

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\  
 Data File : VN062719.D  
 Acq On : 1 Aug 2020 5:36  
 Operator : JC/MD  
 Sample : L3518-33  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-10

Quant Time: Aug 01 06:57:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072120W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 21 18:48:59 2020  
 Response via : Initial Calibration

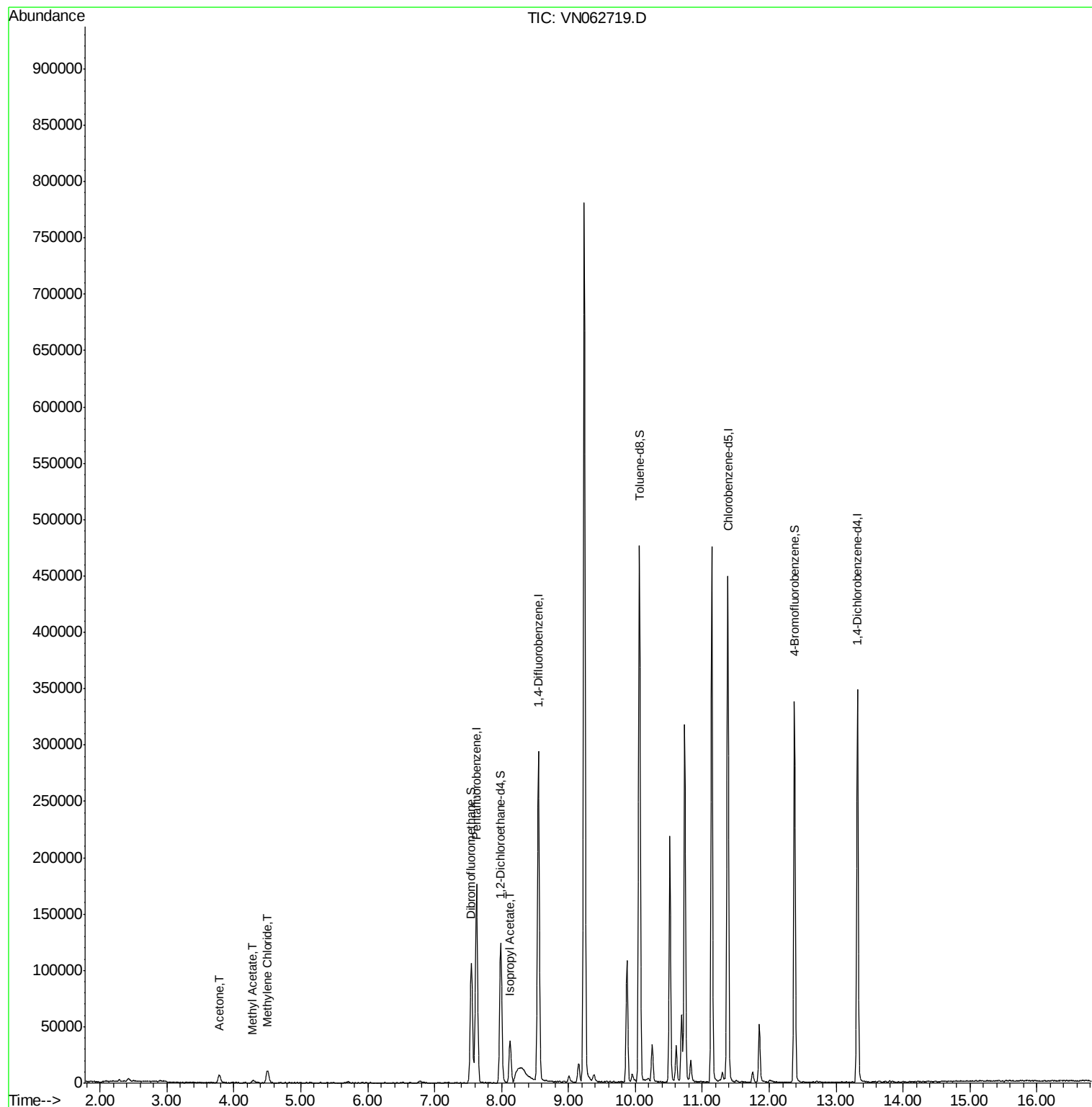
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.63  | 168  | 130316   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 242280   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 244164   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 91282    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 117615   | 58.10  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 116.20% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 80486    | 50.57  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.14% |          |
| 50) Toluene-d8              | 10.06 | 98   | 317866   | 50.06  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.12% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 118794   | 51.17  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.34% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.78  | 43   | 12943    | 16.990 | ug/l    | 95       |
| 18) Methyl Acetate          | 4.28  | 43   | 5119     | 2.654  | ug/l #  | 81       |
| 20) Methylene Chloride      | 4.51  | 84   | 7498     | 4.104  | ug/l    | 92       |
| 43) Isopropyl Acetate       | 8.13  | 43   | 44069    | 9.820  | ug/l #  | 89       |

