

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\  
 Data File : VN055346.D  
 Acq On : 2 May 2019 13:23  
 Operator : JC/SP  
 Sample : K2658-17  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EP1-SB-EB-01

Quant Time: May 03 01:53:04 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 30 07:16:52 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 357366   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 609712   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 543345   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 153060   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 244624   | 52.32 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.64% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 195571   | 48.87 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.74%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 744124   | 51.49 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.98% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 228230   | 50.53 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.06% |          |

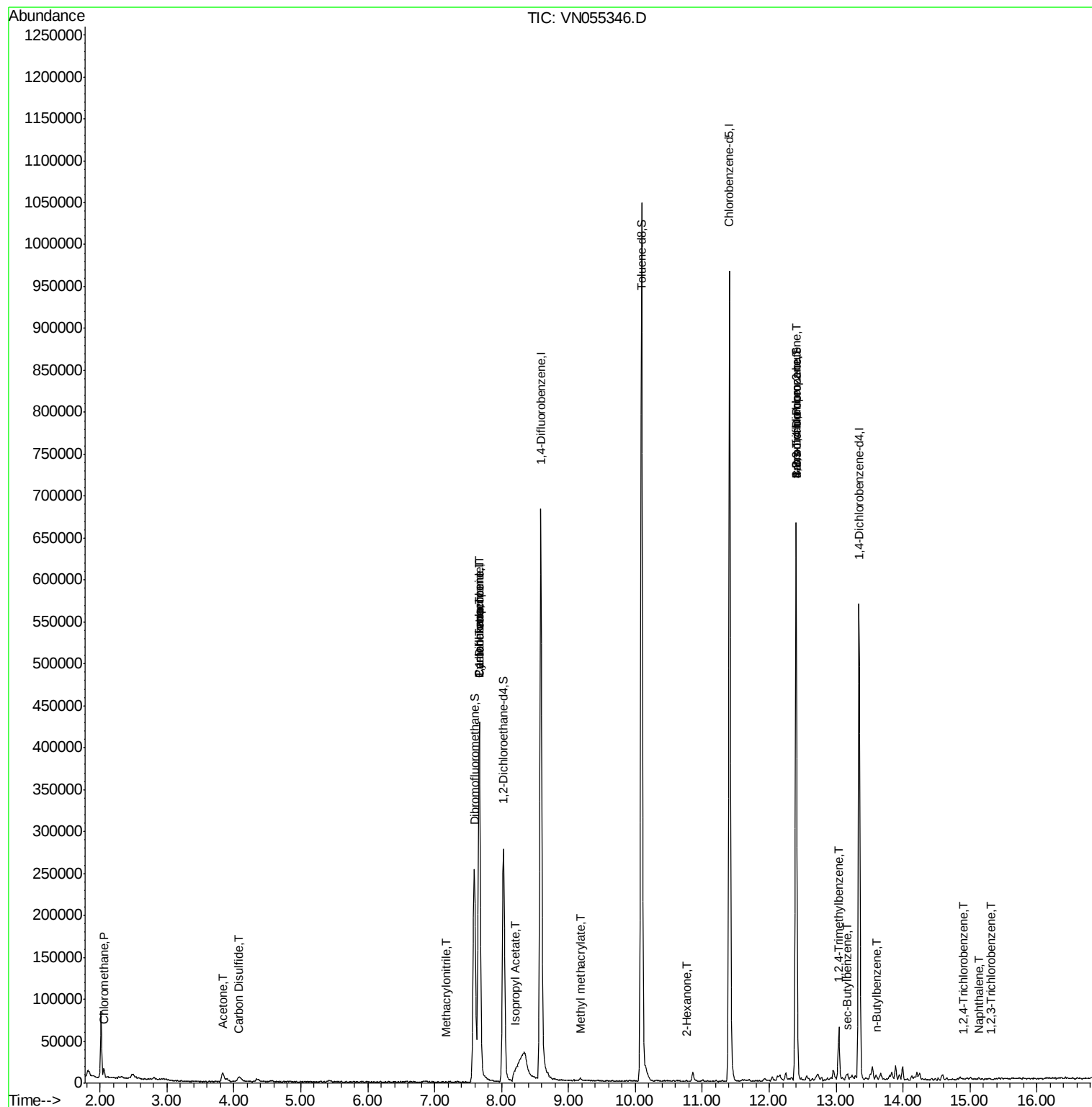
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 2.06  | 50   | 8502     | 1.568     | ug/l   | 93     |
| 16) Acetone                    | 3.83  | 43   | 20481    | 14.060    | ug/l   | 94     |
| 17) Carbon Disulfide           | 4.06  | 76   | 4401     | 0.478     | ug/l # | 74     |
| 18) Methyl Acetate             | 4.34  | 43   | 2755     | Below Cal |        | 94     |
| 31) Cyclohexane                | 7.67  | 56   | 7840     | 1.066     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 27605    | 4.727     | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 34235    | 6.077     | ug/l # | 15     |
