

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070523\  
 Data File : VX036410.D  
 Acq On : 05 Jul 2023 17:42  
 Operator : JC/MD  
 Sample : PB153983ZHE#11  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB153983ZHE#11

Quant Time: Jul 06 04:55:00 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

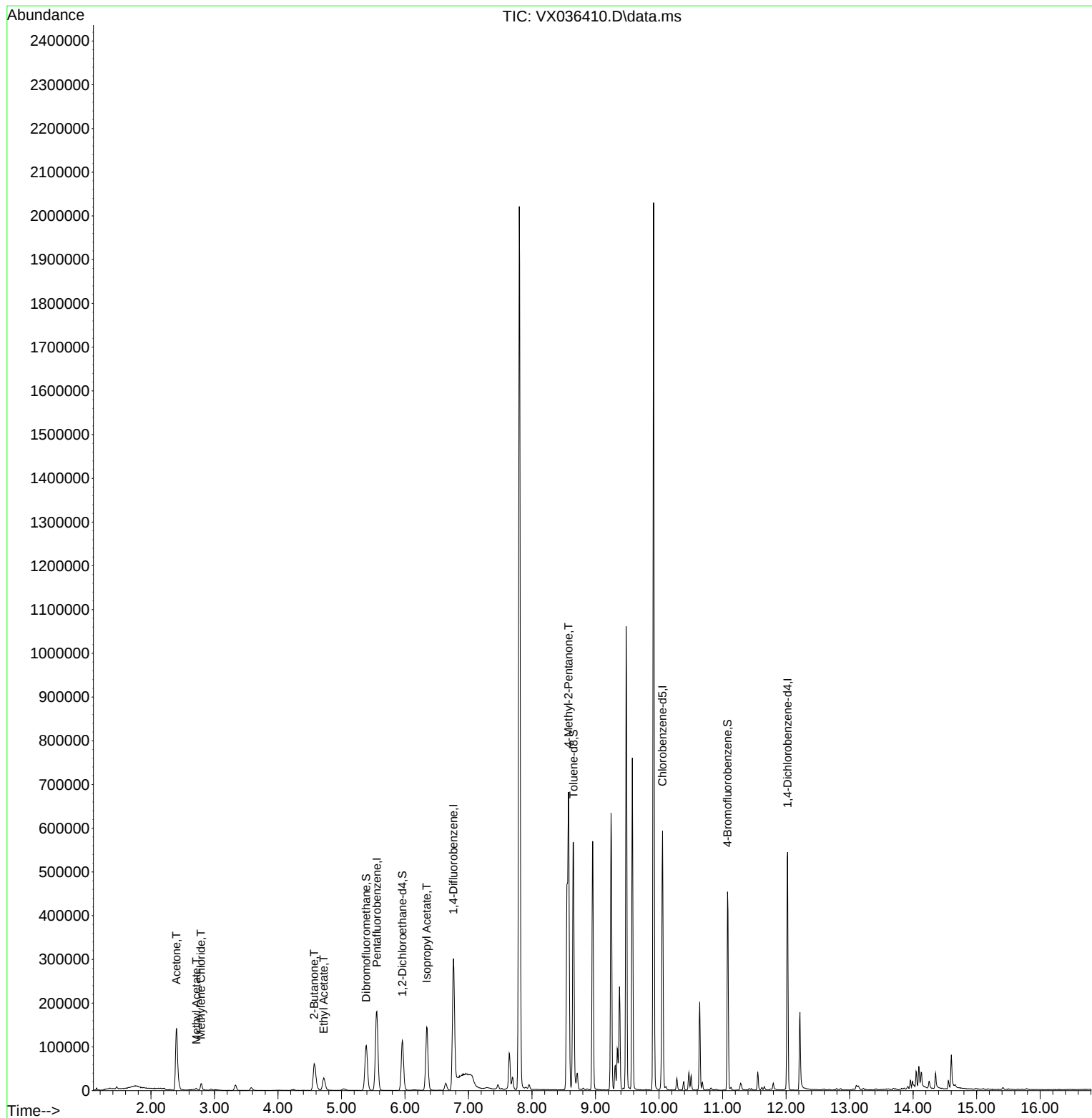
| Compound                    | R.T.   | QIon           | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|--------|----------------|----------|---------|---------|----------|
| -----                       |        |                |          |         |         |          |
| Internal Standards          |        |                |          |         |         |          |
| 1) Pentafluorobenzene       | 5.555  | 168            | 172493   | 50.000  | ug/l    | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114            | 288034   | 50.000  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117            | 254964   | 50.000  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152            | 112598   | 50.000  | ug/l    | 0.00     |
| System Monitoring Compounds |        |                |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65             | 109238   | 44.180  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 78 - 117 | Recovery | =       | 88.360% |          |
| 35) Dibromofluoromethane    | 5.385  | 113            | 90723    | 47.769  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | =       | 95.540% |          |
| 50) Toluene-d8              | 8.652  | 98             | 349592   | 49.283  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 92 - 112 | Recovery | =       | 98.560% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95             | 119807   | 47.950  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 83 - 123 | Recovery | =       | 95.900% |          |
| Target Compounds            |        |                |          |         |         |          |
|                             |        |                |          |         |         | Qvalue   |
| 16) Acetone                 | 2.398  | 43             | 218449   | 206.699 | ug/l    | 97       |
| 18) Methyl Acetate          | 2.715  | 43             | 4676     | 1.076   | ug/l    | 96       |
| 20) Methylene Chloride      | 2.788  | 84             | 7024     | 3.087   | ug/l    | 89       |
| 25) 2-Butanone              | 4.568  | 43             | 116976   | 77.035  | ug/l    | 94       |
| 37) Ethyl Acetate           | 4.720  | 43             | 52842    | 18.313  | ug/l    | 97       |
| 43) Isopropyl Acetate       | 6.342  | 43             | 198731   | 43.174  | ug/l    | 98       |
| 51) 4-Methyl-2-Pentanone    | 8.573  | 43             | 526829   | 177.648 | ug/l #  | 87       |
| -----                       |        |                |          |         |         |          |

