

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\  
 Data File : VX015568.D  
 Acq On : 08 Apr 2020 14:54  
 Operator : JC/SP  
 Sample : L2190-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 KY062MW144-200406

Quant Time: Apr 09 07:20:59 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

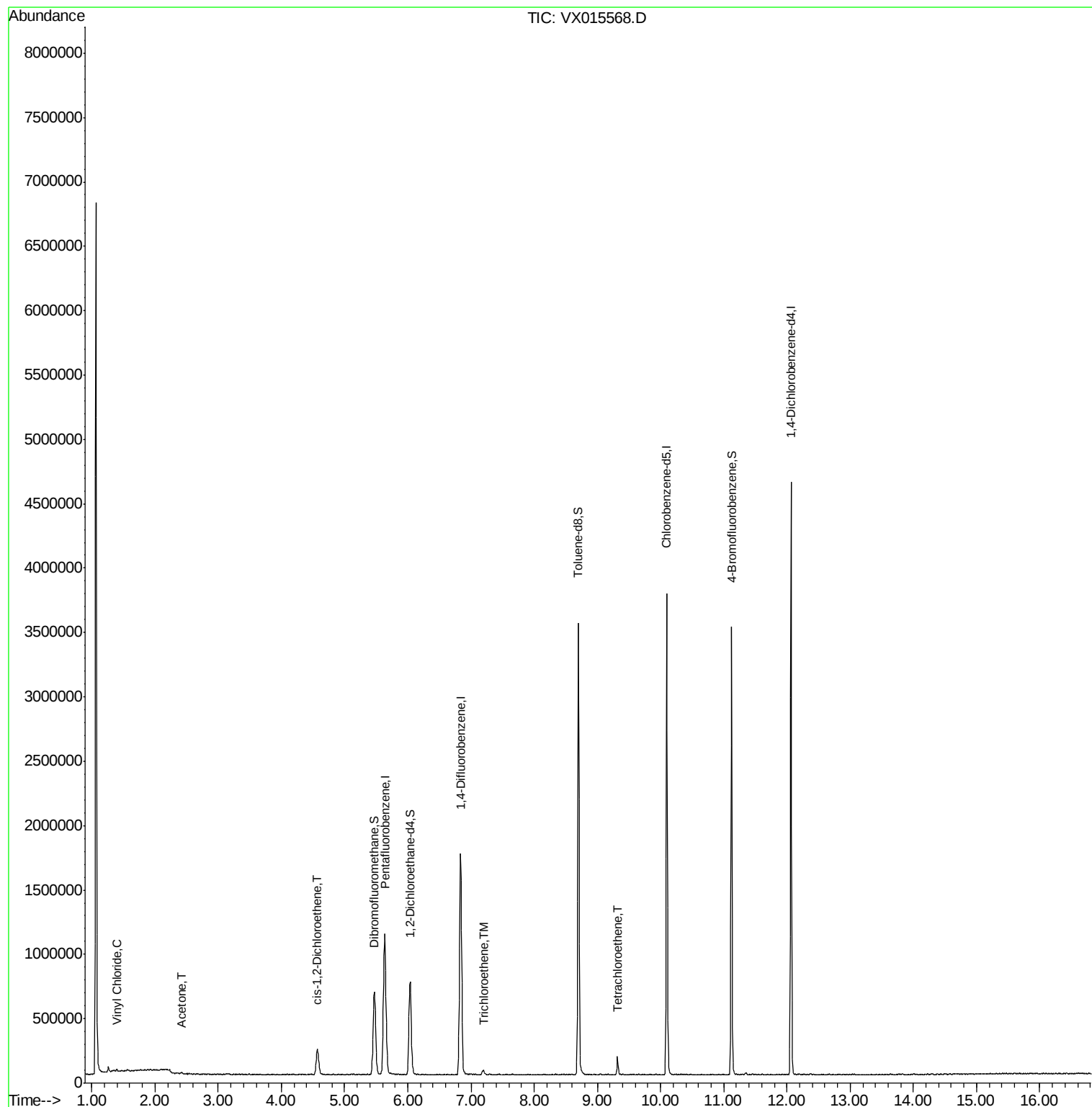
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.64  | 168  | 1068969  | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.84  | 114  | 1717041  | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 1617410  | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 914098   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 712460   | 47.26 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.52%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 528647   | 48.16 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.32%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 2033473  | 50.32 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 100.64% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 886541   | 53.98 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 107.96% |          |
| Target Compounds            |       |      |          |       |         |          |
| 4) Vinyl Chloride           | 1.39  | 62   | 10787    | 0.980 | ug/l    | 99       |
| 16) Acetone                 | 2.42  | 43   | 13391    | 2.067 | ug/l #  | 81       |
| 27) cis-1,2-Dichloroethene  | 4.57  | 96   | 123746   | 9.550 | ug/l    | 90       |
| 44) Trichloroethene         | 7.20  | 130  | 16081    | 1.272 | ug/l    | 96       |
| 64) Tetrachloroethene       | 9.32  | 164  | 27583    | 2.260 | ug/l    | 91       |