| 41) Methacrylonitrile          | 7.18  | 41   | 203      | 0.822     | ug/l # | 31     |
| 43) Isopropyl Acetate          | 8.19  | 43   | 7353     | 1.022     | ug/l # | 56     |
| 48) Methyl methacrylate        | 9.18  | 41   | 1311     | 0.371     | ug/l # | 40     |
| 59) 2-Hexanone                 | 10.76 | 43   | 564      | 0.223     | ug/l # | 35     |
| 71) Bromoform                  | 12.40 | 173  | 2066     | 0.895     | ug/l # | 1      |
| 73) Isopropylbenzene           | 12.25 | 105  | 6019     | Below Cal |        | 94     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 65       | Below Cal | #      | 25     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 117439   | 40.817    | ug/l # | 100    |
| 77) Bromobenzene               | 12.53 | 156  | 202      | Below Cal | #      | 1      |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 484      | Below Cal | #      | 42     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 117439   | 145.404   | ug/l # | 7      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 1312     | Below Cal | #      | 76     |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 35161    | 3.276     | ug/l   | 100    |
| 85) sec-Butylbenzene           | 13.17 | 105  | 4105     | 0.315     | ug/l # | 75     |
| 89) n-Butylbenzene             | 13.61 | 91   | 2578     | 0.338     | ug/l # | 66     |
| 90) Hexachloroethane           | 13.89 | 117  | 843      | Below Cal | #      | 7      |
| 93) 1,2,4-Trichlorobenzene     | 14.90 | 180  | 109      | 3.361     | ug/l # | 1      |
| 94) Hexachlorobutadiene        | 15.01 | 225  | 30       | Below Cal | #      | 20     |
| 95) Naphthalene                | 15.14 | 128  | 2200     | 3.811     | ug/l # | 69     |
| 96) 1,2,3-Trichlorobenzene     | 15.32 | 180  | 163      | 2.691     | ug/l # | 58     |

