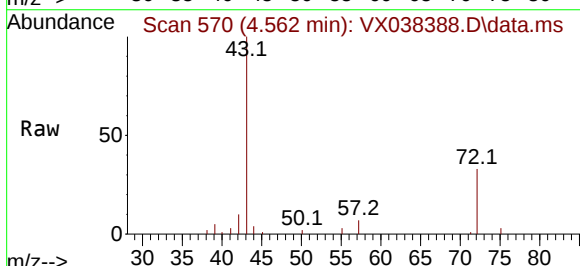
Acq: 19 Oct 2023 16:33

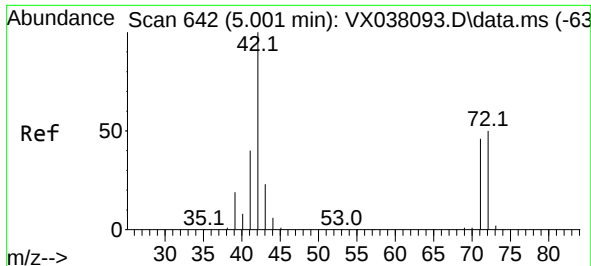
Tgt Ion: 43 Resp: 19801

Ion Ratio Lower Upper

43 100

72 32.9 19.4 29.2#





#29

Tetrahydrofuran

Concen: 19.935 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.012 min

Lab File: VX038388.D

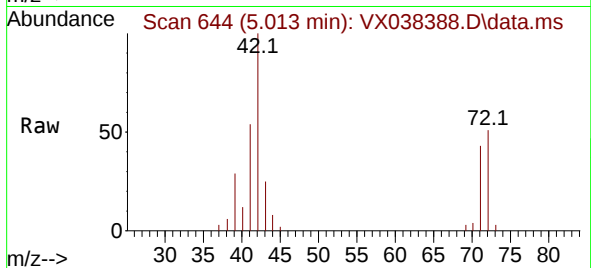
Acq: 19 Oct 2023 16:33

Instrument :

MSVOA\_X

ClientSampleId :

GAS-CONDENSATE



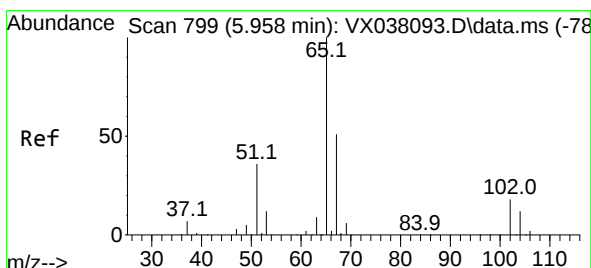
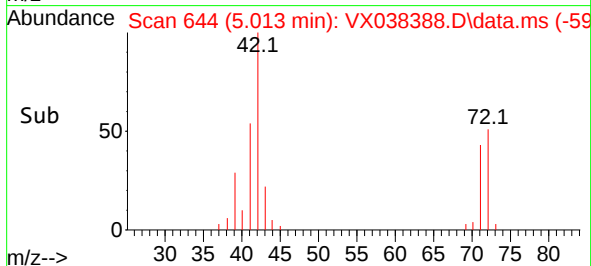
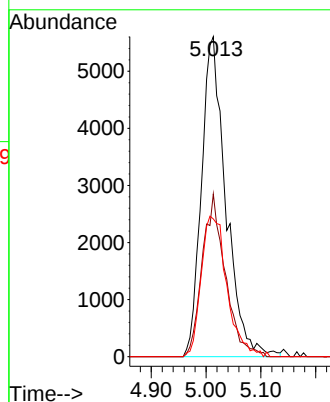
Tgt Ion: 42 Resp: 17356

