

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010923\  
 Data File : VX033671.D  
 Acq On : 09 Jan 2023 18:21  
 Operator : JC/MD  
 Sample : 01079-01RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SAMPLE-1-EFFLUENTRE

Quant Time: Jan 10 00:48:48 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X010723W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Jan 07 06:16:21 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/10/2023  
 Supervised By :Mahesh Dadoda 01/11/2023

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|--------|-----------|
| -----                       |        |       |          |          |        |           |
| Internal Standards          |        |       |          |          |        |           |
| 1) Bromochloromethane       | 4.897  | 128   | 11606    | 30.000   | ug/l   | 0.00      |
| 28) 1,4-Difluorobenzene     | 6.763  | 114   | 80159    | 30.000   | ug/l   | 0.00      |
| 57) Chlorobenzene-d5        | 10.055 | 117   | 85501    | 30.000   | ug/l   | 0.00      |
| System Monitoring Compounds |        |       |          |          |        |           |
| 27) 1,2-Dichloroethane-d4   | 5.952  | 65    | 31194    | 33.194   | ug/l   | 0.00      |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =      | 110.633%# |
| 60) 4-Bromofluorobenzene    | 11.079 | 95    | 45176    | 29.316   | ug/l   | 0.00      |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =      | 97.733%   |
| 63) Toluene-d8              | 8.647  | 98    | 82984    | 30.327   | ug/l   | 0.00      |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =      | 101.100%  |
| Target Compounds            |        |       |          |          |        |           |
|                             |        |       |          |          | Qvalue |           |
| 15) Acetone                 | 2.386  | 58    | 466      | 3.364    | ug/l # | 57        |
| 16) Carbon Disulfide        | 2.514  | 76    | 635      | 0.246    | ug/l # | 93        |
| 30) 2-Butanone              | 4.580  | 43    | 1673m    | 1.849    | ug/l   |           |
| -----                       |        |       |          |          |        |           |

