

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121924\  
 Data File : VN085268.D  
 Acq On : 19 Dec 2024 16:23  
 Operator : JC\MD  
 Sample : P5328-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 001-WILLETS-PT-BLVD(DEC)

Quant Time: Dec 19 17:13:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N120624W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Dec 06 22:50:42 2024  
 Response via : Initial Calibration

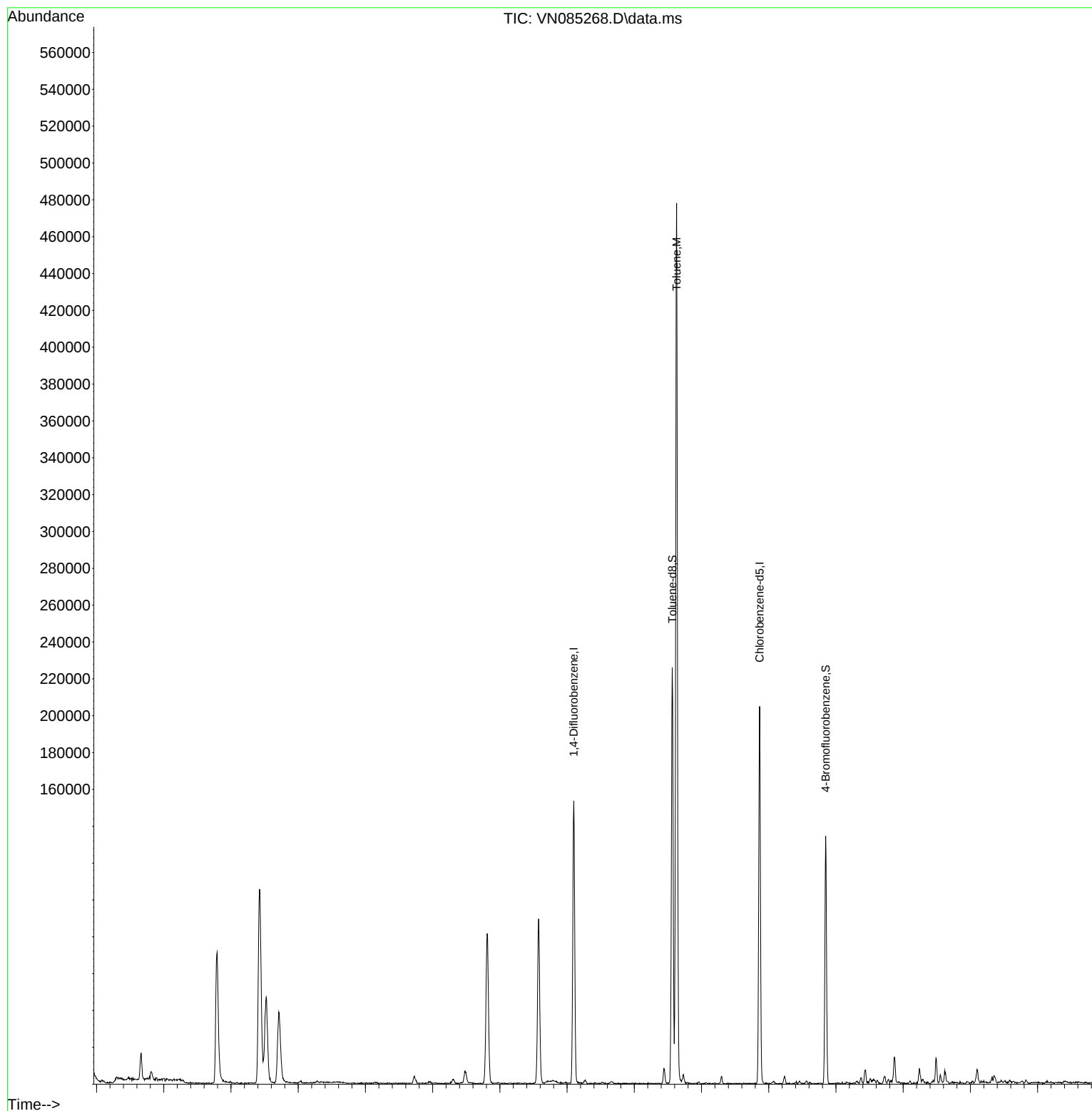
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|--------|-----------|
| -----                       |        |       |          |          |        |           |
| Internal Standards          |        |       |          |          |        |           |
| 1) Bromochloromethane       | 7.812  | 128   | 26278    | 30.000   | ug/l   | 0.00      |
| 28) 1,4-Difluorobenzene     | 9.100  | 114   | 117507   | 30.000   | ug/l   | 0.00      |
| 57) Chlorobenzene-d5        | 11.865 | 117   | 106486   | 30.000   | ug/l   | 0.00      |
|                             |        |       |          |          |        |           |
| System Monitoring Compounds |        |       |          |          |        |           |
| 27) 1,2-Dichloroethane-d4   | 8.576  | 65    | 72524    | 34.783   | ug/l   | 0.00      |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =      | 115.933%# |
| 60) 4-Bromofluorobenzene    | 12.847 | 95    | 43274    | 24.561   | ug/l   | 0.00      |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =      | 81.867%   |
| 63) Toluene-d8              | 10.565 | 98    | 147845   | 29.598   | ug/l   | 0.00      |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =      | 98.667%   |
|                             |        |       |          |          |        |           |
| Target Compounds            |        |       |          |          |        |           |
| 15) Acetone                 | 4.424  | 58    | 56978    | 268.209  | ug/l   | 83        |
| 30) 2-Butanone              | 7.482  | 43    | 11530    | 13.251   | ug/l # | 76        |
| 62) Toluene                 | 10.629 | 91    | 352042   | 56.687   | ug/l   | 97        |
| 82) p-Isopropyltoluene      | 13.723 | 119   | 2042     | 0.401    | ug/l   | 86        |
| -----                       |        |       |          |          |        |           |

