

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011022\  
 Data File : VN070545.D  
 Acq On : 10 Jan 2022 16:03  
 Operator : JC/MD  
 Sample : N1037-03 10X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 NWB-1542

Quant Time: Jan 10 17:27:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

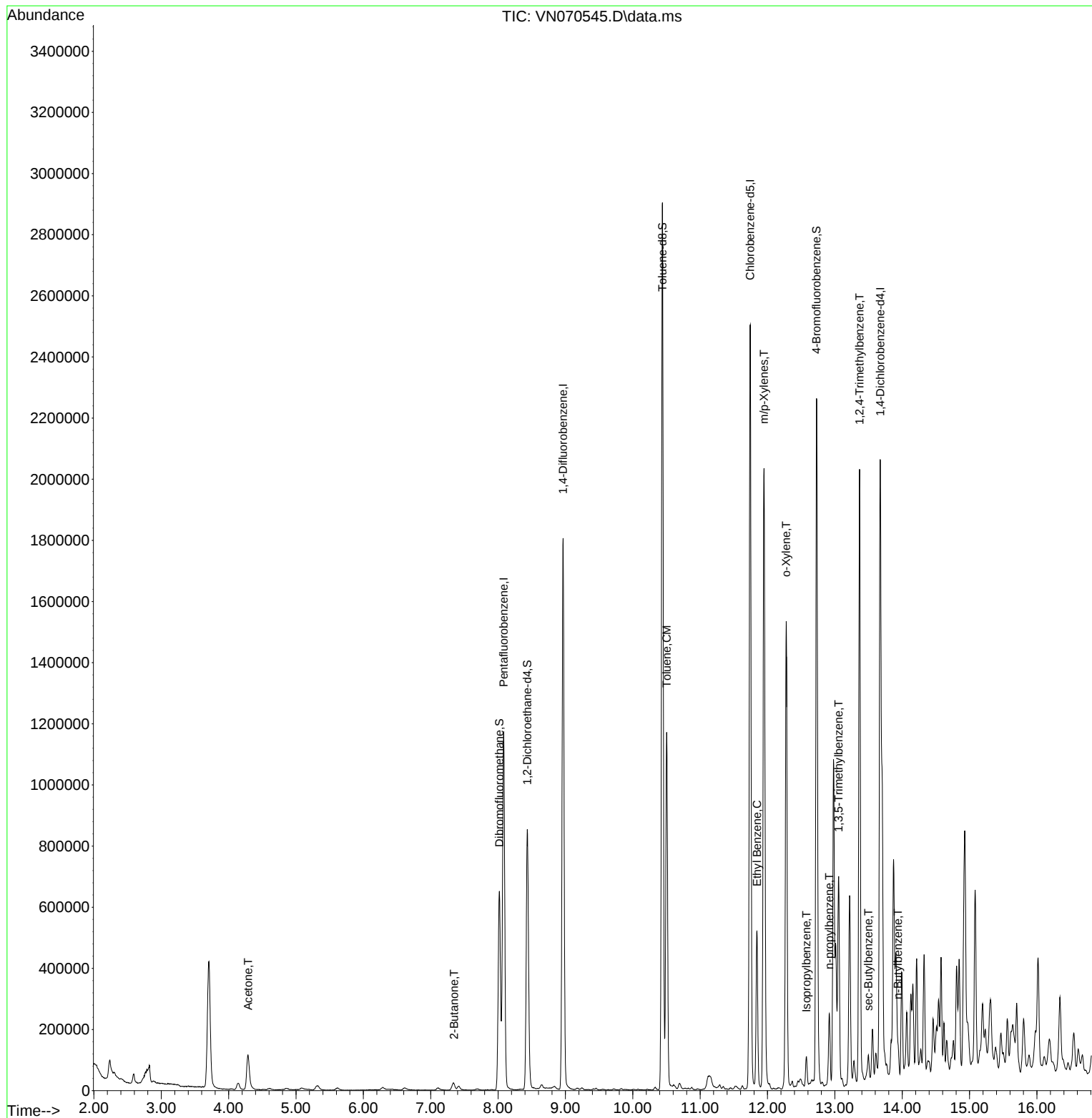
| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 8.083          | 168  | 911815              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.965          | 114  | 1547549             | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.744         | 117  | 1462656             | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.675         | 152  | 561880              | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.434          | 65   | 695131              | 53.022 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 106.040% |        |        |          |
| 35) Dibromofluoromethane    | 8.018          | 113  | 487813              | 52.098 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 104.200% |        |        |          |
| 50) Toluene-d8              | 10.440         | 98   | 2010659             | 52.565 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 105.140% |        |        |          |
| 62) 4-Bromofluorobenzene    | 12.728         | 95   | 822771              | 59.555 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 119.100% |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        |        |          |
| 16) Acetone                 | 4.288          | 43   | 217898              | 25.603 | ug/l   | 99       |
| 25) 2-Butanone              | 7.345          | 43   | 30929               | 2.886  | ug/l # | 88       |
| 52) Toluene                 | 10.502         | 92   | 506669              | 17.627 | ug/l   | 98       |
| 67) Ethyl Benzene           | 11.843         | 91   | 374682              | 6.589  | ug/l   | 98       |
| 68) m/p-Xylenes             | 11.948         | 106  | 626635              | 30.275 | ug/l   | 92       |
| 69) o-Xylene                | 12.277         | 106  | 414287              | 20.123 | ug/l   | 92       |
| 73) Isopropylbenzene        | 12.578         | 105  | 63912               | 1.225  | ug/l   | 100      |
| 78) n-propylbenzene         | 12.918         | 91   | 195631              | 3.384  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene  | 13.055         | 105  | 322445              | 7.711  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene  | 13.366         | 105  | 1142967             | 28.387 | ug/l   | 98       |
| 85) sec-Butylbenzene        | 13.498         | 105  | 52479               | 1.050  | ug/l   | 90       |
| 89) n-Butylbenzene          | 13.938         | 91   | 52863               | 1.614  | ug/l # | 77       |
| -----                       |                |      |                     |        |        |          |

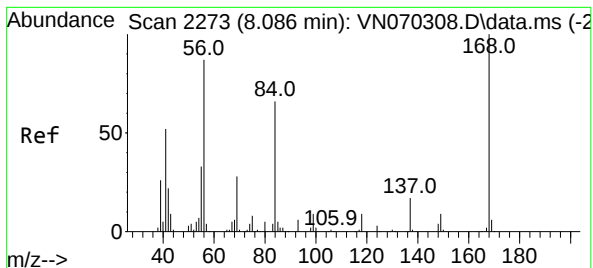
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011022\  
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Instrument :  
MSVOA\_N  
ClientSampleId :  
NWB-1542