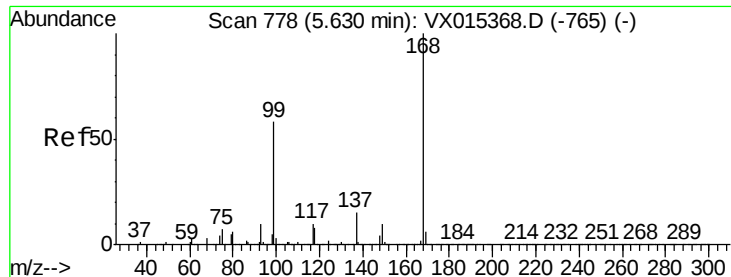
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040820\  
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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: VX015568.D

Acq: 08 Apr 2020 14:54

Instrument :

MSVOA\_X

ClientSampleId :

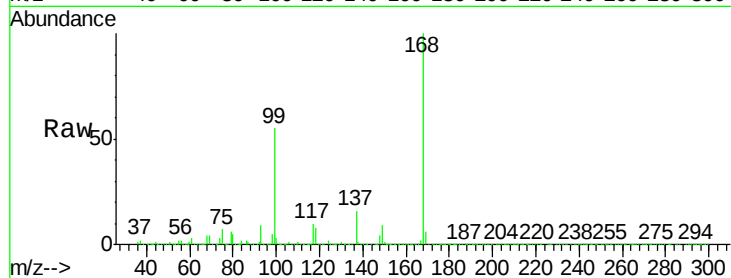
KY062MW144-200406

Tot Ion:168 Resp: 1068969

Ion Ratio Lower Upper

168 100

99 55.2 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

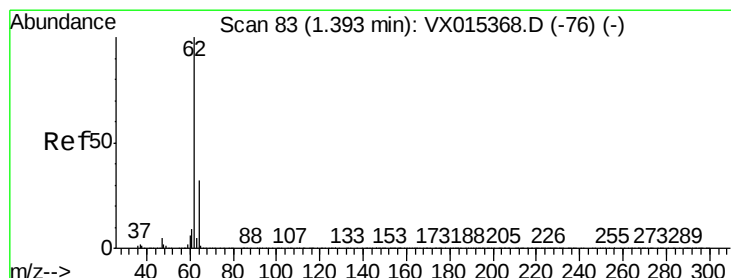
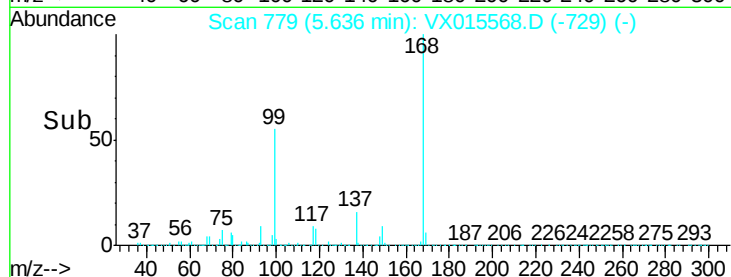
0

5.50

5.60

5.70

Time-->



#4

Vinyl Chloride

Concen: 0.980 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015568.D

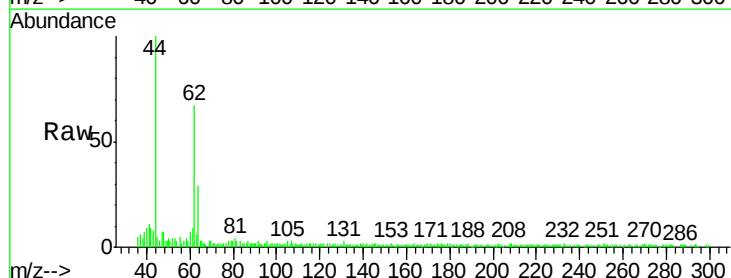
Acq: 08 Apr 2020 14:54

Tgt Ion: 62 Resp: 10787

Ion Ratio Lower Upper

62 100

64 33.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

12000

10000

8000

6000

4000

2000

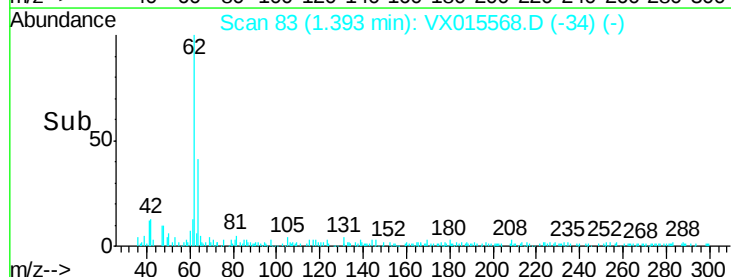
0

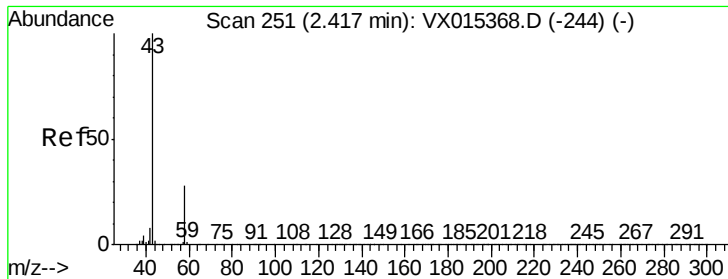
1.35

1.40

1.45

Time-->





#16

Acetone

Concen: 2.067 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015568.D

Acq: 08 Apr 2020 14:54

Instrument :