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

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ClientSampleId :  
TP-10

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N072120W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 21 18:48:59 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062719.D

Acq: 1 Aug 2020 5:36

Instrument :

MSVOA\_N

ClientSampled :

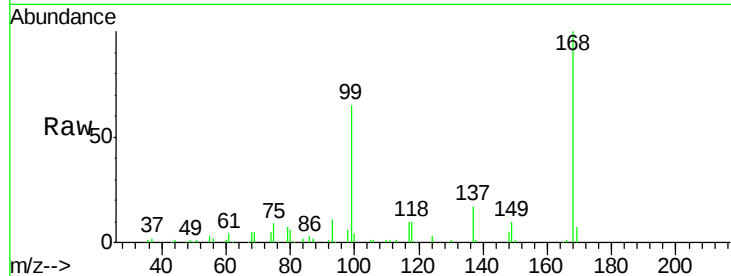
TP-10

Tot Ion:168 Resp: 130316

Ion Ratio Lower Upper

168 100

99 64.7 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

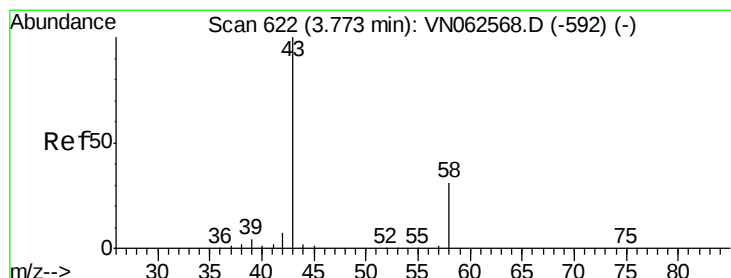
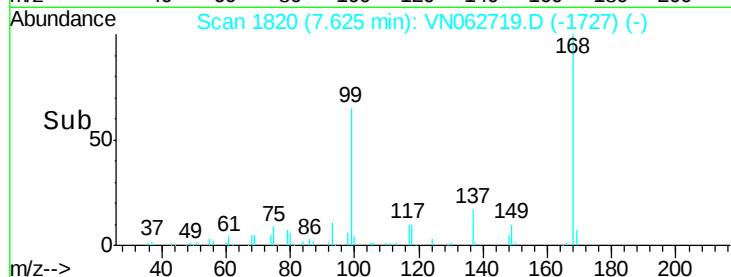
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 16.990 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062719.D

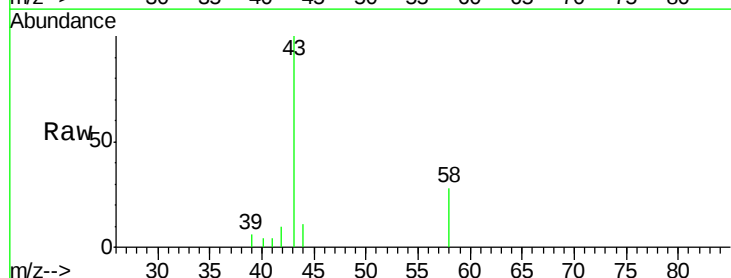
Acq: 1 Aug 2020 5:36

Tgt Ion: 43 Resp: 12943

Ion Ratio Lower Upper

43 100

58 27.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

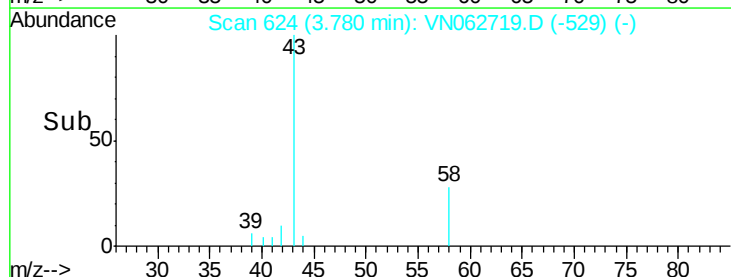
3000

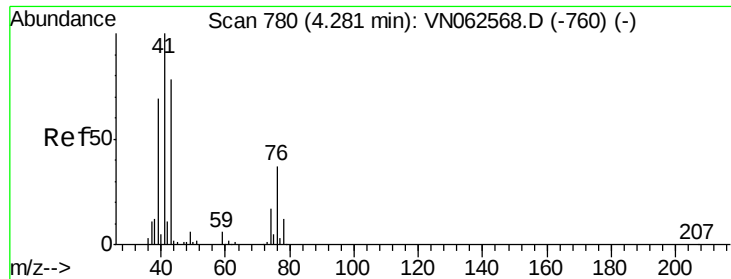
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#18