Quant Time: Jan 10 17:27:41 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 27 18:47:12 2021  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.083 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070545.D

Acq: 10 Jan 2022 16:03

Instrument :

MSVOA\_N

ClientSampleId :

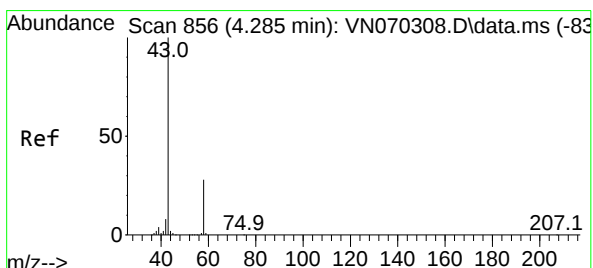
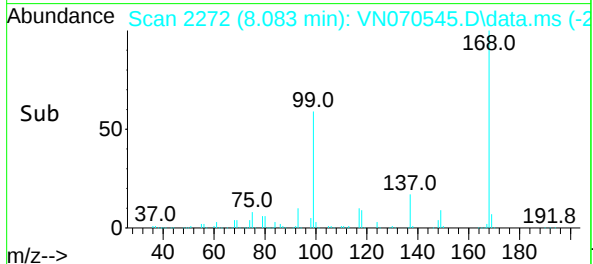
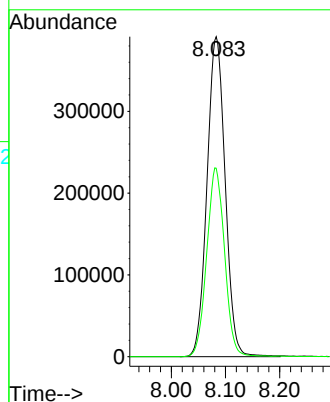
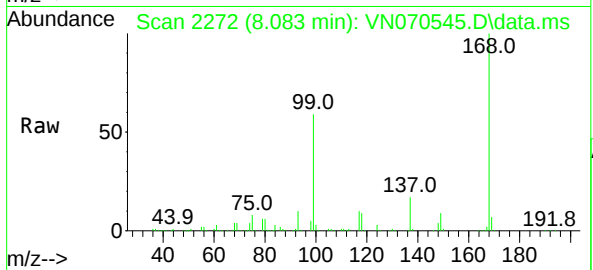
NWB-1542

Tgt Ion:168 Resp: 911815

Ion Ratio Lower Upper

168 100

99 58.9 41.3 61.9



#16

Acetone

Concen: 25.603 ug/l

RT: 4.288 min Scan# 857

Delta R.T. 0.003 min

Lab File: VN070545.D

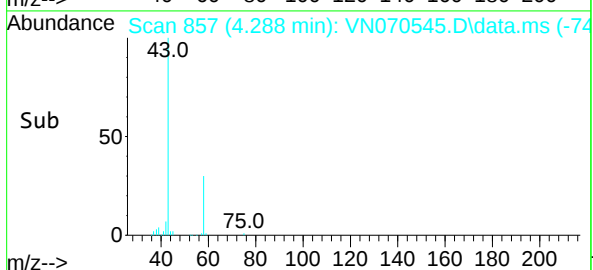
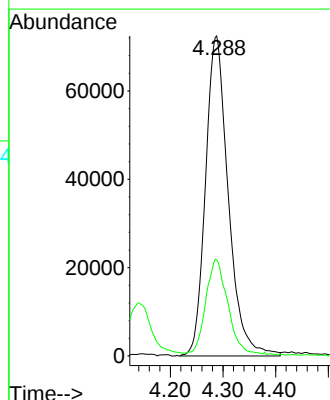
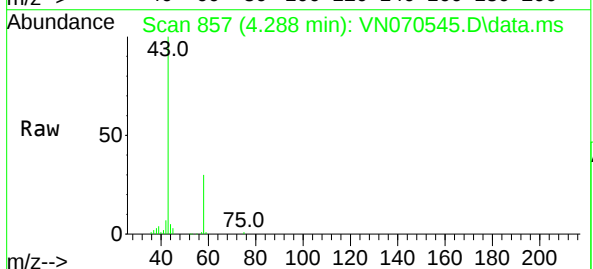
Acq: 10 Jan 2022 16:03

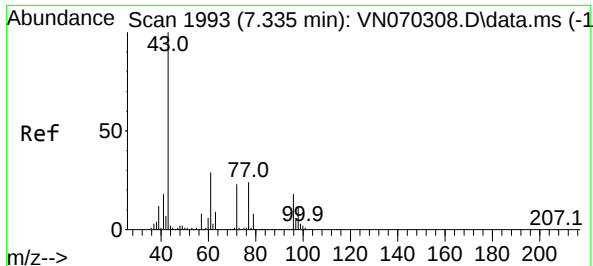
Tgt Ion: 43 Resp: 217898

Ion Ratio Lower Upper

43 100

58 29.5 23.1 34.7





#25

2-Butanone

Concen: 2.886 ug/l

RT: 7.345 min Scan# 1993

Delta R.T. 0.010 min

Lab File: VN070545.D

Acq: 10 Jan 2022 16:03

Instrument :

MSVOA\_N

ClientSampleId :

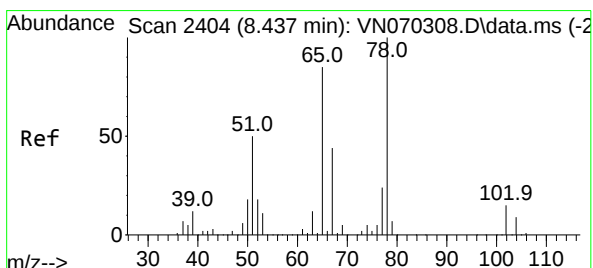
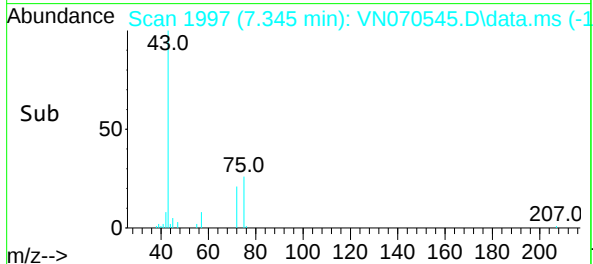
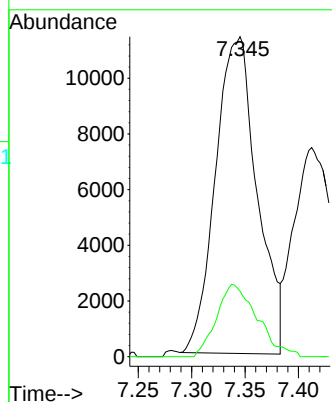
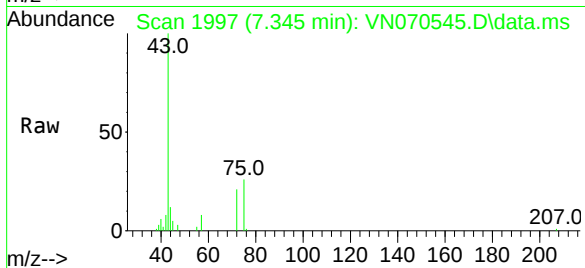
NWB-1542

