

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061121\  
 Data File : VN067286.D  
 Acq On : 11 Jun 2021 14:17  
 Operator : JC/MD  
 Sample : M2674-02 20X  
 Misc : 5.07g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TMR-DS-02-060921

Manual Integrations  
 APPROVED

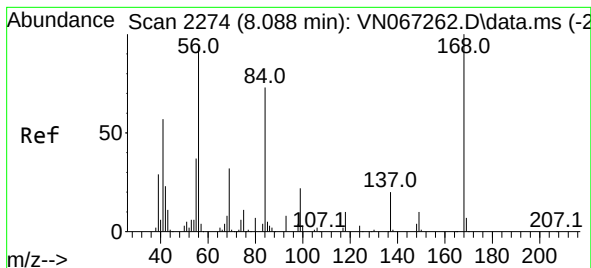
MMDadoda  
 6/14/2021 4:10:30 PM

Quant Time: Jun 12 04:26:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061021W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 11 05:27:41 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units | Dev(Min)  |
|-----------------------------|----------------|------|------------|----------|-------|-----------|
| -----                       |                |      |            |          |       |           |
| Internal Standards          |                |      |            |          |       |           |
| 1) Pentafluorobenzene       | 8.086          | 168  | 413696     | 50.000   | ug/l  | # 0.00    |
| 34) 1,4-Difluorobenzene     | 8.968          | 114  | 747083     | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.746         | 117  | 701273     | 50.000   | ug/l  | # 0.00    |
| 72) 1,4-Dichlorobenzene-d4  | 13.675         | 152  | 325670     | 50.000   | ug/l  | # 0.00    |
|                             |                |      |            |          |       |           |
| System Monitoring Compounds |                |      |            |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.440          | 65   | 368340     | 47.106   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 94.220%  |       |           |
| 35) Dibromofluoromethane    | 8.021          | 113  | 236976     | 49.778   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 99.560%  |       |           |
| 50) Toluene-d8              | 10.443         | 98   | 952230     | 50.898   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 101.800% |       |           |
| 62) 4-Bromofluorobenzene    | 12.733         | 95   | 398936     | 51.242   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 102.480% |       |           |
|                             |                |      |            |          |       |           |
| Target Compounds            |                |      |            |          |       |           |
| 16) Acetone                 | 4.301          | 43   | 20656      | 6.542    | ug/l  | Qvalue 91 |
| 18) Methyl Acetate          | 4.856          | 43   | 579452     | 65.932   | ug/l  | # 89      |
| 25) 2-Butanone              | 7.351          | 43   | 27860      | 5.784    | ug/l  | 95        |
| 29) Tetrahydrofuran         | 7.705          | 42   | 5477m      | 2.017    | ug/l  |           |
| 52) Toluene                 | 10.507         | 92   | 51760      | 3.635    | ug/l  | 97        |
| 67) Ethyl Benzene           | 11.846         | 91   | 55963      | 1.914    | ug/l  | 92        |
| 68) m/p-Xylenes             | 11.953         | 106  | 53533      | 5.085    | ug/l  | 76        |
| 69) o-Xylene                | 12.280         | 106  | 30694      | 2.972    | ug/l  | 76        |
| 84) 1,2,4-Trimethylbenzene  | 13.369         | 105  | 87463      | 3.408    | ug/l  | 91        |
| -----                       |                |      |            |          |       |           |

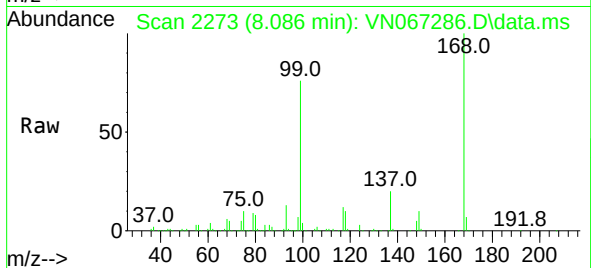
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.002 min  
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Acq: 11 Jun 2021 14:17

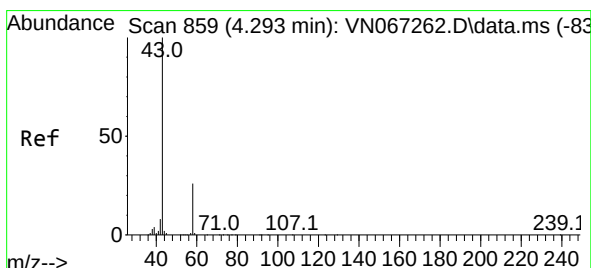
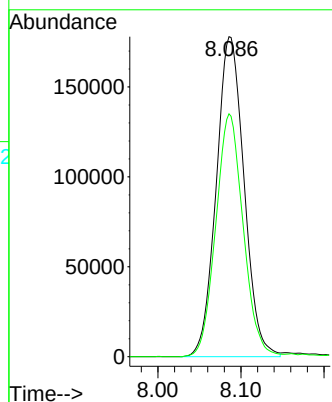
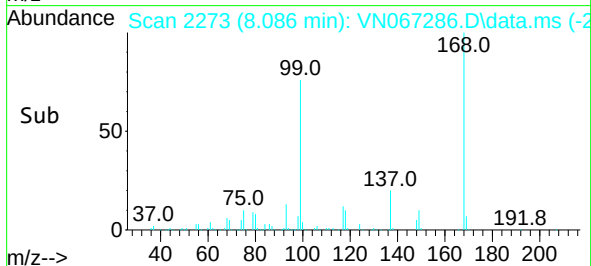
Instrument :  
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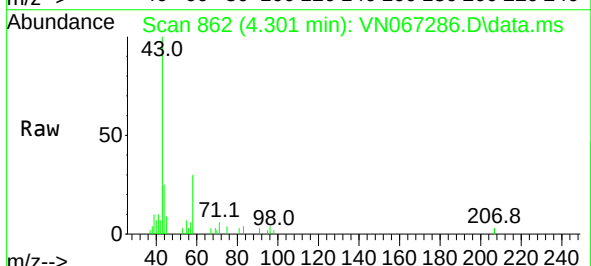
Tgt Ion:168 Resp: 413696  
Ion Ratio Lower Upper  
168 100  
99 75.9 38.5 57.7#

