

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\  
 Data File : VX019732.D  
 Acq On : 04 Dec 2020 21:13  
 Operator : JC/MD  
 Sample : L4960-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BES-13SR

Quant Time: Dec 05 04:57:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X120420W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 04 15:32:53 2020  
 Response via : Initial Calibration

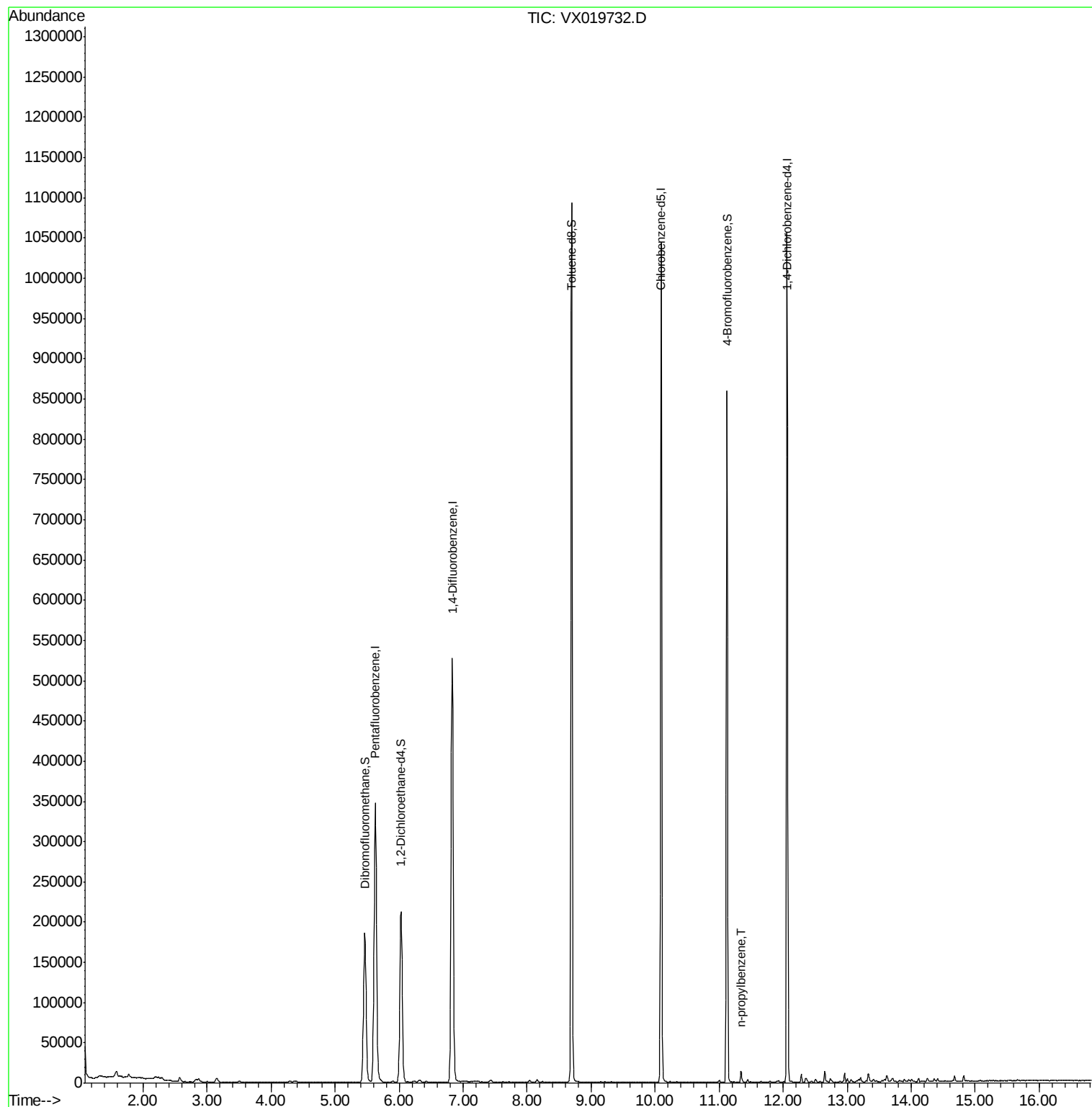
| Internal Standards          | R.T.           | QIon | Response   | Conc   | Units | Dev(Min)  |
|-----------------------------|----------------|------|------------|--------|-------|-----------|
| 1) Pentafluorobenzene       | 5.63           | 168  | 335541     | 50.00  | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.83           | 114  | 541630     | 50.00  | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.10          | 117  | 491682     | 50.00  | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.06          | 152  | 216275     | 50.00  | ug/l  | 0.00      |
| System Monitoring Compounds |                |      |            |        |       |           |
| 33) 1,2-Dichloroethane-d4   | 6.03           | 65   | 203061     | 46.05  | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 92.10% |       |           |
| 35) Dibromofluoromethane    | 5.46           | 113  | 163393     | 46.68  | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 93.36% |       |           |
| 50) Toluene-d8              | 8.70           | 98   | 647274     | 48.43  | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 96.86% |       |           |
| 62) 4-Bromofluorobenzene    | 11.12          | 95   | 230889     | 45.39  | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 90.78% |       |           |
| Target Compounds            |                |      |            |        |       |           |
| 78) n-propylbenzene         | 11.34          | 91   | 8205       | 0.486  | ug/l  | Qvalue 99 |