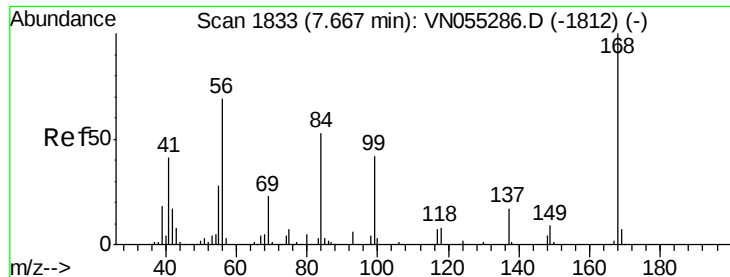
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 30 07:16:52 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

Instrument :

MSVOA\_N

ClientSampleId :

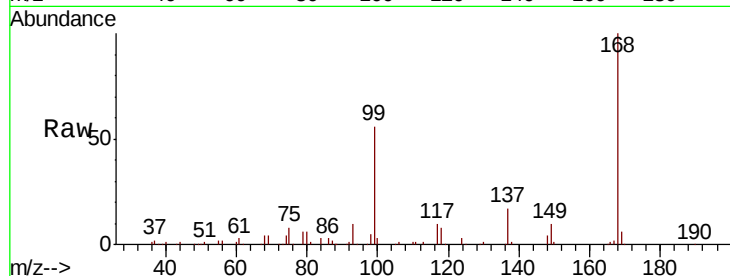
EP1-SB-EB-01

Tot Ion:168 Resp: 357366

Ion Ratio Lower Upper

168 100

99 55.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

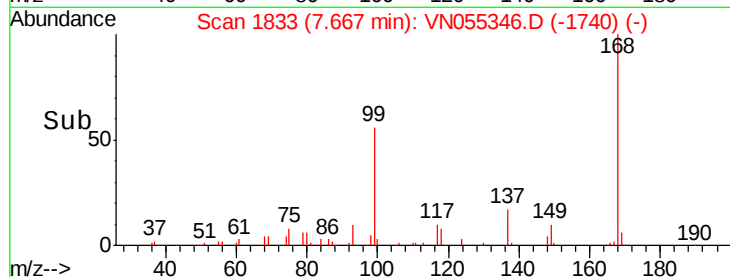
150000

100000

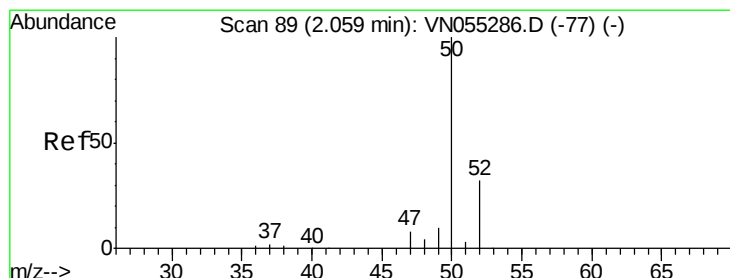
50000

0

Time-->



Time-->



#3

Chloromethane

Concen: 1.568 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055346.D

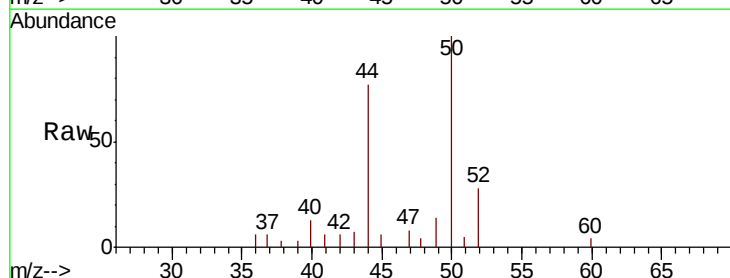
Acq: 2 May 2019 13:23

Tgt Ion: 50 Resp: 8502

Ion Ratio Lower Upper

50 100

52 28.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

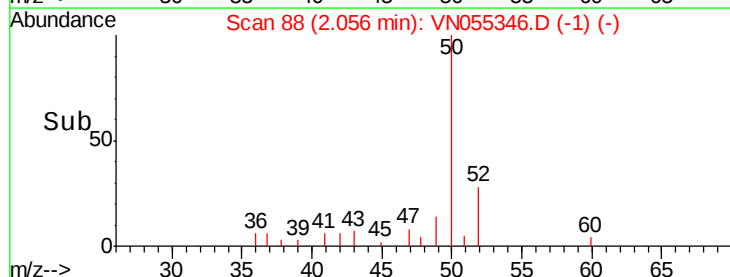
6000

4000

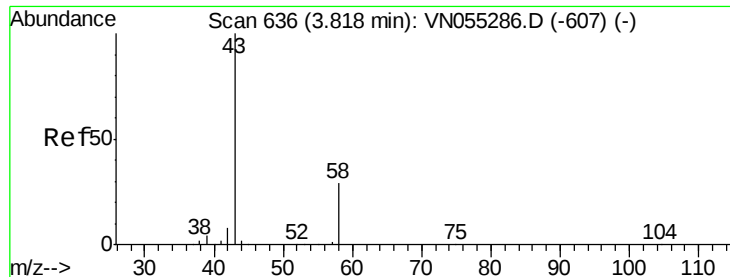
2000

0

Time-->



Time-->



#16

Acetone

Concen: 14.060 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

Instrument :

MSVOA\_N

ClientSampleId :