MSVOA\_X

ClientSampleId :

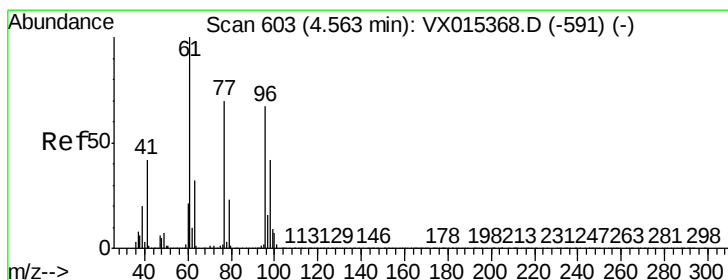
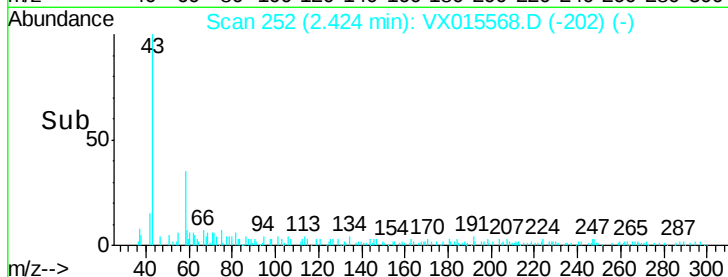
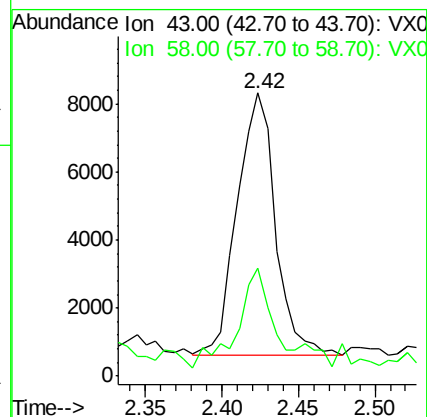
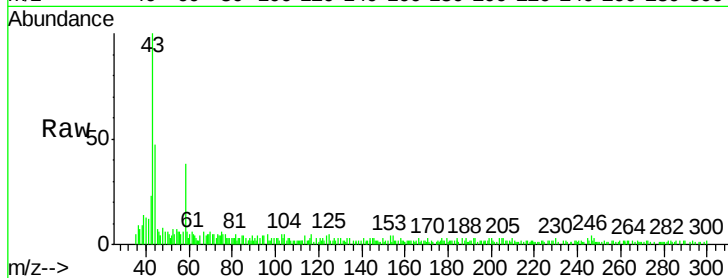
KY062MW144-200406

Tot Ion: 43 Resp: 13391

Ion Ratio Lower Upper

43 100

58 37.8 22.1 33.1#



#27

cis-1,2-Dichloroethene

Concen: 9.550 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015568.D

Acq: 08 Apr 2020 14:54

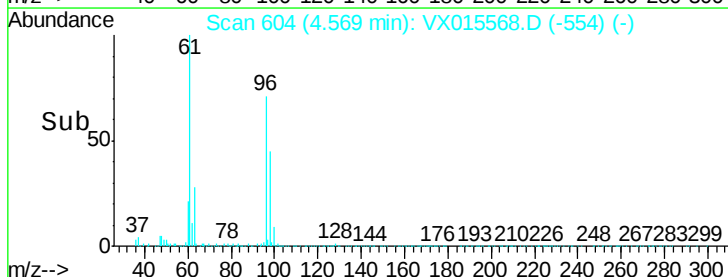
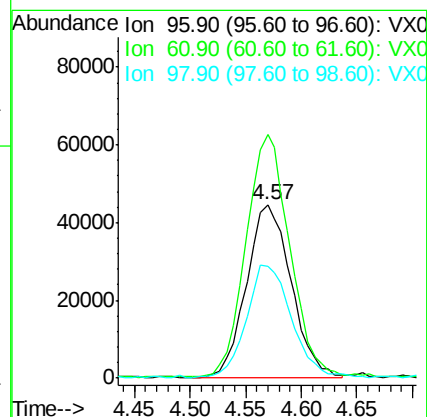
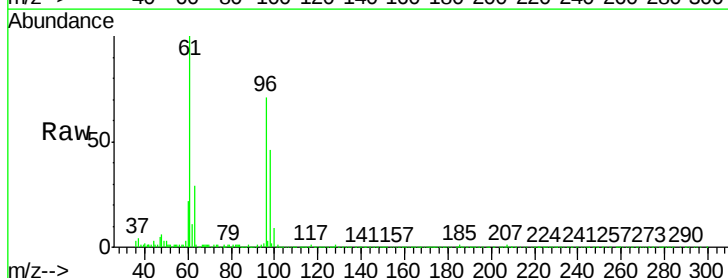
Tgt Ion: 96 Resp: 123746