Methyl Acetate

Concen: 2.654 ug/l

RT: 4.28 min Scan# 780

Delta R.T. -0.00 min

Lab File: VN062719.D

Acq: 1 Aug 2020 5:36

Instrument :

MSVOA\_N

ClientSampled :

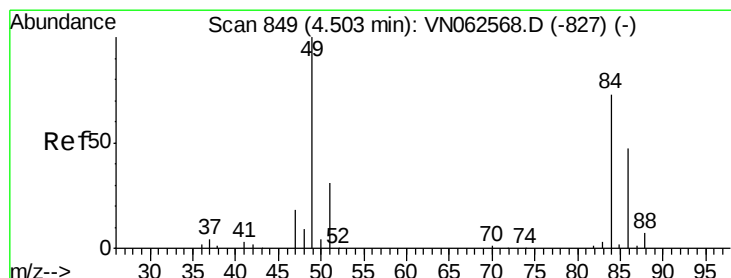
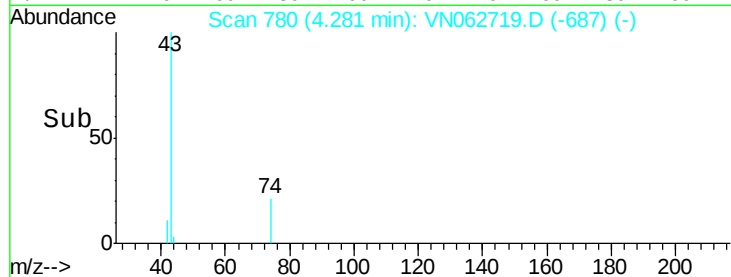
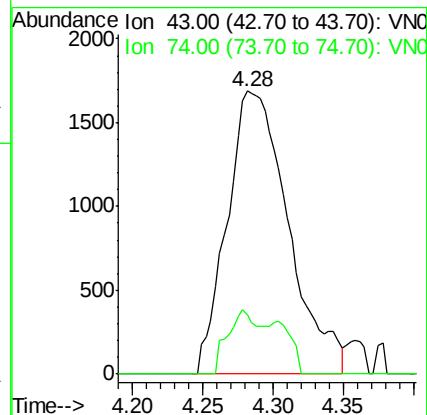
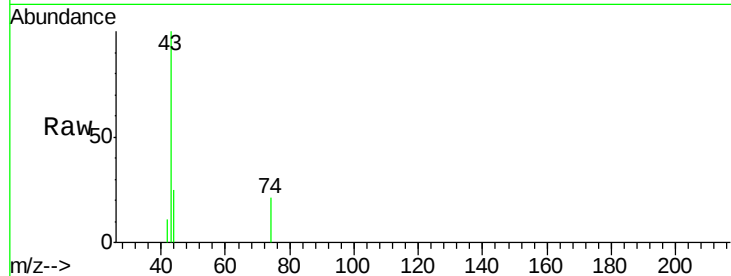
TP-10