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

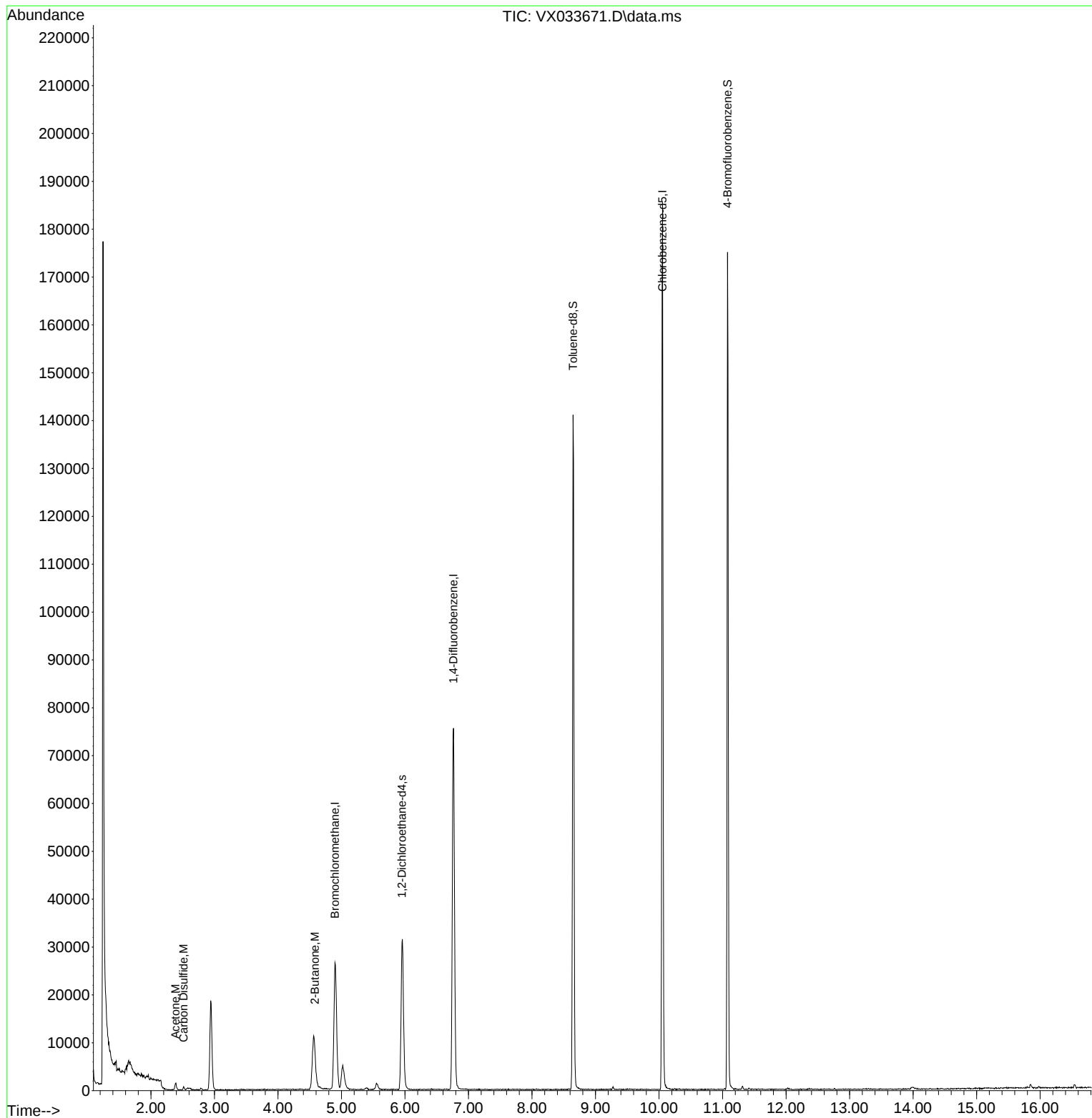
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010923\  
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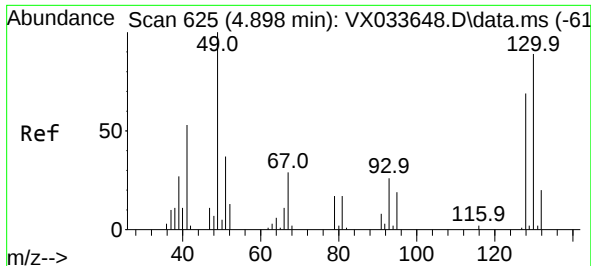
Instrument :  
MSVOA\_X  
ClientSampleId :  
SAMPLE-1-EFFLUENTRE

Quant Time: Jan 10 00:48:48 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X010723W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Sat Jan 07 06:16:21 2023  
Response via : Initial Calibration

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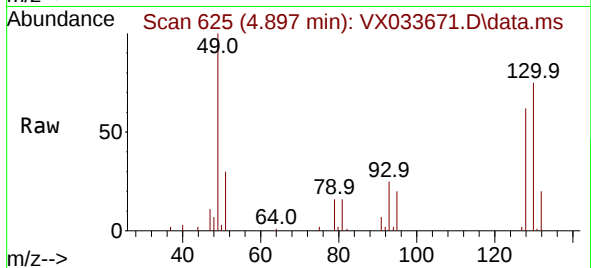
Reviewed By :Semsettin Yesilyurt 01/10/2023  
Supervised By :Mahesh Dadoda 01/11/2023





#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.897 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: VX033671.D  
Acq: 09 Jan 2023 18:21