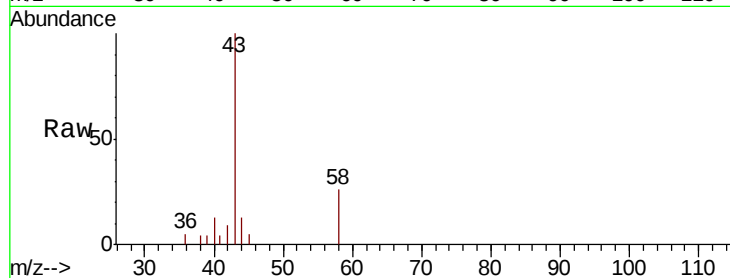
EP1-SB-EB-01

Tot Ion: 43 Resp: 20481

Ion Ratio Lower Upper

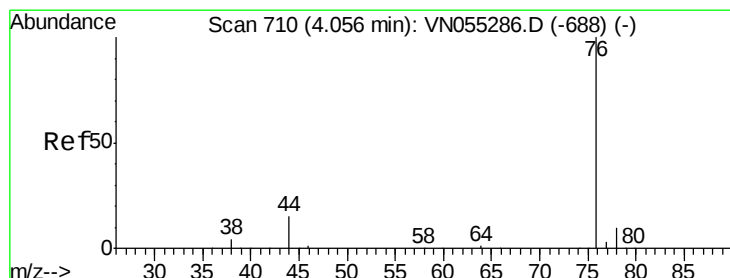
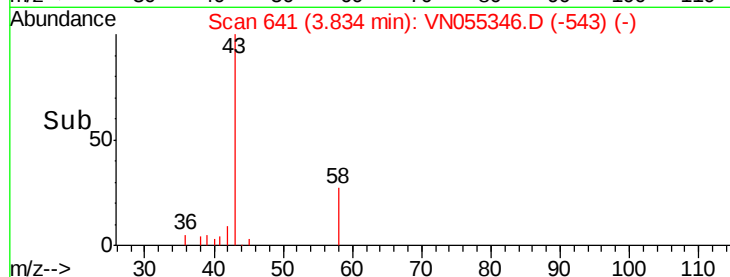
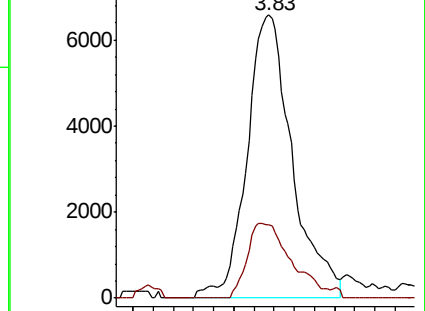
43 100

58 26.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055346.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055346.D (-607) (-)



#17

Carbon Disulfide

Concen: 0.478 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN055346.D

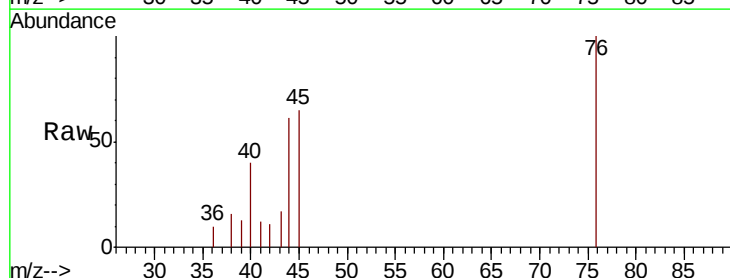
Acq: 2 May 2019 13:23

Tgt Ion: 76 Resp: 4401

Ion Ratio Lower Upper

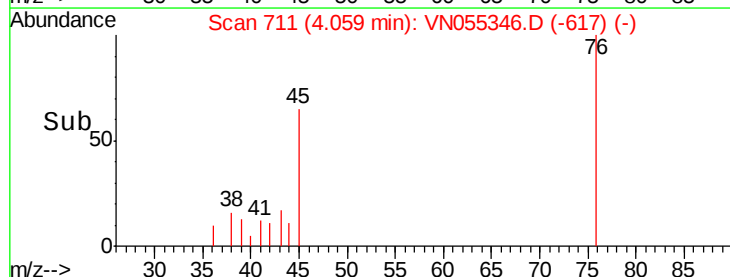
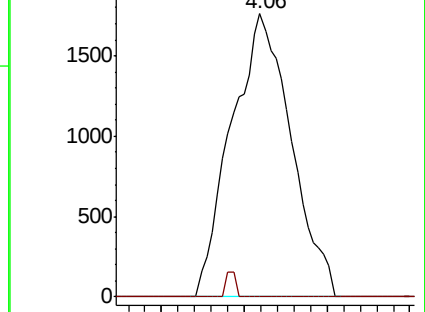
76 100

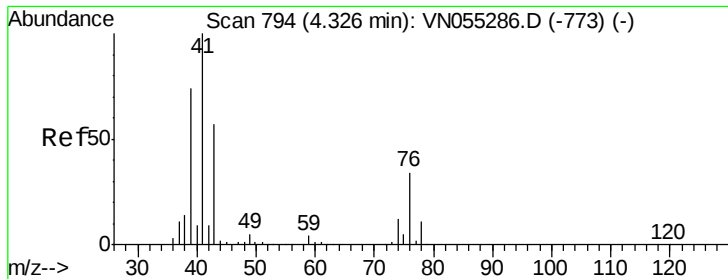
78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN055346.D (-688) (-)