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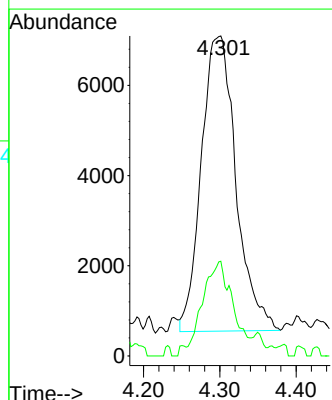
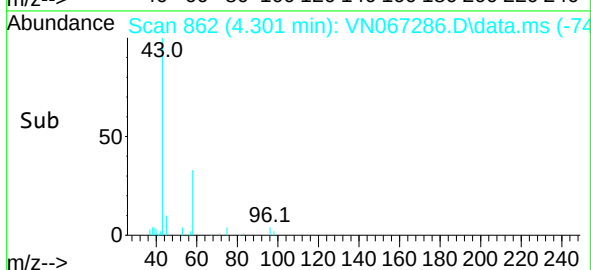
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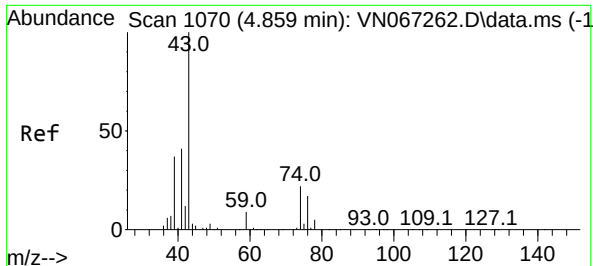


#16  
Acetone  
Concen: 6.542 ug/l  
RT: 4.301 min Scan# 862  
Delta R.T. 0.008 min  
Lab File: VN067286.D  
Acq: 11 Jun 2021 14:17



Tgt Ion: 43 Resp: 20656  
Ion Ratio Lower Upper  
43 100  
58 28.9 27.2 40.8





#18

Methyl Acetate

Concen: 65.932 ug/l

RT: 4.856 min Scan# 1069

Delta R.T. -0.003 min

Lab File: VN067286.D

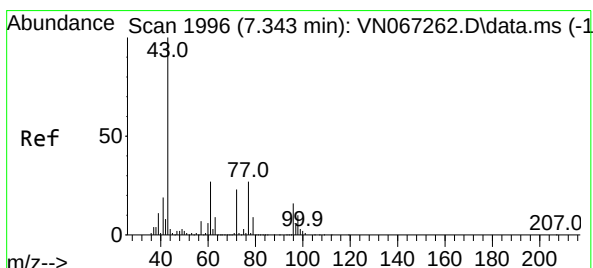
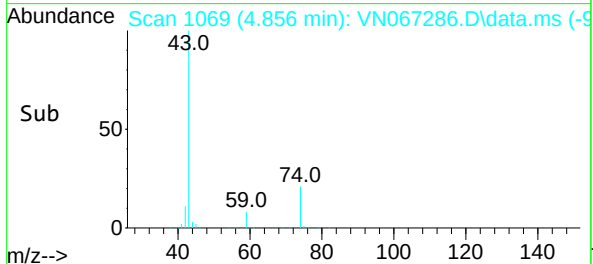
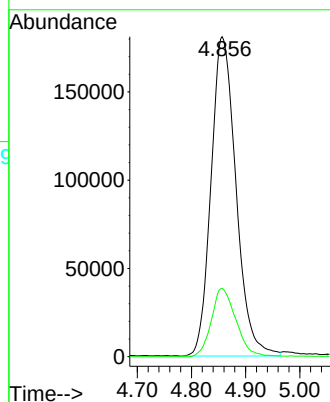
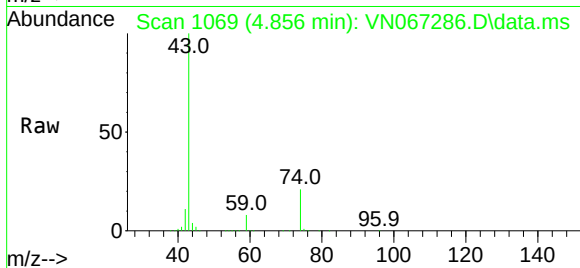
Acq: 11 Jun 2021 14:17

