

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050521\  
 Data File : VN066983.D  
 Acq On : 5 May 2021 12:59  
 Operator : JC/MD  
 Sample : M2278-01ME  
 Misc : 6.05g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SU-01-050421ME

Manual Integrations  
 APPROVED

MMDadoda  
 5/6/2021 5:40:14 PM

Quant Time: May 06 04:47:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050421W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 05 07:24:52 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response           | Conc  | Units  | Dev(Min) |
|-----------------------------|----------------|------|--------------------|-------|--------|----------|
| -----                       |                |      |                    |       |        |          |
| Internal Standards          |                |      |                    |       |        |          |
| 1) Pentafluorobenzene       | 7.587          | 168  | 441941             | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.515          | 114  | 740144             | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.352         | 117  | 623587             | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.294         | 152  | 260805             | 50.00 | ug/l   | 0.00     |
|                             |                |      |                    |       |        |          |
| System Monitoring Compounds |                |      |                    |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.949          | 65   | 353594             | 50.83 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 101.66% |       |        |          |
| 35) Dibromofluoromethane    | 7.509          | 113  | 248137             | 49.37 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 98.74%  |       |        |          |
| 50) Toluene-d8              | 10.030         | 98   | 944495             | 49.35 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 98.70%  |       |        |          |
| 62) 4-Bromofluorobenzene    | 12.355         | 95   | 320014             | 49.38 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 98.76%  |       |        |          |
|                             |                |      |                    |       |        |          |
| Target Compounds            |                |      |                    |       | Qvalue |          |
| 16) Acetone                 | 3.776          | 43   | 7622m              | 3.11  | ug/l   |          |
| 95) Naphthalene             | 15.086         | 128  | 97659              | 8.53  | ug/l   | 96       |
| -----                       |                |      |                    |       |        |          |

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

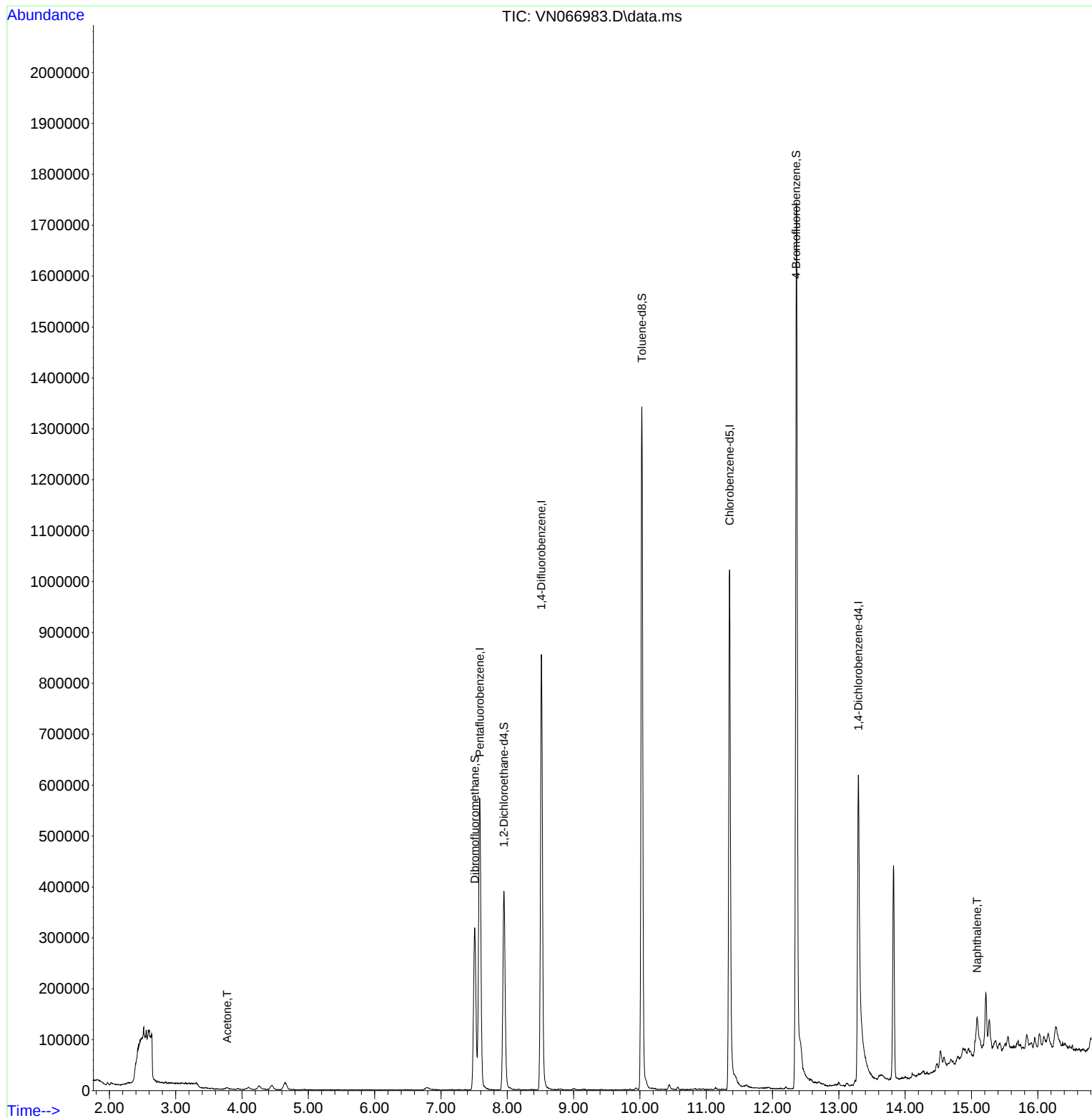
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050521\  
Data File : VN066983.D  
Acq On : 5 May 2021 12:59  
Operator : JC/MD  
Sample : M2278-01ME  
Misc : 6.05g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 7 Sample Multiplier: 1

