

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070523\  
 Data File : VX036416.D  
 Acq On : 05 Jul 2023 20:04  
 Operator : JC/MD  
 Sample : 03492-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-TP2

Quant Time: Jul 06 04:57:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062323W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 23 15:03:28 2023  
 Response via : Initial Calibration

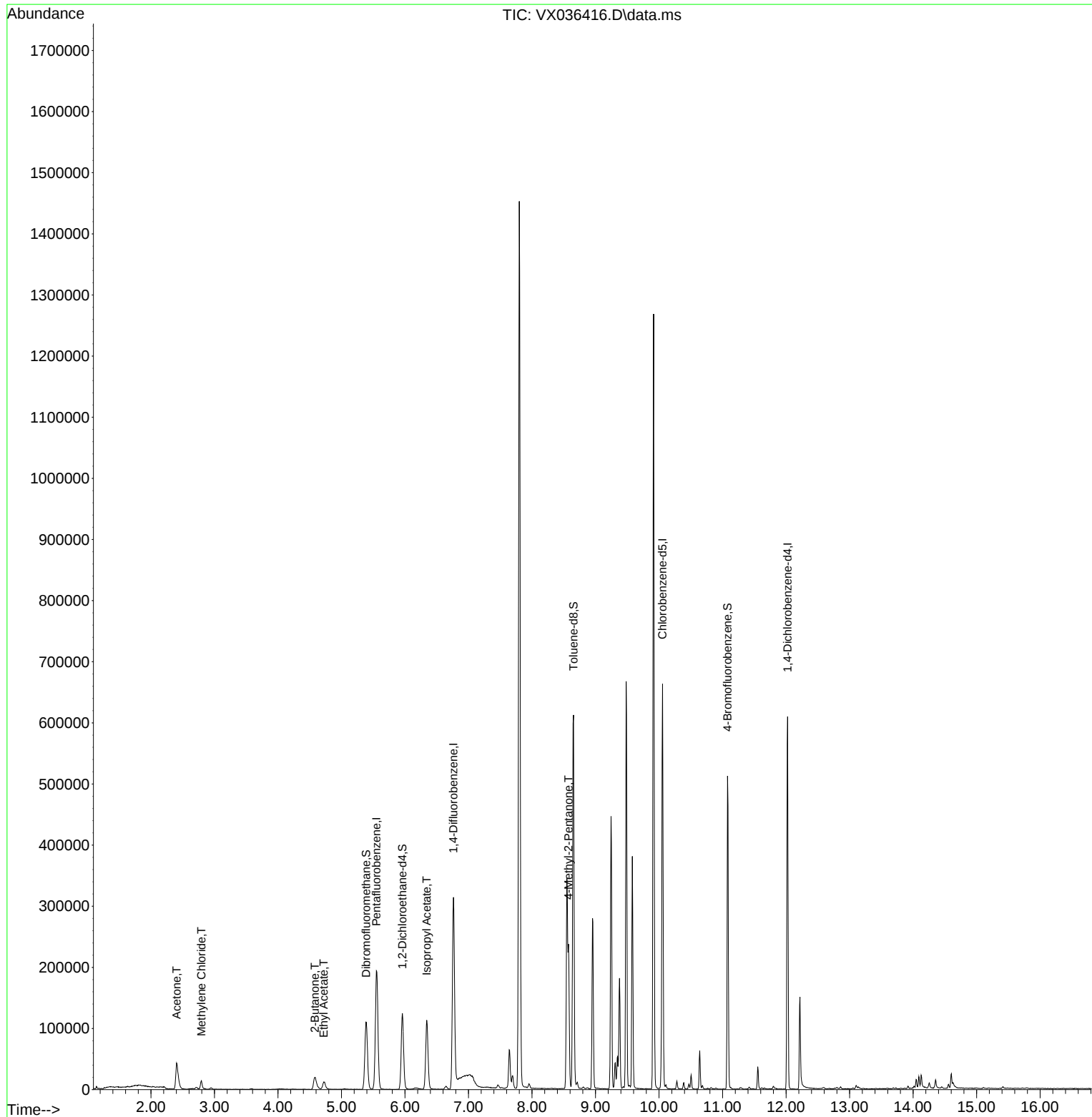
| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 5.549          | 168  | 183966     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 311663     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 282989     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 126722     | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 119370     | 45.267  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 90.540% |        |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 96535      | 46.975  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 93.960% |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 371830     | 48.444  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 96.880% |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 133086     | 49.226  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 98.460% |        |          |
| Target Compounds            |                |      |            |         |        |          |
|                             |                |      |            |         | Qvalue |          |
| 16) Acetone                 | 2.404          | 43   | 76685      | 68.035  | ug/l   | 99       |
| 20) Methylene Chloride      | 2.794          | 84   | 6683       | 2.754   | ug/l   | 86       |
| 25) 2-Butanone              | 4.580          | 43   | 39469      | 24.372  | ug/l   | 98       |
| 37) Ethyl Acetate           | 4.720          | 43   | 23020      | 7.373   | ug/l   | 97       |
| 43) Isopropyl Acetate       | 6.342          | 43   | 156304     | 31.382  | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone    | 8.573          | 43   | 234444     | 73.062  | ug/l # | 76       |
| -----                       |                |      |            |         |        |          |