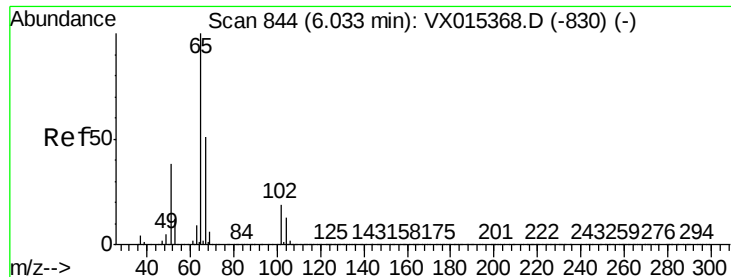
Ion Ratio Lower Upper

96 100

61 137.4 0.0 308.4

98 66.8 0.0 129.2





#33

1,2-Dichloroethane-d4

Concen: 47.256 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015568.D

Acq: 08 Apr 2020 14:54

Instrument :

MSVOA\_X

ClientSampleId :

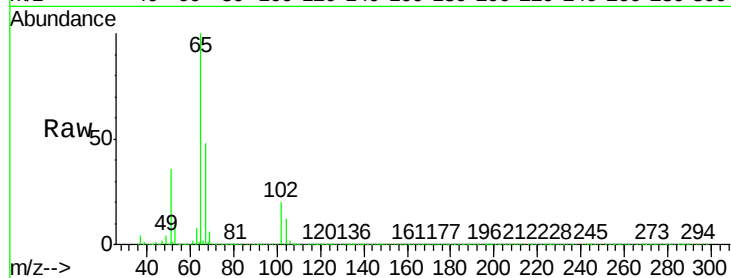
KY062MW144-200406

Tot Ion: 65 Resp: 712460

Ion Ratio Lower Upper

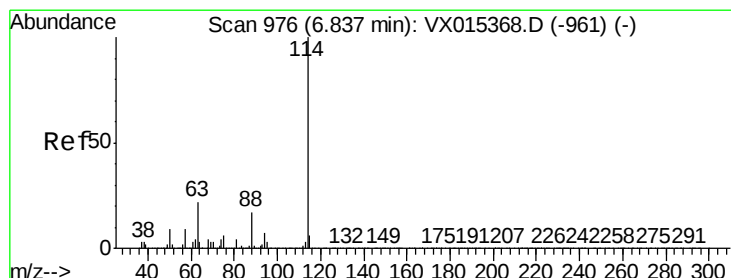
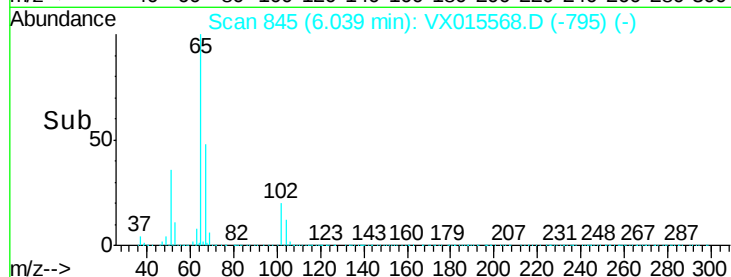
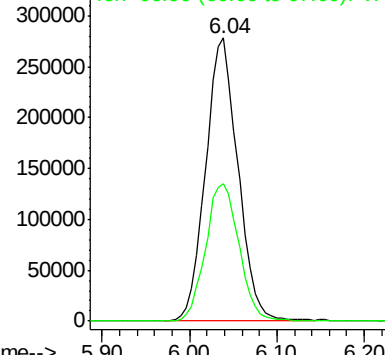
65 100