Tgt Ion: 43 Resp: 579452

Ion Ratio Lower Upper

43 100

74 21.1 21.4 32.2#



#25

2-Butanone

Concen: 5.784 ug/l

RT: 7.351 min Scan# 1999

Delta R.T. 0.008 min

Lab File: VN067286.D

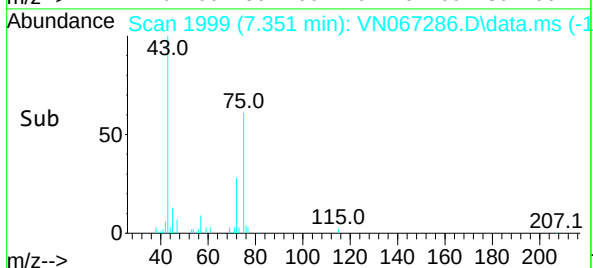
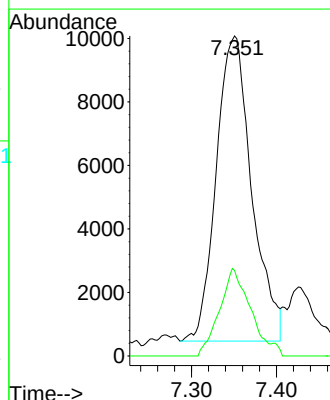
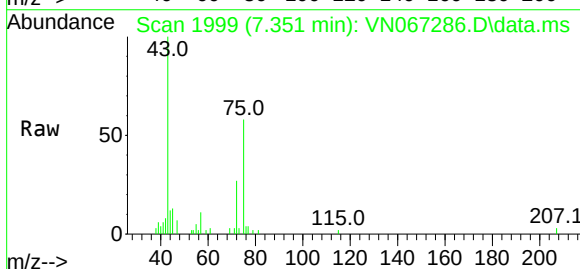
Acq: 11 Jun 2021 14:17

Tgt Ion: 43 Resp: 27860

Ion Ratio Lower Upper

43 100

72 28.0 24.4 36.6



Instrument :

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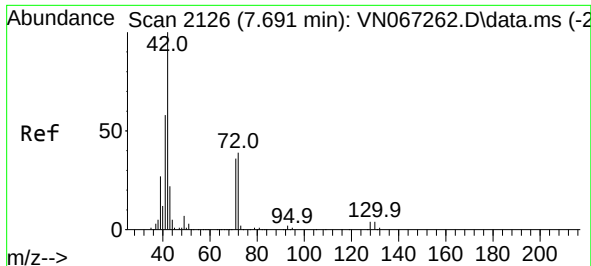
ClientSampleId :

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#29

Tetrahydrofuran

Concen: 2.017 ug/l m

RT: 7.705 min Scan# 2131

Delta R.T. 0.013 min

Lab File: VN067286.D

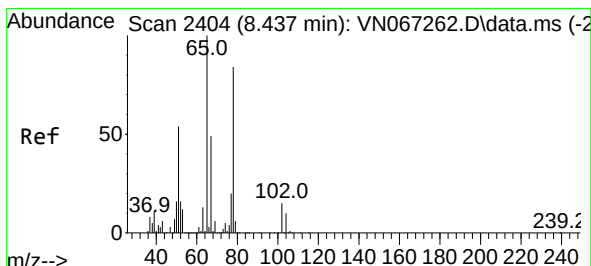
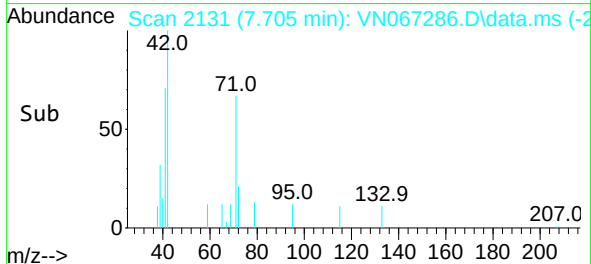
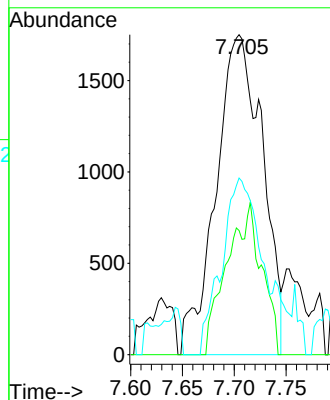
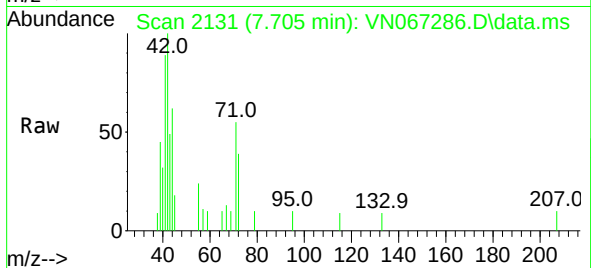
Acq: 11 Jun 2021 14:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 5477  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 17.6  | 40.1  | 60.1# |
| 71       | 45.0  | 37.9  | 56.9  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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#33