Ion Ratio Lower Upper

42 100

72 48.0 34.2 51.4

71 46.4 32.2 48.2



#33

1,2-Dichloroethane-d4

Concen: 43.538 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038388.D

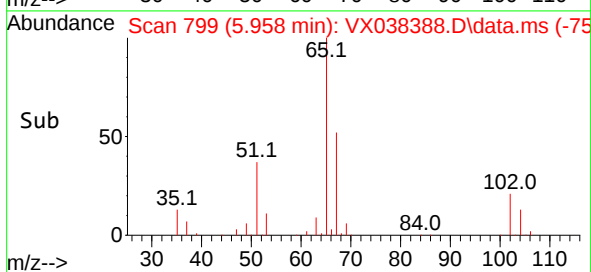
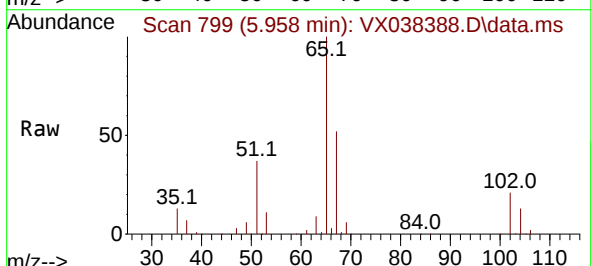
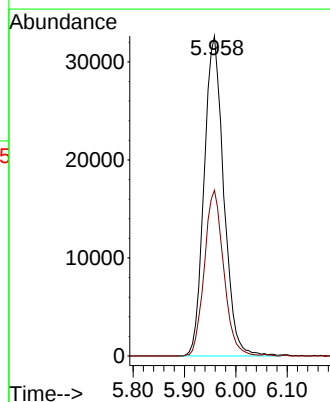
Acq: 19 Oct 2023 16:33

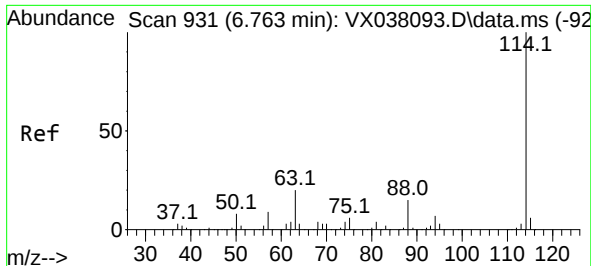
Tgt Ion: 65 Resp: 86458

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2

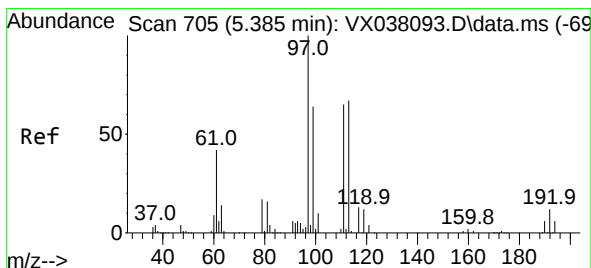
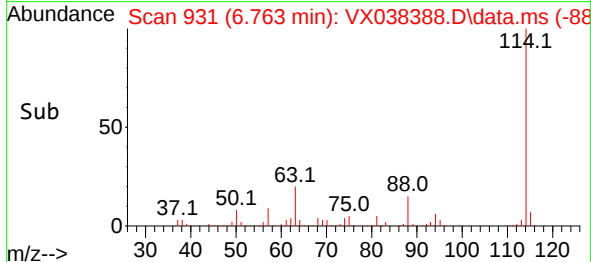
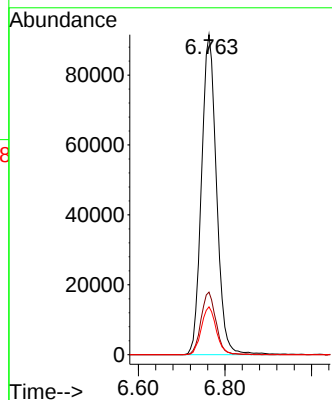
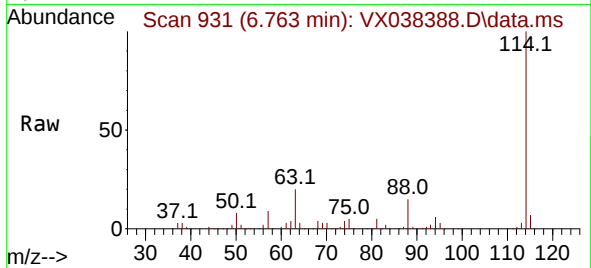




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX038388.D  
Acq: 19 Oct 2023 16:33