67 50.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015568.D

Acq: 08 Apr 2020 14:54

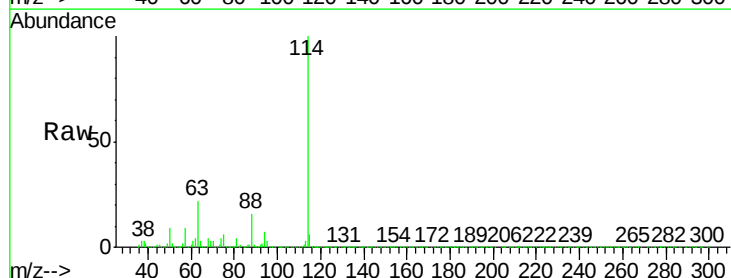
Tgt Ion: 114 Resp: 1717041

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.2

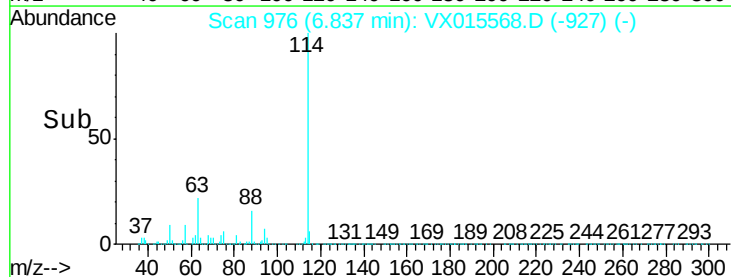
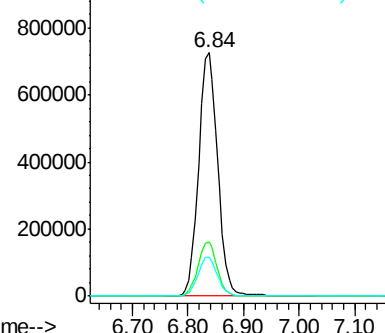
88 16.1 0.0 33.8

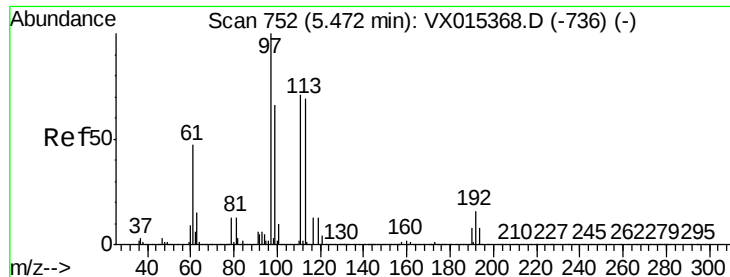


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.165 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015568.D

Acq: 08 Apr 2020 14:54

Instrument :

MSVOA\_X

ClientSampleId :

KY062MW144-200406

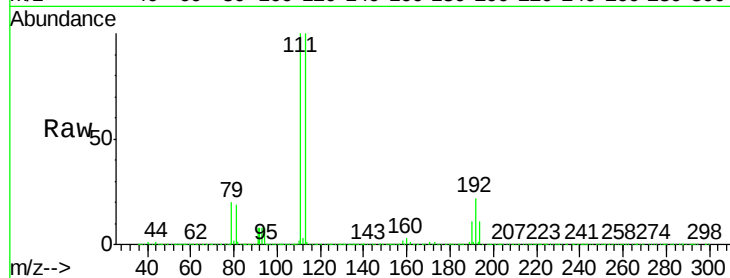
Tot Ion:113 Resp: 528647

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

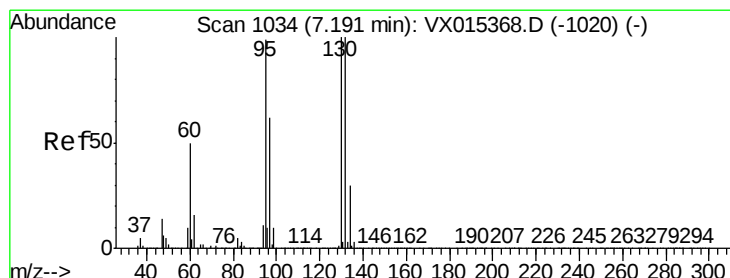
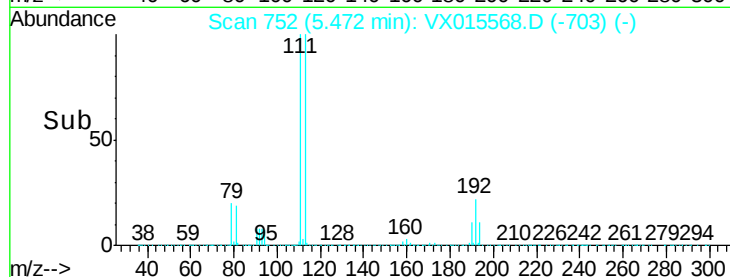
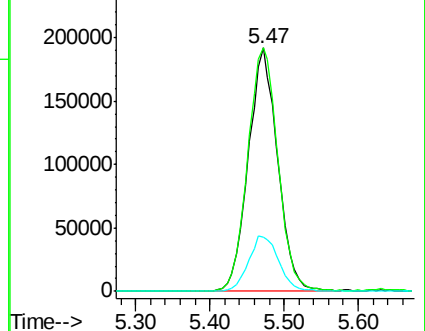
192 23.5 17.8 26.6



