

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\  
 Data File : VX015823.D  
 Acq On : 22 Apr 2020 03:13  
 Operator : JC/SP  
 Sample : L2353-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VNJ-240

Quant Time: Apr 22 07:16:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 09:35:51 2020  
 Response via : Initial Calibration

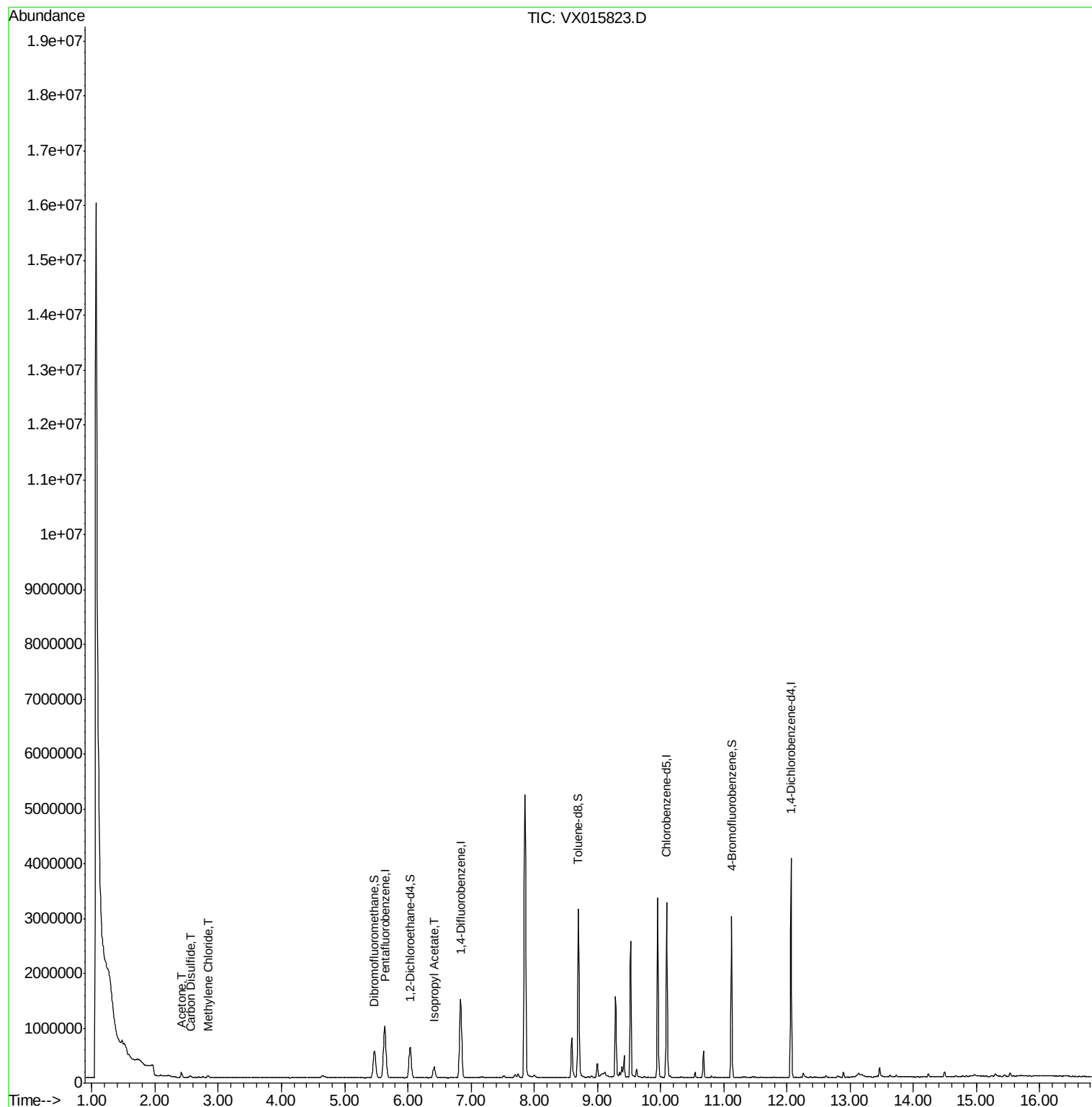
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.64  | 168  | 982686   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.84  | 114  | 1493373  | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 1452738  | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 820830   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 533698   | 38.51  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 77.02%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 426194   | 44.65  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 89.30%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 1793349  | 51.03  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.06% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 758529   | 53.11  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 106.22% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.42  | 43   | 102188   | 17.162 | ug/l    | 97       |
| 17) Carbon Disulfide        | 2.55  | 76   | 34399    | 1.215  | ug/l #  | 91       |
| 20) Methylene Chloride      | 2.84  | 84   | 16977    | 1.526  | ug/l #  | 89       |
| 43) Isopropyl Acetate       | 6.42  | 43   | 297738   | 9.844  | ug/l    | 99       |