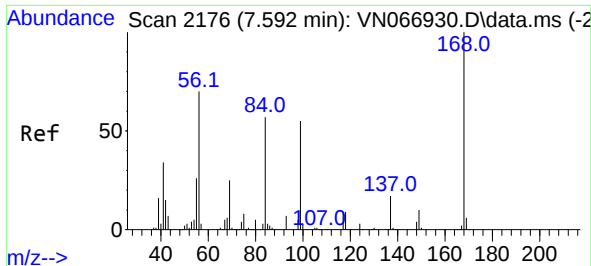
Instrument :  
MSVOA\_N  
ClientSampleId :  
SU-01-050421ME

Manual Integrations  
APPROVED

MMDadoda  
5/6/2021 5:40:14 PM

Quant Time: May 06 04:47:57 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050421W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 05 07:24:52 2021  
Response via : Initial Calibration





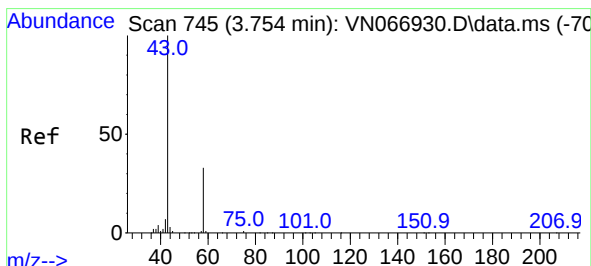
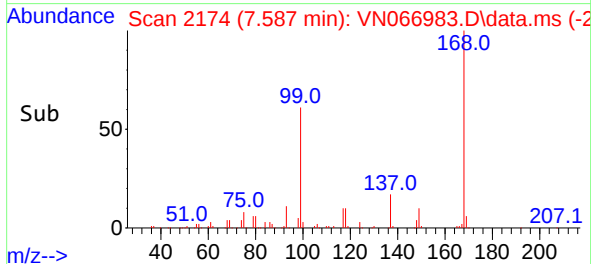
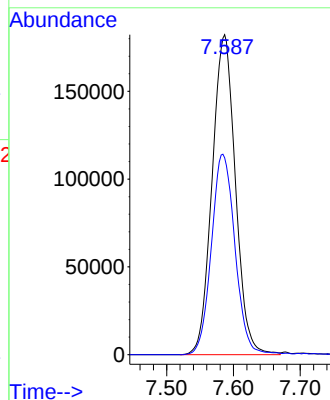
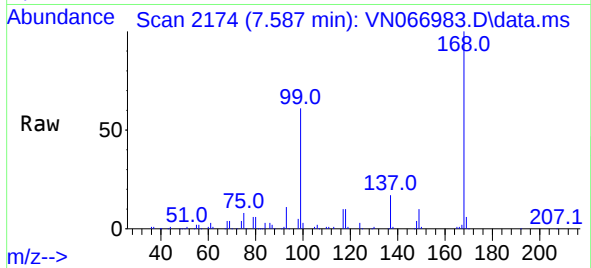
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.587 min Scan# 2174  
Delta R.T. -0.005 min  
Lab File: VN066983.D  
Acq: 5 May 2021 12:59