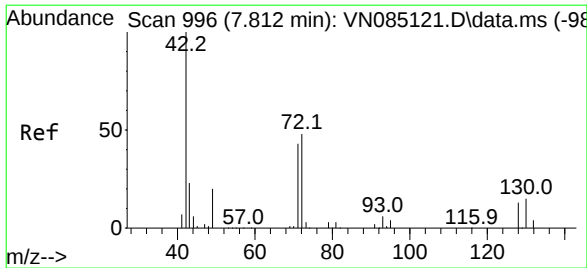
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P5328-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

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MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(DEC)

Quant Time: Dec 19 17:13:14 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N120624W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Dec 06 22:50:42 2024  
Response via : Initial Calibration

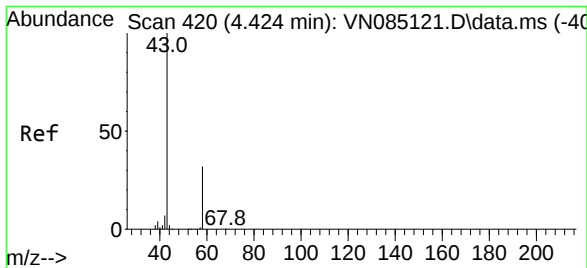
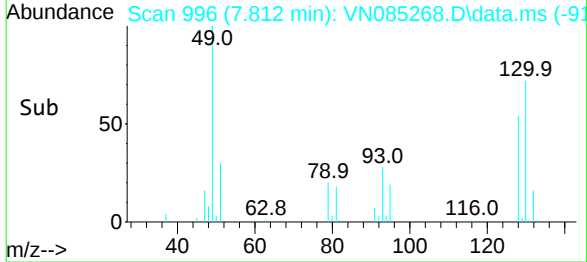
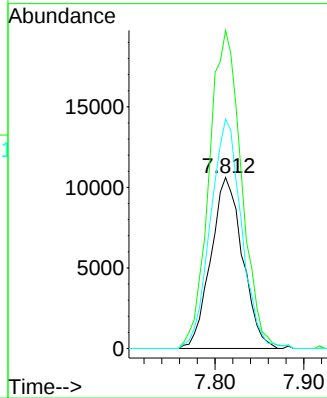
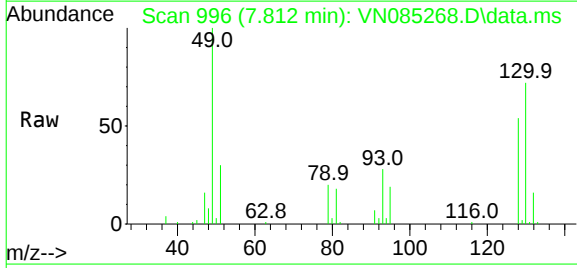