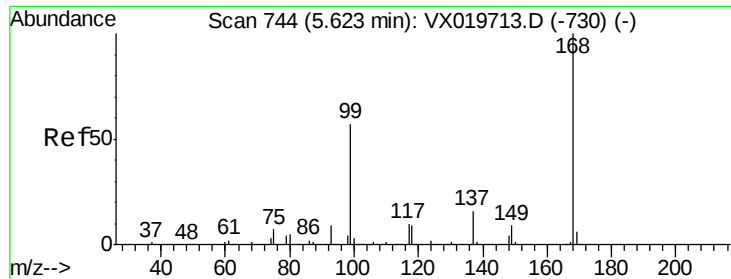
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120420\  
Data File : VX019732.D  
Acq On : 04 Dec 2020 21:13  
Operator : JC/MD  
Sample : L4960-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BES-13SR

Quant Time: Dec 05 04:57:44 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X120420W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 04 15:32:53 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019732.D

Acq: 04 Dec 2020 21:13

Instrument :

MSVOA\_X

ClientSampleId :

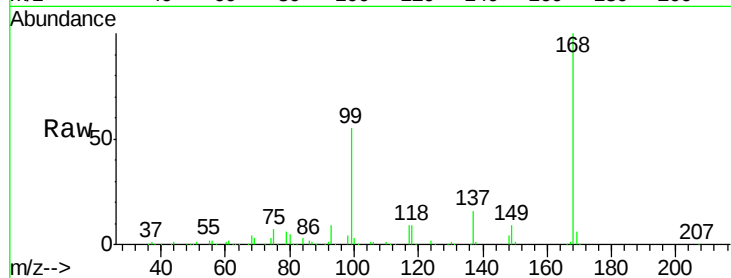
BES-13SR

Tot Ion:168 Resp: 335541

Ion Ratio Lower Upper