Tgt Ion:168 Resp: 441941  
Ion Ratio Lower Upper  
168 100  
99 61.5 42.6 63.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
SU-01-050421ME

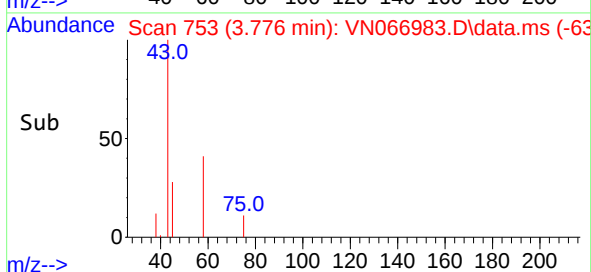
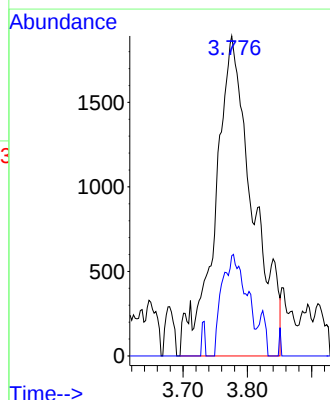
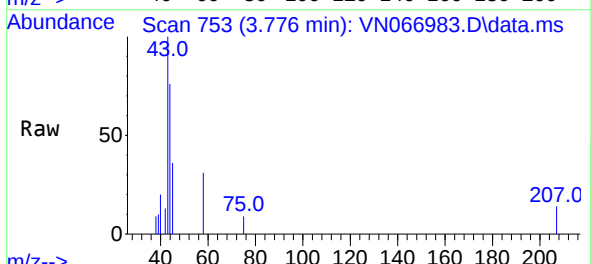
Manual Integrations  
APPROVED

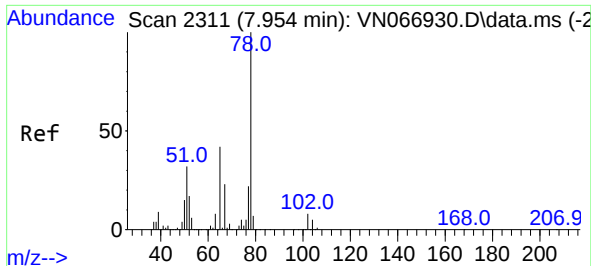
MMDadoda  
5/6/2021 5:40:14 PM



#16  
Acetone  
Concen: 3.11 ug/l m  
RT: 3.776 min Scan# 753  
Delta R.T. 0.022 min  
Lab File: VN066983.D  
Acq: 5 May 2021 12:59

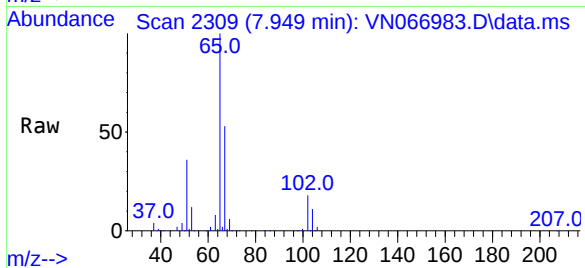
Tgt Ion: 43 Resp: 7622  
Ion Ratio Lower Upper  
43 100  
58 31.3 27.0 40.6





#33  
1,2-Dichloroethane-d4  
Concen: 50.83 ug/l  
RT: 7.949 min Scan# 2309  
Delta R.T. -0.005 min  
Lab File: VN066983.D  
Acq: 5 May 2021 12:59