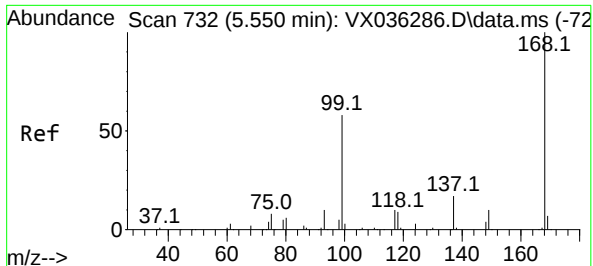
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070523\  
Data File : VX036416.D  
Acq On : 05 Jul 2023 20:04  
Operator : JC/MD  
Sample : 03492-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-TP2

Quant Time: Jul 06 04:57:35 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062323W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 23 15:03:28 2023  
Response via : Initial Calibration

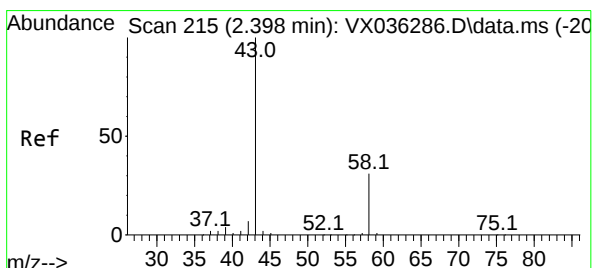
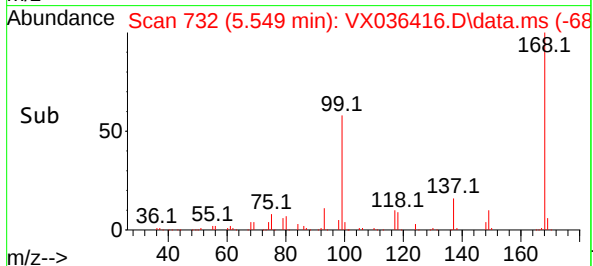
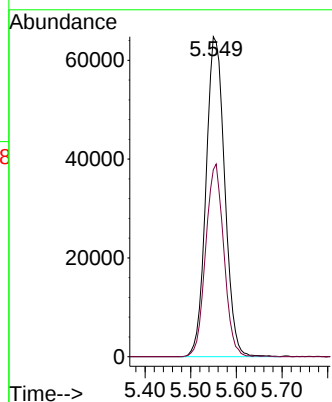
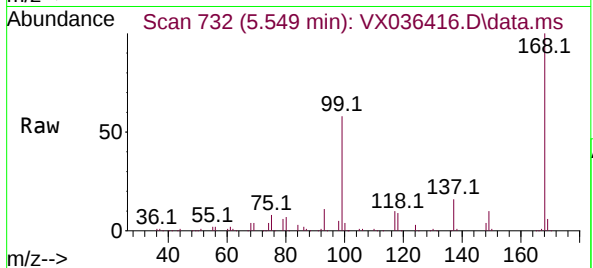




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.549 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VX036416.D  
Acq: 05 Jul 2023 20:04

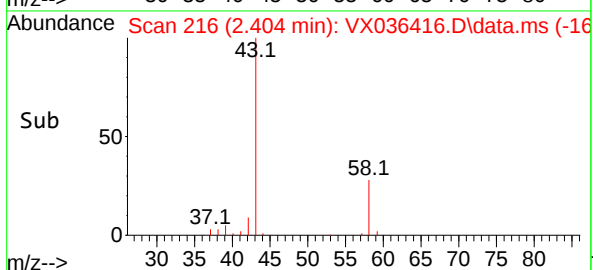
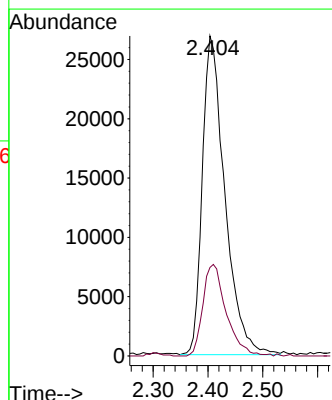
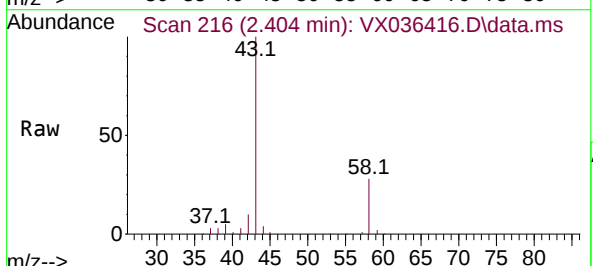
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-TP2