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.812 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: VN085268.D  
Acq: 19 Dec 2024 16:23

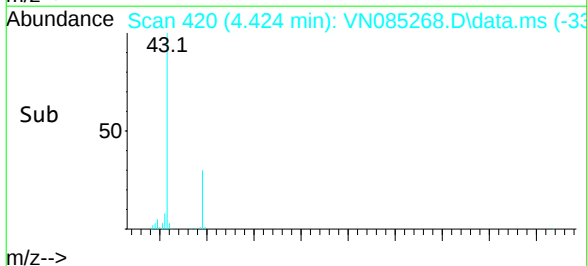
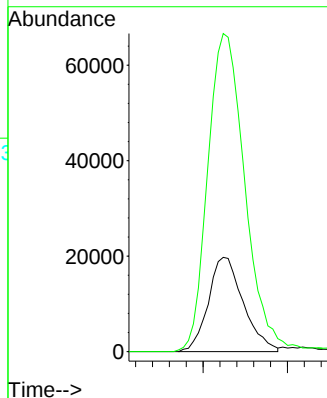
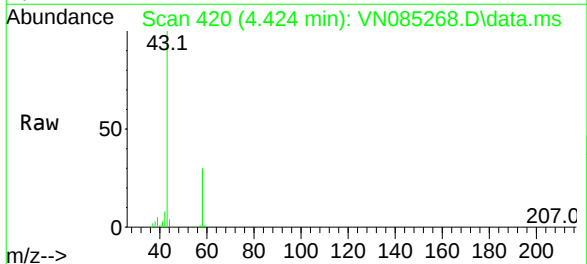
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(DEC)

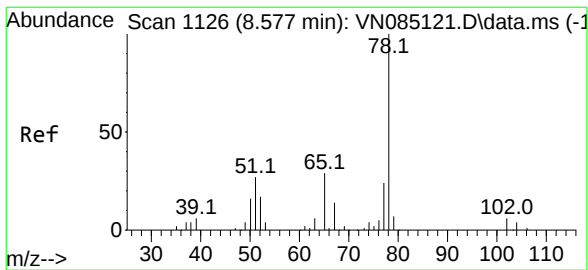
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 49      | 190.4 | 0.0   | 394.5 |
| 130     | 131.5 | 0.0   | 316.5 |



#15  
Acetone  
Concen: 268.209 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN085268.D  
Acq: 19 Dec 2024 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 58      | 100   |       |       |
| 43      | 335.8 | 242.3 | 363.5 |