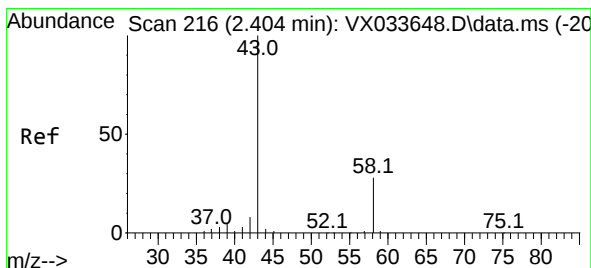
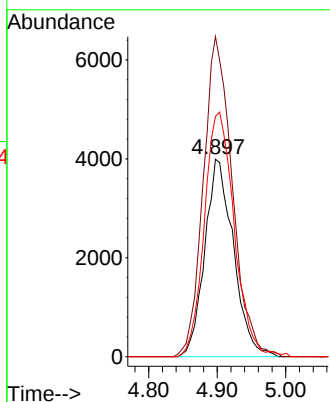
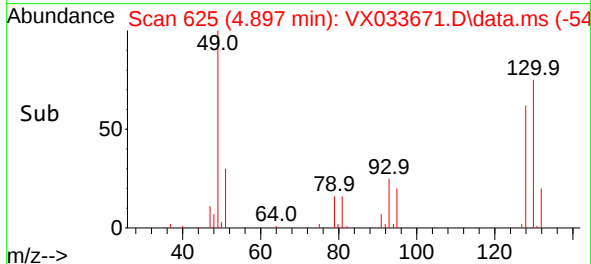
Instrument :  
MSVOA\_X  
ClientSampleId :  
SAMPLE-1-EFFLUENTRE



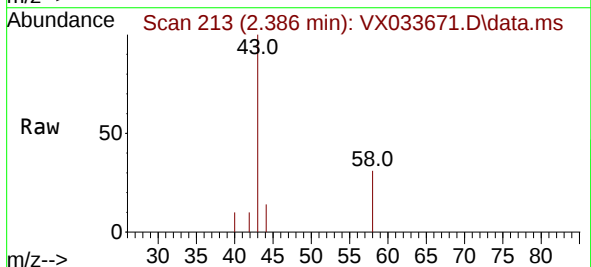
Tgt Ion:128 Resp: 11600  
Ion Ratio Lower Upper  
128 100  
49 163.8 0.0 398.5  
130 128.3 0.0 329.0

Manual Integrations  
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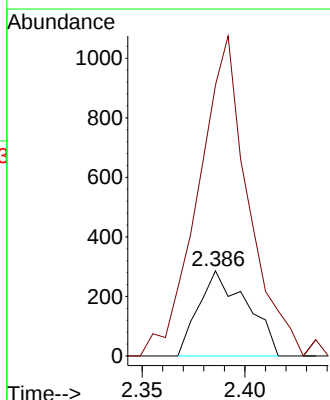
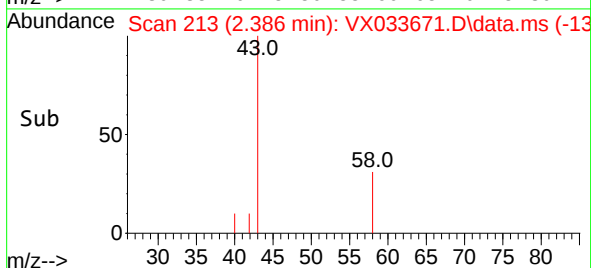
Reviewed By :Semsettin Yesilyurt 01/10/2023  
Supervised By :Mahesh Dadoda 01/11/2023

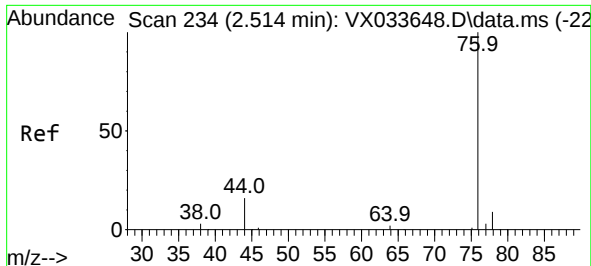


#15  
Acetone  
Concen: 3.364 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.018 min  
Lab File: VX033671.D  
Acq: 09 Jan 2023 18:21