Ion 77.90 (77.60 to 78.60): VN055346.D (-688) (-)

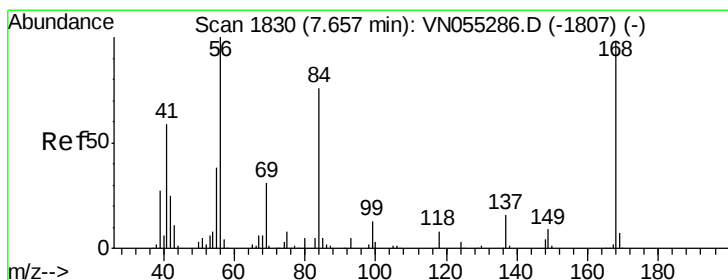
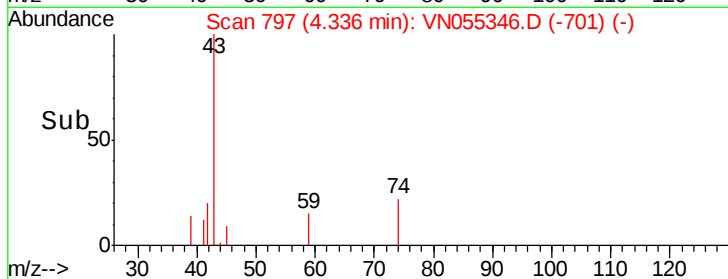
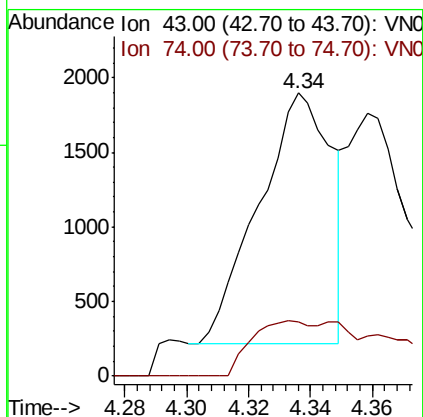
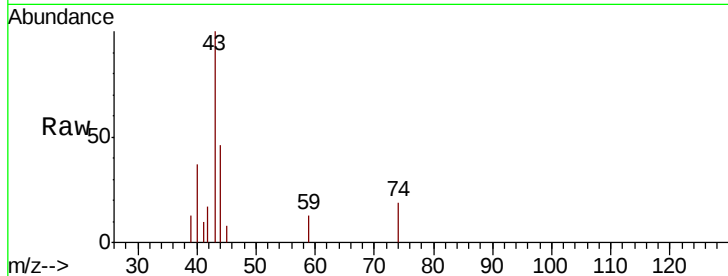




#18  
Methvl Acetate  
Concen: Below Cal  
RT: 4.34 min Scan# 797  
Delta R.T. 0.01 min  
Lab File: VN055346.D  
Acq: 2 May 2019 13:23

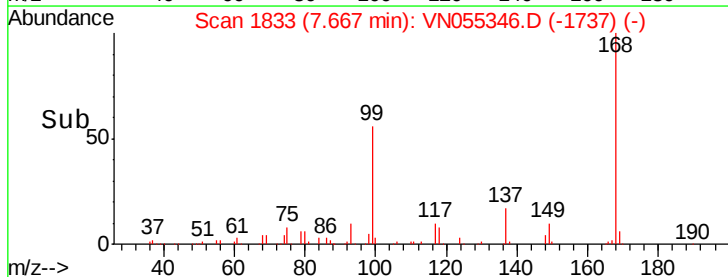
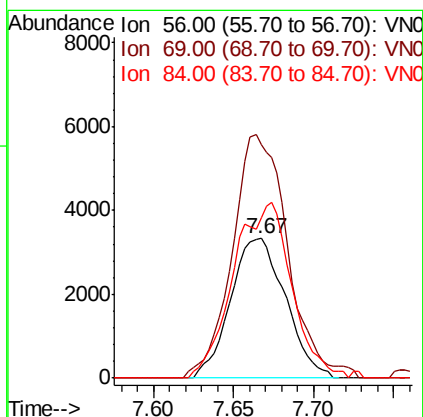
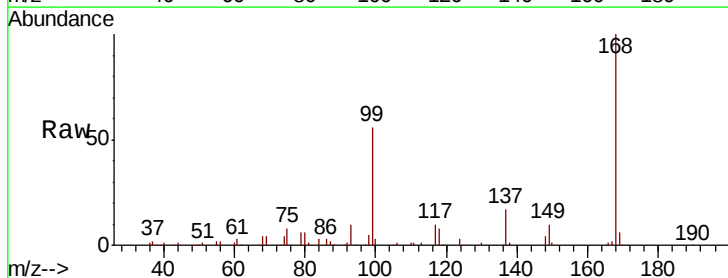
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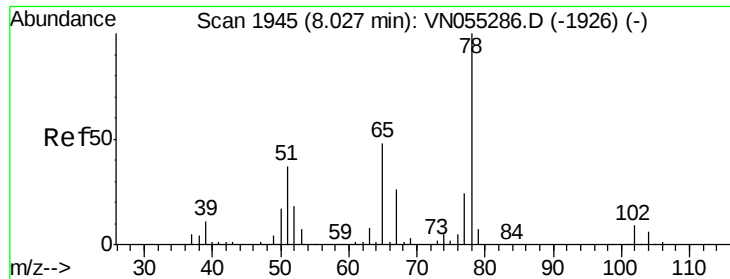
Tot Ion: 43 Resp: 2755  
Ion Ratio Lower Upper  
43 100  
74 17.1 15.8 23.8