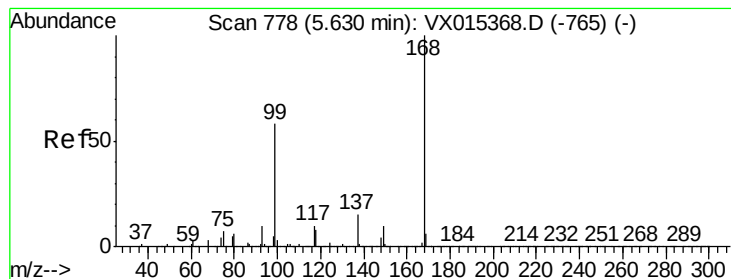
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042120\  
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Sample : L2353-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VNJ-240

Quant Time: Apr 22 07:16:48 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 27 09:35:51 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015823.D

Acq: 22 Apr 2020 03:13

Instrument :

MSVOA\_X

ClientSampleId :

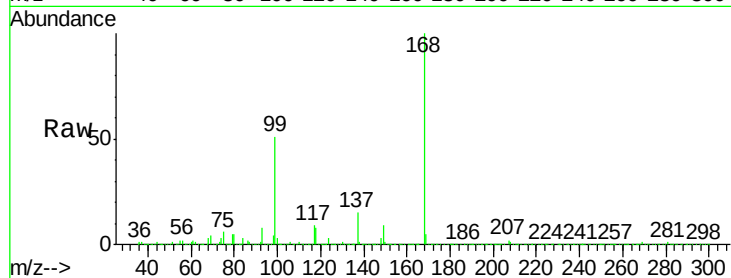
VNJ-240

Tot Ion:168 Resp: 982686

Ion Ratio Lower Upper

168 100

99 51.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

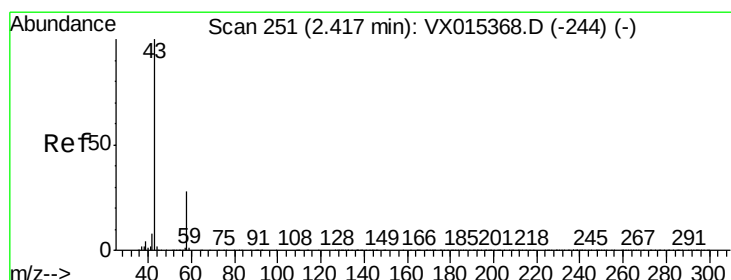
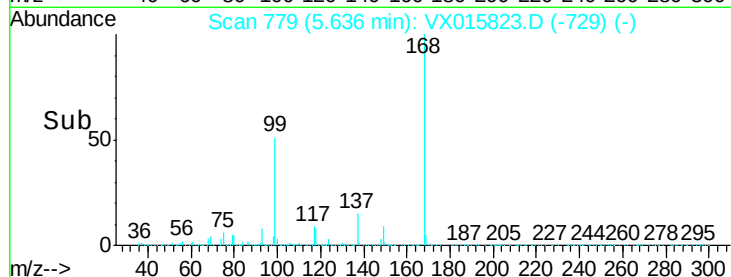
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 17.162 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015823.D