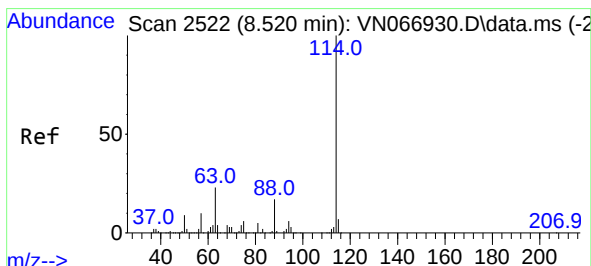
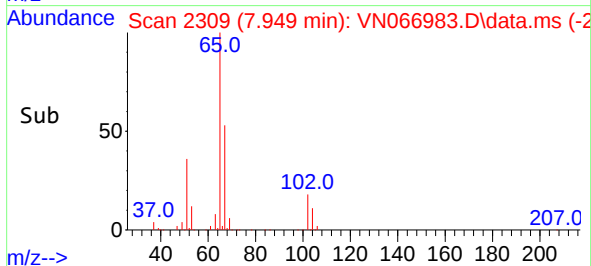
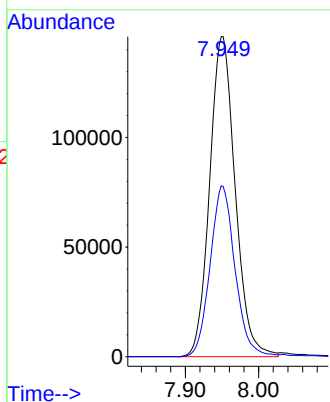
Instrument :  
MSVOA\_N  
ClientSampleId :  
SU-01-050421ME



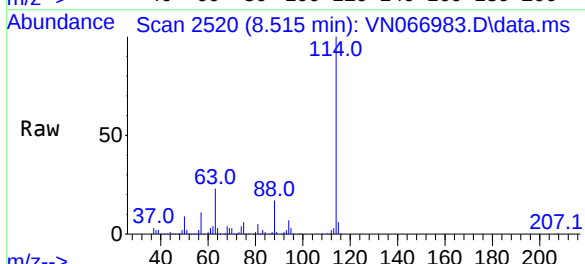
Tgt Ion: 65 Resp: 353594  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 107.2

Manual Integrations  
APPROVED

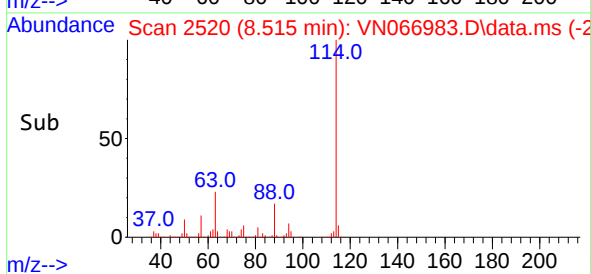
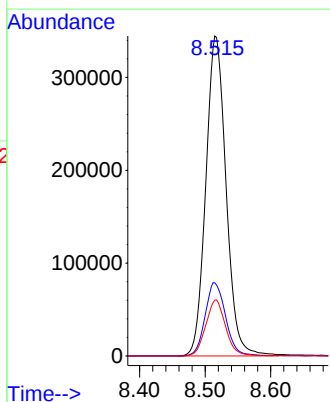
MMDadoda  
5/6/2021 5:40:14 PM

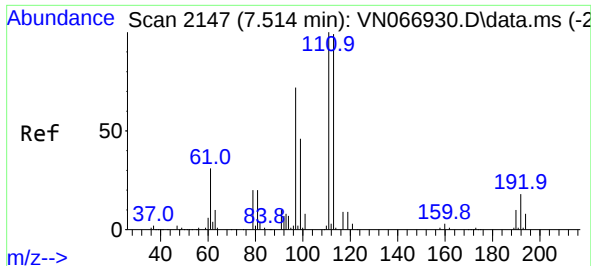


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.515 min Scan# 2520  
Delta R.T. -0.005 min  
Lab File: VN066983.D  
Acq: 5 May 2021 12:59

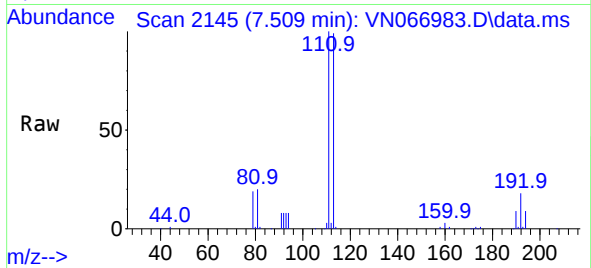


Tgt Ion: 114 Resp: 740144  
Ion Ratio Lower Upper  
114 100  
63 22.9 0.0 38.6  
88 17.4 0.0 30.6