168 100

99 54.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

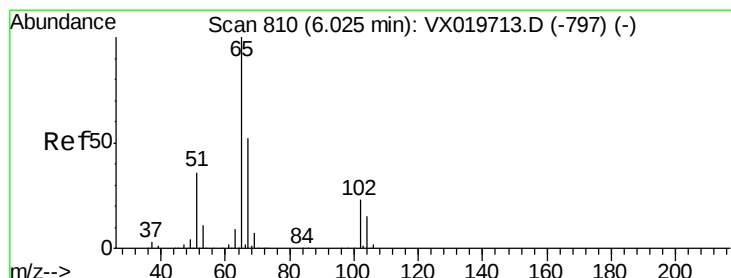
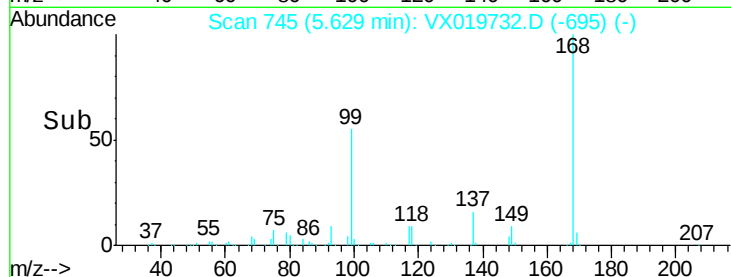
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.046 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019732.D

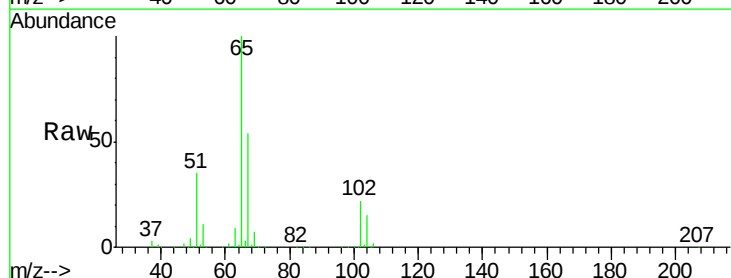
Acq: 04 Dec 2020 21:13

Tgt Ion: 65 Resp: 203061

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

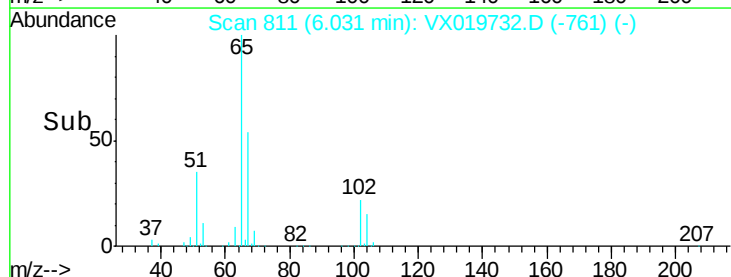
40000

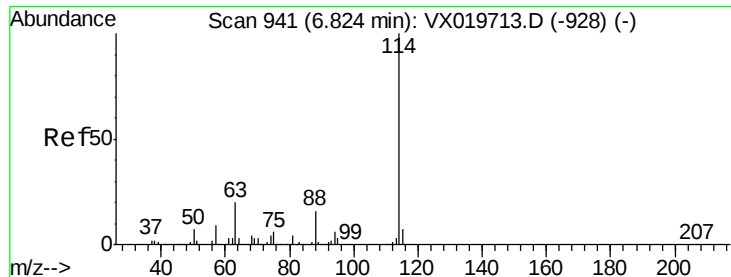
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019732.D

Acq: 04 Dec 2020 21:13

Instrument :

MSVOA\_X

ClientSampleId :