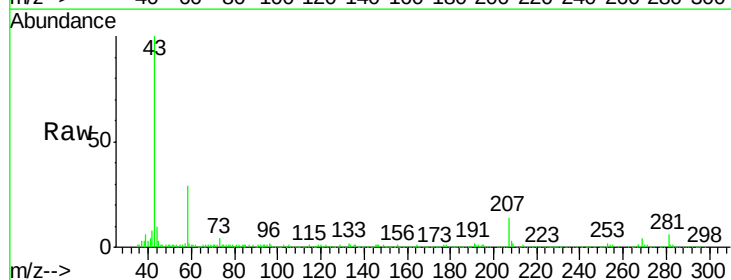
Acq: 22 Apr 2020 03:13

Tgt Ion: 43 Resp: 102188

Ion Ratio Lower Upper

43 100

58 29.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

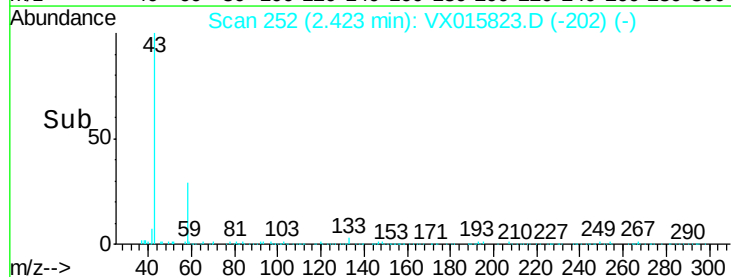
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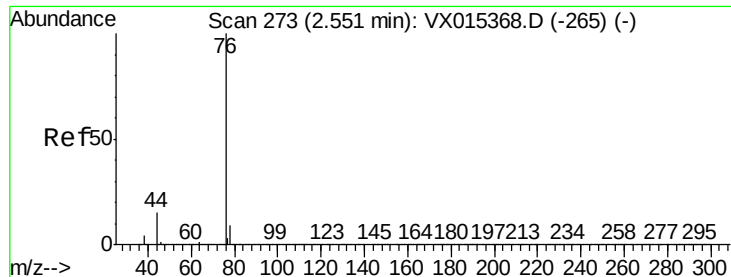
40000

20000

0

Time-->





#17

Carbon Disulfide

Concen: 1.215 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015823.D

Acq: 22 Apr 2020 03:13

Instrument :

MSVOA\_X

ClientSampleId :

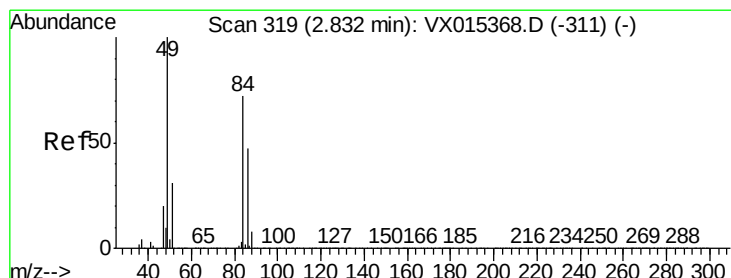
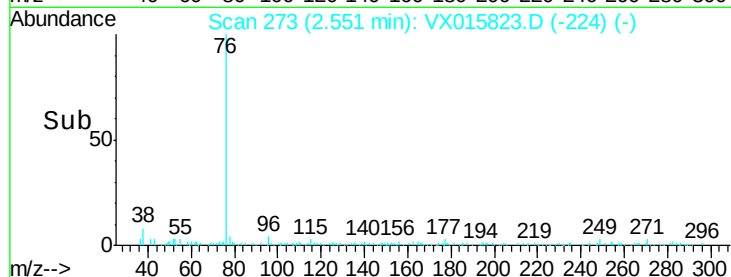
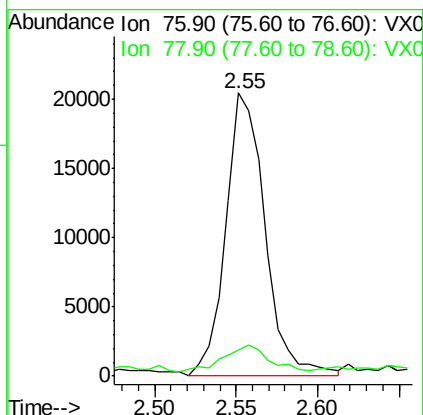
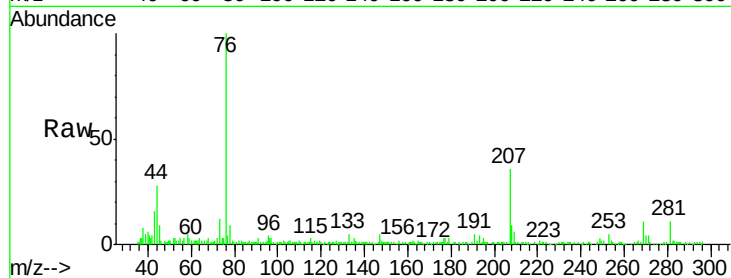
VNJ-240