Tgt Ion: 58 Resp: 466  
Ion Ratio Lower Upper  
58 100  
43 265.0 288.3 432.5#





#16

Carbon Disulfide

Concen: 0.246 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033671.D

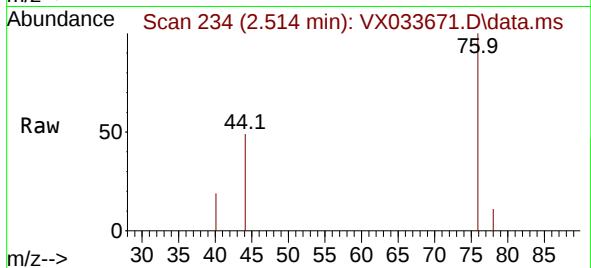
Acq: 09 Jan 2023 18:21

Instrument :

MSVOA\_X

ClientSampleId :

SAMPLE-1-EFFLUENTRE



Tgt Ion: 76 Resp: 63

Ion Ratio Lower Upper

76 100

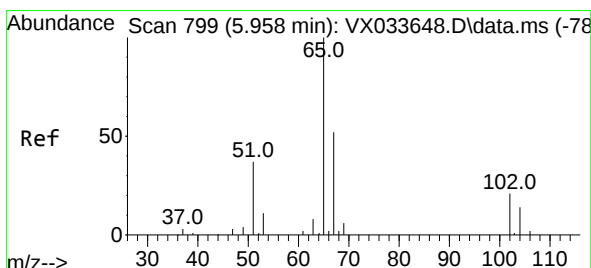
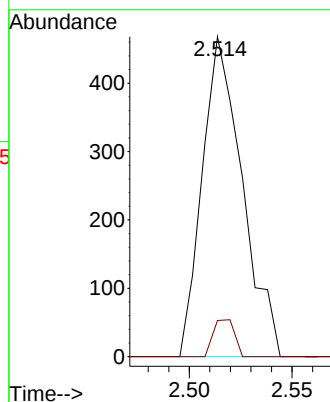
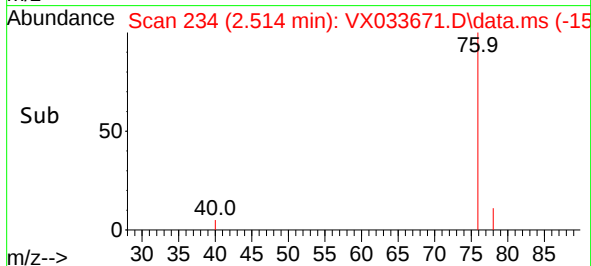
78 11.3 7.0 10.4

Manual Integrations

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Supervised By :Mahesh Dadoda 01/11/2023



#27

1,2-Dichloroethane-d4

Concen: 33.194 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX033671.D

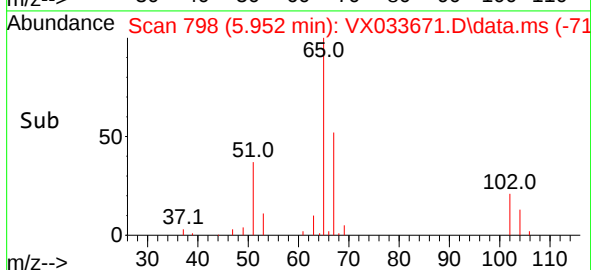
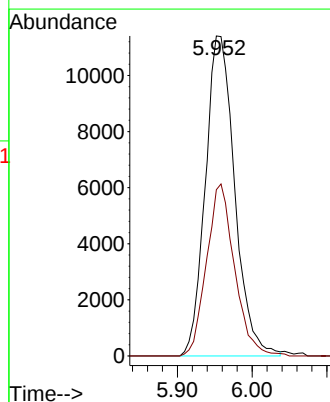
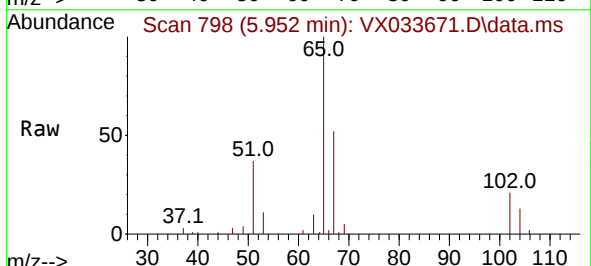
Acq: 09 Jan 2023 18:21