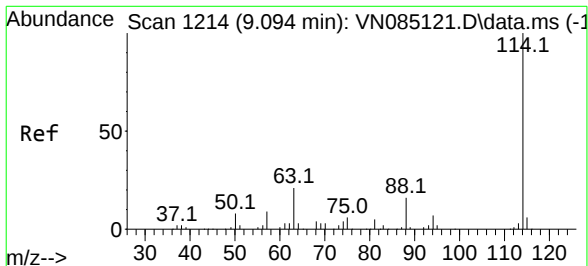
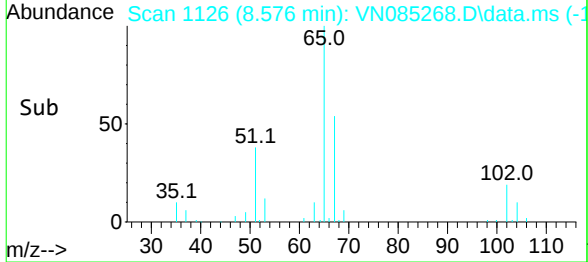
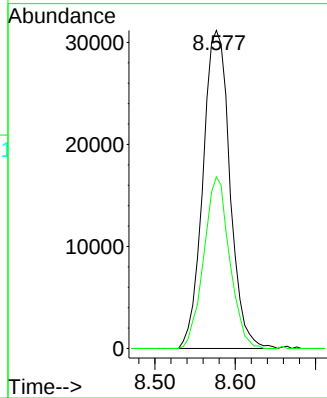
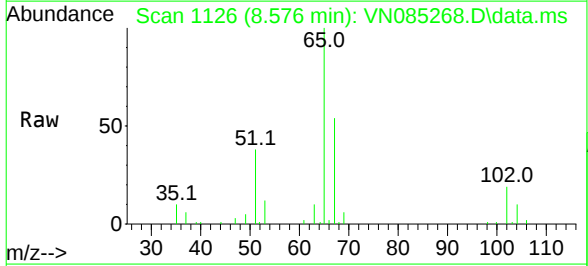




#27  
1,2-Dichloroethane-d4  
Concen: 34.783 ug/l  
RT: 8.576 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN085268.D  
Acq: 19 Dec 2024 16:23

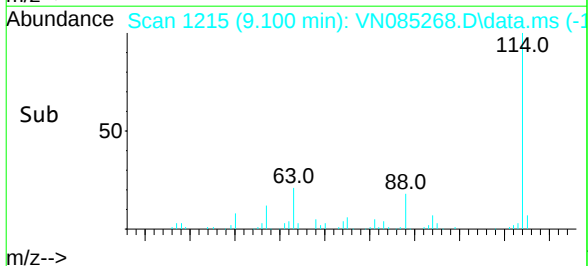
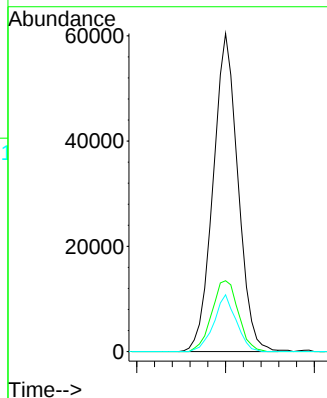
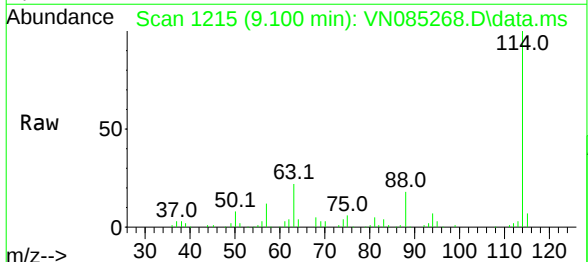
Instrument :  
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ClientSampleId :  
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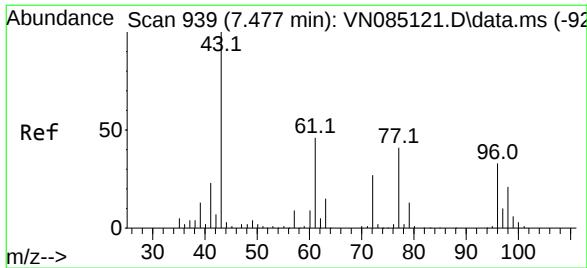
Tgt Ion: 65 Resp: 72524  
Ion Ratio Lower Upper  
65 100  
67 51.7 39.9 59.9



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. -0.000 min  
Lab File: VN085268.D  
Acq: 19 Dec 2024 16:23

Tgt Ion: 114 Resp: 117507  
Ion Ratio Lower Upper  
114 100  
63 23.7 16.2 24.2  
88 16.0 12.5 18.7