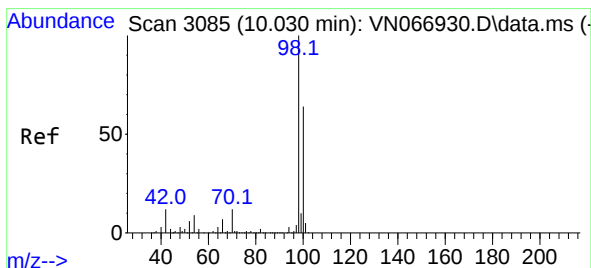
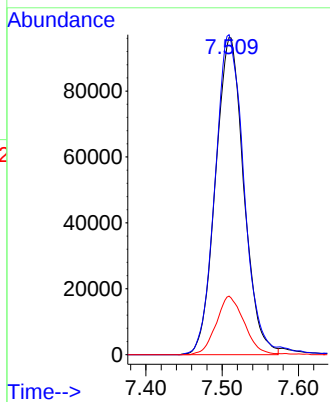
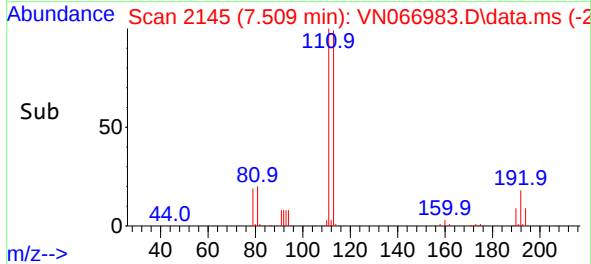




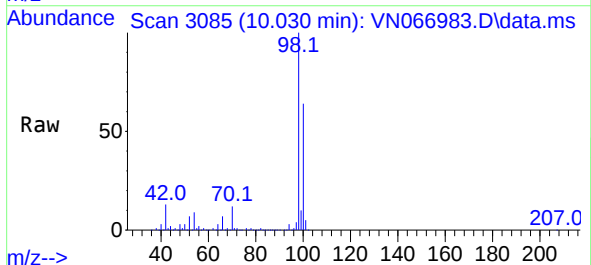
#35  
Dibromofluoromethane  
Concen: 49.37 ug/l  
RT: 7.509 min Scan# 2145  
Delta R.T. -0.005 min  
Lab File: VN066983.D  
Acq: 5 May 2021 12:59



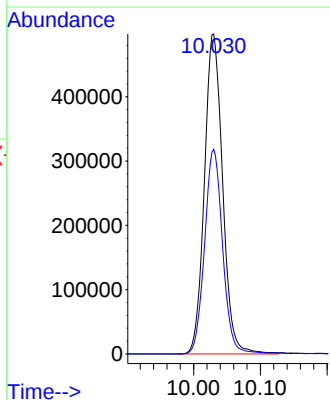
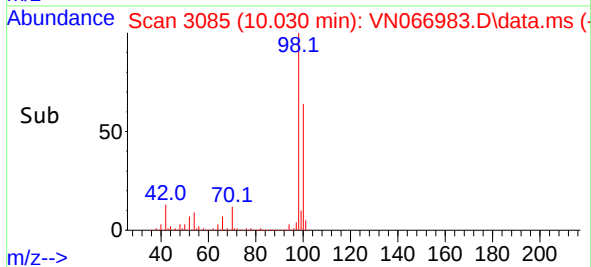
Tgt Ion:113 Resp: 248137  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.2 123.2  
192 18.2 15.4 23.0



#50  
Toluene-d8  
Concen: 49.35 ug/l  
RT: 10.030 min Scan# 3085  
Delta R.T. 0.000 min  
Lab File: VN066983.D  
Acq: 5 May 2021 12:59



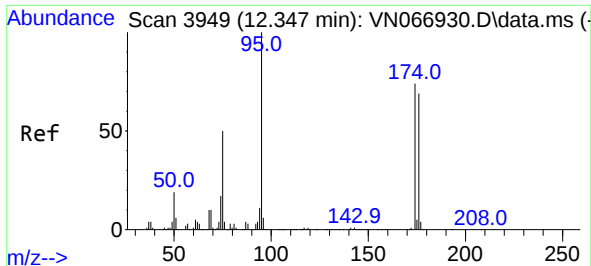
Tgt Ion: 98 Resp: 944495  
Ion Ratio Lower Upper  
98 100  
100 63.2 50.5 75.7