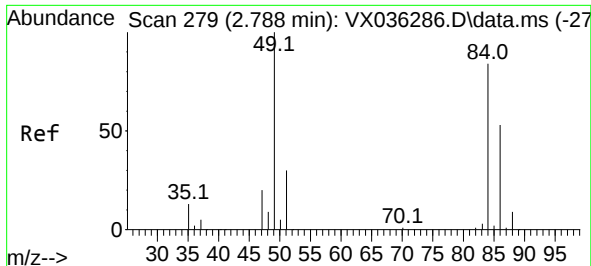
Tgt Ion:168 Resp: 183966  
Ion Ratio Lower Upper  
168 100  
99 58.4 56.6 85.0



#16  
Acetone  
Concen: 68.035 ug/l  
RT: 2.404 min Scan# 216  
Delta R.T. -0.000 min  
Lab File: VX036416.D  
Acq: 05 Jul 2023 20:04

Tgt Ion: 43 Resp: 76685  
Ion Ratio Lower Upper  
43 100  
58 27.8 21.9 32.9



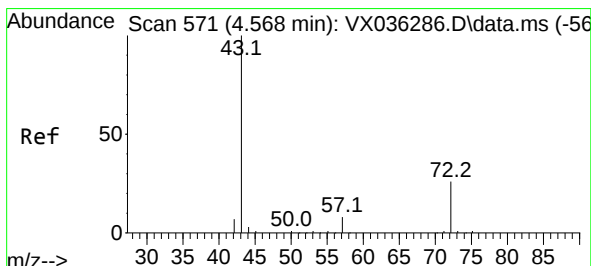
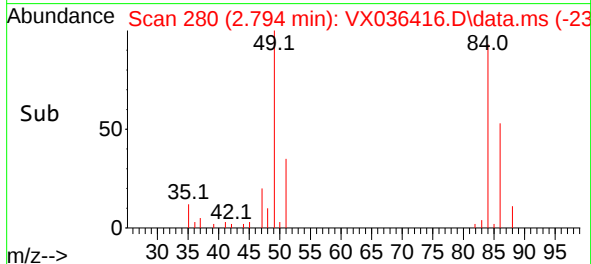
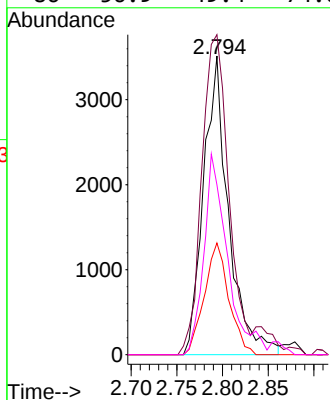
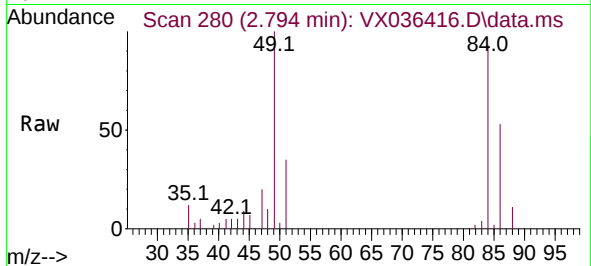


#20  
Methylene Chloride  
Concen: 2.754 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX036416.D  
Acq: 05 Jul 2023 20:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-TP2