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



#44

Trichloroethene

Concen: 1.272 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX015568.D

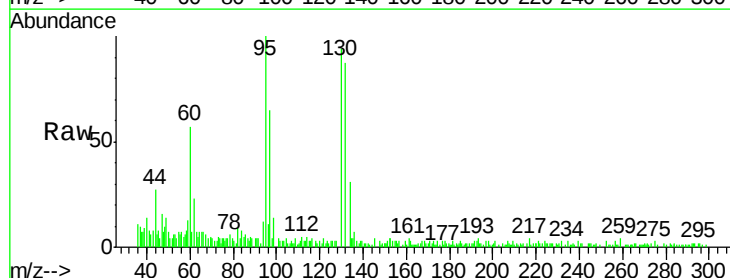
Acq: 08 Apr 2020 14:54

Tgt Ion:130 Resp: 16081

Ion Ratio Lower Upper

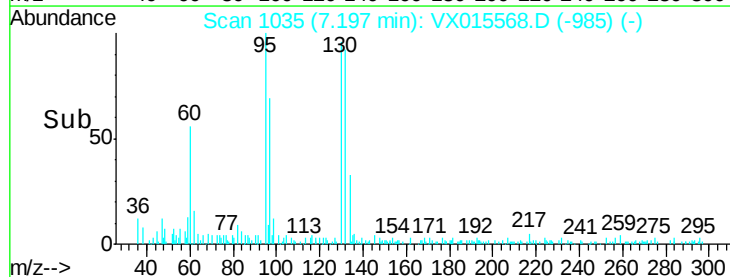
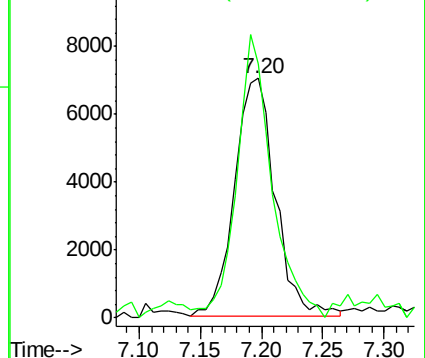
130 100

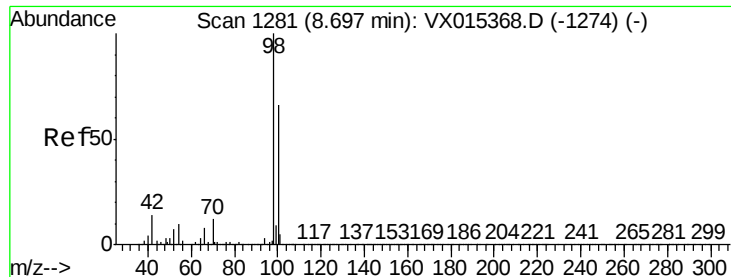
95 103.7 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

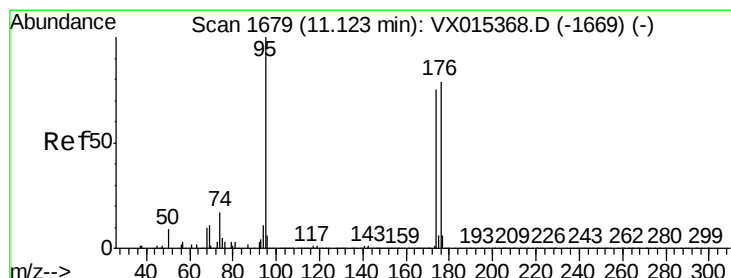
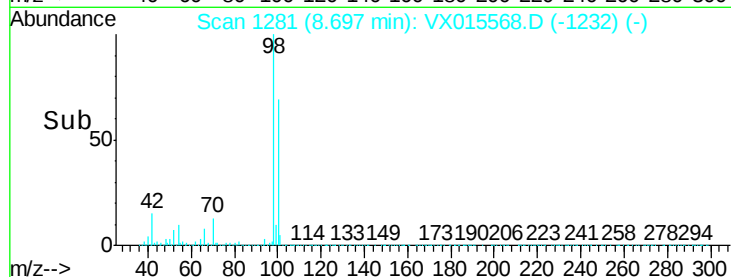
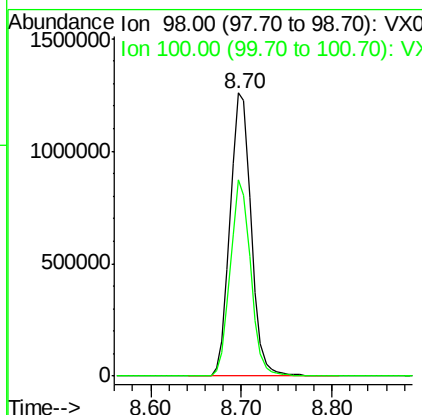
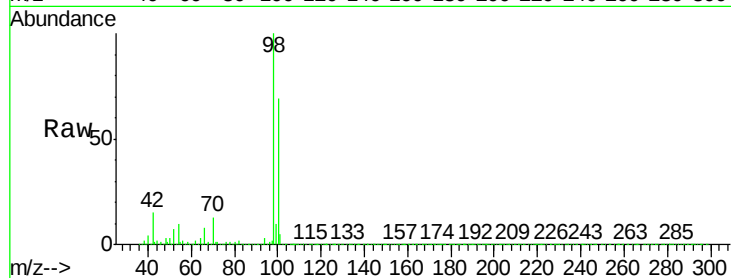