Tgt Ion: 43 Resp: 30929

Ion Ratio Lower Upper

43 100

72 20.8 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 53.022 ug/l

RT: 8.434 min Scan# 2403

Delta R.T. -0.003 min

Lab File: VN070545.D

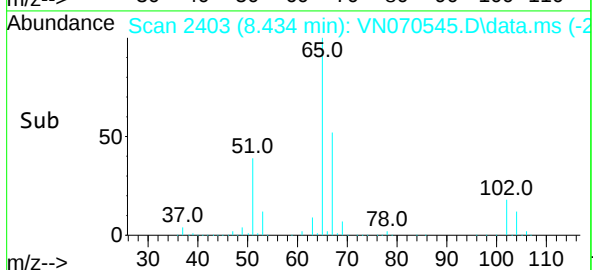
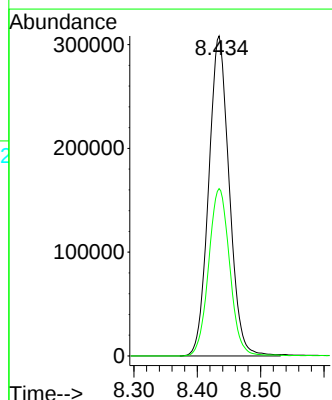
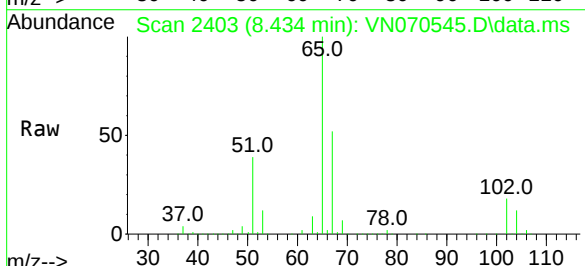
Acq: 10 Jan 2022 16:03

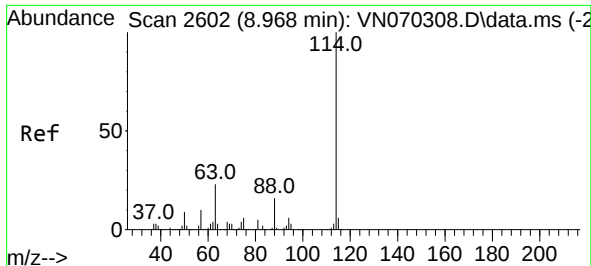
Tgt Ion: 65 Resp: 695131

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.0

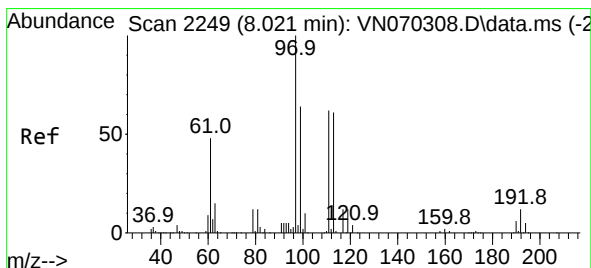
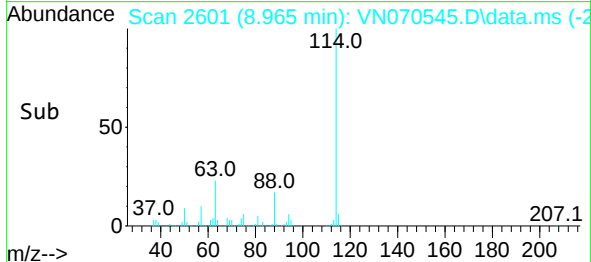
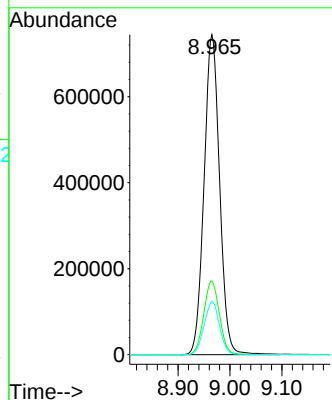
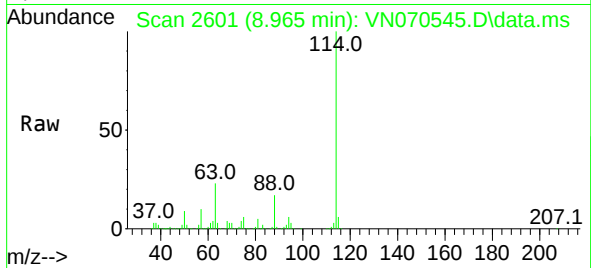




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.965 min Scan# 2071  
Delta R.T. -0.003 min  
Lab File: VN070545.D  
Acq: 10 Jan 2022 16:03

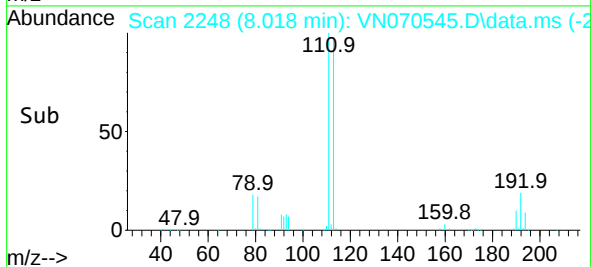
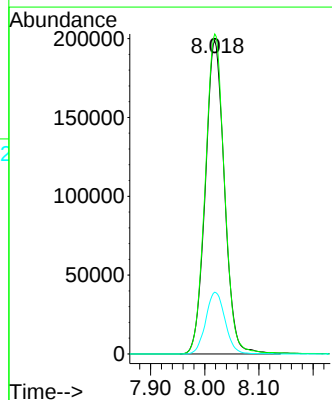
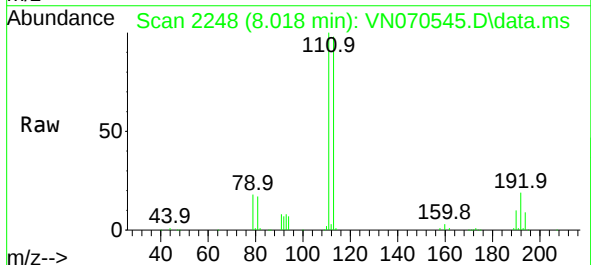
Instrument :  
MSVOA\_N  
ClientSampleId :  
NWB-1542