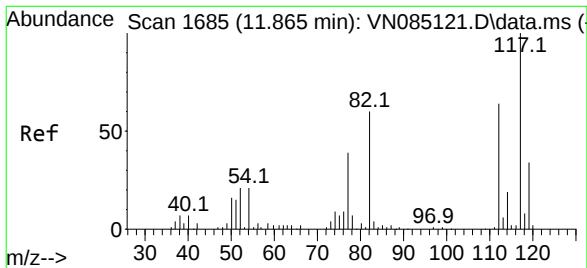
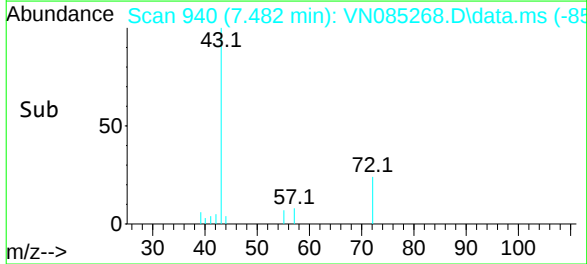
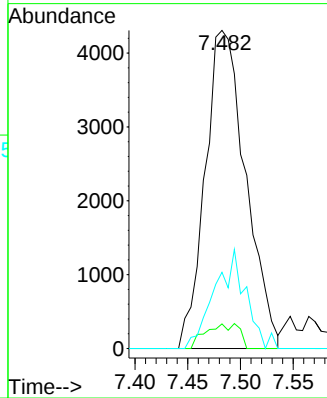
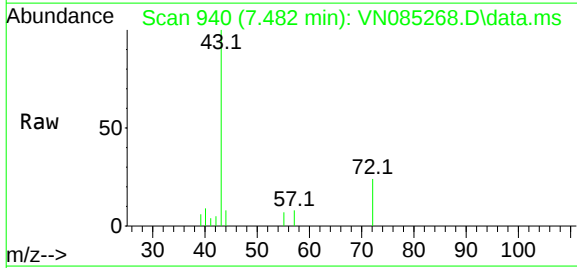




#30  
2-Butanone  
Concen: 13.251 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN085268.D  
Acq: 19 Dec 2024 16:23

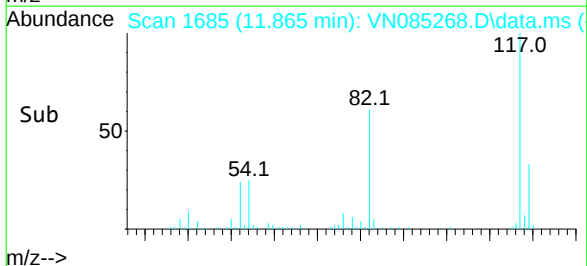
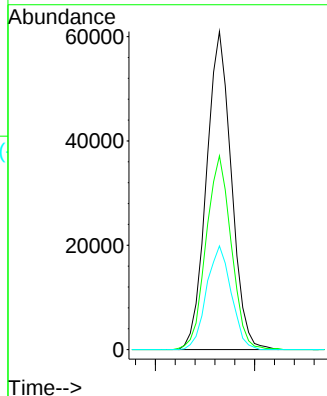
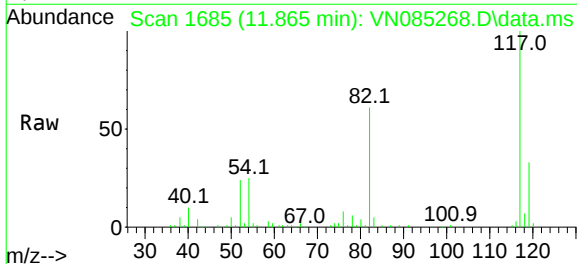
Instrument :  
MSVOA\_N  
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001-WILLETS-PT-BLVD(DEC)