BES-13SR

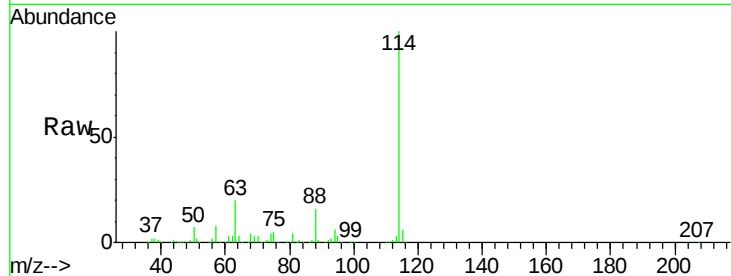
Tot Ion:114 Resp: 541630

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

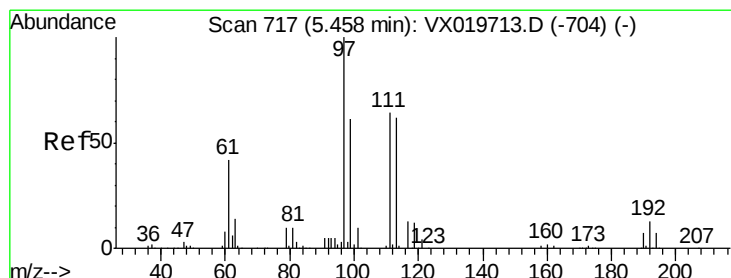
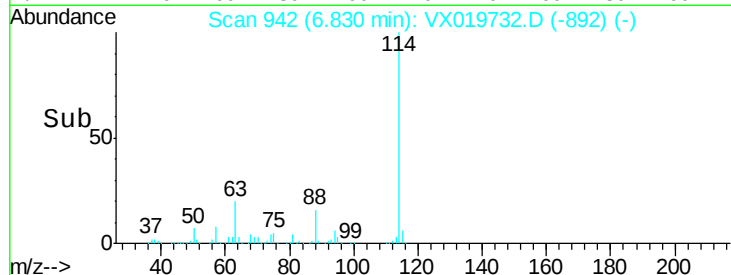
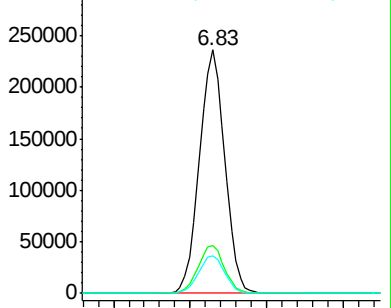
88 15.6 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.677 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019732.D

Acq: 04 Dec 2020 21:13

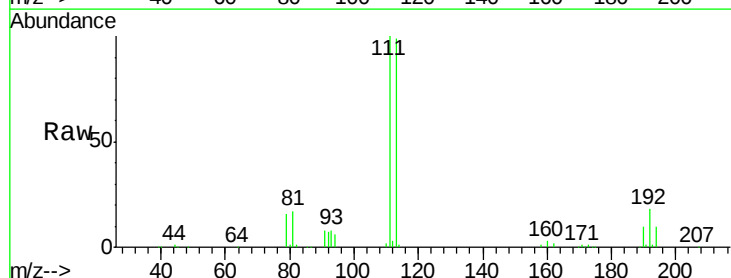
Tgt Ion:113 Resp: 163393

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

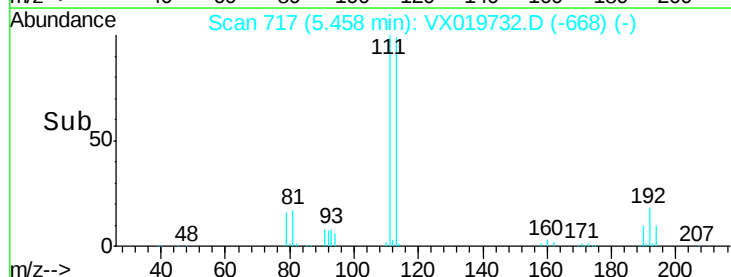
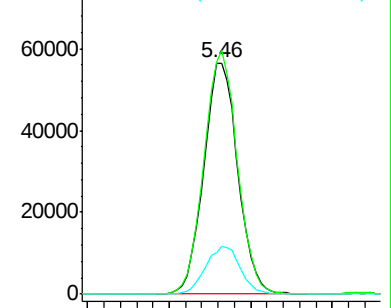
192 20.9 16.7 25.1