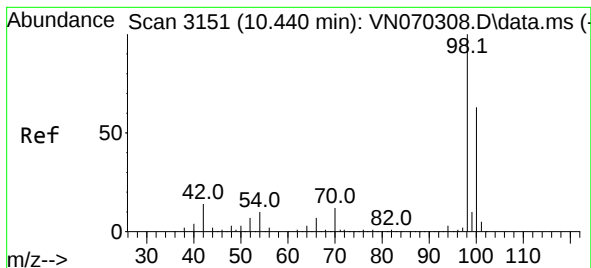
Tgt Ion:114 Resp: 1547549  
Ion Ratio Lower Upper  
114 100  
63 23.0 0.0 37.8  
88 16.7 0.0 27.4



#35  
Dibromofluoromethane  
Concen: 52.098 ug/l  
RT: 8.018 min Scan# 2248  
Delta R.T. -0.003 min  
Lab File: VN070545.D  
Acq: 10 Jan 2022 16:03

Tgt Ion:113 Resp: 487813  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.2 123.2  
192 19.9 16.9 25.3





#50

Toluene-d8

Concen: 52.565 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070545.D

Acq: 10 Jan 2022 16:03

Instrument :

MSVOA\_N

ClientSampleId :

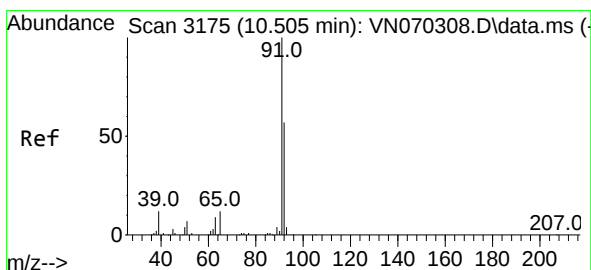
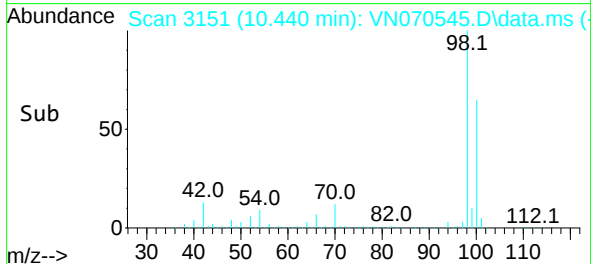
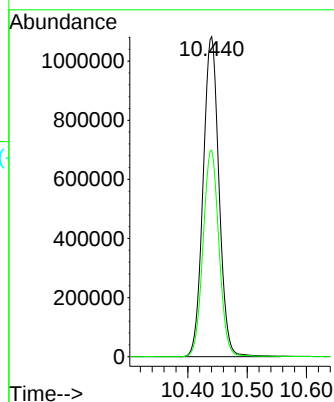
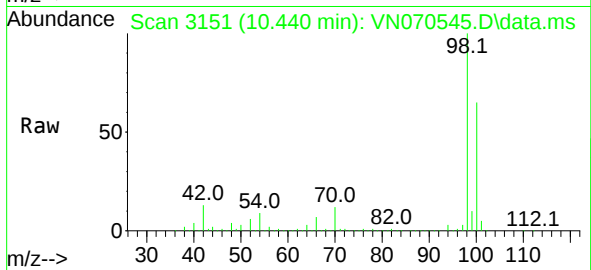
NWB-1542

Tgt Ion: 98 Resp: 2010659

Ion Ratio Lower Upper

98 100

100 64.7 50.4 75.6



#52

Toluene

Concen: 17.627 ug/l

RT: 10.502 min Scan# 3174

Delta R.T. -0.003 min

Lab File: VN070545.D

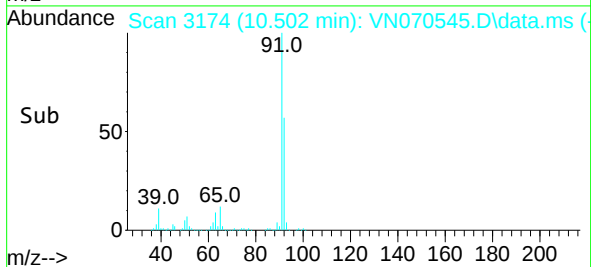
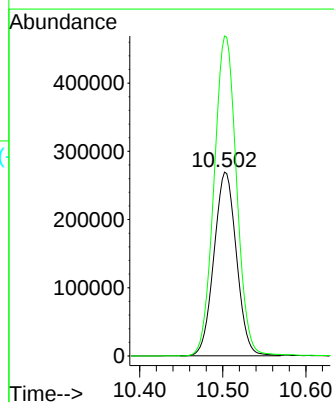
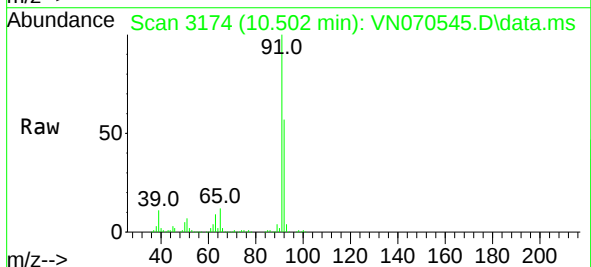
Acq: 10 Jan 2022 16:03