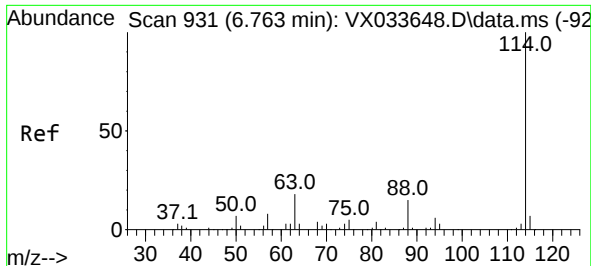
Tgt Ion: 65 Resp: 31194

Ion Ratio Lower Upper

65 100

67 51.3 40.4 60.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX033671.D

Acq: 09 Jan 2023 18:21

Instrument :

MSVOA\_X

ClientSampleId :

SAMPLE-1-EFFLUENTRE

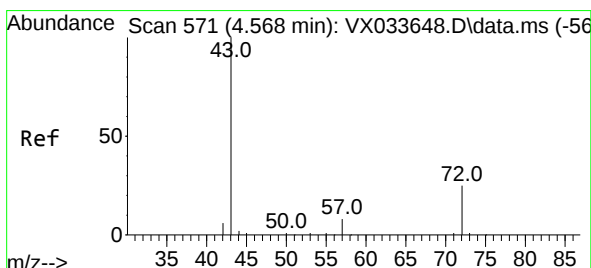
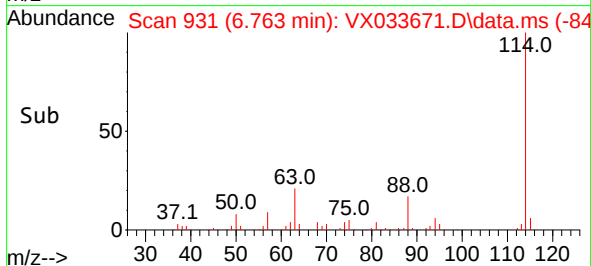
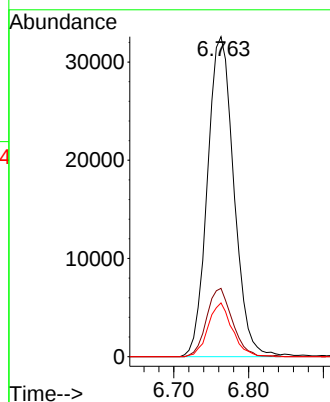
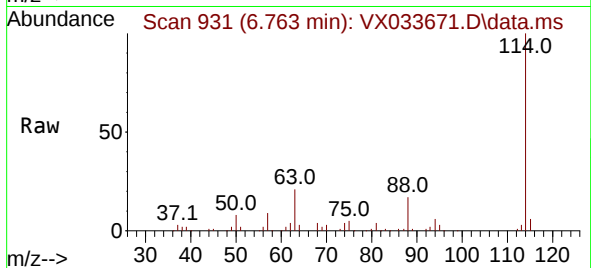
Tgt Ion:114 Resp: 8015

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 20.6  | 15.5  | 23.3  |
| 88  | 15.4  | 12.4  | 18.6  |

Manual Integrations

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Supervised By :Mahesh Dadoda 01/11/2023