Tgt Ion: 84 Resp: 6683

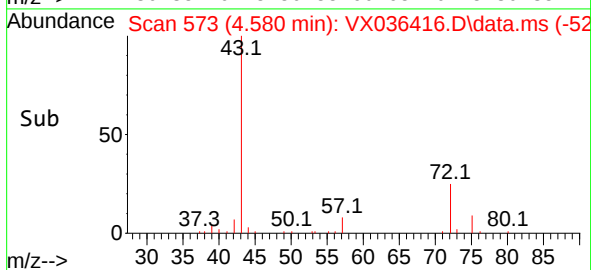
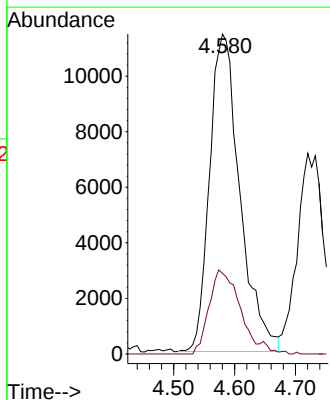
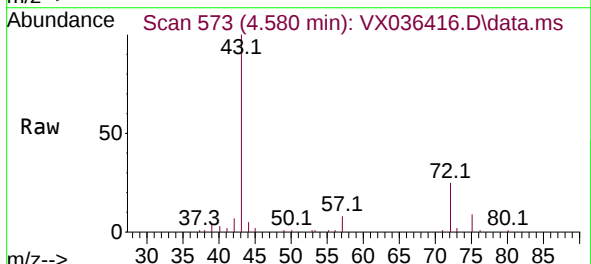
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 107.1 | 103.6 | 155.4 |
| 51  | 37.4  | 33.8  | 50.6  |
| 86  | 56.9  | 49.4  | 74.0  |

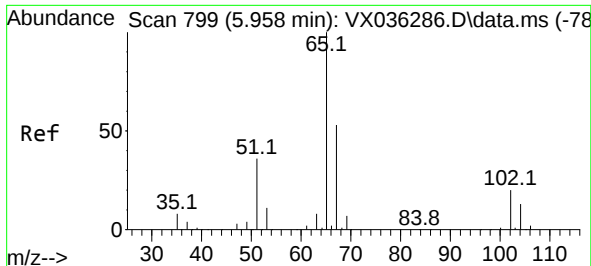


#25  
2-Butanone  
Concen: 24.372 ug/l  
RT: 4.580 min Scan# 573  
Delta R.T. 0.012 min  
Lab File: VX036416.D  
Acq: 05 Jul 2023 20:04

Tgt Ion: 43 Resp: 39469

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 25.4  | 19.4  | 29.2  |

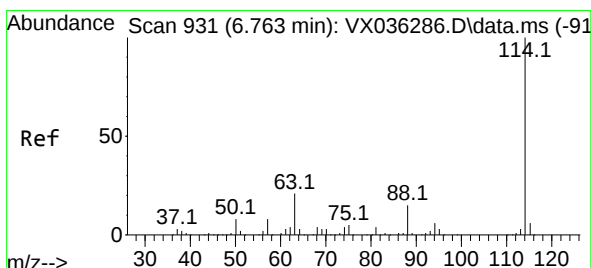
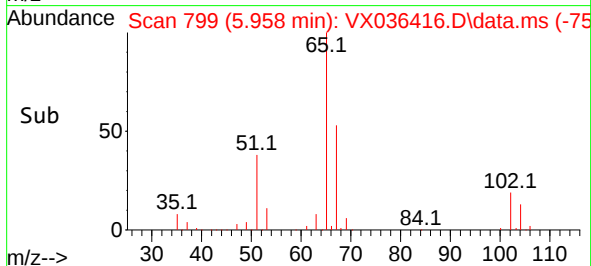
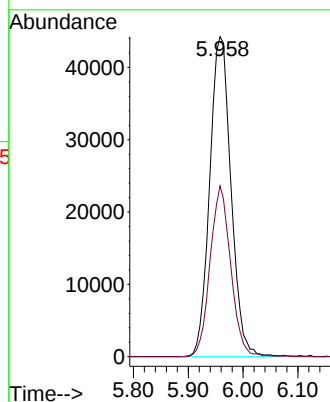
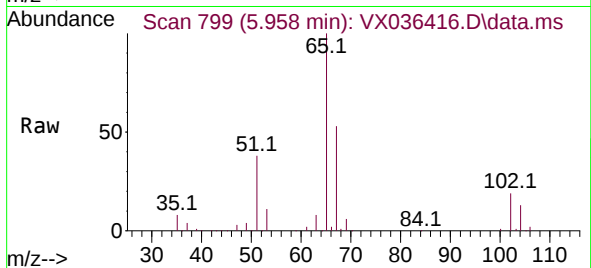




#33  
1,2-Dichloroethane-d4  
Concen: 45.267 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX036416.D  
Acq: 05 Jul 2023 20:04