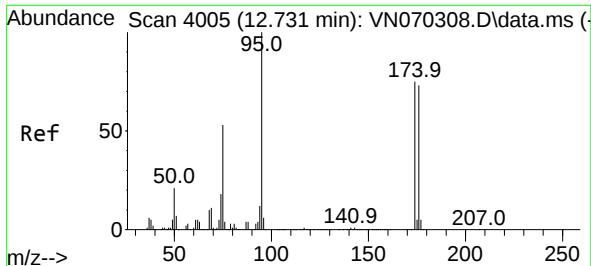
Tgt Ion: 92 Resp: 506669

Ion Ratio Lower Upper

92 100

91 174.8 142.0 213.0

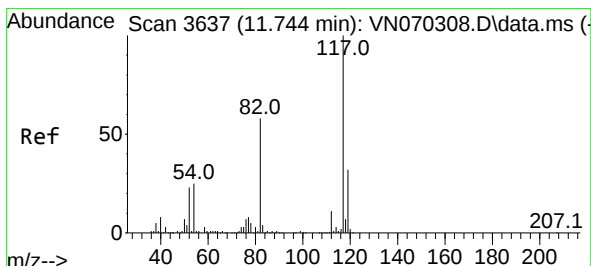
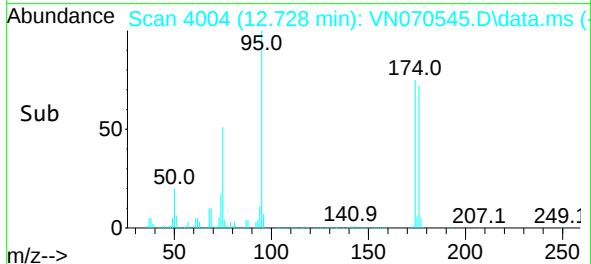
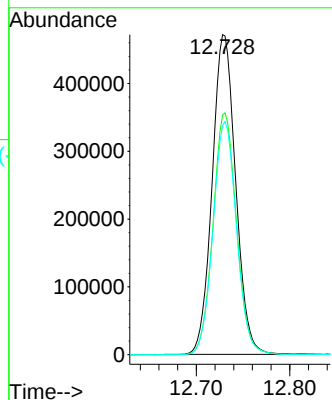
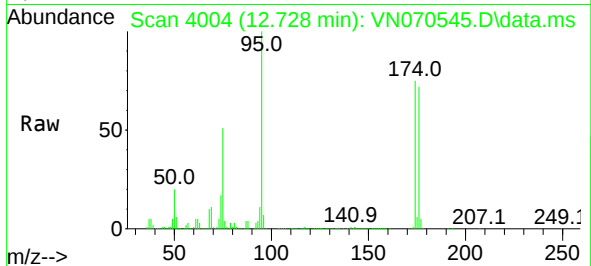




#62  
4-Bromofluorobenzene  
Concen: 59.555 ug/l  
RT: 12.728 min Scan# 4004  
Delta R.T. -0.003 min  
Lab File: VN070545.D  
Acq: 10 Jan 2022 16:03

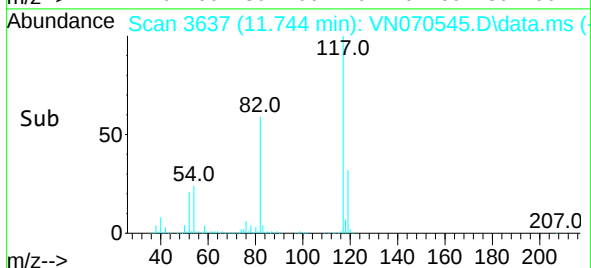
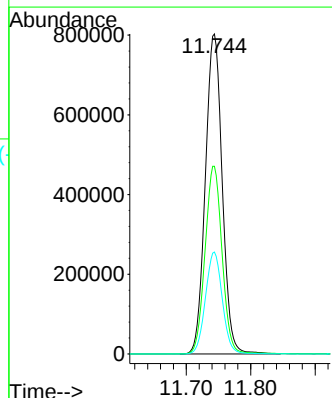
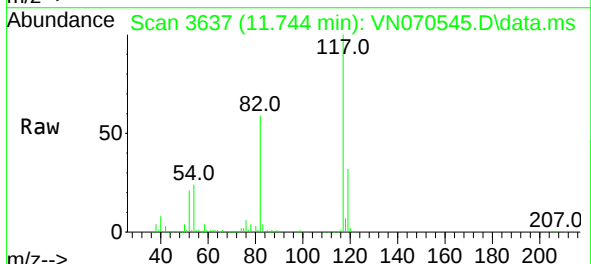
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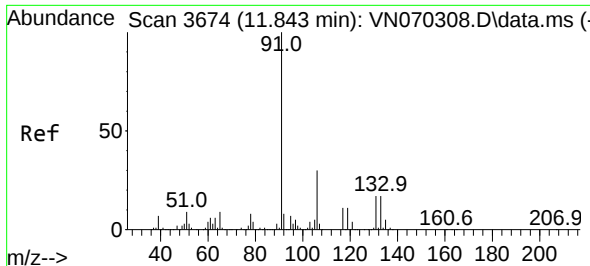
Tgt Ion: 95 Resp: 822771  
Ion Ratio Lower Upper  
95 100  
174 75.7 0.0 187.2  
176 73.0 0.0 181.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3637  
Delta R.T. -0.000 min  
Lab File: VN070545.D  
Acq: 10 Jan 2022 16:03

Tgt Ion: 117 Resp: 1462656  
Ion Ratio Lower Upper  
117 100  
82 58.6 42.4 63.6  
119 31.8 25.4 38.2

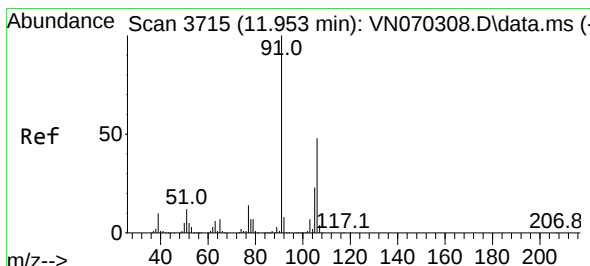
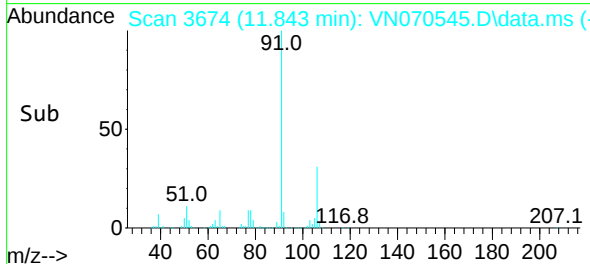
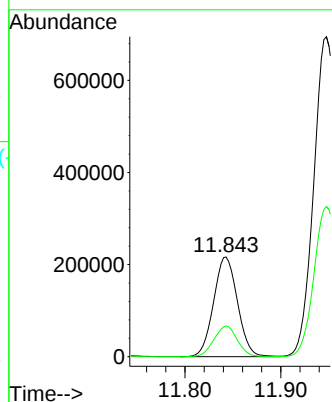
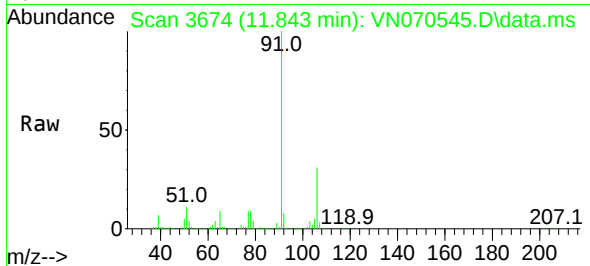




#67  
Ethyl Benzene  
Concen: 6.589 ug/l  
RT: 11.843 min Scan# 307  
Delta R.T. -0.000 min  
Lab File: VN070545.D  
Acq: 10 Jan 2022 16:03