Tot Ion: 43 Resp: 5119

Ion Ratio Lower Upper

43 100

74 12.0 16.6 24.8#



#20

Methylene Chloride

Concen: 4.104 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN062719.D

Acq: 1 Aug 2020 5:36

Tgt Ion: 84 Resp: 7498

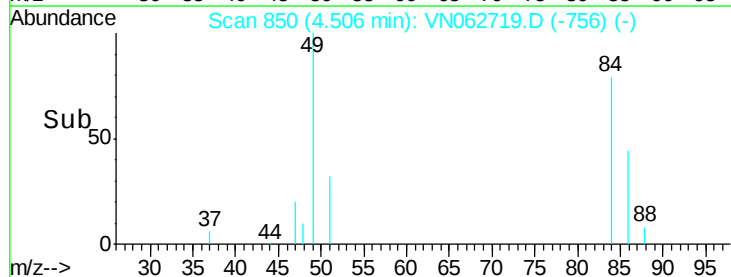
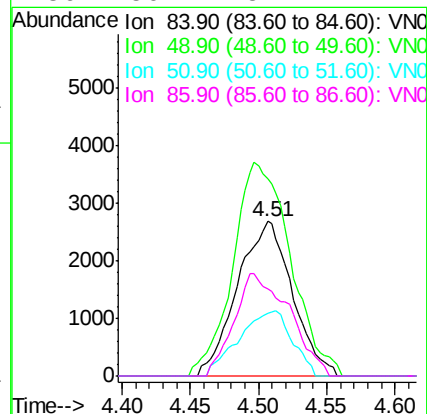
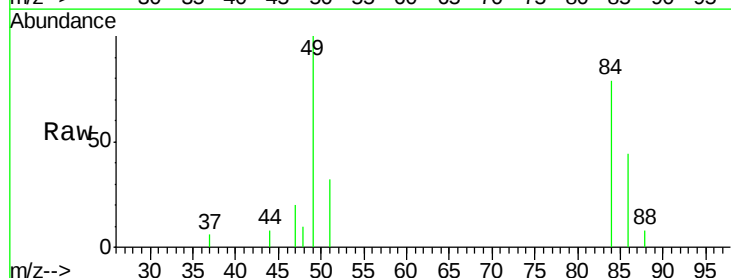
Ion Ratio Lower Upper

84 100

49 127.3 109.4 164.0

51 40.4 33.6 50.4

86 56.2 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 58.099 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062719.D

Acq: 1 Aug 2020 5:36

Instrument :

MSVOA\_N

ClientSampled :

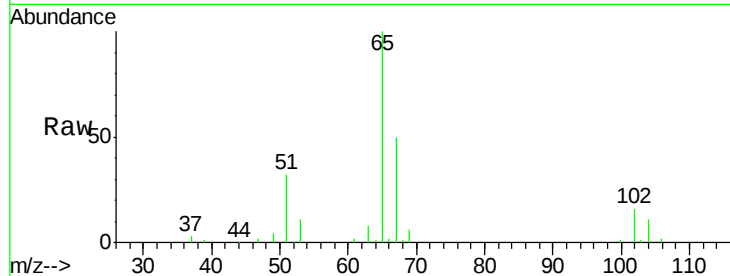
TP-10

Tot Ion: 65 Resp: 117615

Ion Ratio Lower Upper

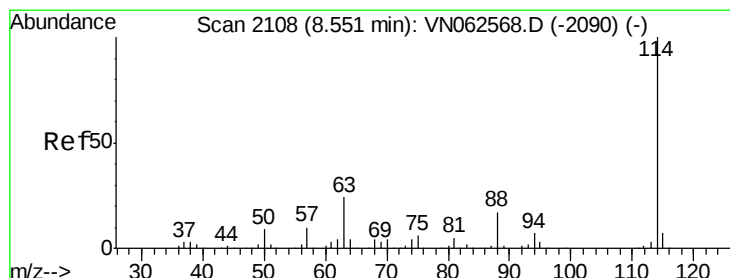
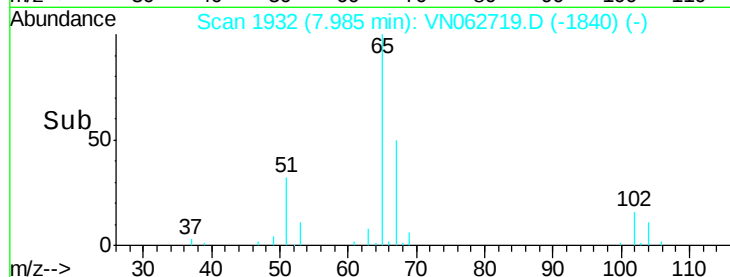
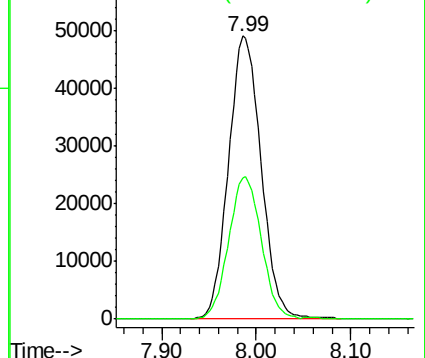
65 100

67 50.2 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN062719.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062719.D (-1840) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062719.D