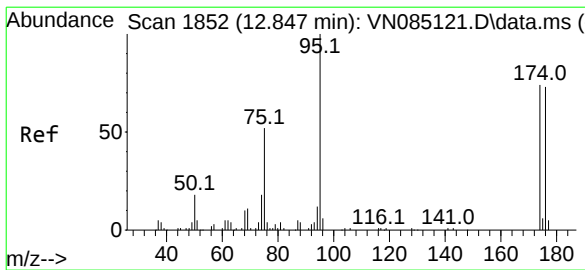
Tgt Ion: 43 Resp: 11530  
Ion Ratio Lower Upper  
43 100  
57 4.5 6.9 10.3#  
72 12.5 21.8 32.8#



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN085268.D  
Acq: 19 Dec 2024 16:23

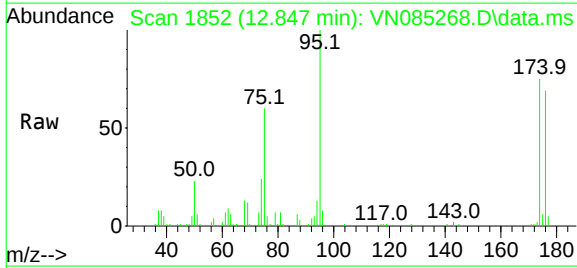
Tgt Ion: 117 Resp: 106486  
Ion Ratio Lower Upper  
117 100  
82 61.5 44.2 66.4  
119 32.3 25.4 38.2



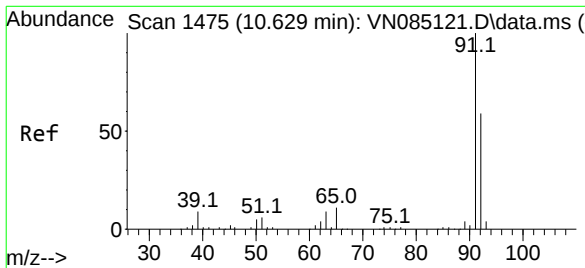
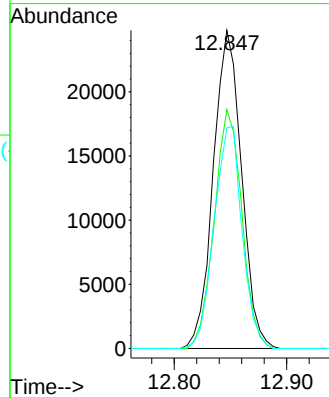
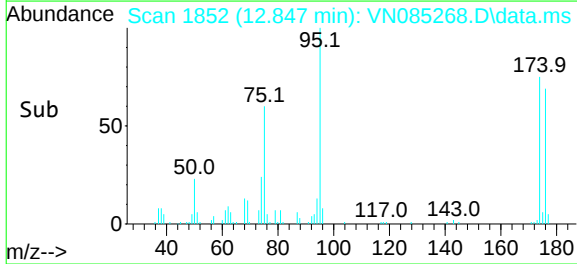


#60  
4-Bromofluorobenzene  
Concen: 24.561 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN085268.D  
Acq: 19 Dec 2024 16:23

Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(DEC)

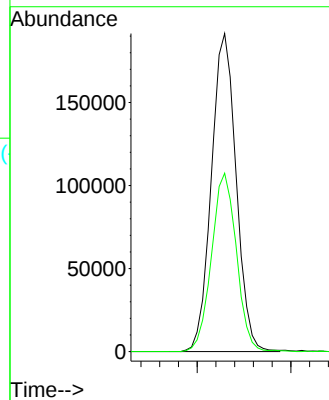
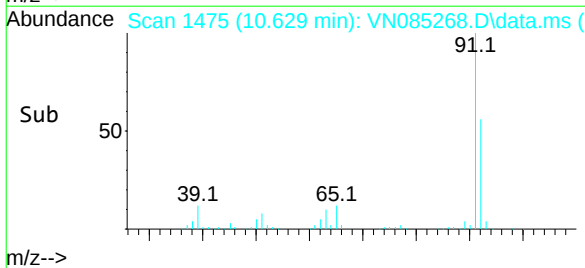
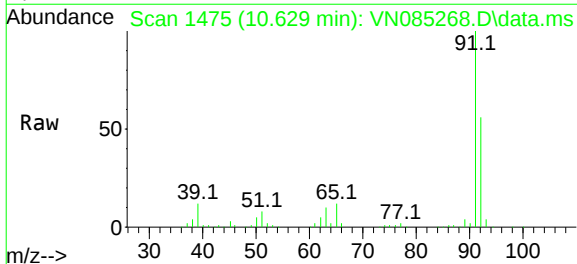