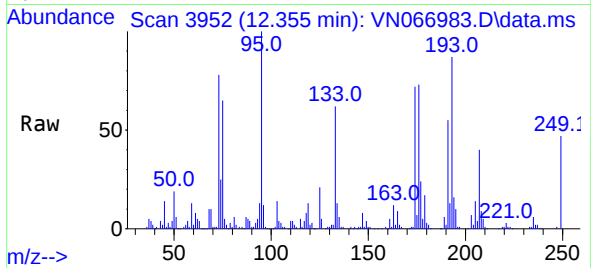
Instrument :  
MSVOA\_N  
ClientSampleId :  
SU-01-050421ME

Manual Integrations  
APPROVED

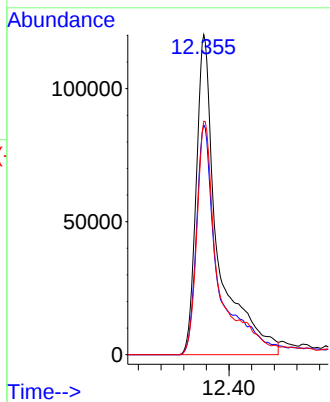
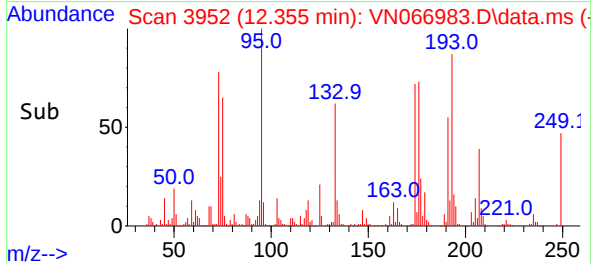
MMDadoda  
5/6/2021 5:40:14 PM



#62  
4-Bromofluorobenzene  
Concen: 49.38 ug/l  
RT: 12.355 min Scan# 3952  
Delta R.T. 0.008 min  
Lab File: VN066983.D  
Acq: 5 May 2021 12:59



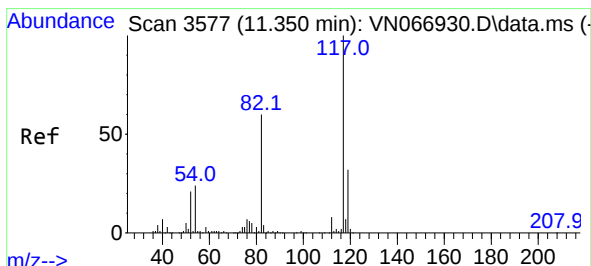
Tgt Ion: 95 Resp: 320014  
Ion Ratio Lower Upper  
95 100  
174 73.6 0.0 169.0  
176 62.2 0.0 162.4



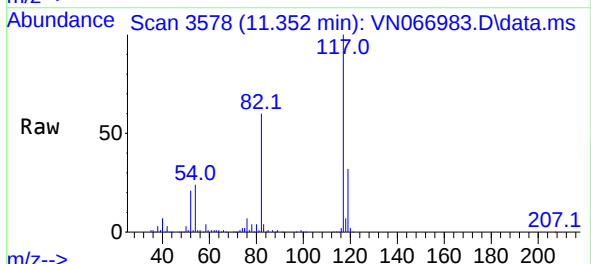
Instrument :  
MSVOA\_N  
ClientSampleId :  
SU-01-050421ME

Manual Integrations  
APPROVED

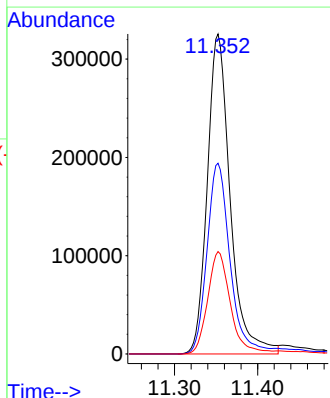
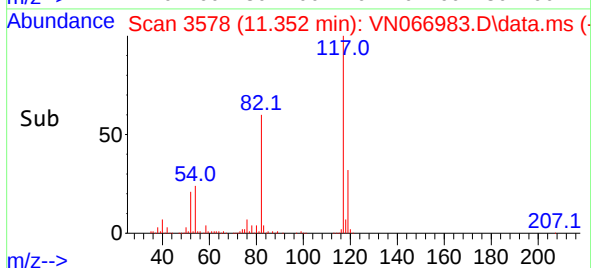
MMDadoda  
5/6/2021 5:40:14 PM