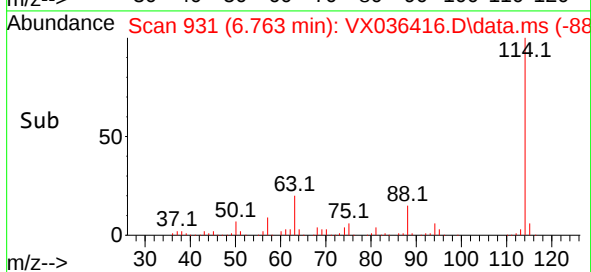
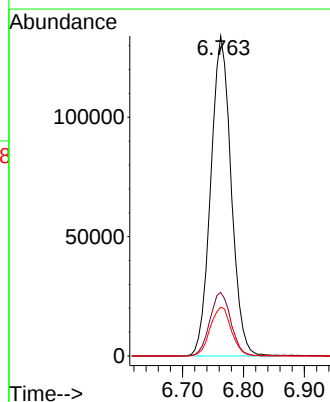
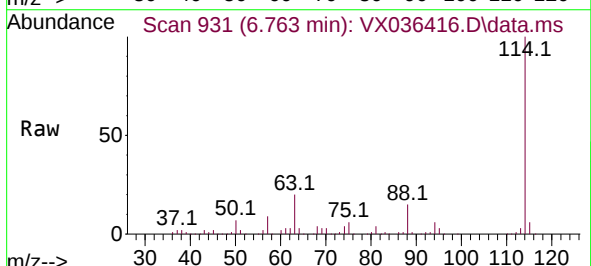
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-TP2

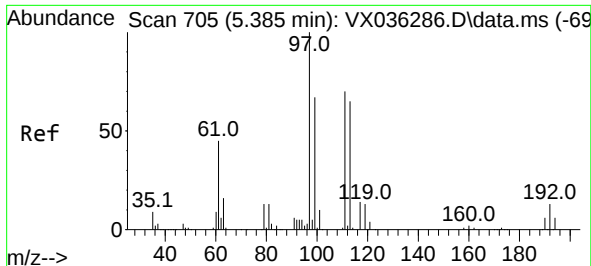
Tgt Ion: 65 Resp: 119370  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VX036416.D  
Acq: 05 Jul 2023 20:04

Tgt Ion: 114 Resp: 311663  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 45.0  
88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.975 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036416.D

Acq: 05 Jul 2023 20:04

Instrument :

MSVOA\_X

ClientSampleId :

TB-TP2

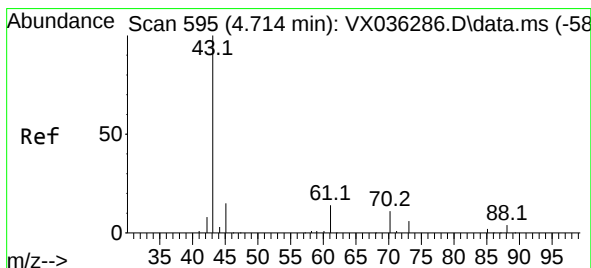
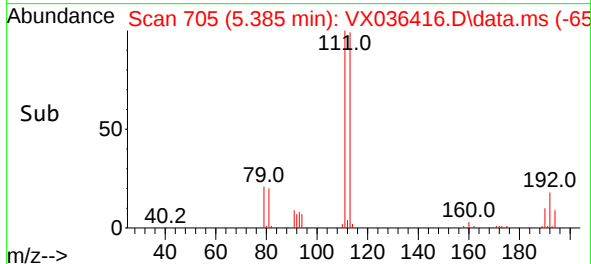
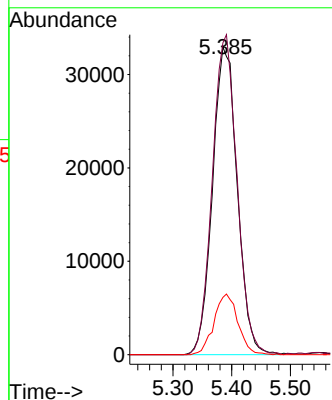
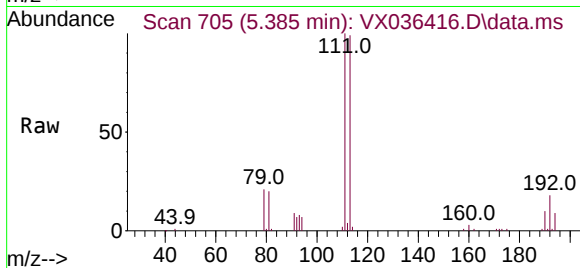
Tgt Ion:113 Resp: 96535