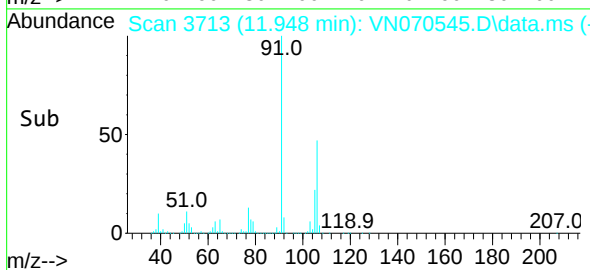
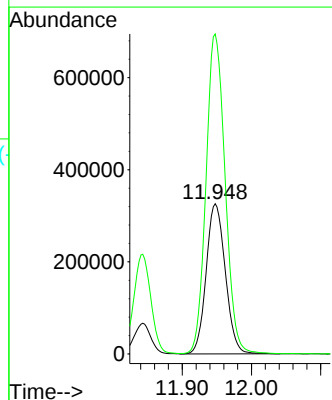
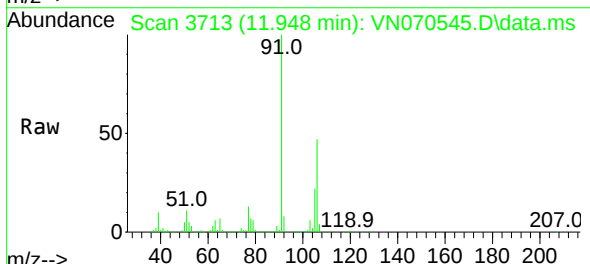
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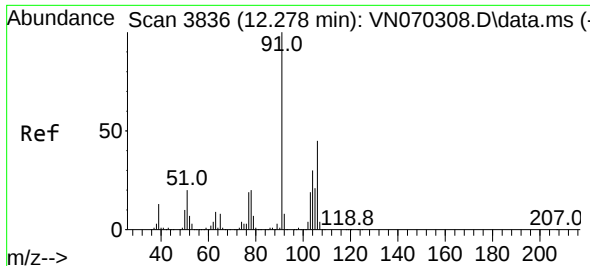
Tgt Ion: 91 Resp: 374682  
Ion Ratio Lower Upper  
91 100  
106 30.9 25.7 38.5



#68  
m/p-Xylenes  
Concen: 30.275 ug/l  
RT: 11.948 min Scan# 3713  
Delta R.T. -0.005 min  
Lab File: VN070545.D  
Acq: 10 Jan 2022 16:03

Tgt Ion: 106 Resp: 626635  
Ion Ratio Lower Upper  
106 100  
91 212.4 160.6 240.8

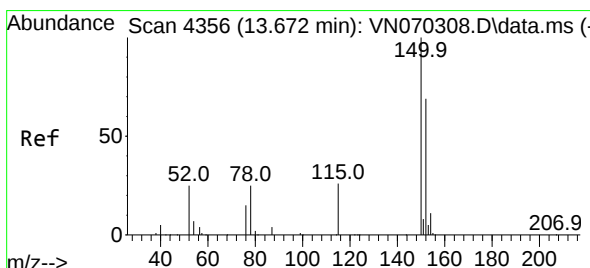
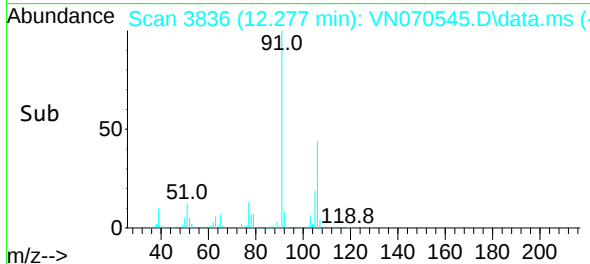
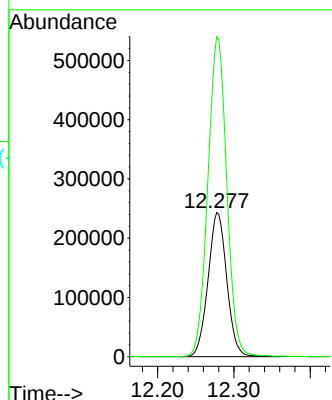
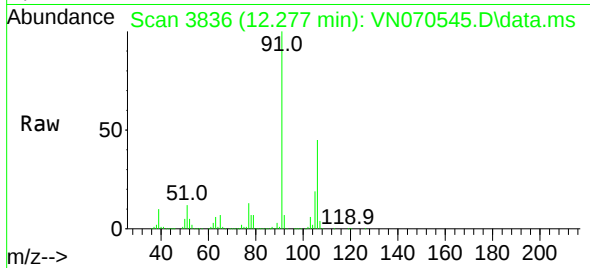




#69  
o-Xylene  
Concen: 20.123 ug/l  
RT: 12.277 min Scan# 3836  
Delta R.T. -0.001 min  
Lab File: VN070545.D  
Acq: 10 Jan 2022 16:03

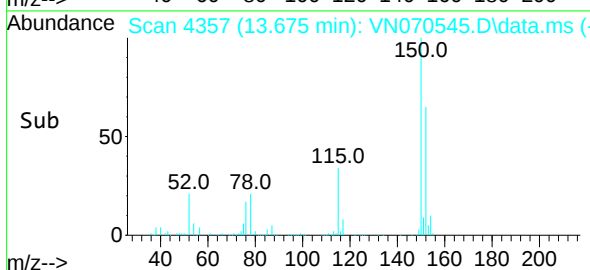
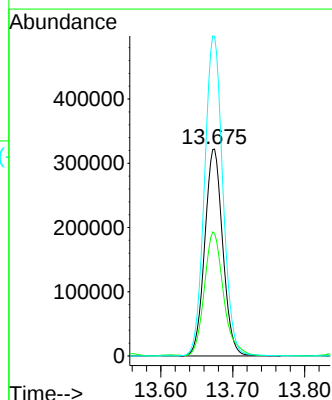
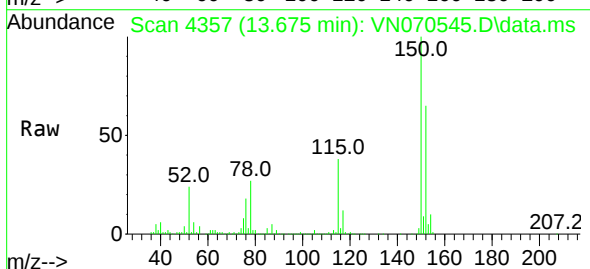
Instrument :  
MSVOA\_N  
ClientSampleId :  
NWB-1542