Acq: 1 Aug 2020 5:36

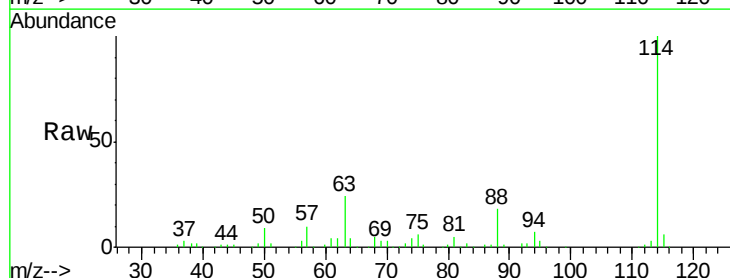
Tgt Ion: 114 Resp: 242280

Ion Ratio Lower Upper

114 100

63 23.6 0.0 48.4

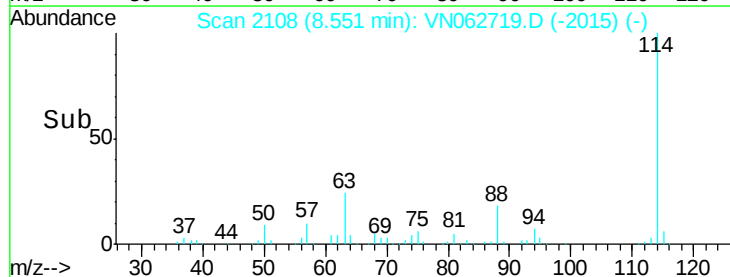
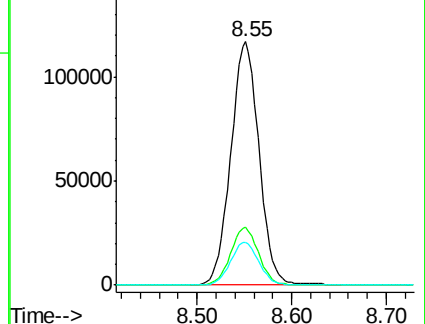
88 17.7 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VN062719.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062719.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062719.D (-2015) (-)

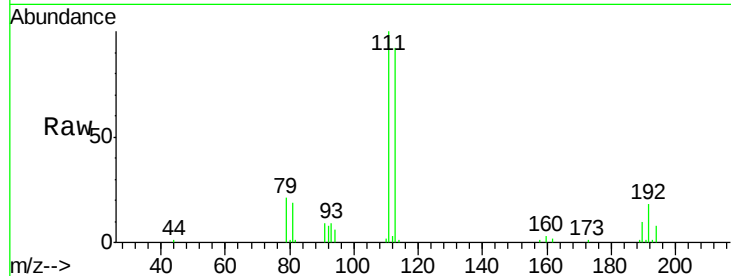




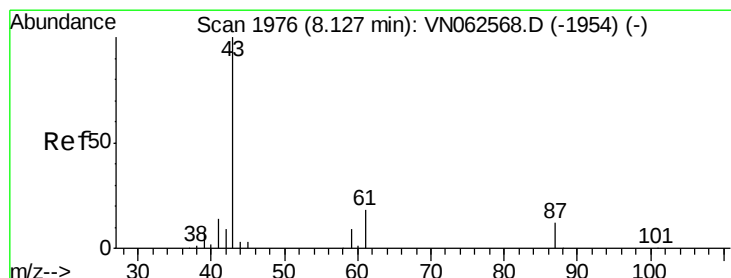
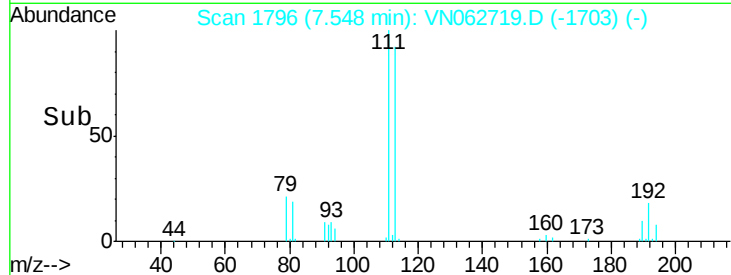
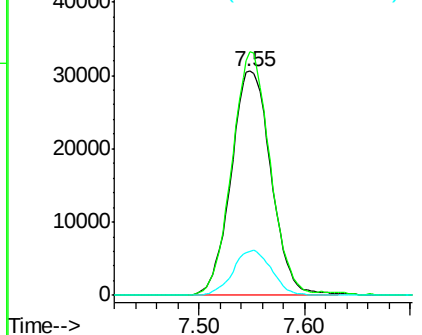
#35  
 Dibromofluoromethane  
 Concen: 50.575 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. -0.00 min  
 Lab File: VN062719.D  
 Acq: 1 Aug 2020 5:36