1,2-Dichloroethane-d4

Concen: 47.106 ug/l

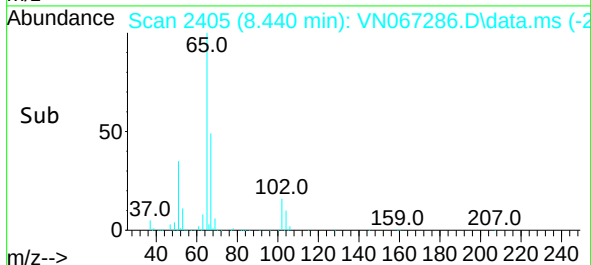
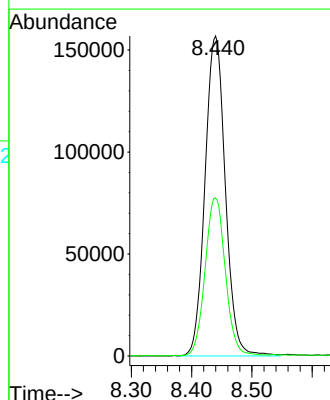
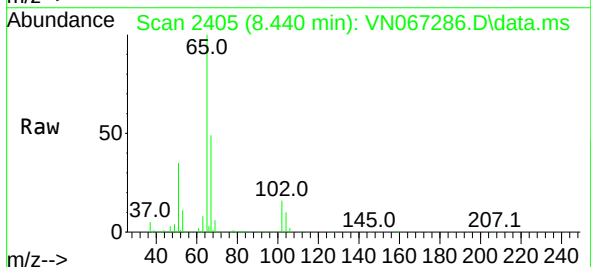
RT: 8.440 min Scan# 2405

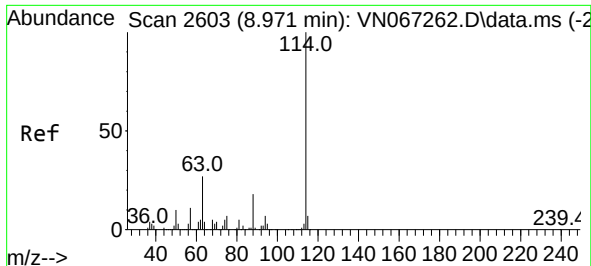
Delta R.T. 0.003 min

Lab File: VN067286.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 368340 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 49.0  | 0.0   | 110.4  |





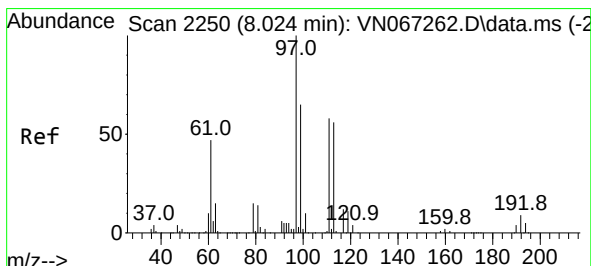
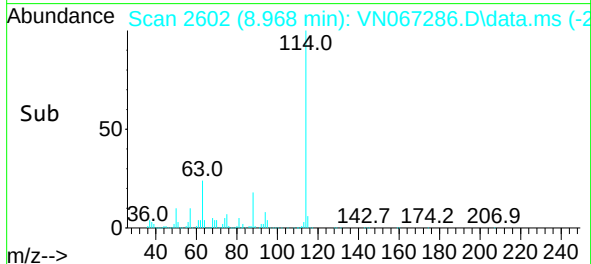
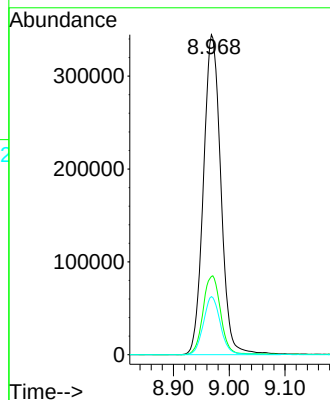
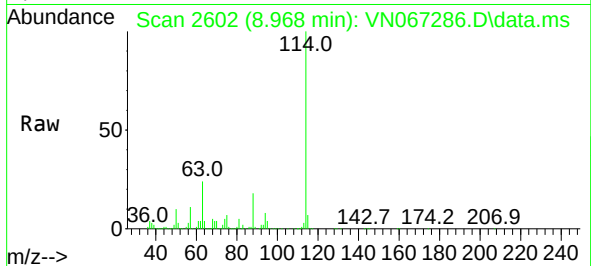
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. -0.003 min  
Lab File: VN067286.D  
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Tgt Ion:114 Resp: 747083  
Ion Ratio Lower Upper  
114 100  
63 24.4 0.0 35.8  
88 18.2 0.0 30.4