Tot Ion: 76 Resp: 34399

Ion Ratio Lower Upper

76 100

78 5.5 7.1 10.7#



#20

Methylene Chloride

Concen: 1.526 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.01 min

Lab File: VX015823.D

Acq: 22 Apr 2020 03:13

Tgt Ion: 84 Resp: 16977

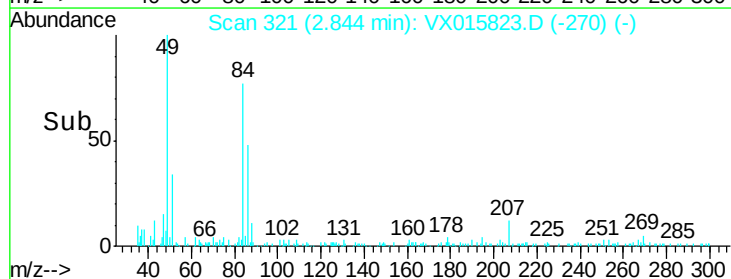
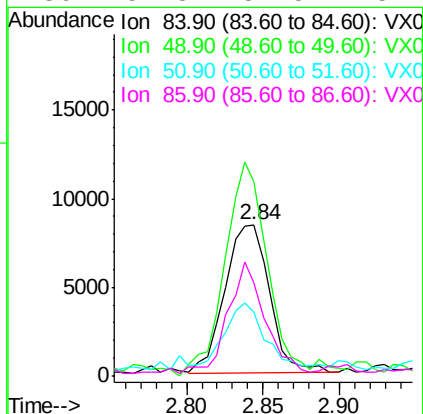
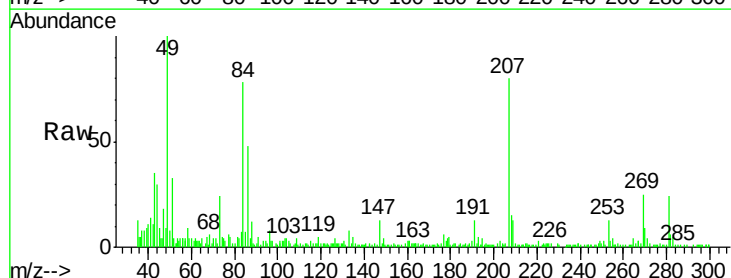
Ion Ratio Lower Upper

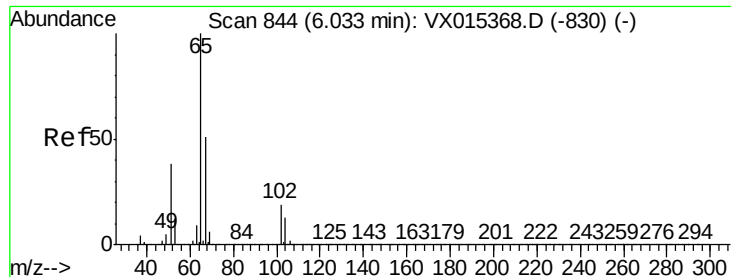
84 100

49 126.5 111.3 166.9

51 33.4 34.0 51.0#

86 57.8 52.5 78.7

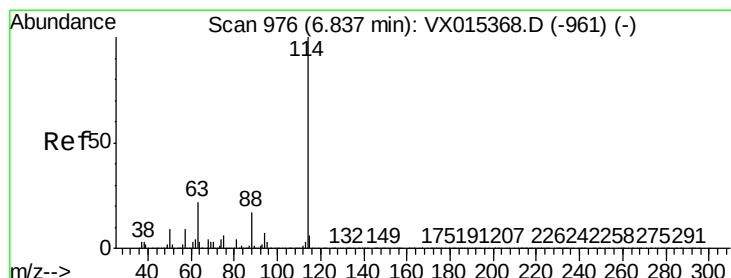
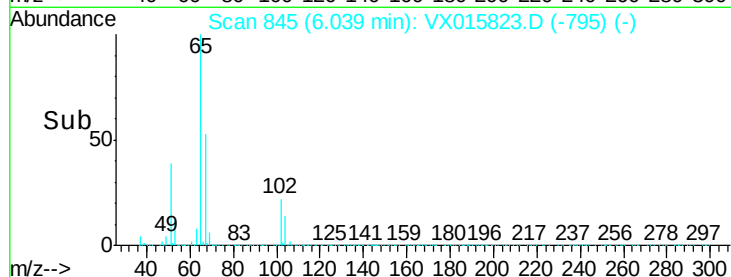
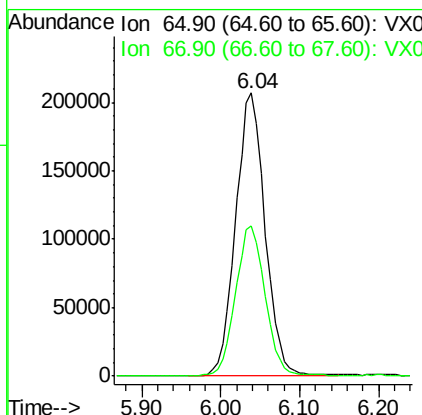




#33  
 1,2-Dichloroethane-d4  
 Concen: 38.507 ug/l  
 RT: 6.04 min Scan# 845  
 Delta R.T. 0.01 min  
 Lab File: VX015823.D  
 Acq: 22 Apr 2020 03:13