#30

2-Butanone

Concen: 1.849 ug/l m

RT: 4.580 min Scan# 573

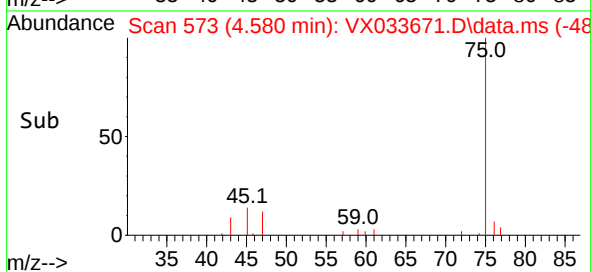
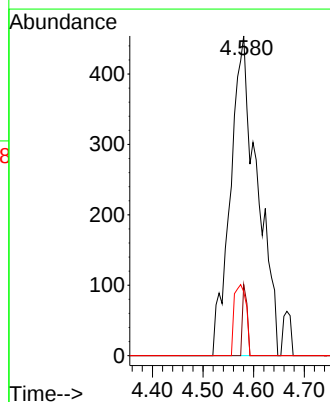
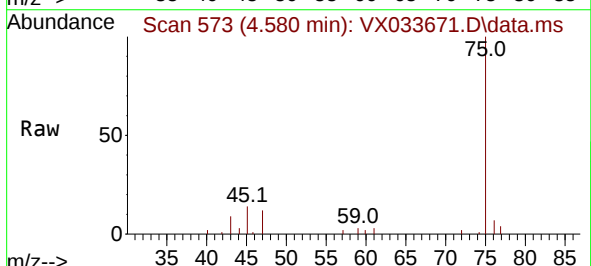
Delta R.T. 0.012 min

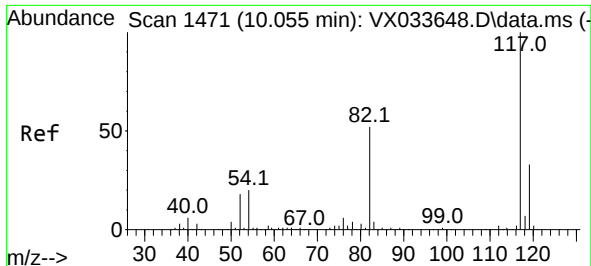
Lab File: VX033671.D

Acq: 09 Jan 2023 18:21

Tgt Ion: 43 Resp: 1673

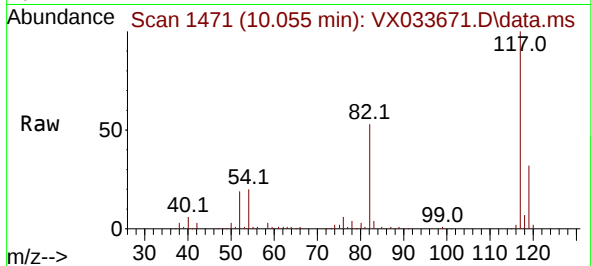
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 57  | 3.8   | 3.4   | 5.2   |
| 72  | 9.7   | 19.8  | 29.6  |





#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX033671.D  
Acq: 09 Jan 2023 18:21

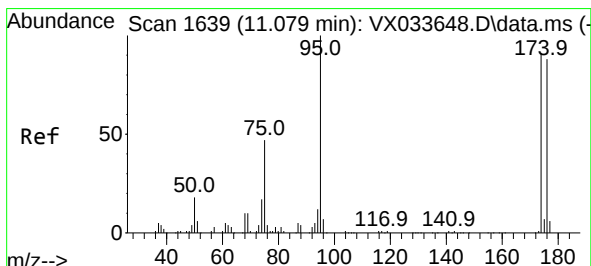
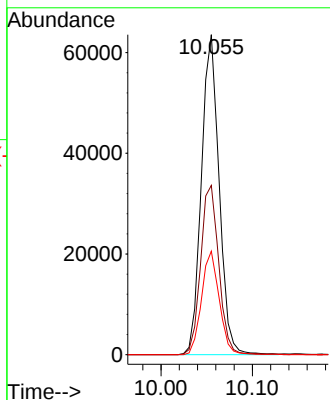
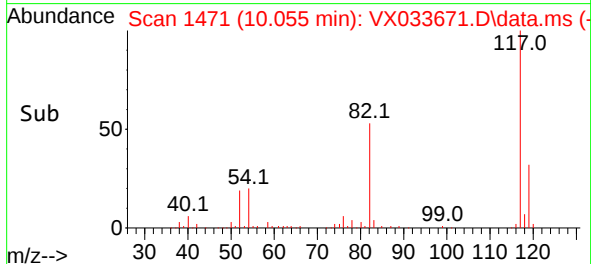
Instrument :  
MSVOA\_X  
ClientSampleId :  
SAMPLE-1-EFFLUENTRE