Instrument :  
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ClientSampleId :  
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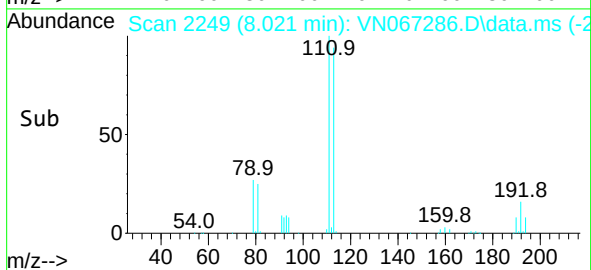
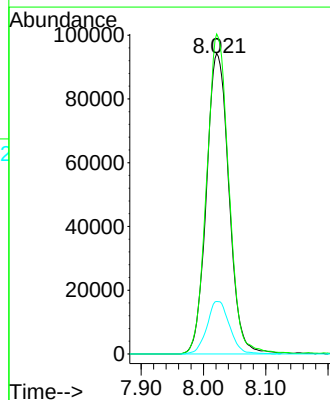
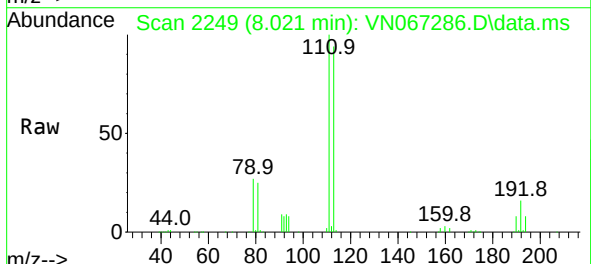
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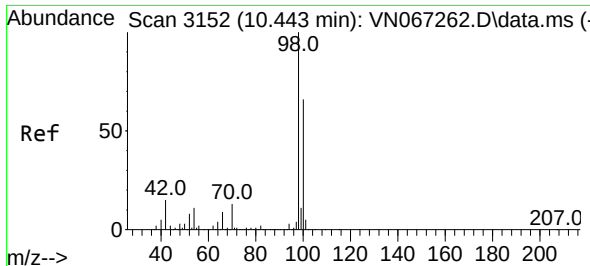
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#35  
Dibromofluoromethane  
Concen: 49.778 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. -0.003 min  
Lab File: VN067286.D  
Acq: 11 Jun 2021 14:17

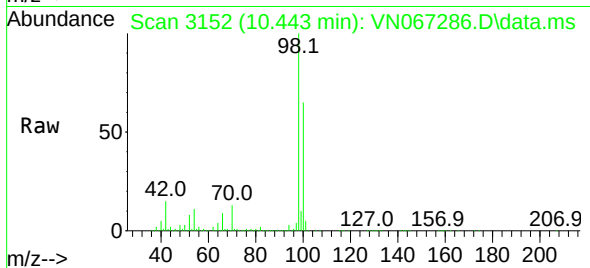
Tgt Ion:113 Resp: 236976  
Ion Ratio Lower Upper  
113 100  
111 104.8 82.6 124.0  
192 17.5 18.2 27.4#





#50  
Toluene-d8  
Concen: 50.898 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN067286.D  
Acq: 11 Jun 2021 14:17

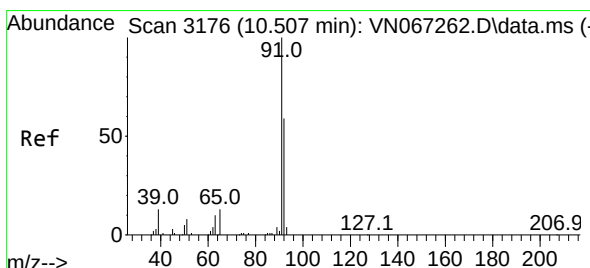
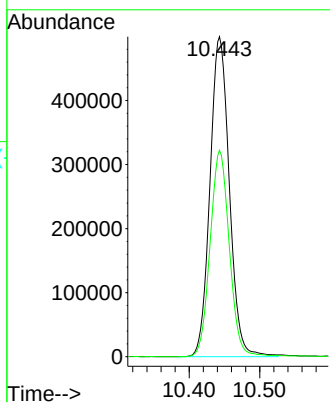
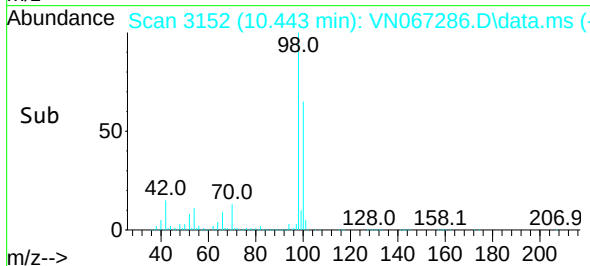
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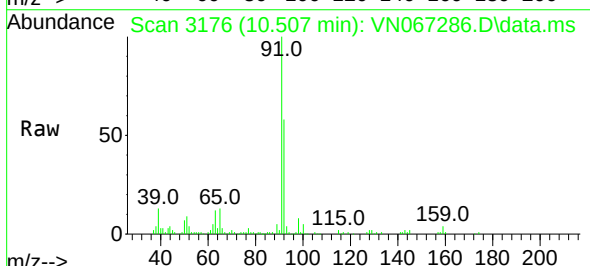
Tgt Ion: 98 Resp: 952230  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.8 77.8

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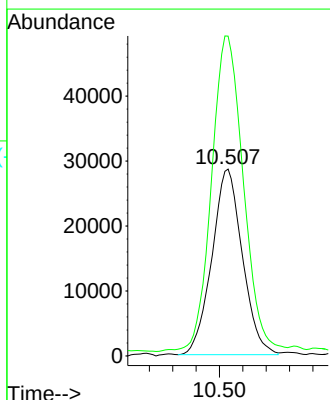
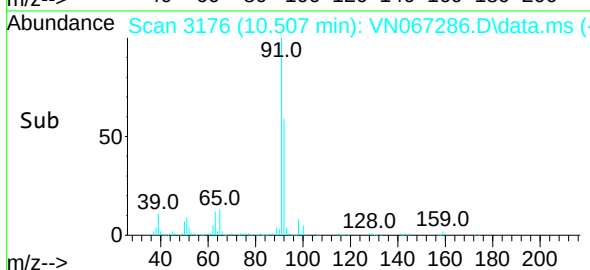
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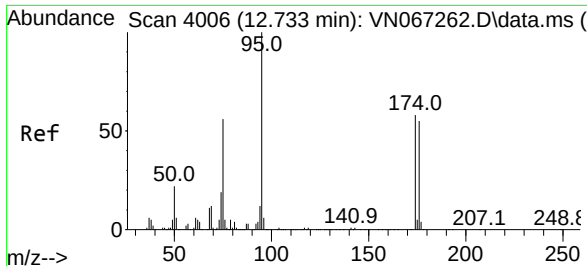