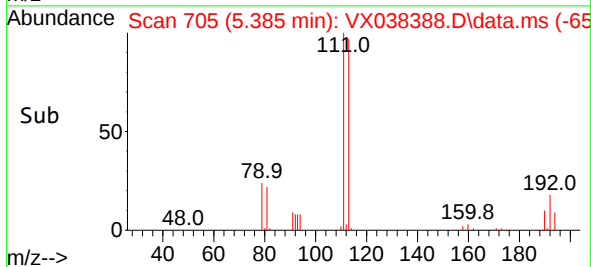
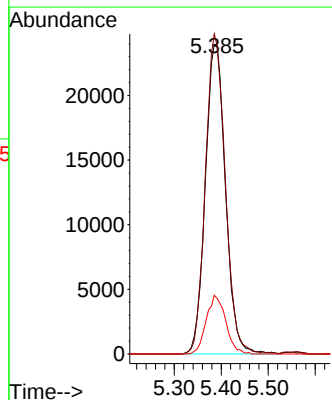
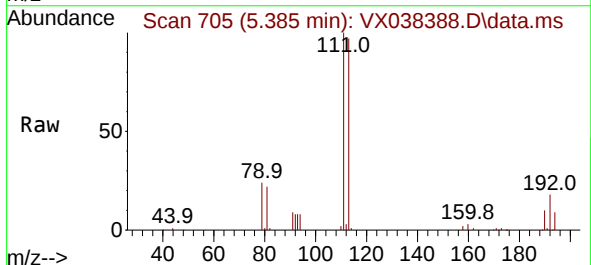
Instrument :  
MSVOA\_X  
ClientSampleId :  
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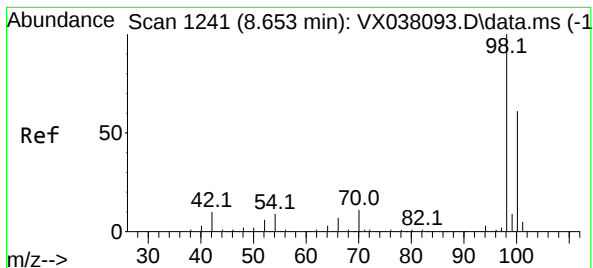
Tgt Ion:114 Resp: 220222  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 45.0  
88 15.0 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 44.983 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038388.D  
Acq: 19 Oct 2023 16:33

Tgt Ion:113 Resp: 71381  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.9 124.3  
192 18.2 13.3 19.9





#50

Toluene-d8

Concen: 45.066 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038388.D

Acq: 19 Oct 2023 16:33

Instrument :

MSVOA\_X

ClientSampleId :

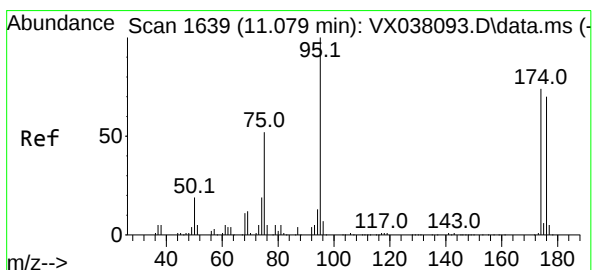
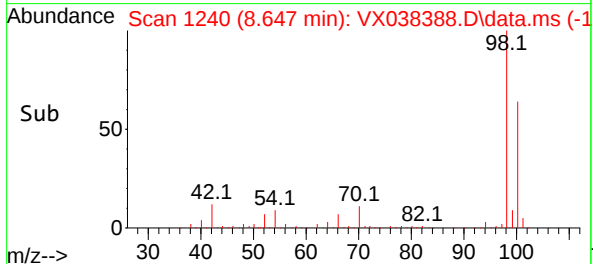
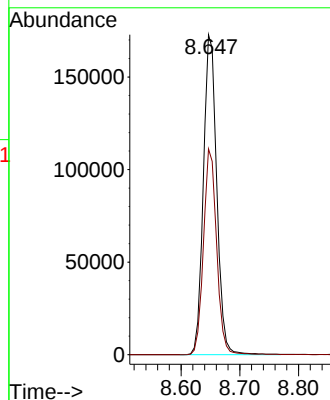
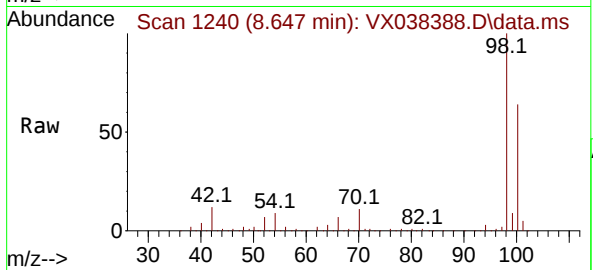
GAS-CONDENSATE

Tgt Ion: 98 Resp: 273268

Ion Ratio Lower Upper

98 100

100 63.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.603 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038388.D