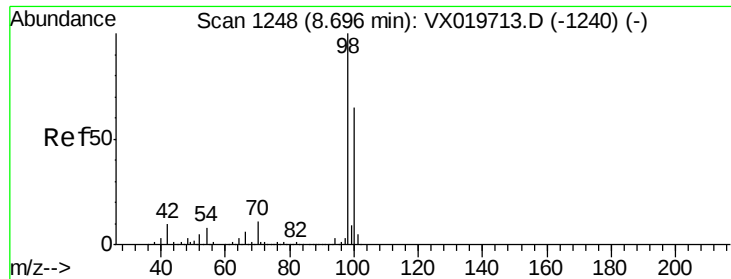


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.435 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019732.D

Acq: 04 Dec 2020 21:13

Instrument :

MSVOA\_X

ClientSampleId :

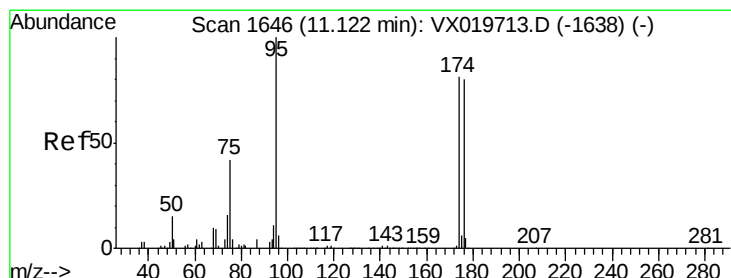
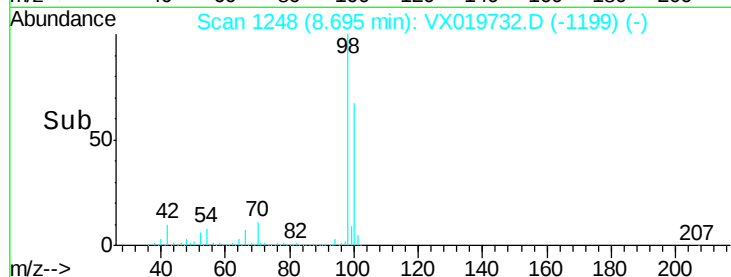
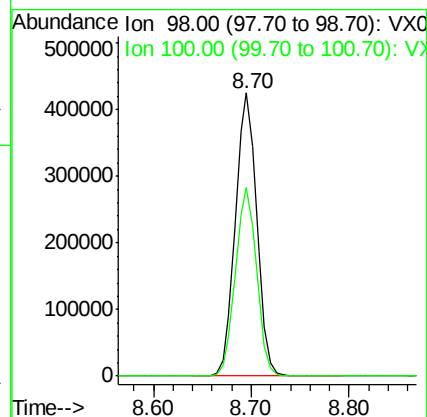
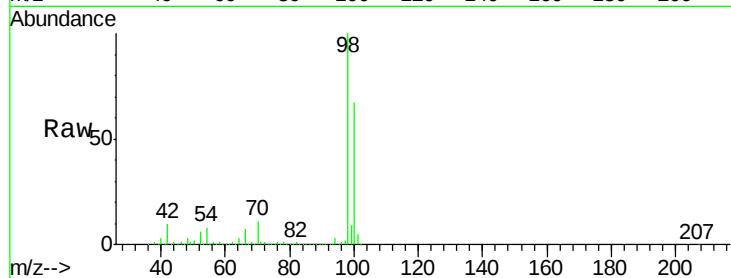
BES-13SR

Tot Ion: 98 Resp: 647274

Ion Ratio Lower Upper

98 100

100 65.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.393 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019732.D