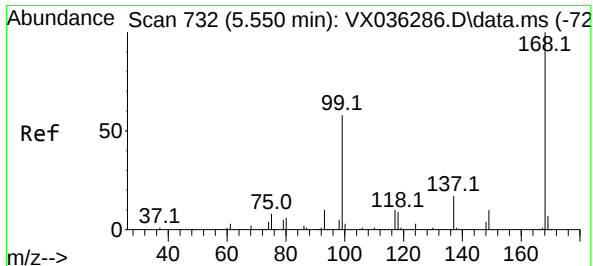
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070523\  
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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB153983ZHE#11

Quant Time: Jul 06 04:55:00 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

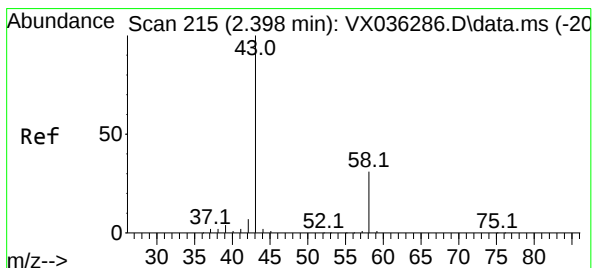
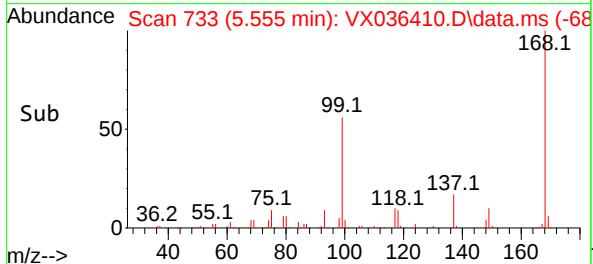
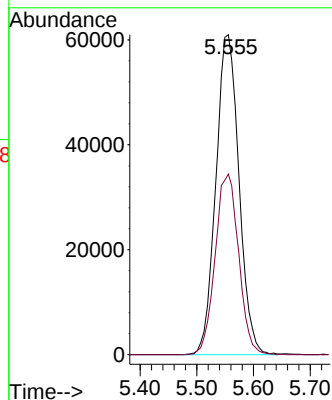
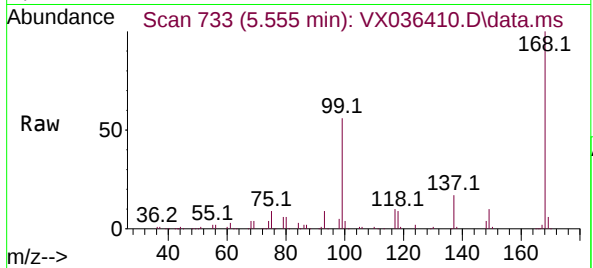




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.555 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX036410.D  
Acq: 05 Jul 2023 17:42

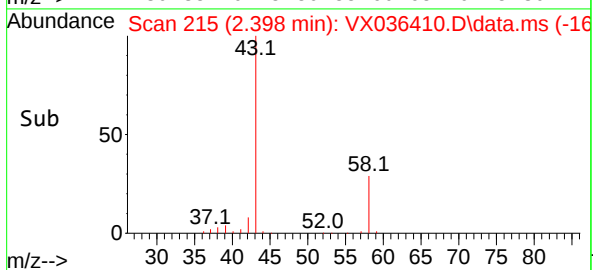
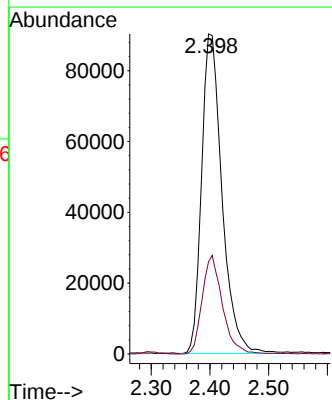
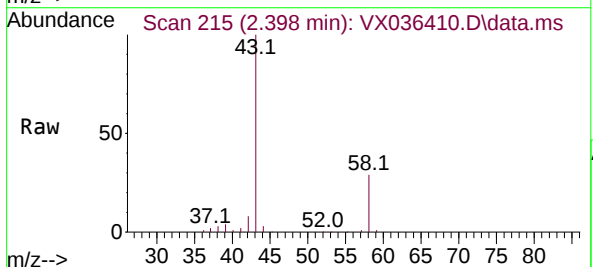
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB153983ZHE#11