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 TP-10

Tot Ion:113 Resp: 80486  
 Ion Ratio Lower Upper  
 113 100  
 111 103.3 82.7 124.1  
 192 19.3 14.8 22.2

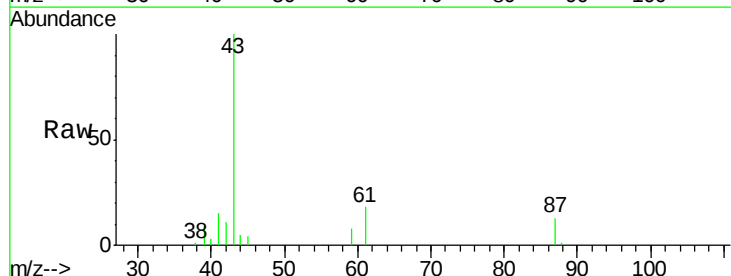


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

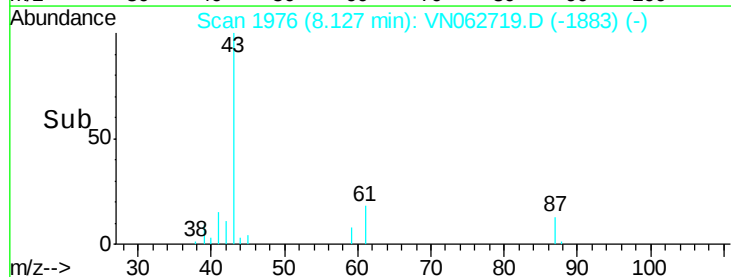
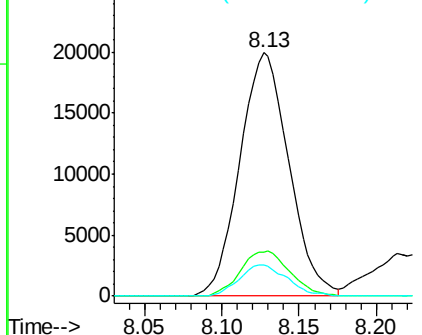


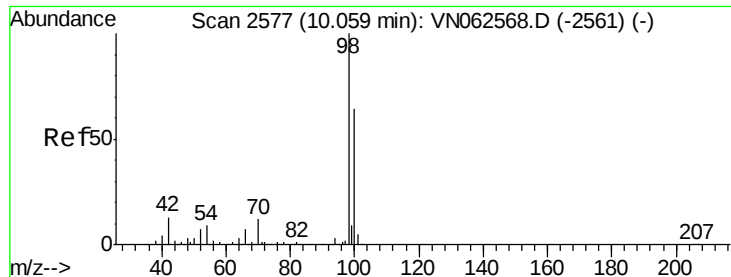
#43  
 Isopropyl Acetate  
 Concen: 9.820 ug/l  
 RT: 8.13 min Scan# 1976  
 Delta R.T. -0.00 min  
 Lab File: VN062719.D  
 Acq: 1 Aug 2020 5:36

Tgt Ion: 43 Resp: 44069  
 Ion Ratio Lower Upper  
 43 100  
 61 18.5 20.8 31.2#  
 87 12.5 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VNO  
 Ion 61.00 (60.70 to 61.70): VNO  
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.060 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062719.D

Acq: 1 Aug 2020 5:36

Instrument :

MSVOA\_N

ClientSampled :