Acq: 04 Dec 2020 21:13

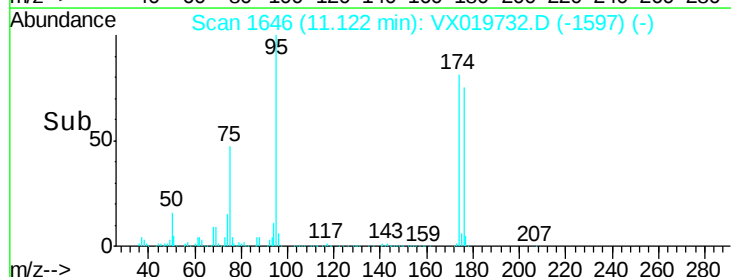
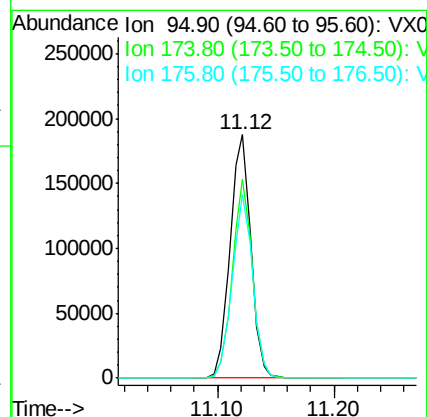
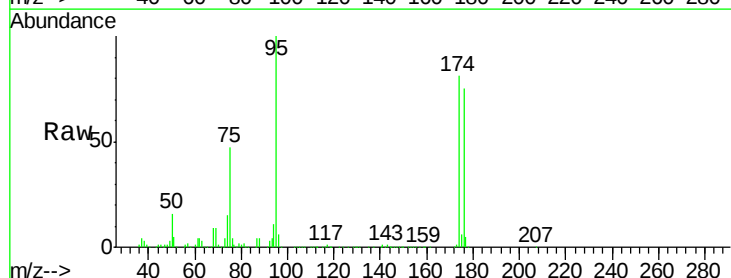
Tgt Ion: 95 Resp: 230889

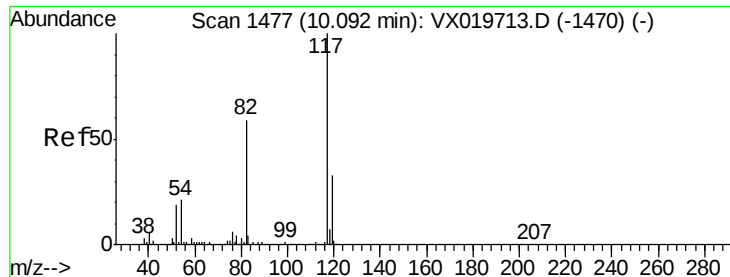
Ion Ratio Lower Upper

95 100

174 78.7 0.0 154.6

176 74.5 0.0 155.8

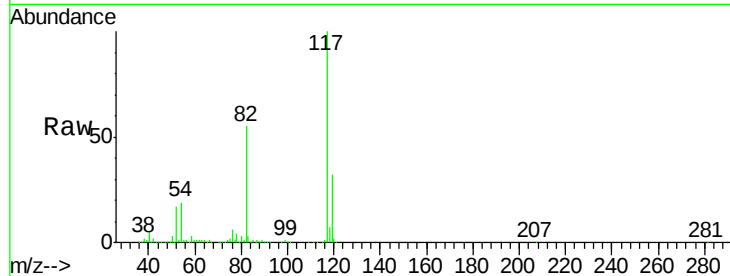




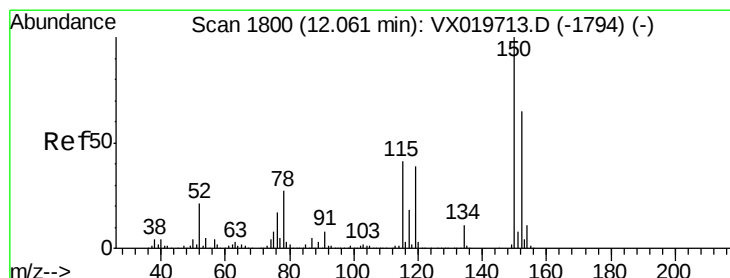
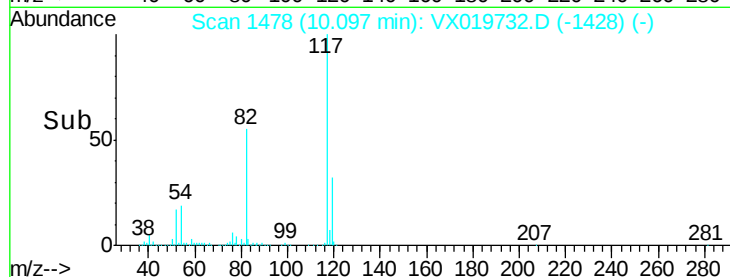
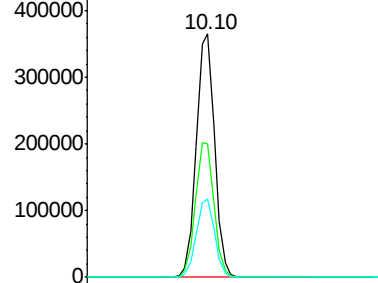
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.01 min  
Lab File: VX019732.D  
Acq: 04 Dec 2020 21:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
BES-13SR