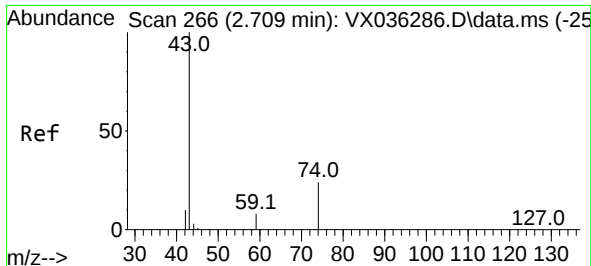
Tgt Ion:168 Resp: 172493  
Ion Ratio Lower Upper  
168 100  
99 56.4 56.6 85.0#



#16  
Acetone  
Concen: 206.699 ug/l  
RT: 2.398 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VX036410.D  
Acq: 05 Jul 2023 17:42

Tgt Ion: 43 Resp: 218449  
Ion Ratio Lower Upper  
43 100  
58 28.9 21.9 32.9

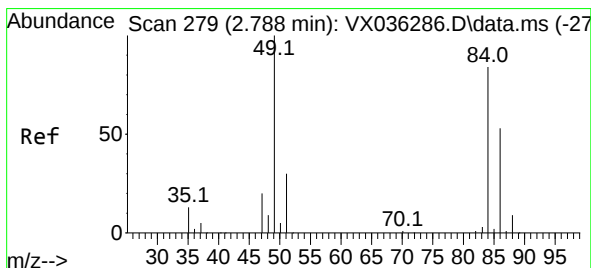
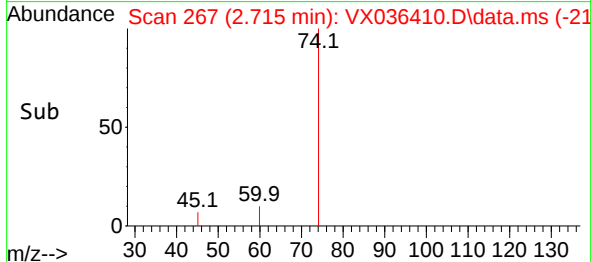
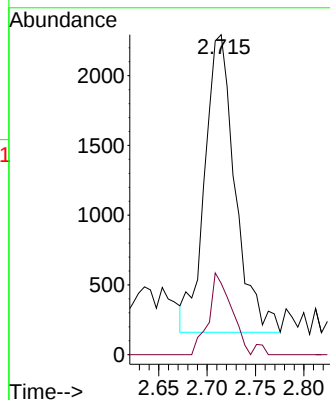
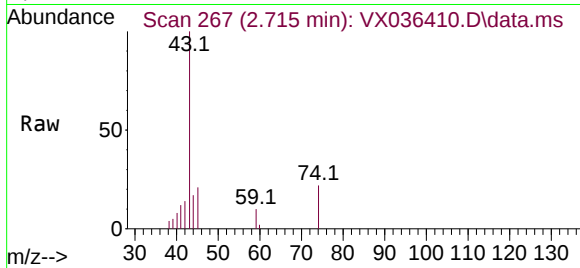




#18  
Methyl Acetate  
Concen: 1.076 ug/l  
RT: 2.715 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VX036410.D  
Acq: 05 Jul 2023 17:42

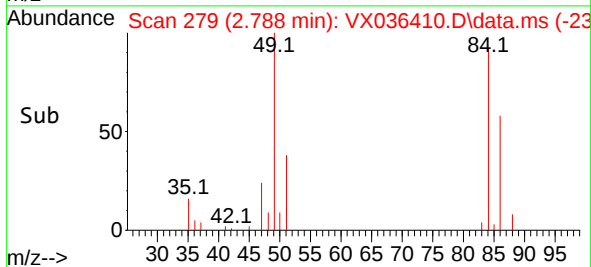
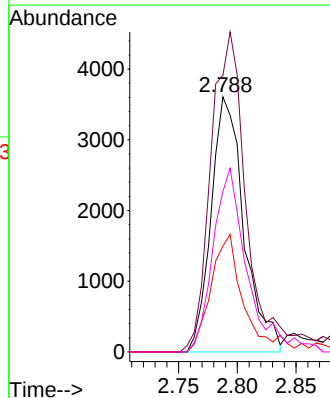
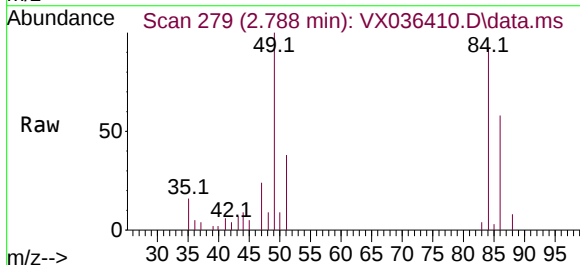
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB153983ZHE#11