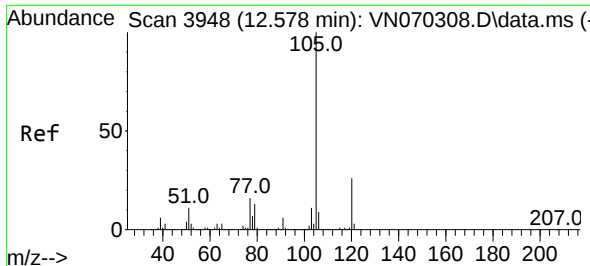
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Ion Ratio Lower Upper  
106 100  
91 224.8 105.8 317.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. 0.003 min  
Lab File: VN070545.D  
Acq: 10 Jan 2022 16:03

Tgt Ion:152 Resp: 561880  
Ion Ratio Lower Upper  
152 100  
115 63.2 27.5 82.5  
150 156.9 0.0 344.4

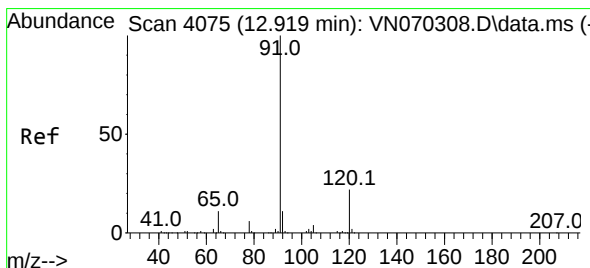
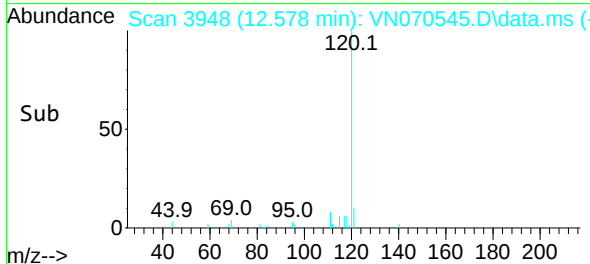
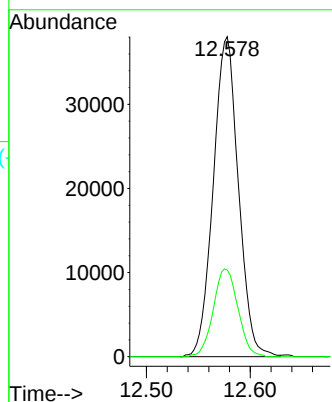
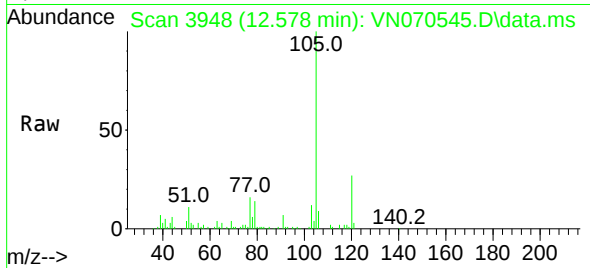




#73  
Isopropylbenzene  
Concen: 1.225 ug/l  
RT: 12.578 min Scan# 3948  
Delta R.T. -0.000 min  
Lab File: VN070545.D  
Acq: 10 Jan 2022 16:03

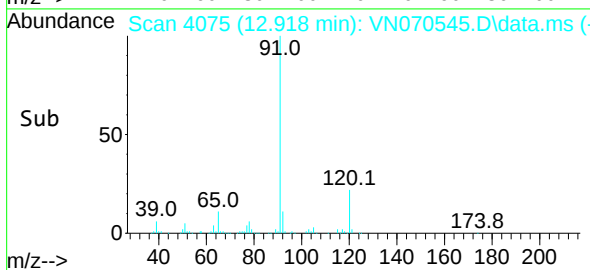
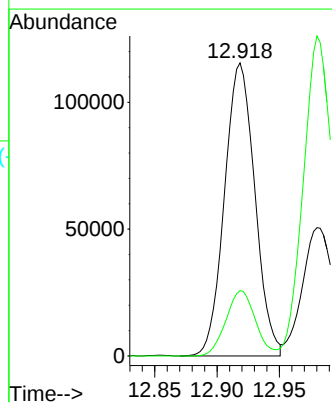
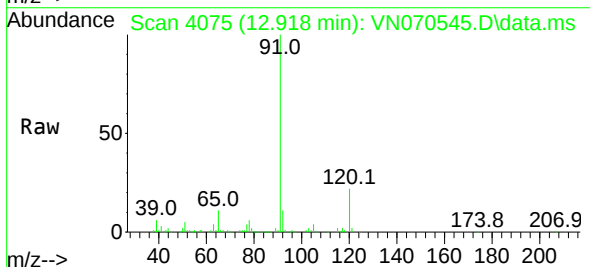
Instrument :  
MSVOA\_N  
ClientSampleId :  
NWB-1542

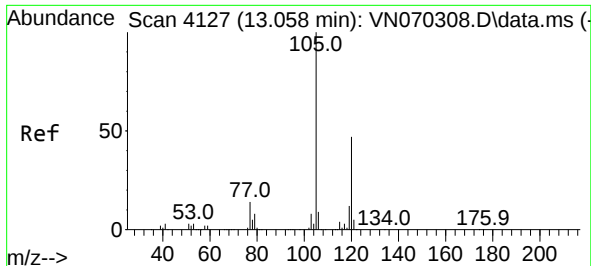
Tgt Ion:105 Resp: 63912  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.4 40.1



#78  
n-propylbenzene  
Concen: 3.384 ug/l  
RT: 12.918 min Scan# 4075  
Delta R.T. -0.001 min  
Lab File: VN070545.D  
Acq: 10 Jan 2022 16:03

Tgt Ion: 91 Resp: 195631  
Ion Ratio Lower Upper  
91 100  
120 21.7 11.9 35.9

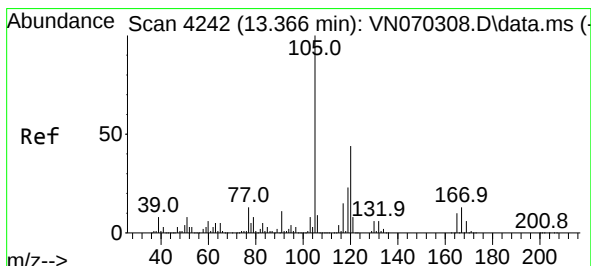
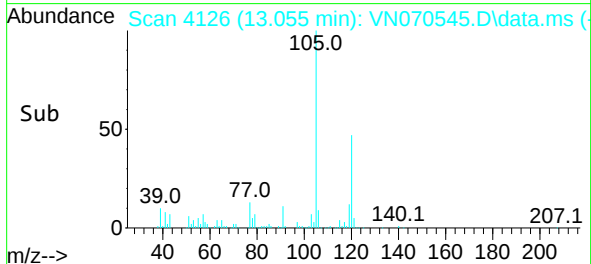
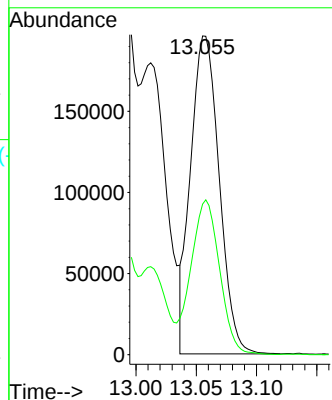
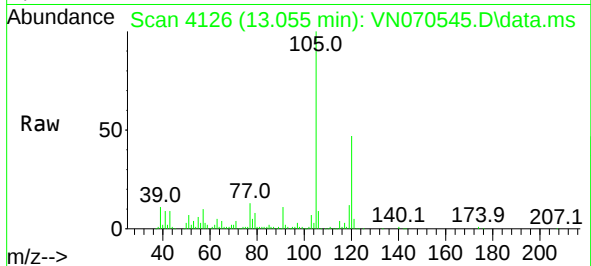