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 19.0 13.3 19.9



#37

Ethyl Acetate

Concen: 7.373 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX036416.D

Acq: 05 Jul 2023 20:04

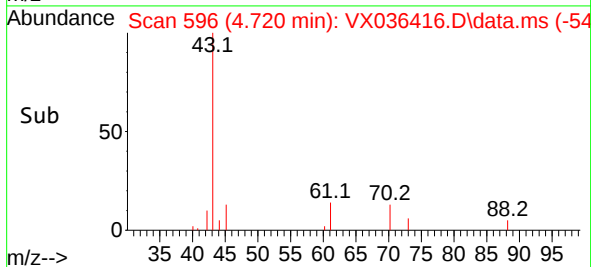
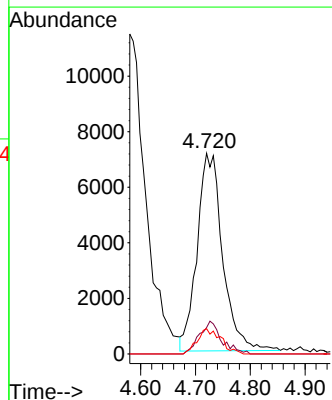
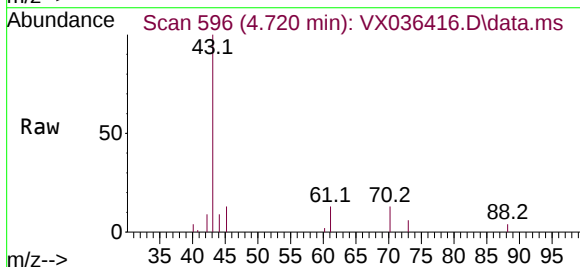
Tgt Ion: 43 Resp: 23020

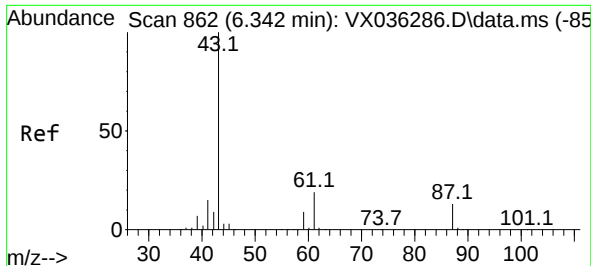
Ion Ratio Lower Upper

43 100

61 14.3 10.6 16.0

70 11.7 8.3 12.5

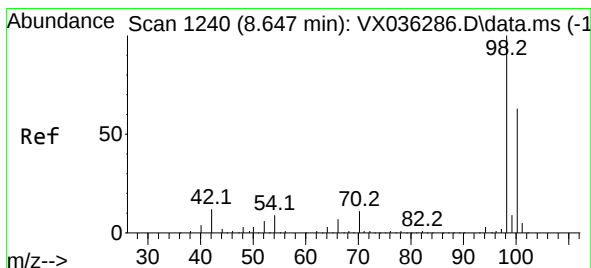
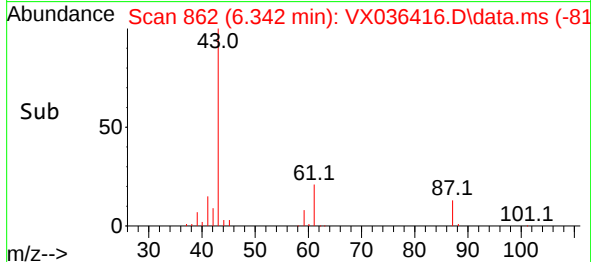
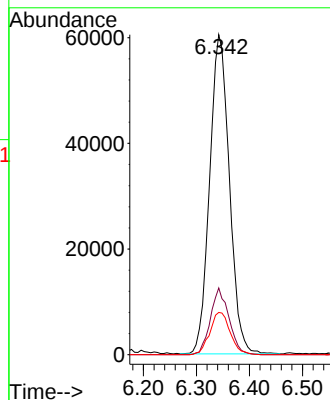
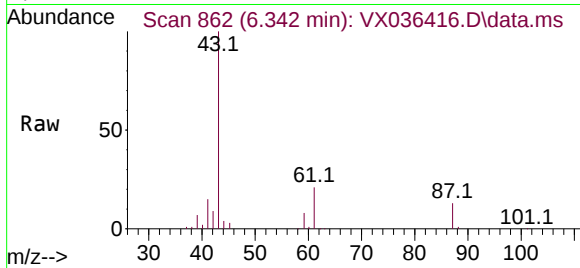




#43  
Isopropyl Acetate  
Concen: 31.382 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: VX036416.D  
Acq: 05 Jul 2023 20:04