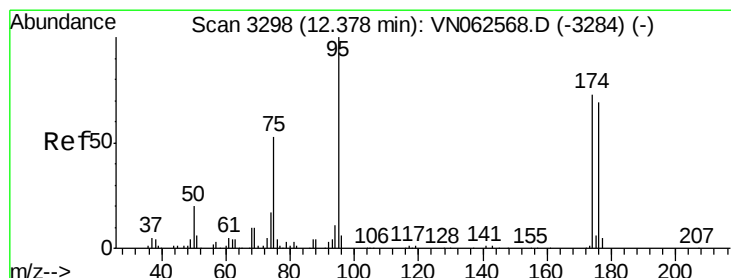
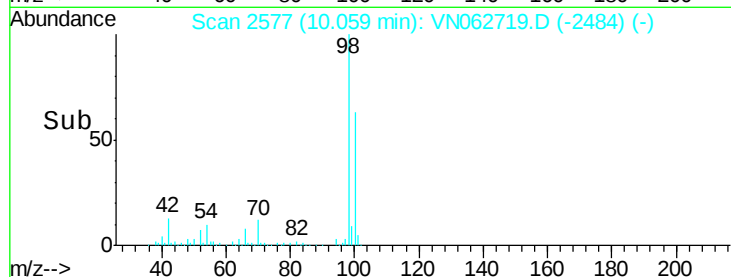
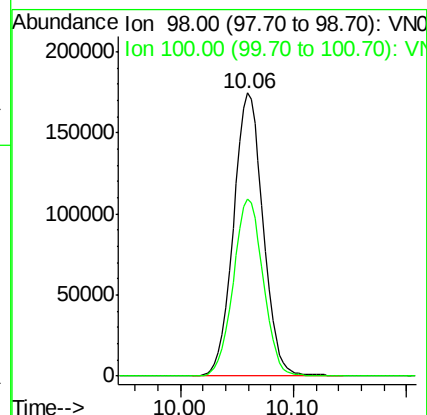
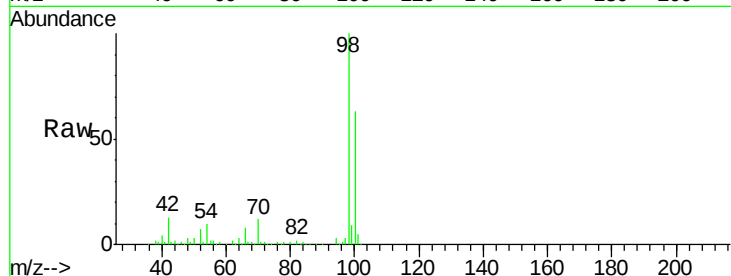
TP-10

Tot Ion: 98 Resp: 317866

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 51.166 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062719.D

Acq: 1 Aug 2020 5:36

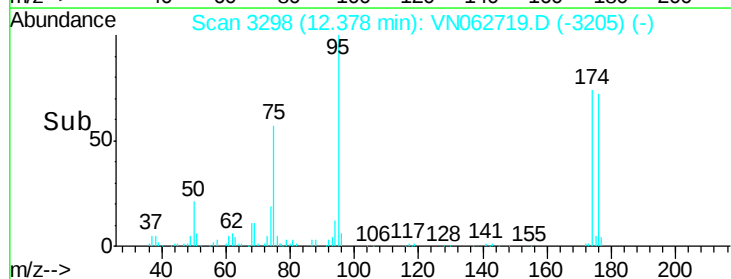
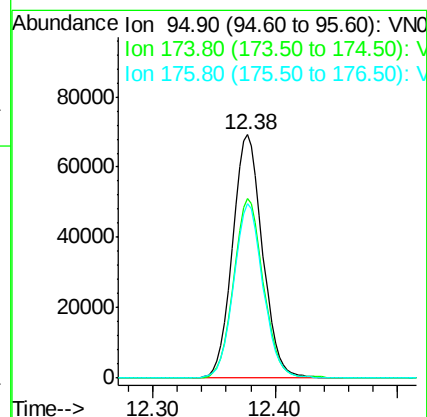
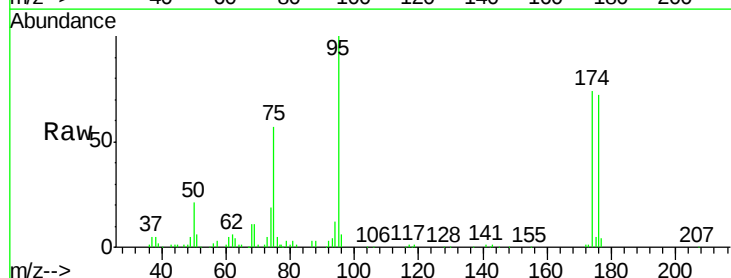
Tgt Ion: 95 Resp: 118794