#31  
Cyclohexane  
Concen: 1.066 ug/l  
RT: 7.67 min Scan# 1833  
Delta R.T. 0.01 min  
Lab File: VN055346.D  
Acq: 2 May 2019 13:23

Tgt Ion: 56 Resp: 7840  
Ion Ratio Lower Upper  
56 100  
69 162.1 25.2 37.8#  
84 114.4 61.1 91.7#

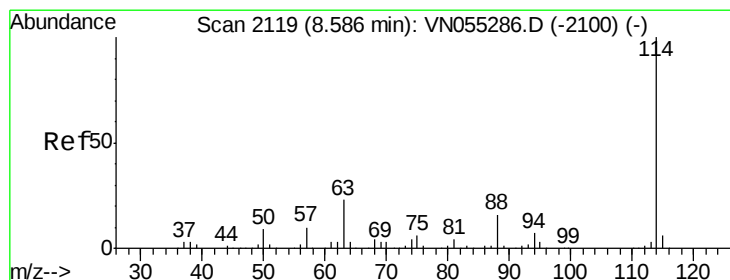
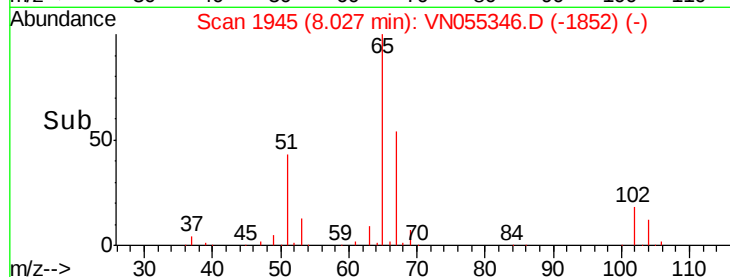
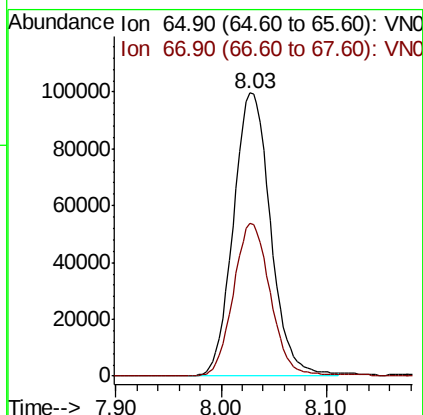
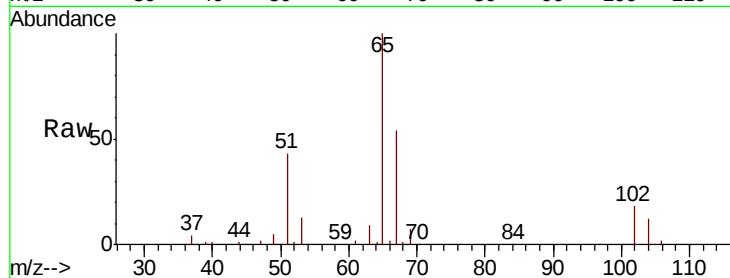




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.324 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN055346.D  
 Acq: 2 May 2019 13:23