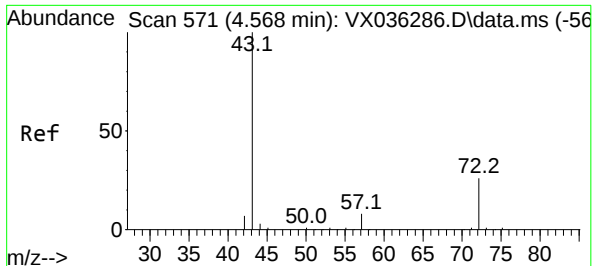
Tgt Ion: 43 Resp: 4676  
Ion Ratio Lower Upper  
43 100  
74 20.5 17.8 26.8



#20  
Methylene Chloride  
Concen: 3.087 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX036410.D  
Acq: 05 Jul 2023 17:42

Tgt Ion: 84 Resp: 7024  
Ion Ratio Lower Upper  
84 100  
49 108.5 103.6 155.4  
51 41.5 33.8 50.6  
86 62.9 49.4 74.0





#25

2-Butanone

Concen: 77.035 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX036410.D

Acq: 05 Jul 2023 17:42

Instrument :

MSVOA\_X

ClientSampleId :

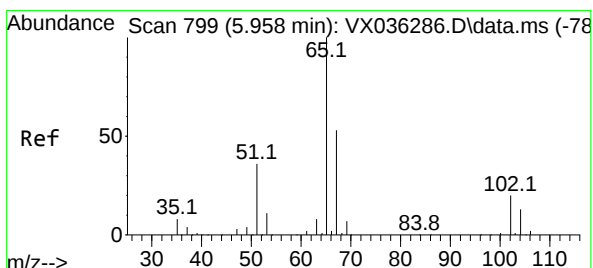
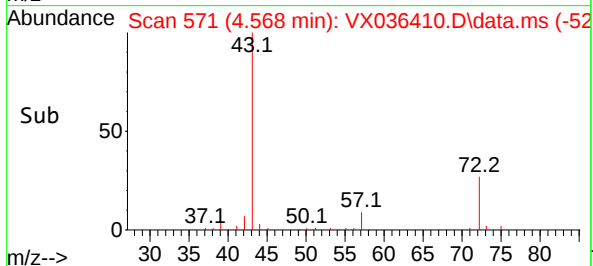
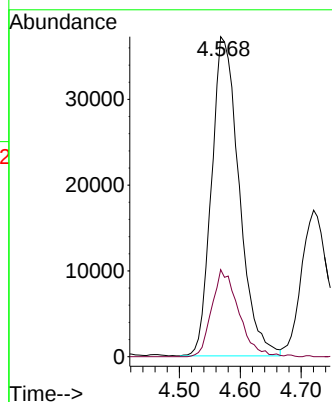
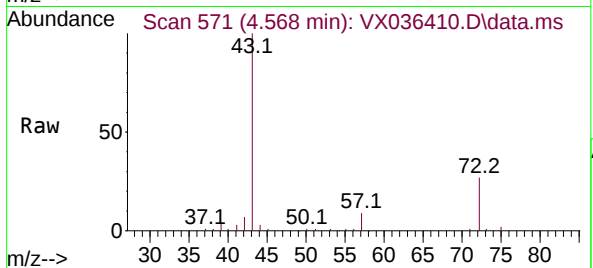
PB153983ZHE#11

Tgt Ion: 43 Resp: 116976

Ion Ratio Lower Upper

43 100

72 27.3 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 44.180 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX036410.D

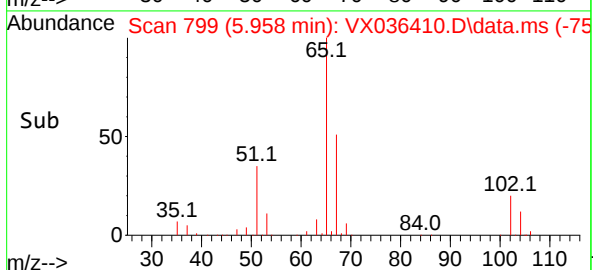
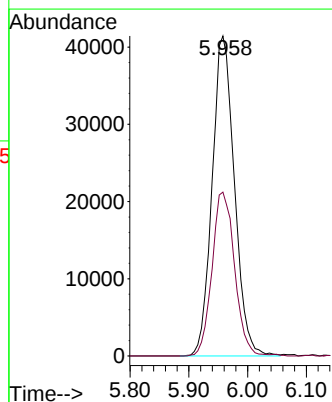
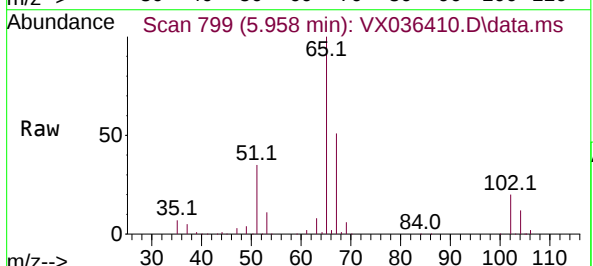
Acq: 05 Jul 2023 17:42