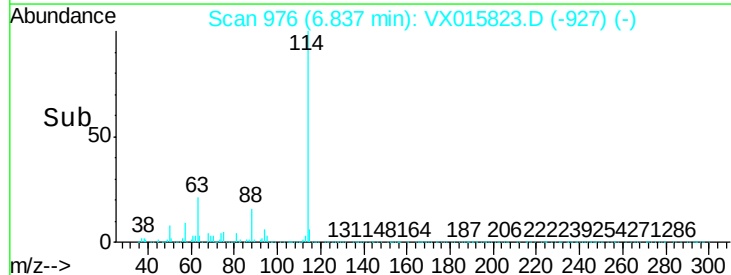
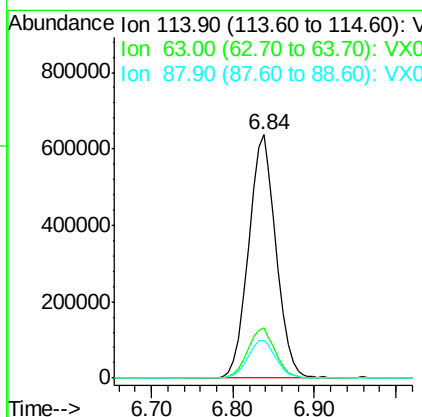
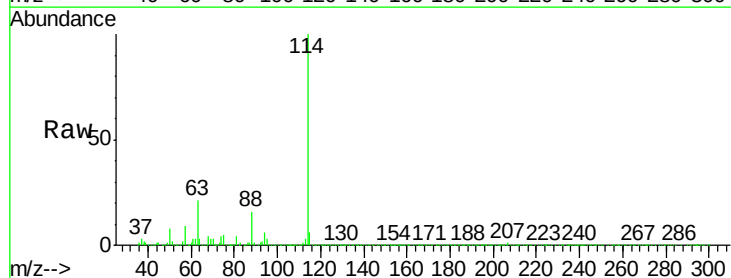
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VNJ-240

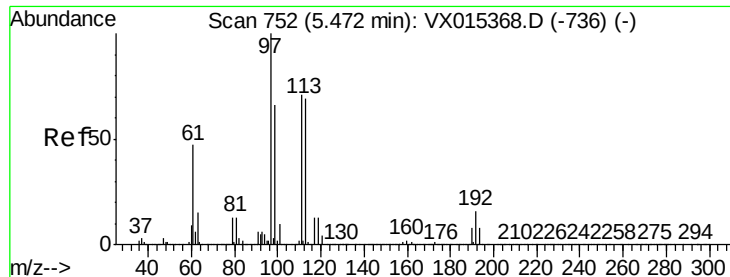
Tot Ion: 65 Resp: 533698  
 Ion Ratio Lower Upper  
 65 100  
 67 53.2 0.0 102.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 976  
 Delta R.T. 0.00 min  
 Lab File: VX015823.D  
 Acq: 22 Apr 2020 03:13

Tgt Ion: 114 Resp: 1493373  
 Ion Ratio Lower Upper  
 114 100  
 63 20.5 0.0 44.2  
 88 15.6 0.0 33.8

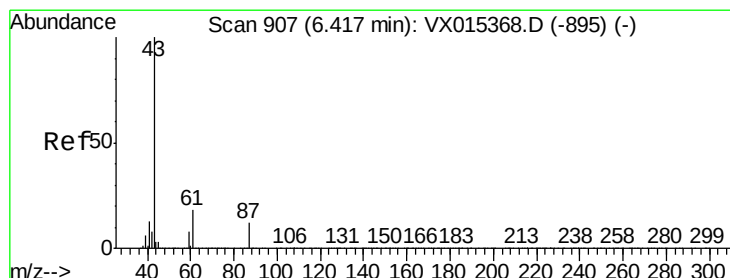
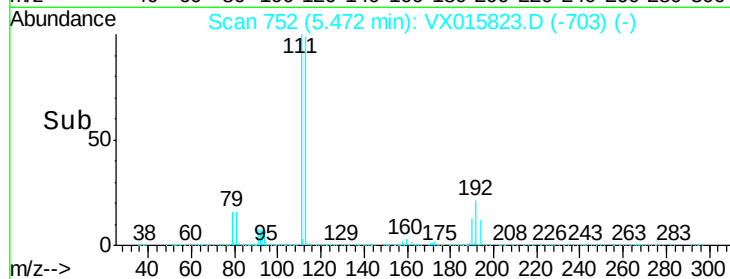
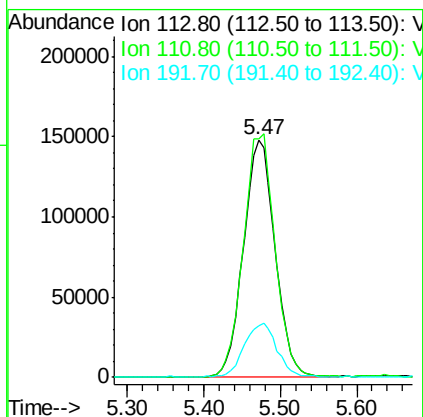
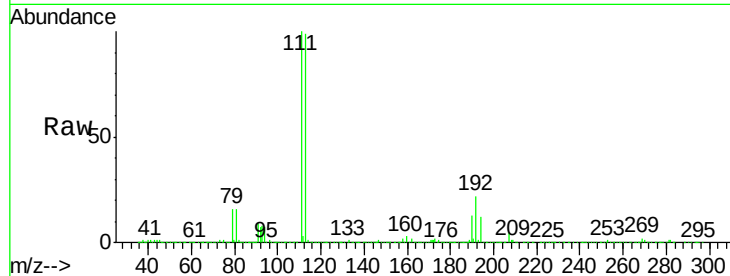