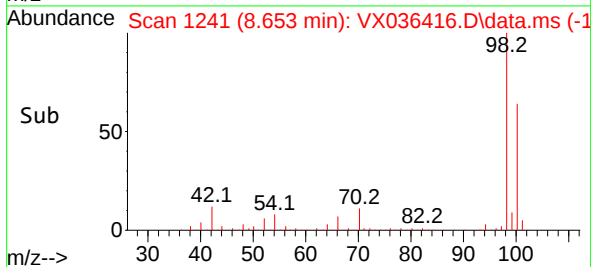
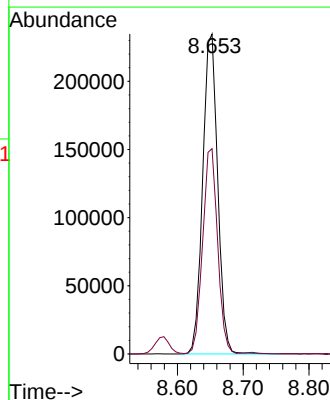
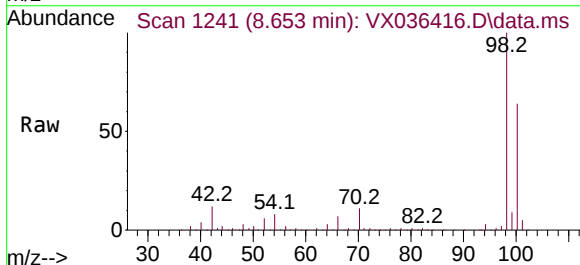
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-TP2

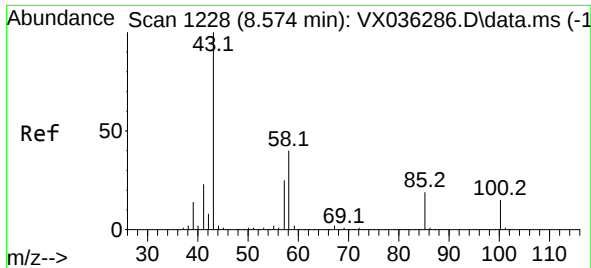
Tgt Ion: 43 Resp: 156304  
Ion Ratio Lower Upper  
43 100  
61 19.6 15.2 22.8  
87 13.7 9.8 14.6



#50  
Toluene-d8  
Concen: 48.444 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.007 min  
Lab File: VX036416.D  
Acq: 05 Jul 2023 20:04

Tgt Ion: 98 Resp: 371830  
Ion Ratio Lower Upper  
98 100  
100 63.7 53.1 79.7

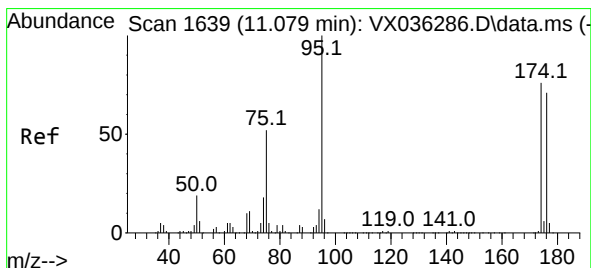
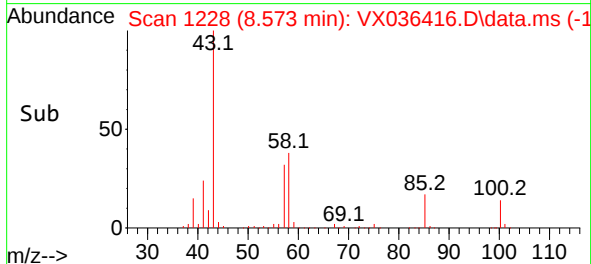
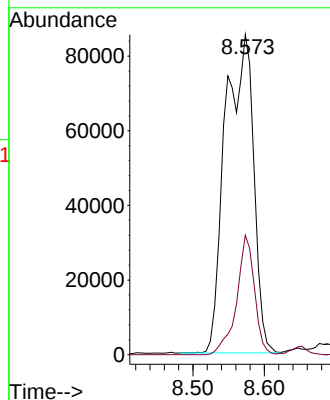
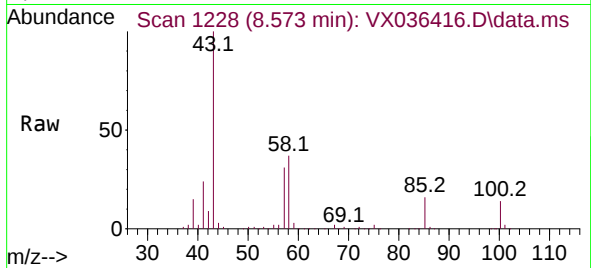




#51  
4-Methyl-2-Pentanone  
Concen: 73.062 ug/l  
RT: 8.573 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036416.D  
Acq: 05 Jul 2023 20:04