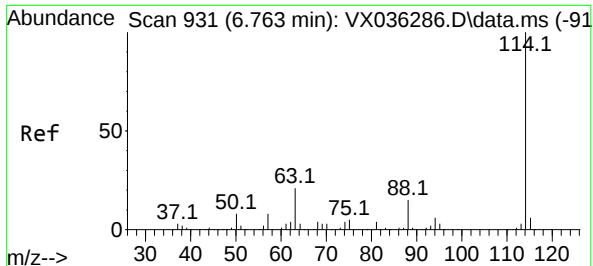
Tgt Ion: 65 Resp: 109238

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2

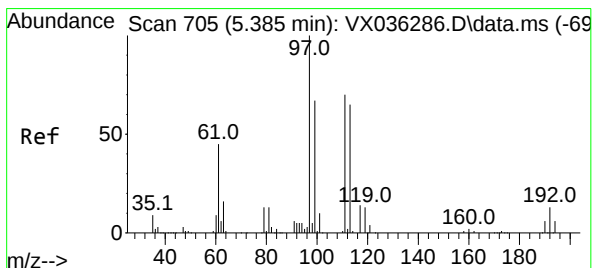
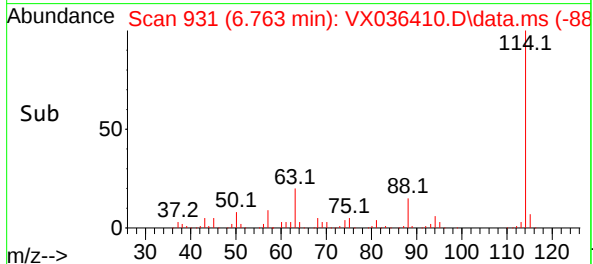
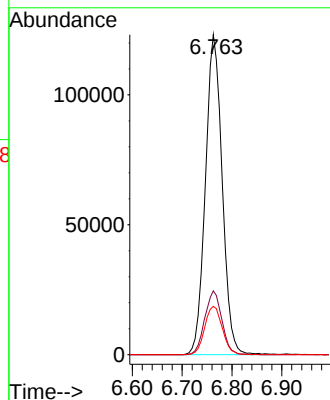
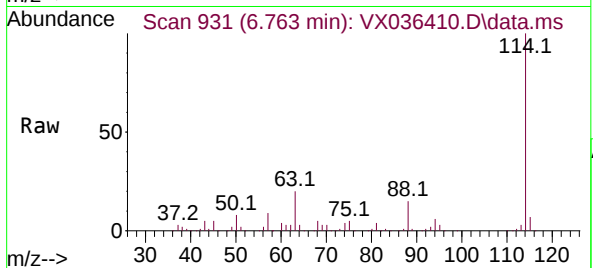




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX036410.D  
Acq: 05 Jul 2023 17:42

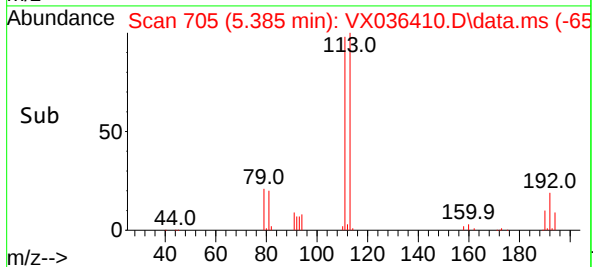
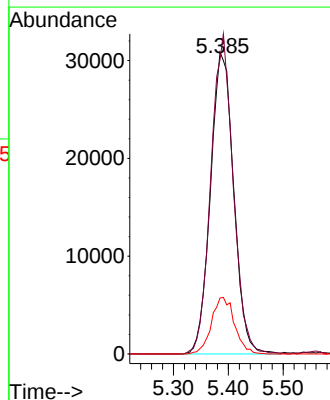
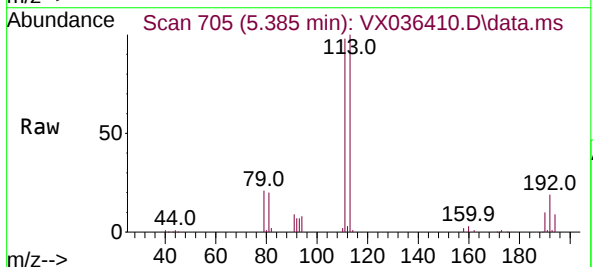
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB153983ZHE#11

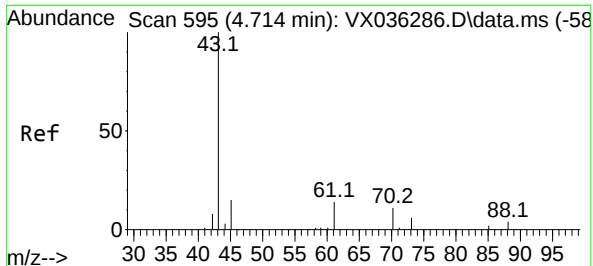
Tgt Ion:114 Resp: 288034  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 45.0  
88 15.1 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 47.769 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX036410.D  
Acq: 05 Jul 2023 17:42

Tgt Ion:113 Resp: 90723  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.9 124.3  
192 18.6 13.3 19.9