Acq: 19 Oct 2023 16:33

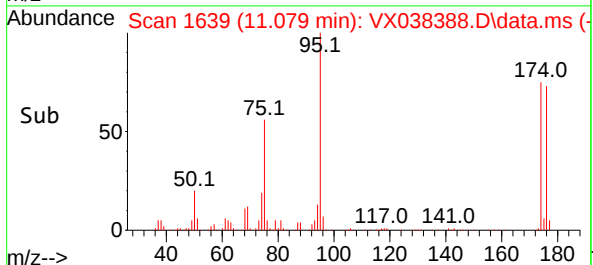
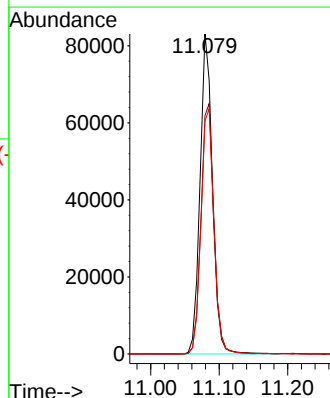
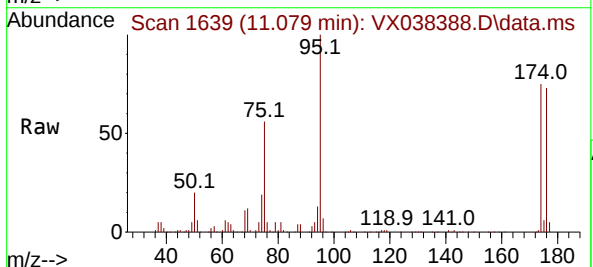
Tgt Ion: 95 Resp: 104833

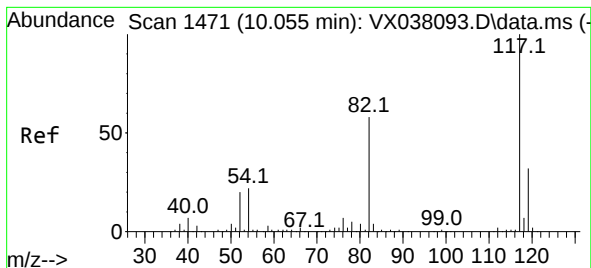
Ion Ratio Lower Upper

95 100

174 82.0 0.0 135.6

176 79.4 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: VX038388.D

Acq: 19 Oct 2023 16:33

Instrument :

MSVOA\_X

ClientSampleId :

GAS-CONDENSATE

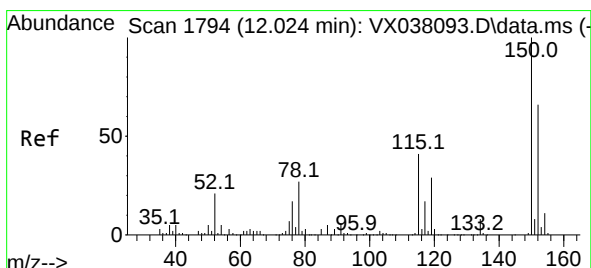
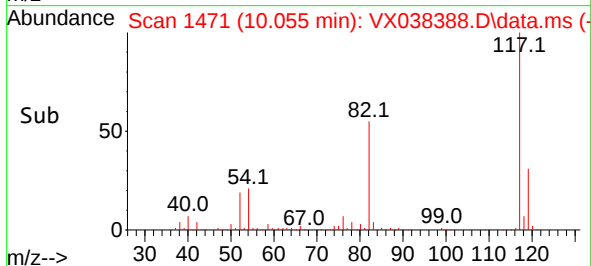
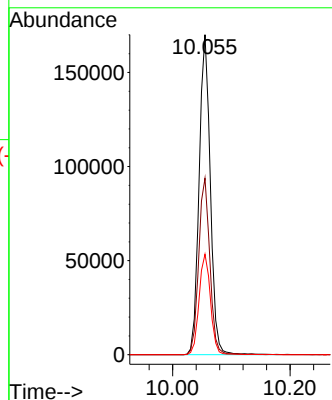
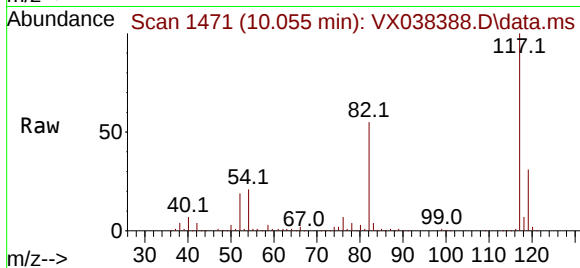
Tgt Ion:117 Resp: 225386

Ion Ratio Lower Upper

117 100

82 55.2 46.2 69.4

119 31.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038388.D

Acq: 19 Oct 2023 16:33

Tgt Ion:152 Resp: 115263

Ion Ratio Lower Upper

152 100

115 60.2 43.3 129.9

150 158.1 0.0 345.0