#52  
Toluene  
Concen: 3.635 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. -0.000 min  
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Tgt Ion: 92 Resp: 51760  
Ion Ratio Lower Upper  
92 100  
91 177.2 138.7 208.1





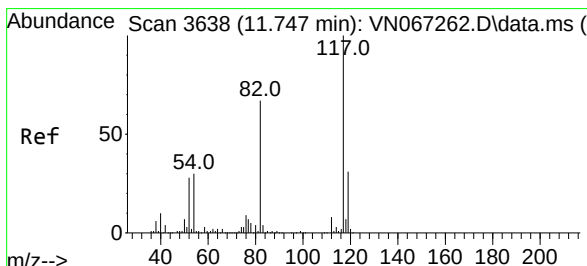
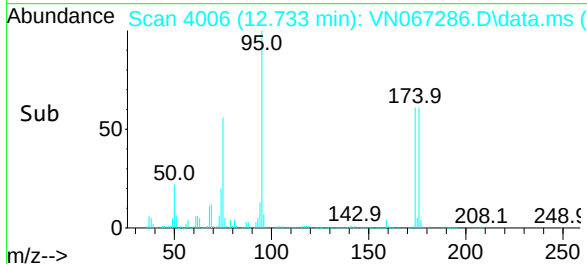
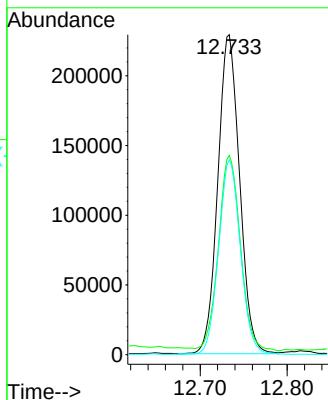
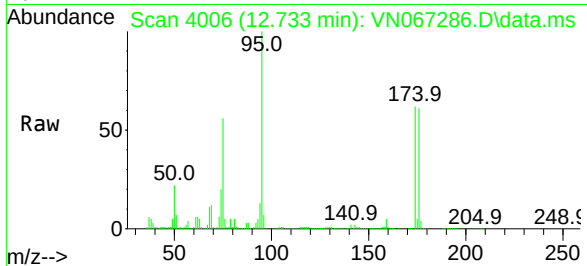
#62  
4-Bromofluorobenzene  
Concen: 51.242 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.000 min  
Lab File: VN067286.D  
Acq: 11 Jun 2021 14:17

Tgt Ion: 95 Resp: 398936  
Ion Ratio Lower Upper  
95 100  
174 61.7 0.0 182.8  
176 60.9 0.0 176.6

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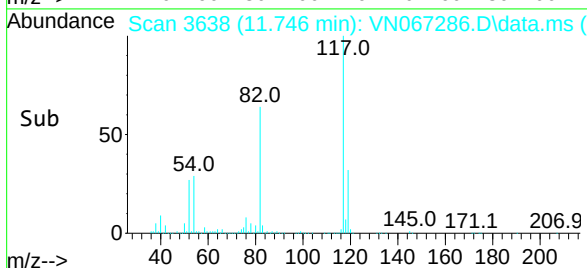
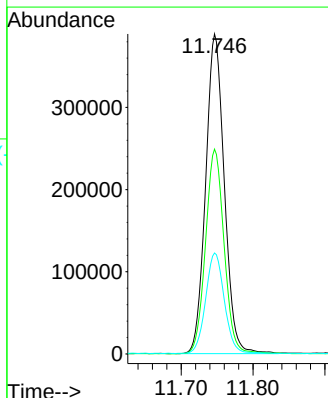
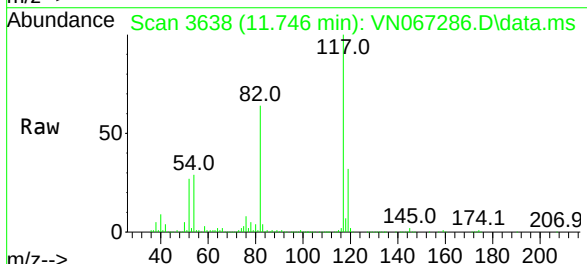
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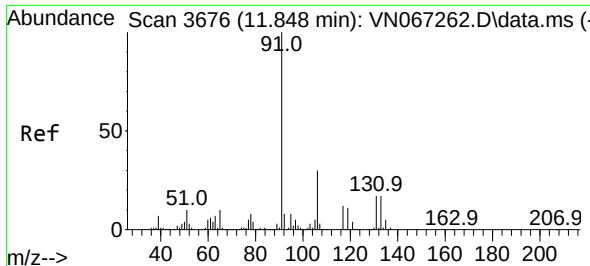