#50  
Toluene-d8  
Concen: 50.321 ug/l  
RT: 8.70 min Scan# 1281  
Delta R.T. 0.00 min  
Lab File: VX015568.D  
Acq: 08 Apr 2020 14:54

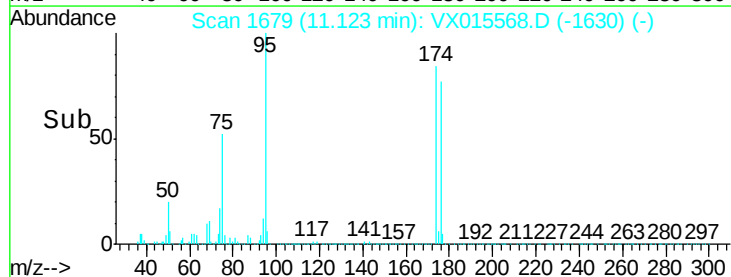
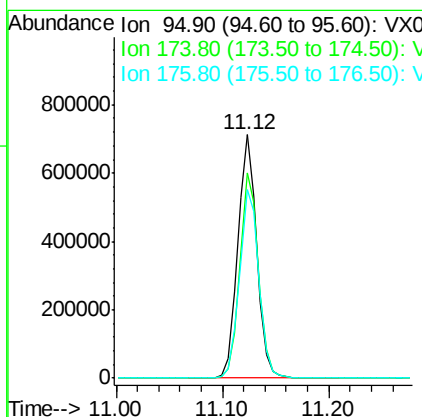
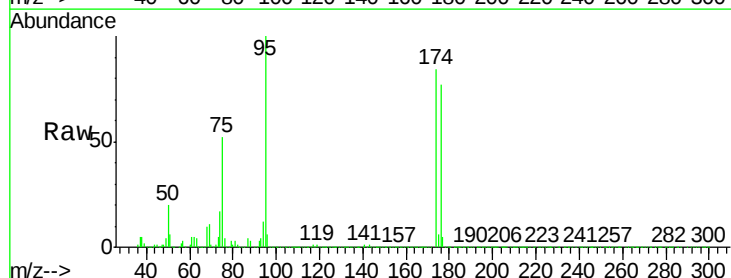
Instrument :  
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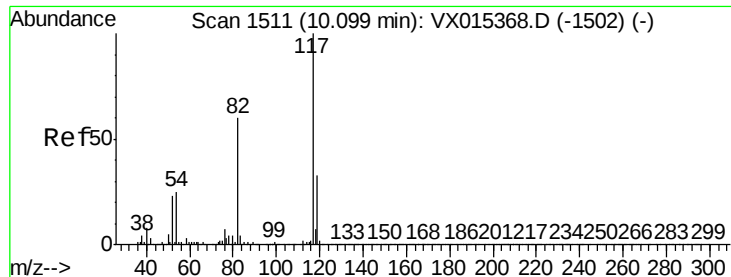
Tot Ion: 98 Resp: 2033473  
Ion Ratio Lower Upper  
98 100  
100 67.3 53.5 80.3



#62  
4-Bromofluorobenzene  
Concen: 53.983 ug/l  
RT: 11.12 min Scan# 1679  
Delta R.T. 0.00 min  
Lab File: VX015568.D  
Acq: 08 Apr 2020 14:54

Tgt Ion: 95 Resp: 886541  
Ion Ratio Lower Upper  
95 100  
174 83.2 0.0 158.6  
176 79.1 0.0 159.0