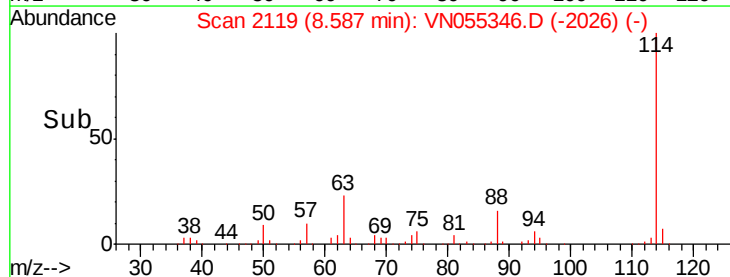
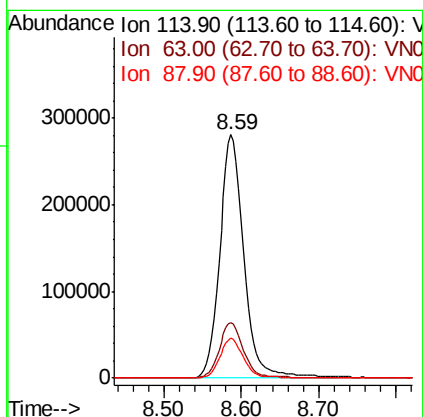
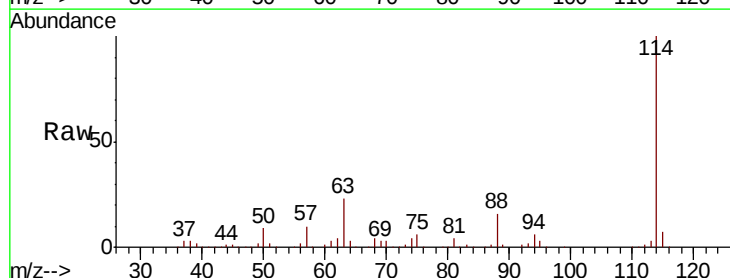
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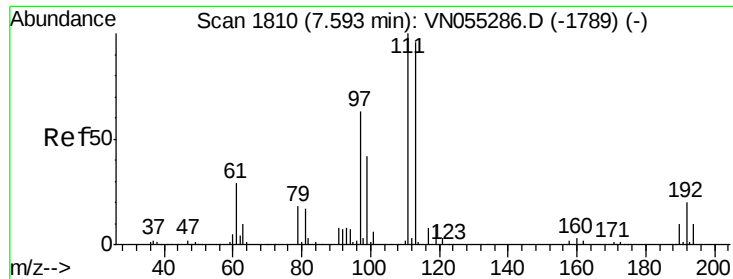
Tot Ion: 65 Resp: 244624  
 Ion Ratio Lower Upper  
 65 100  
 67 53.6 0.0 106.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN055346.D  
 Acq: 2 May 2019 13:23

Tgt Ion: 114 Resp: 609712  
 Ion Ratio Lower Upper  
 114 100  
 63 23.0 0.0 45.2  
 88 16.3 0.0 31.6

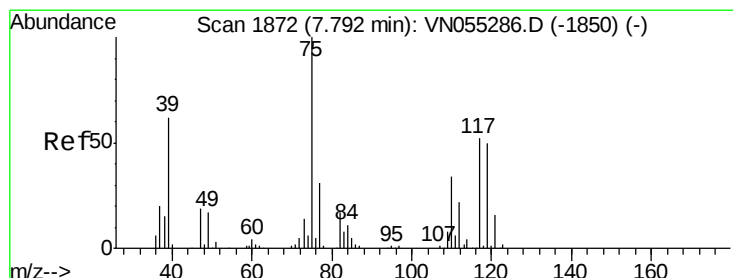
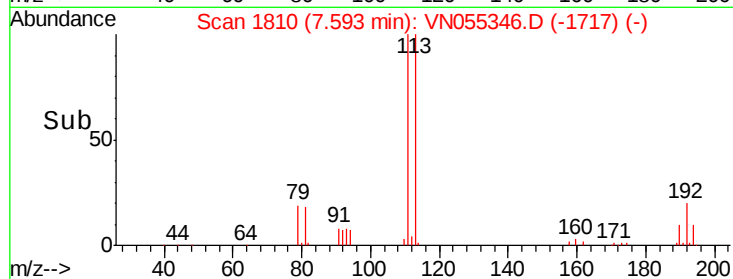
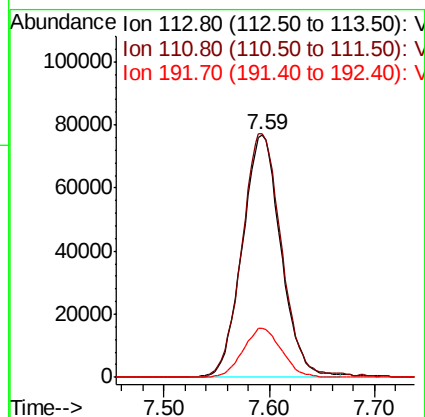
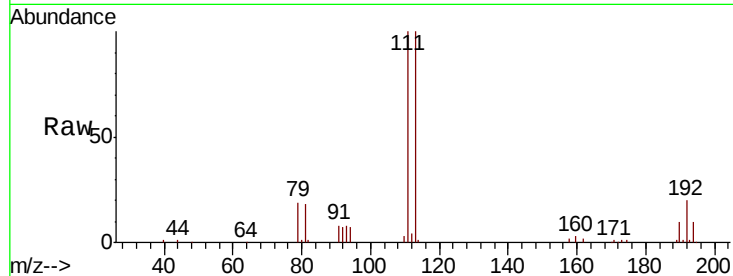