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN067286.D  
Acq: 11 Jun 2021 14:17

Tgt Ion: 117 Resp: 701273  
Ion Ratio Lower Upper  
117 100  
82 64.0 42.2 63.2#  
119 31.4 25.8 38.6

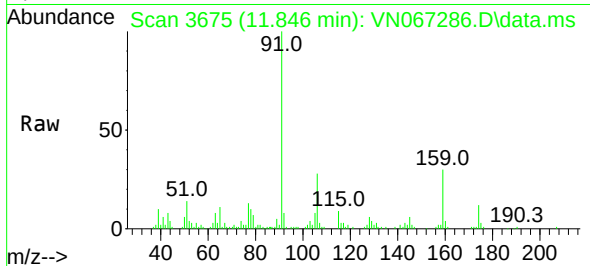






#67  
Ethyl Benzene  
Concen: 1.914 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.003 min  
Lab File: VN067286.D  
Acq: 11 Jun 2021 14:17

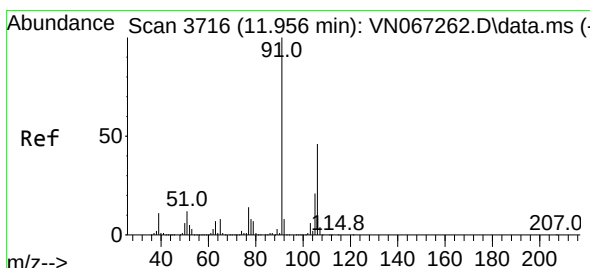
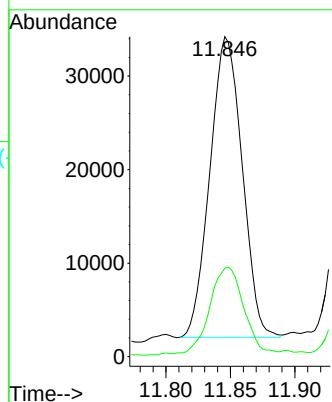
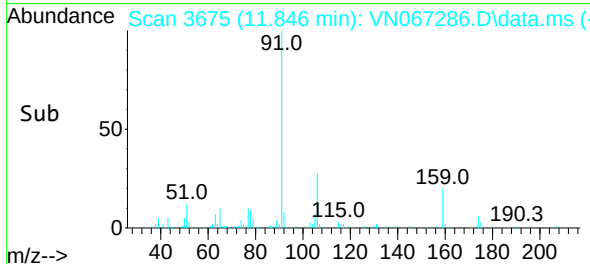
Instrument :  
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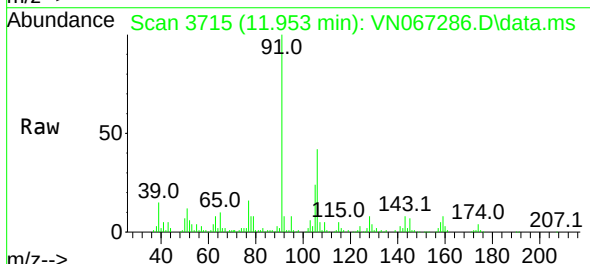
Tgt Ion: 91 Resp: 55963  
Ion Ratio Lower Upper  
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106 28.1 26.2 39.2

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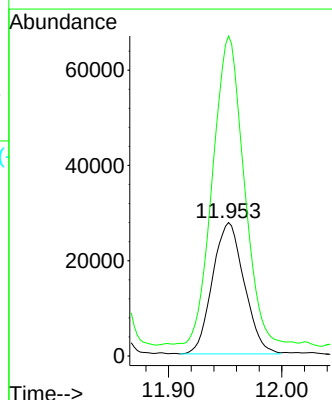
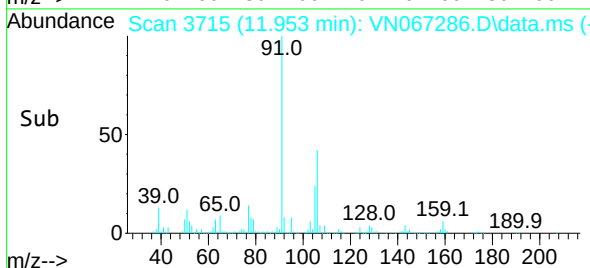
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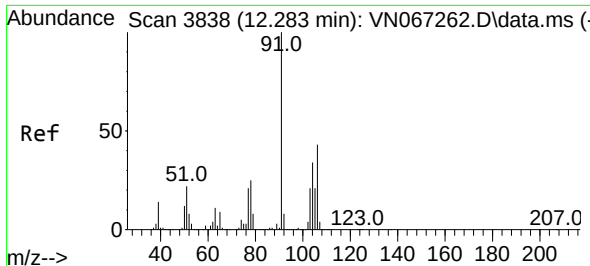


#68  
m/p-Xylenes  
Concen: 5.085 ug/l  
RT: 11.953 min Scan# 3715  
Delta R.T. -0.003 min  
Lab File: VN067286.D  
Acq: 11 Jun 2021 14:17



Tgt Ion: 106 Resp: 53533  
Ion Ratio Lower Upper  
106 100  
91 229.0 155.2 232.8