Tot Ion:117 Resp: 491682  
Ion Ratio Lower Upper  
117 100  
82 54.7 47.4 71.2  
119 32.2 26.6 39.8

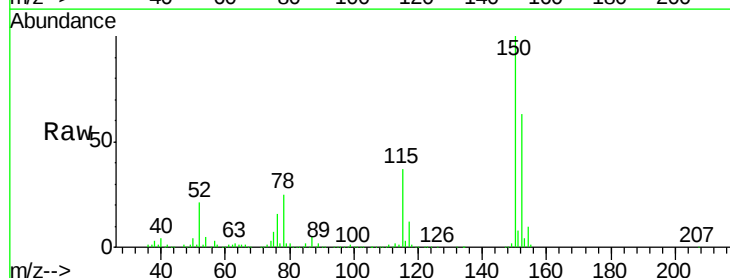


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

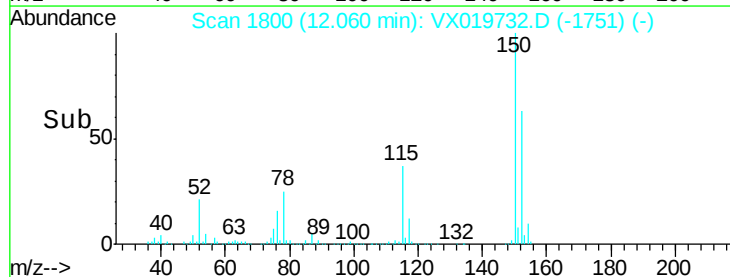
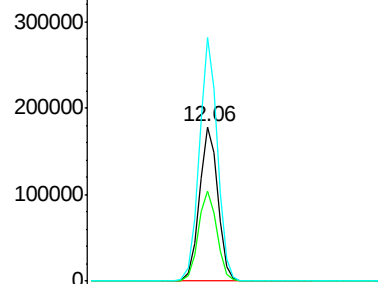


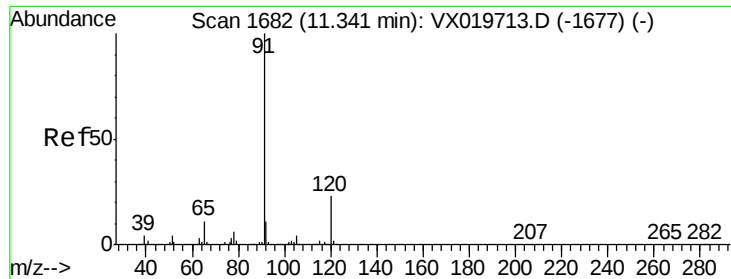
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX019732.D  
Acq: 04 Dec 2020 21:13

Tgt Ion:152 Resp: 216275  
Ion Ratio Lower Upper  
152 100  
115 58.8 41.1 123.3  
150 155.0 0.0 349.0



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





#78

n-propylbenzene

Concen: 0.486 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019732.D

Acq: 04 Dec 2020 21:13

Instrument :

MSVOA\_X

ClientSampleId :

BES-13SR

Tot Ion: 91 Resp: 8205

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.5