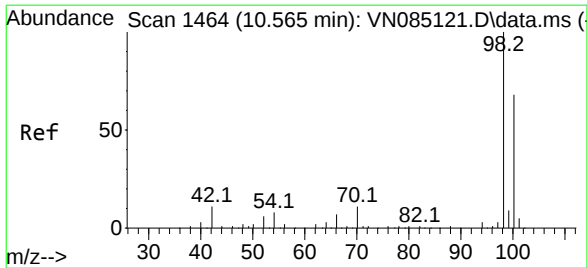
Tgt Ion: 95 Resp: 43274  
Ion Ratio Lower Upper  
95 100  
174 73.3 60.3 90.5  
176 69.4 57.4 86.0



#62  
Toluene  
Concen: 56.687 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN085268.D  
Acq: 19 Dec 2024 16:23

Tgt Ion: 91 Resp: 352042  
Ion Ratio Lower Upper  
91 100  
92 56.2 46.5 69.7





#63

Toluene-d8

Concen: 29.598 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN085268.D

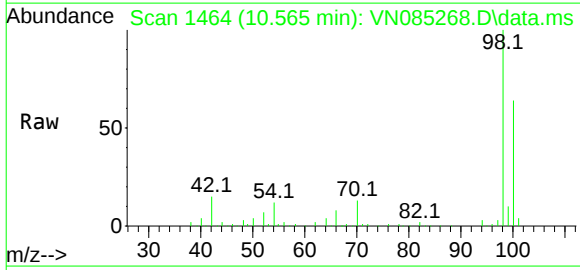
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Instrument :

MSVOA\_N

ClientSampleId :

001-WILLETS-PT-BLVD(DEC)

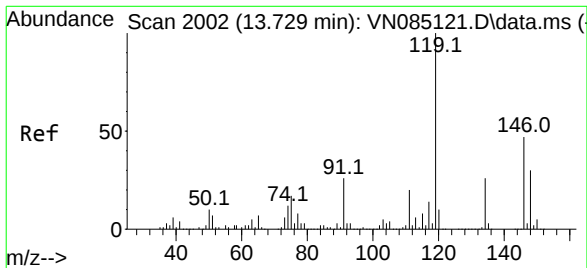
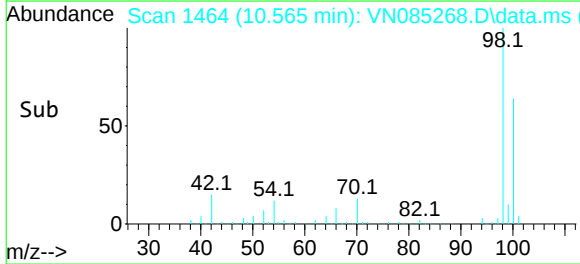
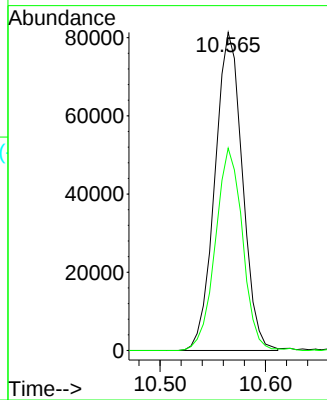


Tgt Ion: 98 Resp: 147845

Ion Ratio Lower Upper

98 100

100 62.6 52.0 78.0



#82

p-Isopropyltoluene

Concen: 0.401 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085268.D

Acq: 19 Dec 2024 16:23

Tgt Ion: 119 Resp: 2042

Ion Ratio Lower Upper

119 100

134 33.2 0.0 51.6

91 18.9 0.0 50.4