#35  
 Dibromofluoromethane  
 Concen: 44.646 ug/l  
 RT: 5.47 min Scan# 752  
 Delta R.T. 0.00 min  
 Lab File: VX015823.D  
 Acq: 22 Apr 2020 03:13

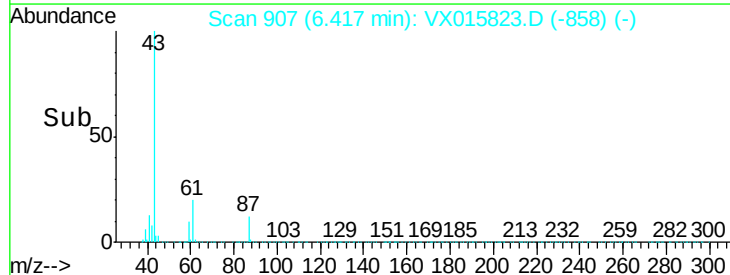
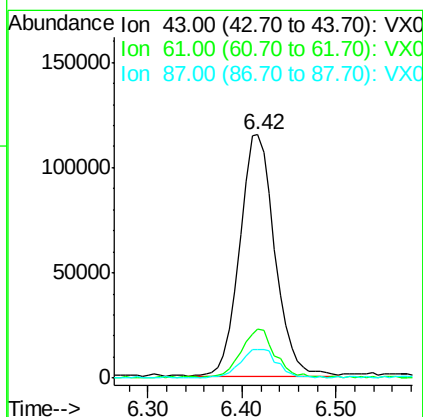
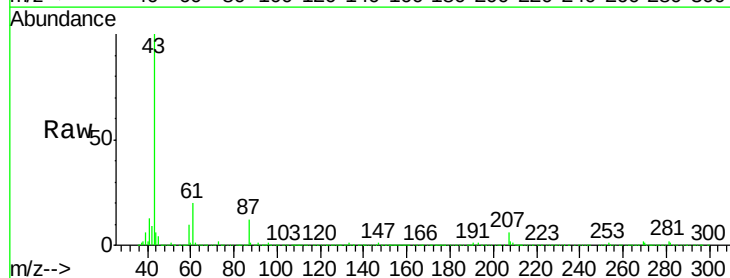
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VNJ-240

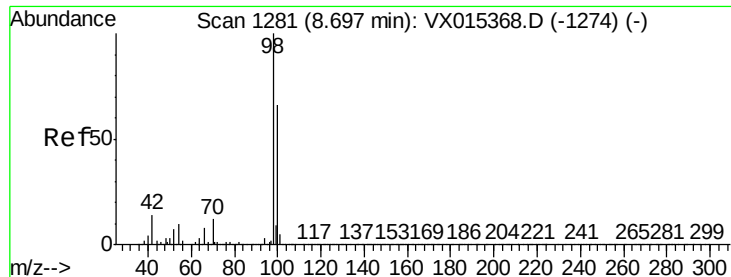
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.4 | 81.5  | 122.3 |
| 192     | 23.4  | 17.8  | 26.6  |



#43  
 Isopropyl Acetate  
 Concen: 9.844 ug/l  
 RT: 6.42 min Scan# 907  
 Delta R.T. 0.00 min  
 Lab File: VX015823.D  
 Acq: 22 Apr 2020 03:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.2  | 14.8  | 22.2  |
| 87      | 12.1  | 9.4   | 14.0  |