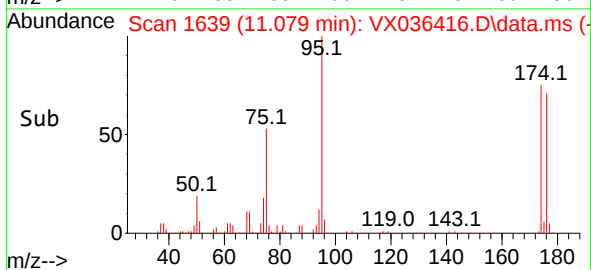
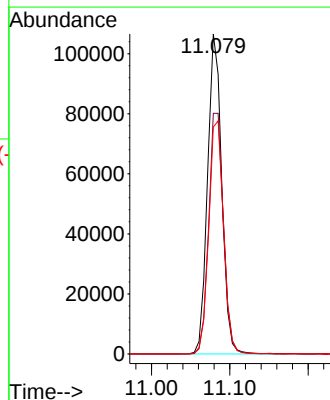
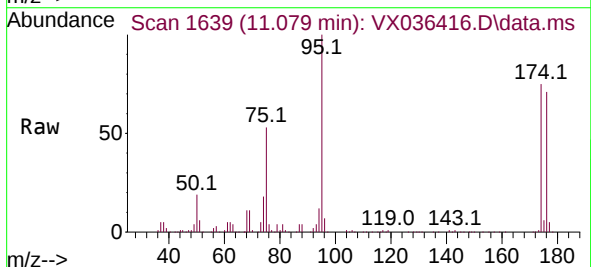
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-TP2

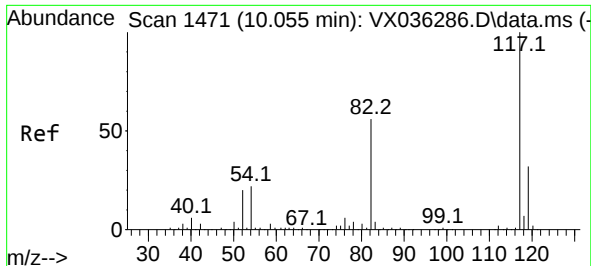
Tgt Ion: 43 Resp: 234444  
Ion Ratio Lower Upper  
43 100  
58 23.7 30.4 45.6#



#62  
4-Bromofluorobenzene  
Concen: 49.226 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX036416.D  
Acq: 05 Jul 2023 20:04

Tgt Ion: 95 Resp: 133086  
Ion Ratio Lower Upper  
95 100  
174 78.9 0.0 135.6  
176 76.1 0.0 131.0

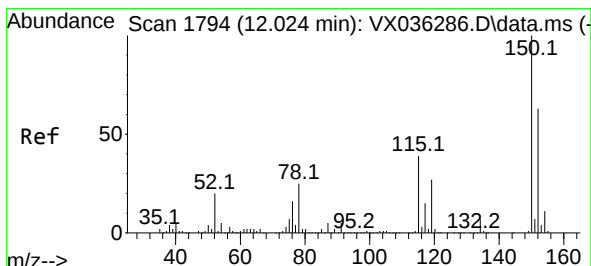
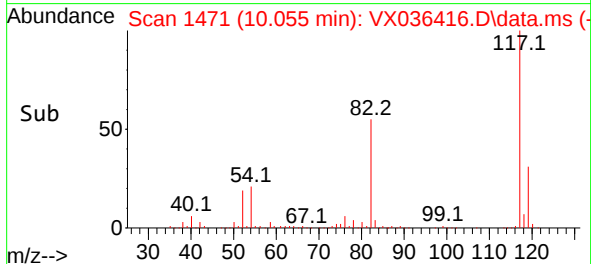
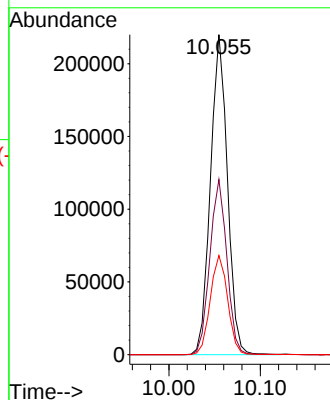
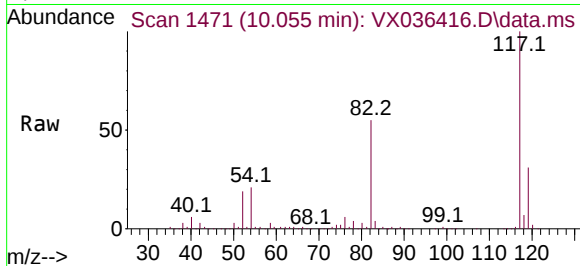




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX036416.D  
Acq: 05 Jul 2023 20:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-TP2

Tgt Ion:117 Resp: 282989  
Ion Ratio Lower Upper  
117 100  
82 54.8 46.2 69.4  
119 31.0 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: VX036416.D  
Acq: 05 Jul 2023 20:04

Tgt Ion:152 Resp: 126722  
Ion Ratio Lower Upper  
152 100  
115 59.2 43.3 129.9  
150 156.8 0.0 345.0