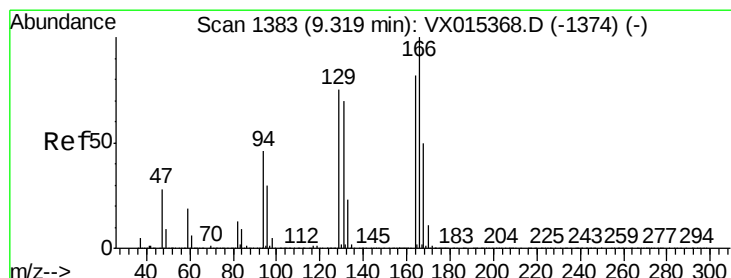
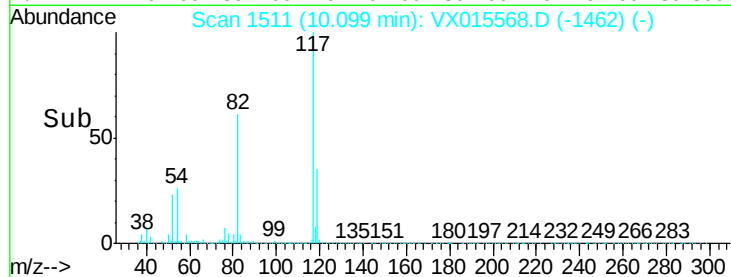
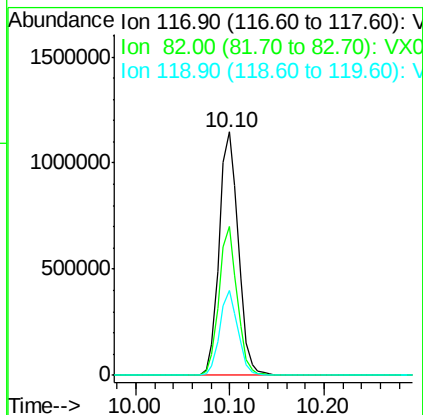
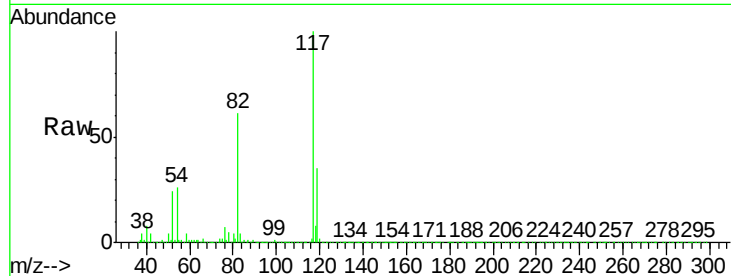




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: VX015568.D  
Acq: 08 Apr 2020 14:54

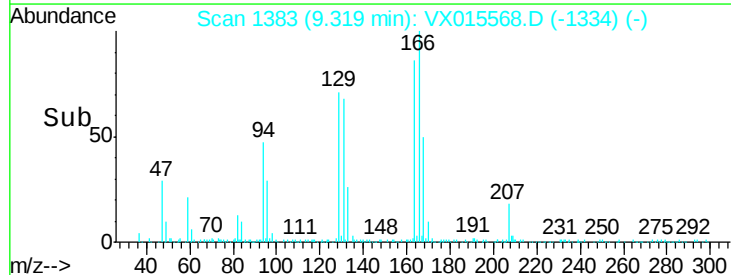
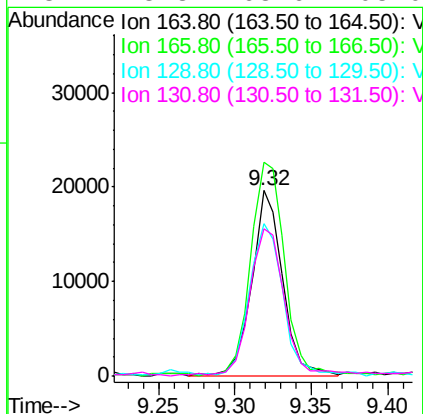
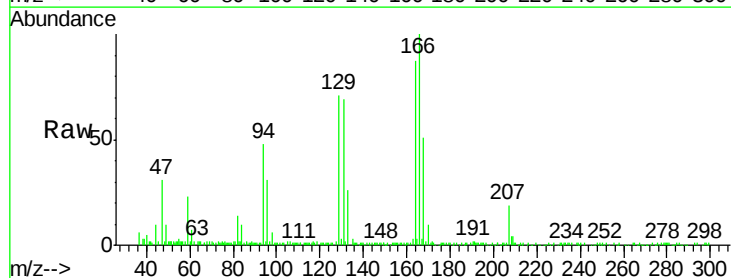
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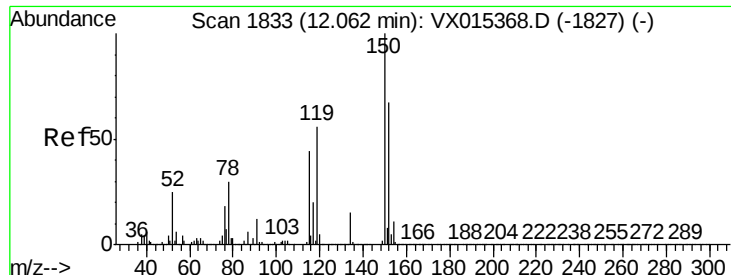
Tot Ion:117 Resp: 1617410  
Ion Ratio Lower Upper  
117 100  
82 61.1 47.8 71.8  
119 35.0 26.8 40.2



#64  
Tetrachloroethene  
Concen: 2.260 ug/l  
RT: 9.32 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: VX015568.D  
Acq: 08 Apr 2020 14:54

Tgt Ion:164 Resp: 27583  
Ion Ratio Lower Upper  
164 100  
166 113.8 97.8 146.6  
129 81.0 73.0 109.4  
131 78.3 68.6 103.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015568.D

Acq: 08 Apr 2020 14:54

Instrument :

MSVOA\_X

ClientSampleId :

KY062MW144-200406

Tot Ion:152 Resp: 914098

Ion Ratio Lower Upper

152 100

115 57.6 39.0 116.9

150 158.5 0.0 340.8