#80  
 1,3,5-Trimethylbenzene  
 Concen: 7.711 ug/l  
 RT: 13.055 min Scan# 4127  
 Delta R.T. -0.003 min  
 Lab File: VN070545.D  
 Acq: 10 Jan 2022 16:03

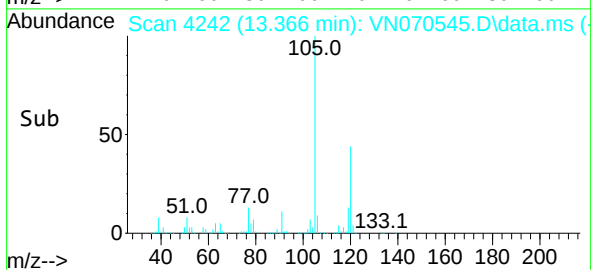
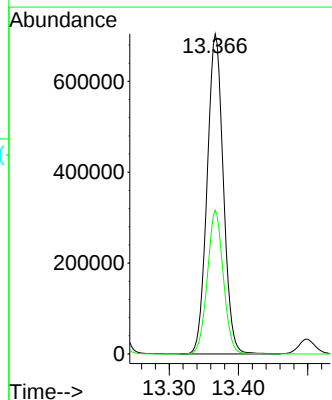
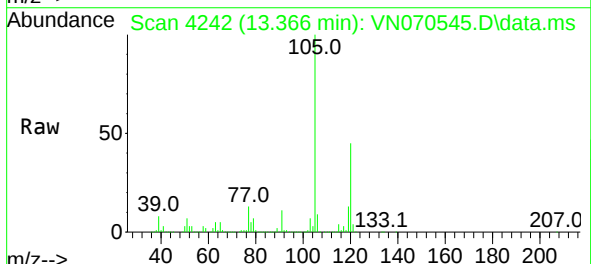
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 ClientSampleId :  
 NWB-1542

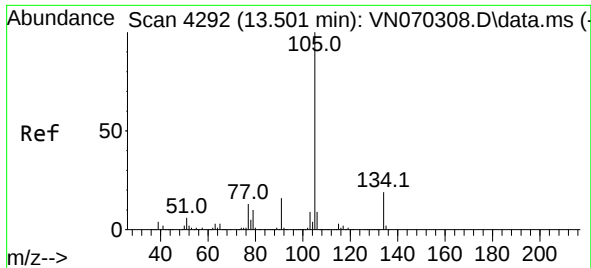
Tgt Ion:105 Resp: 322445  
 Ion Ratio Lower Upper  
 105 100  
 120 48.8 24.6 73.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 28.387 ug/l  
 RT: 13.366 min Scan# 4242  
 Delta R.T. 0.000 min  
 Lab File: VN070545.D  
 Acq: 10 Jan 2022 16:03

Tgt Ion:105 Resp: 1142967  
 Ion Ratio Lower Upper  
 105 100  
 120 44.3 22.8 68.4

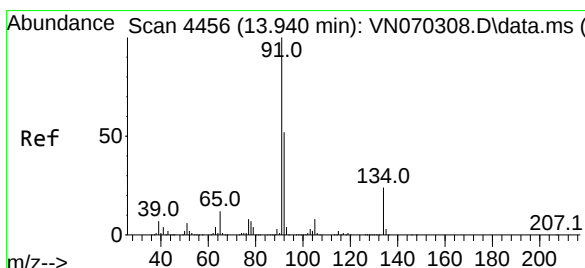
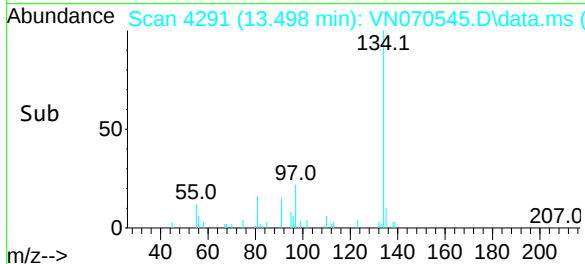
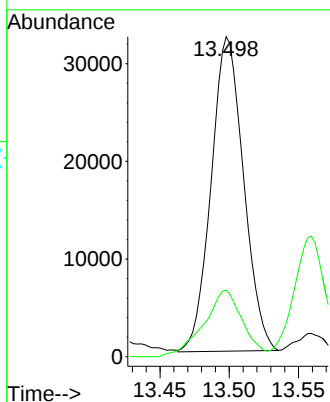
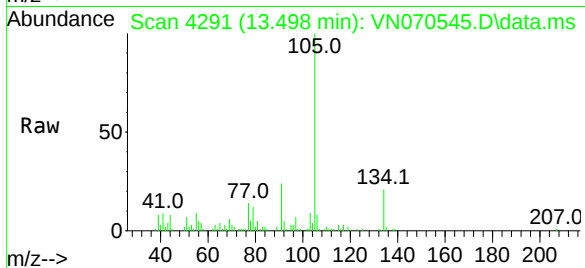




#85  
 sec-Butylbenzene  
 Concen: 1.050 ug/l  
 RT: 13.498 min Scan# 41  
 Delta R.T. -0.003 min  
 Lab File: VN070545.D  
 Acq: 10 Jan 2022 16:03

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 NWB-1542

Tgt Ion:105 Resp: 52479  
 Ion Ratio Lower Upper  
 105 100  
 134 25.2 10.4 31.1



#89  
 n-Butylbenzene  
 Concen: 1.614 ug/l  
 RT: 13.938 min Scan# 4455  
 Delta R.T. -0.002 min  
 Lab File: VN070545.D  
 Acq: 10 Jan 2022 16:03

Tgt Ion: 91 Resp: 52863  
 Ion Ratio Lower Upper  
 91 100  
 92 56.1 25.4 76.0  
 134 0.0 13.6 40.8#