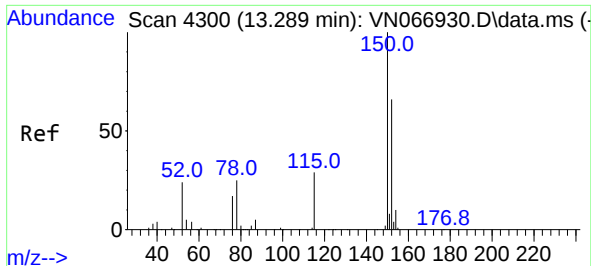


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.352 min Scan# 3578  
Delta R.T. 0.002 min  
Lab File: VN066983.D  
Acq: 5 May 2021 12:59



Tgt Ion: 117 Resp: 623587  
Ion Ratio Lower Upper  
117 100  
82 59.6 43.7 65.5  
119 32.0 26.1 39.1





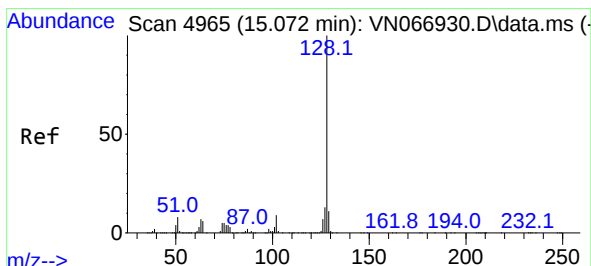
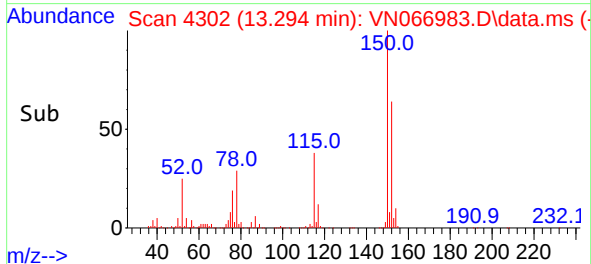
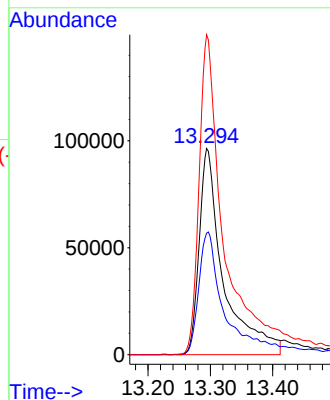
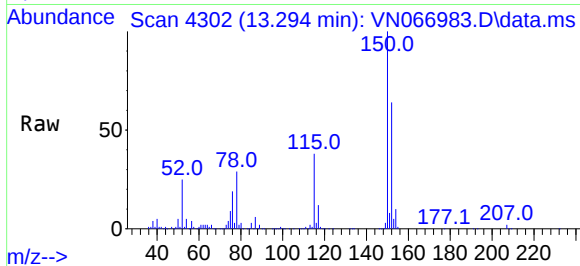
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.294 min Scan# 4302  
Delta R.T. 0.005 min  
Lab File: VN066983.D  
Acq: 5 May 2021 12:59

Tgt Ion:152 Resp: 260805  
Ion Ratio Lower Upper  
152 100  
115 53.8 28.5 85.6  
150 166.8 0.0 347.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
SU-01-050421ME

Manual Integrations  
APPROVED

MMDadoda  
5/6/2021 5:40:14 PM



#95  
Naphthalene  
Concen: 8.53 ug/l  
RT: 15.086 min Scan# 4970  
Delta R.T. 0.014 min  
Lab File: VN066983.D  
Acq: 5 May 2021 12:59

Tgt Ion:128 Resp: 97659  
Ion Ratio Lower Upper  
128 100  
127 11.2 10.2 15.2  
129 8.7 8.6 13.0