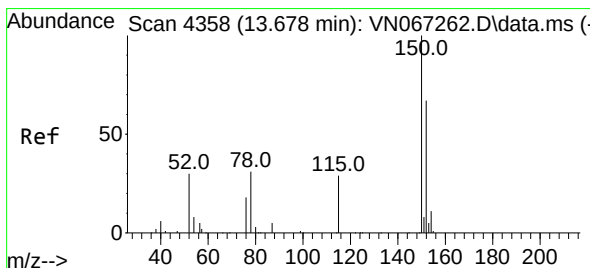
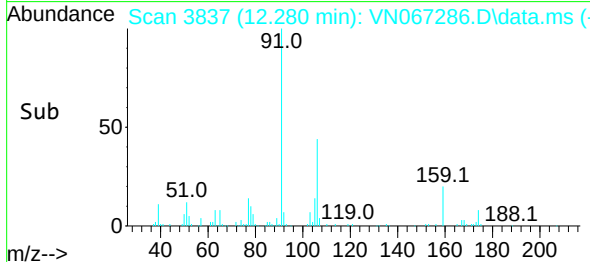
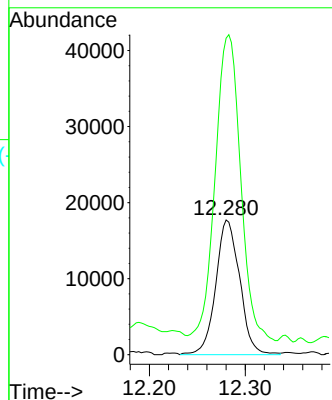
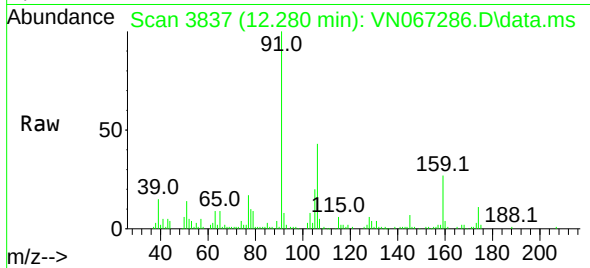
#69  
o-Xylene  
Concen: 2.972 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. -0.003 min  
Lab File: VN067286.D  
Acq: 11 Jun 2021 14:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
TMR-DS-02-060921

Tgt Ion:106 Resp: 30694  
Ion Ratio Lower Upper  
106 100  
91 241.8 102.3 306.8

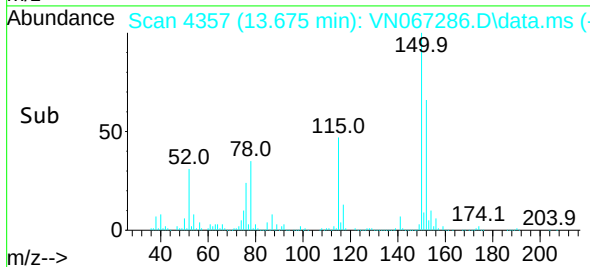
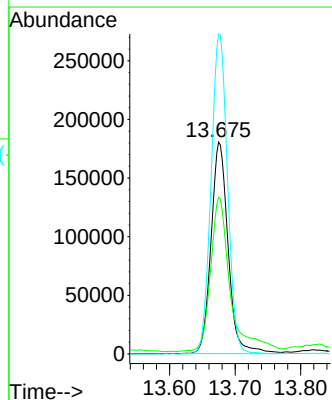
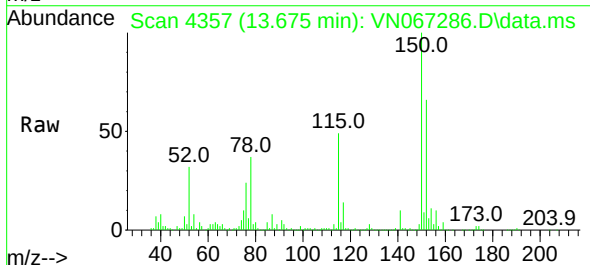
Manual Integrations  
APPROVED

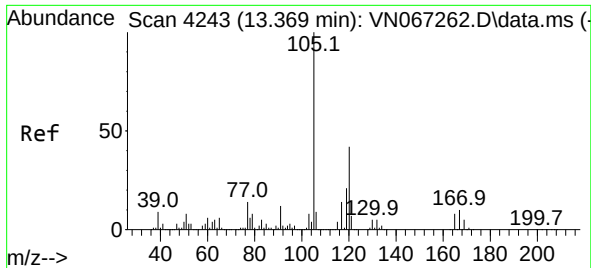
MMDadoda  
6/14/2021 4:10:30 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.003 min  
Lab File: VN067286.D  
Acq: 11 Jun 2021 14:17

Tgt Ion:152 Resp: 325670  
Ion Ratio Lower Upper  
152 100  
115 84.4 27.0 80.8#  
150 145.5 0.0 350.2





#84  
 1,2,4-Trimethylbenzene  
 Concen: 3.408 ug/l  
 RT: 13.369 min Scan# 4243  
 Delta R.T. -0.000 min  
 Lab File: VN067286.D  
 Acq: 11 Jun 2021 14:17

Tgt Ion:105 Resp: 87463  
 Ion Ratio Lower Upper  
 105 100  
 120 41.5 23.8 71.2

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TMR-DS-02-060921

Manual Integrations  
 APPROVED

MMDadoda  
 6/14/2021 4:10:30 PM