Tgt Ion:117 Resp: 8550  
Ion Ratio Lower Upper  
117 100  
82 54.0 41.9 62.9  
119 32.3 25.6 38.4

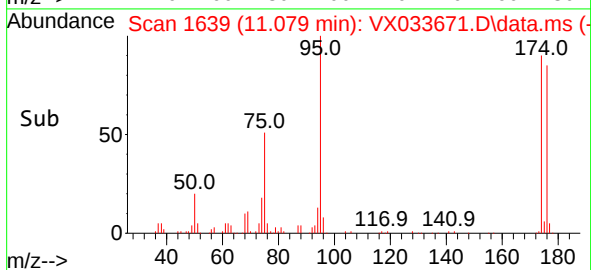
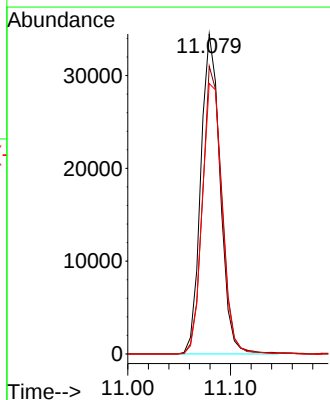
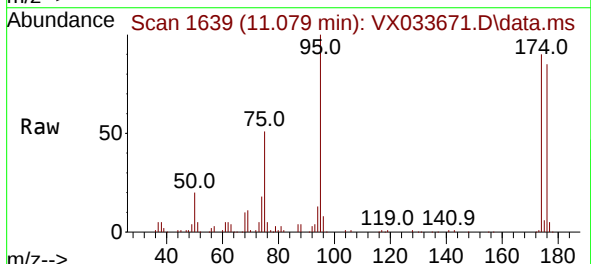
Manual Integrations  
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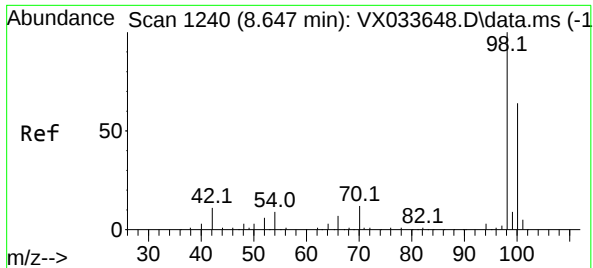
Reviewed By :Semsettin Yesilyurt 01/10/2023  
Supervised By :Mahesh Dadoda 01/11/2023



#60  
4-Bromofluorobenzene  
Concen: 29.316 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX033671.D  
Acq: 09 Jan 2023 18:21

Tgt Ion: 95 Resp: 45176  
Ion Ratio Lower Upper  
95 100  
174 90.3 73.7 110.5  
176 86.8 71.0 106.4





#63  
Toluene-d8  
Concen: 30.327 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033671.D  
Acq: 09 Jan 2023 18:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
SAMPLE-1-EFFLUENTRE

Tgt Ion: 98 Resp: 82984  
Ion Ratio Lower Upper  
98 100  
100 66.0 53.1 79.7

Manual Integrations  
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