#37

Ethyl Acetate

Concen: 18.313 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX036410.D

Acq: 05 Jul 2023 17:42

Instrument :

MSVOA\_X

ClientSampleId :

PB153983ZHE#11

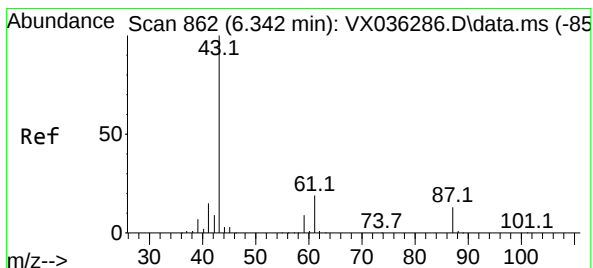
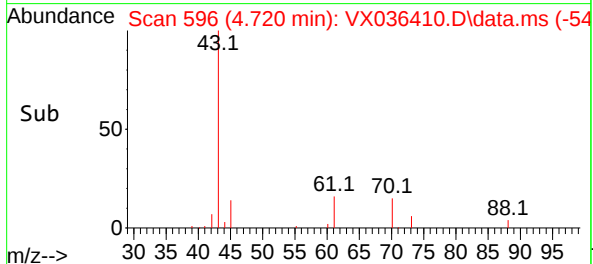
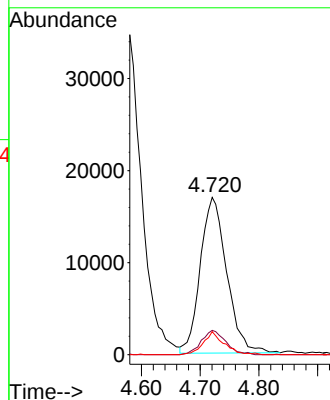
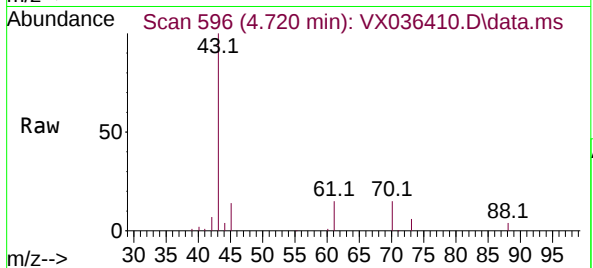
Tgt Ion: 43 Resp: 52842

Ion Ratio Lower Upper

43 100

61 14.4 10.6 16.0

70 11.7 8.3 12.5



#43

Isopropyl Acetate

Concen: 43.174 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX036410.D

Acq: 05 Jul 2023 17:42

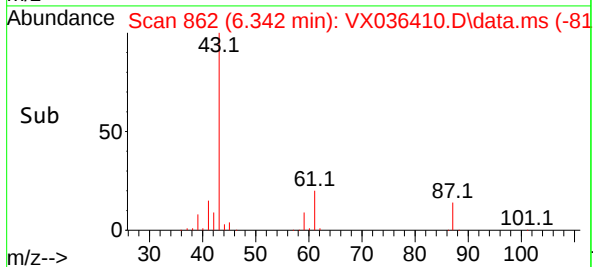
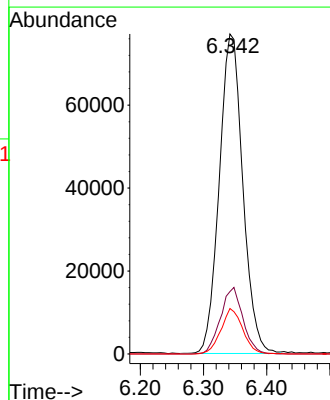
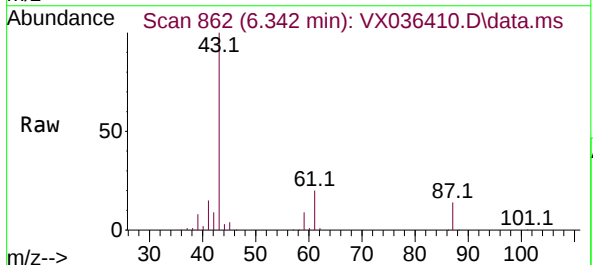
Tgt Ion: 43 Resp: 198731