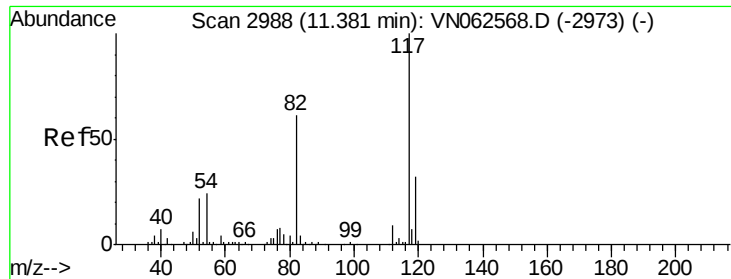
Ion Ratio Lower Upper

95 100

174 73.0 0.0 144.6

176 70.3 0.0 139.4

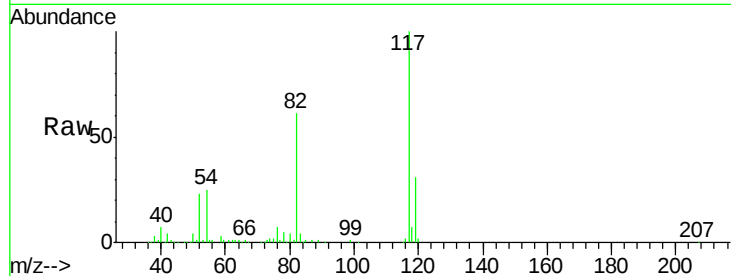




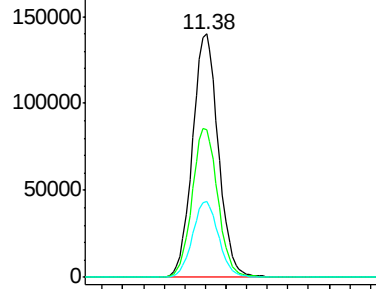
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN062719.D  
Acq: 1 Aug 2020 5:36

Instrument :  
MSVOA\_N  
ClientSampled :  
TP-10

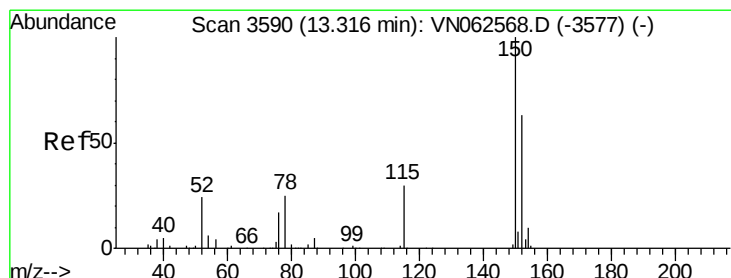
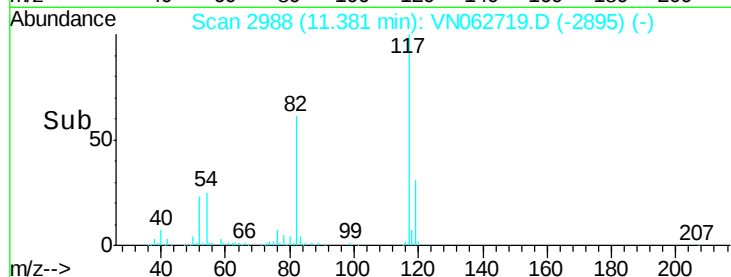
Tot Ion:117 Resp: 244164  
Ion Ratio Lower Upper  
117 100  
82 60.9 49.0 73.6  
119 31.0 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

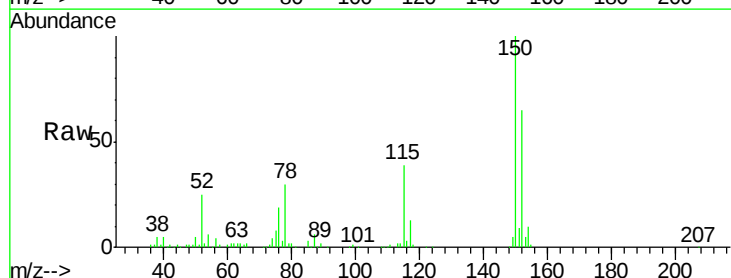


Time-->

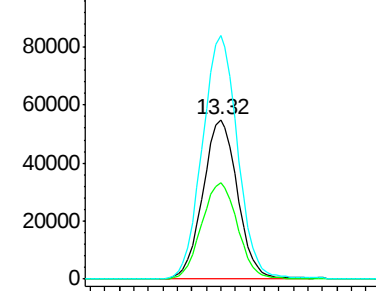


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3591  
Delta R.T. 0.00 min  
Lab File: VN062719.D  
Acq: 1 Aug 2020 5:36

Tgt Ion:152 Resp: 91282  
Ion Ratio Lower Upper  
152 100  
115 62.6 31.8 95.4  
150 155.8 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



Time-->