#50

Toluene-d8

Concen: 51.026 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015823.D

Acq: 22 Apr 2020 03:13

Instrument :

MSVOA\_X

ClientSampleId :

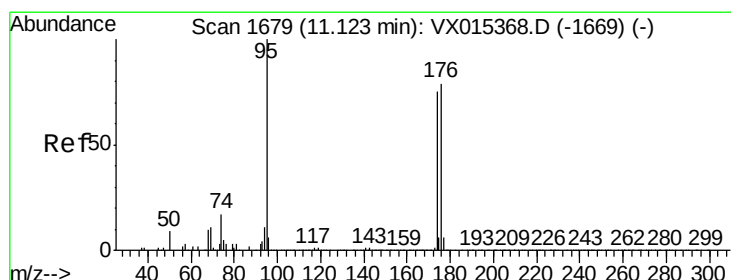
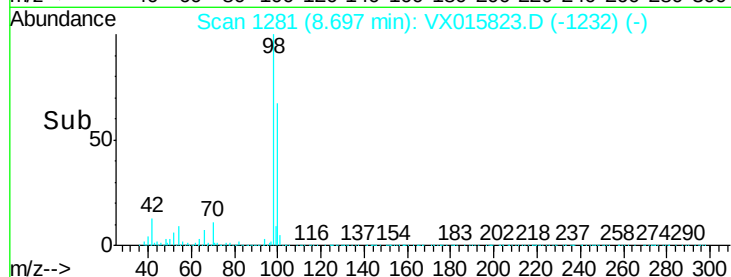
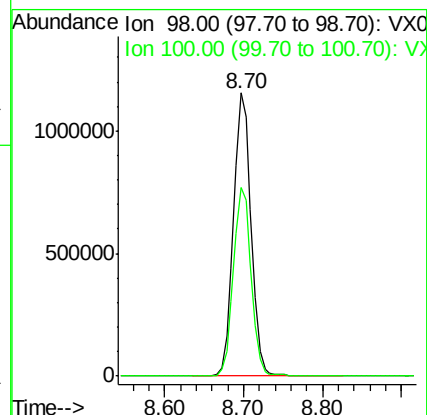
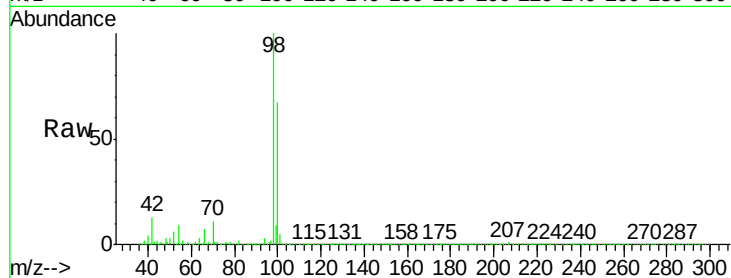
VNJ-240

Tot Ion: 98 Resp: 1793349

Ion Ratio Lower Upper

98 100

100 67.2 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 53.106 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015823.D

Acq: 22 Apr 2020 03:13

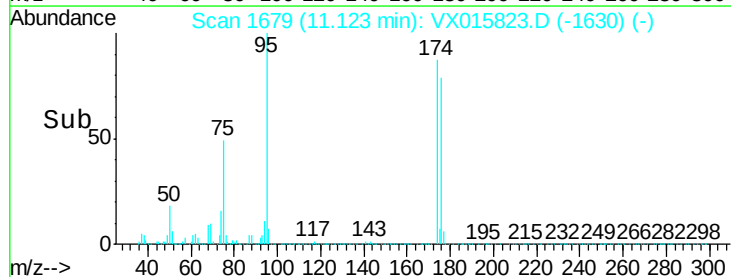
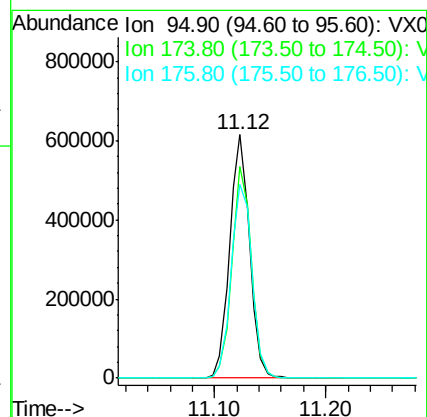
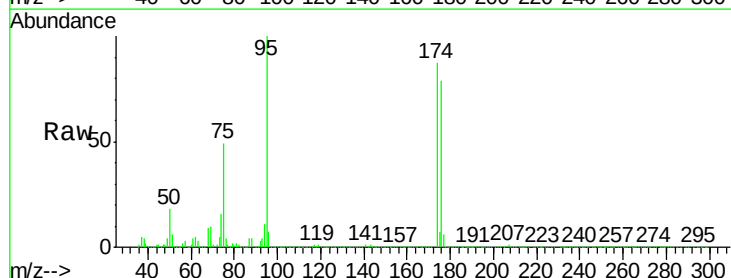
Tgt Ion: 95 Resp: 758529