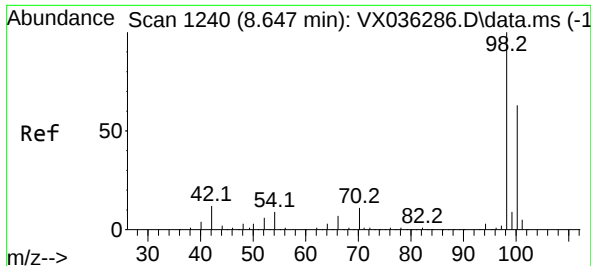
Ion Ratio Lower Upper

43 100

61 19.9 15.2 22.8

87 13.2 9.8 14.6

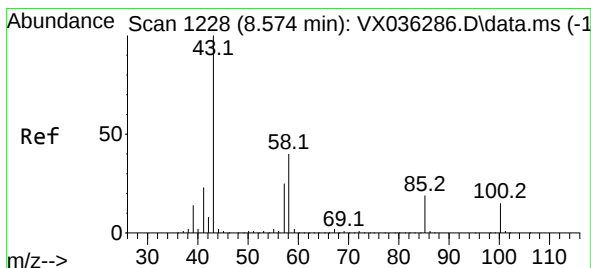
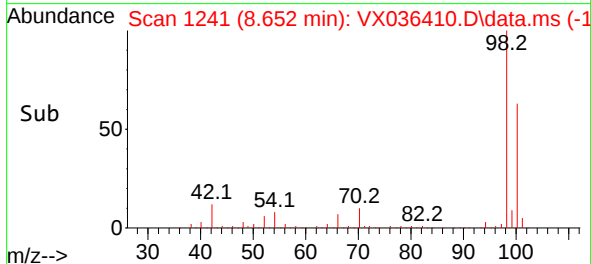
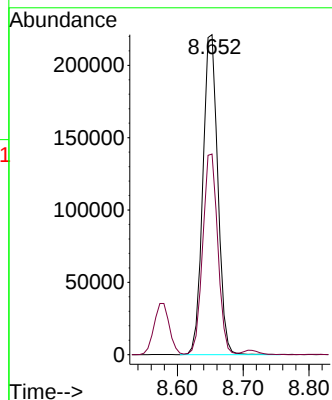
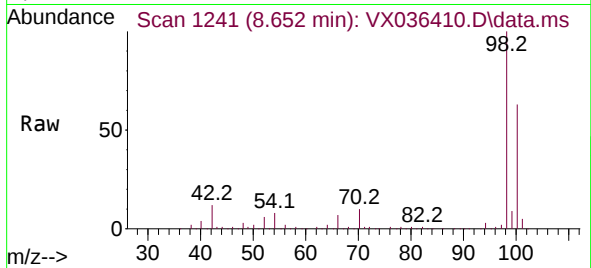




#50  
Toluene-d8  
Concen: 49.283 ug/l  
RT: 8.652 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX036410.D  
Acq: 05 Jul 2023 17:42

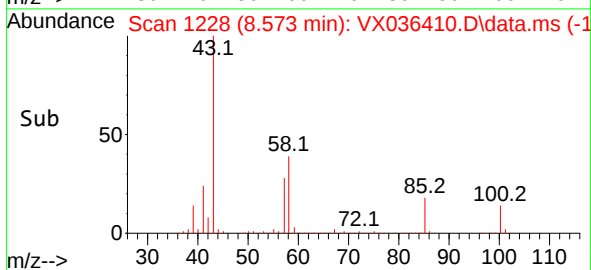
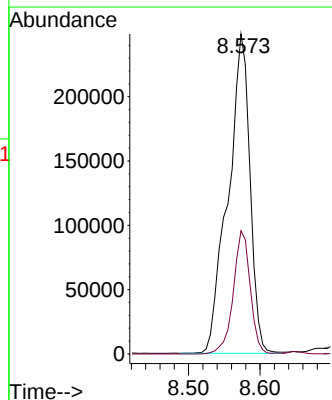
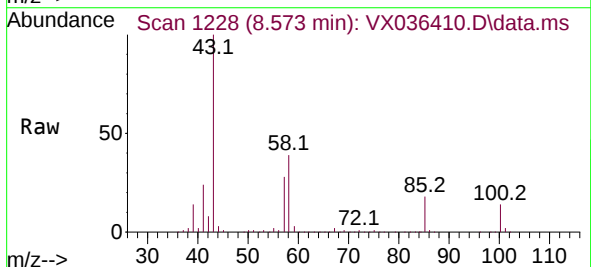
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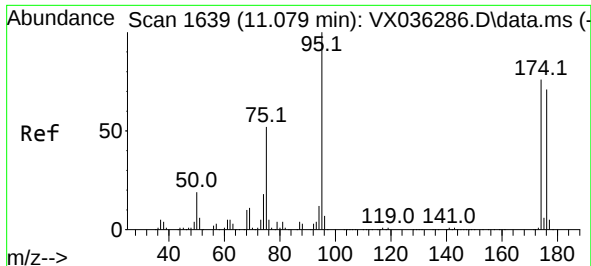
Tgt Ion: 98 Resp: 349592  
Ion Ratio Lower Upper  
98 100  
100 63.2 53.1 79.7



#51  
4-Methyl-2-Pentanone  
Concen: 177.648 ug/l  
RT: 8.573 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX036410.D  
Acq: 05 Jul 2023 17:42