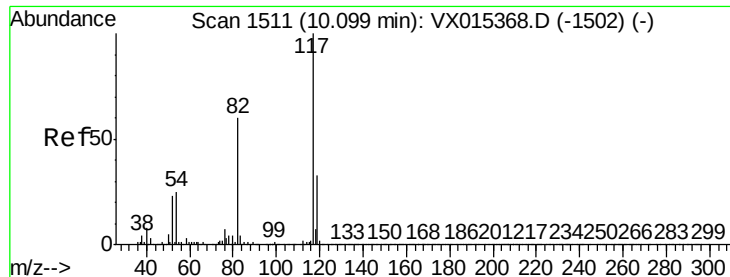
Ion Ratio Lower Upper

95 100

174 85.3 0.0 158.6

176 83.6 0.0 159.0

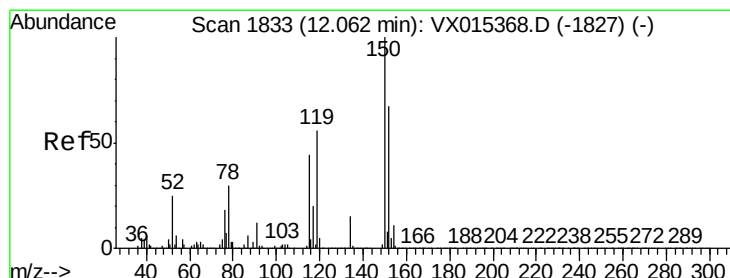
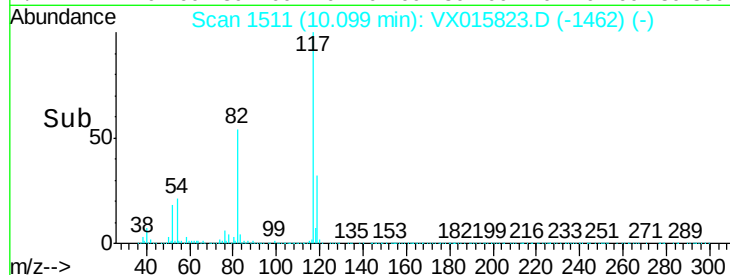
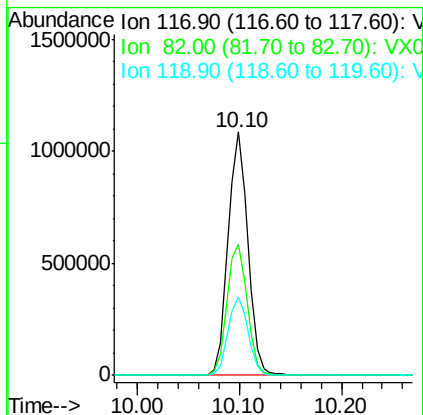
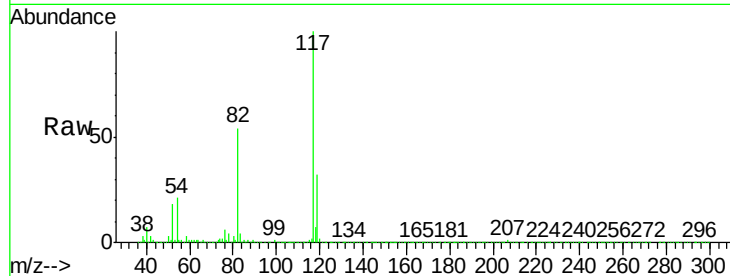




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: VX015823.D  
Acq: 22 Apr 2020 03:13

Instrument :  
MSVOA\_X  
ClientSampled :  
VNJ-240

Tot Ion:117 Resp: 1452738  
Ion Ratio Lower Upper  
117 100  
82 53.7 47.8 71.8  
119 32.2 26.8 40.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1833  
Delta R.T. 0.00 min  
Lab File: VX015823.D  
Acq: 22 Apr 2020 03:13

Tgt Ion:152 Resp: 820830  
Ion Ratio Lower Upper  
152 100  
115 56.4 39.0 116.9  
150 159.2 0.0 340.8