Tgt Ion: 43 Resp: 526829  
Ion Ratio Lower Upper  
43 100  
58 30.1 30.4 45.6

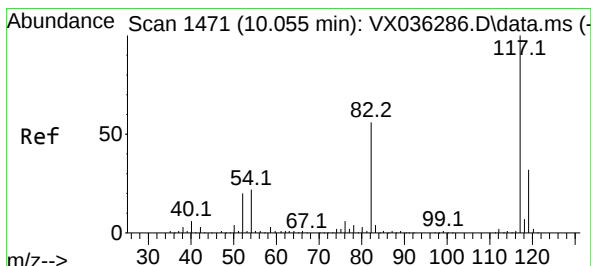
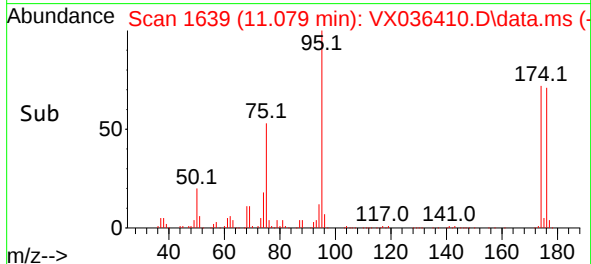
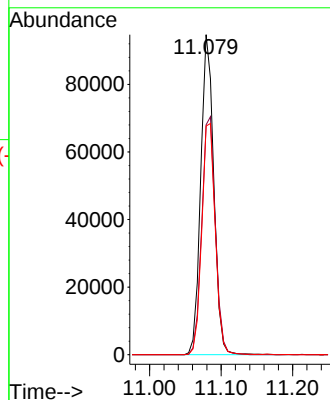
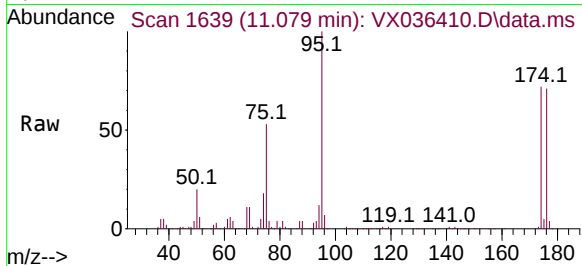




#62  
4-Bromofluorobenzene  
Concen: 47.950 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX036410.D  
Acq: 05 Jul 2023 17:42

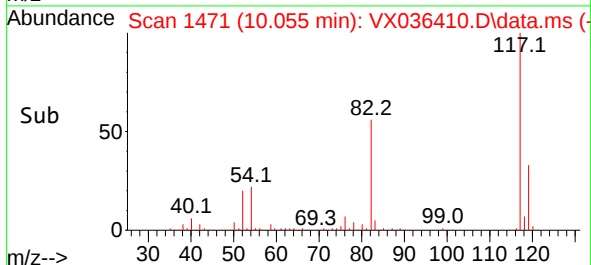
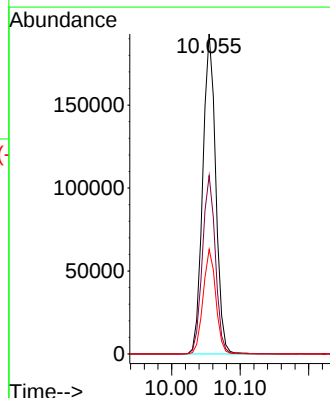
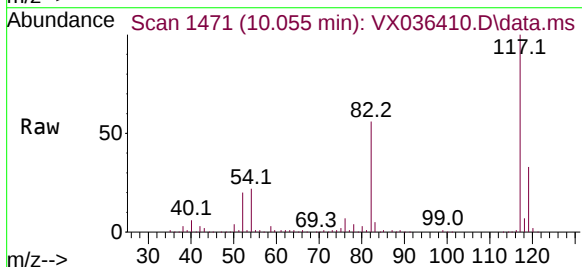
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB153983ZHE#11

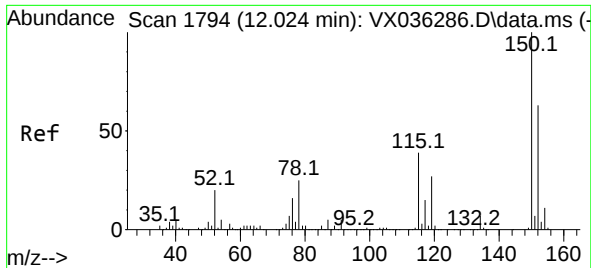
Tgt Ion: 95 Resp: 119807  
Ion Ratio Lower Upper  
95 100  
174 77.7 0.0 135.6  
176 74.8 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX036410.D  
Acq: 05 Jul 2023 17:42

Tgt Ion: 117 Resp: 254964  
Ion Ratio Lower Upper  
117 100  
82 55.8 46.2 69.4  
119 32.7 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: VX036410.D

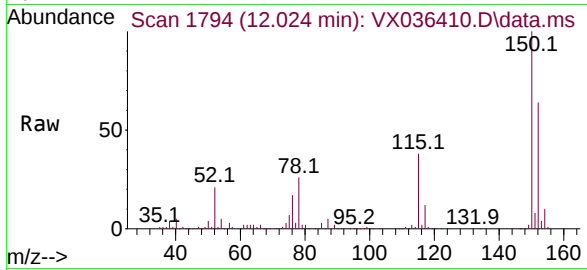
Acq: 05 Jul 2023 17:42

Instrument :

MSVOA\_X

ClientSampleId :

PB153983ZHE#11



Tgt Ion:152 Resp: 112598

Ion Ratio Lower Upper

152 100

115 60.6 43.3 129.9

150 157.5 0.0 345.0