#35  
 Dibromofluoromethane  
 Concen: 48.869 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN055346.D  
 Acq: 2 May 2019 13:23

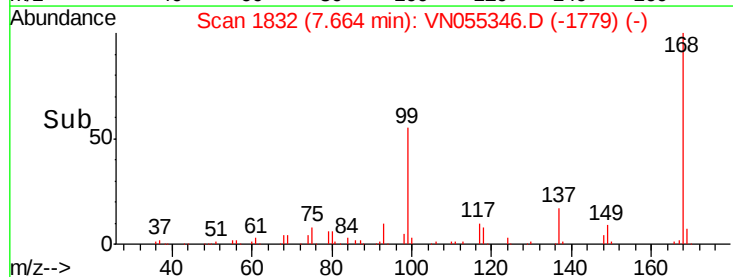
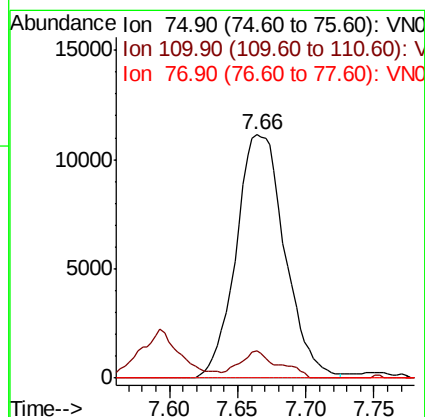
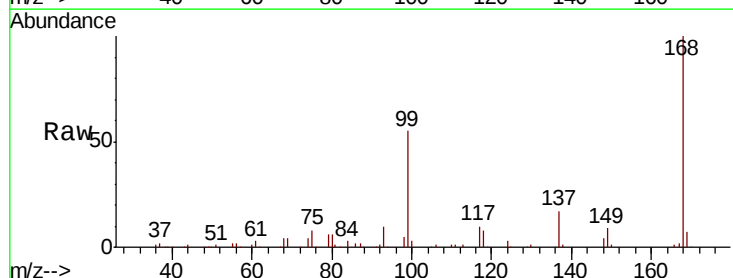
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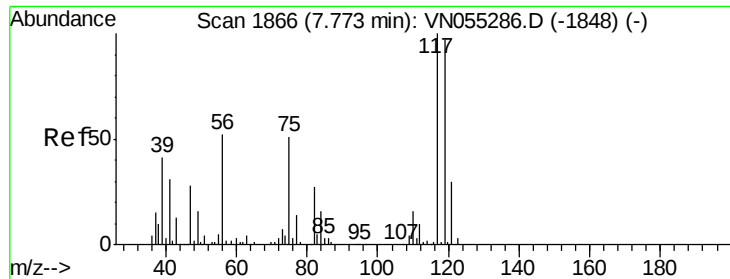
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.4 | 82.3  | 123.5 |
| 192     | 20.2  | 17.0  | 25.6  |



#36  
 1,1-Dichloropropene  
 Concen: 4.727 ug/l  
 RT: 7.66 min Scan# 1832  
 Delta R.T. -0.13 min  
 Lab File: VN055346.D  
 Acq: 2 May 2019 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 9.0   | 16.8  | 50.4# |
| 77      | 0.0   | 25.0  | 37.6# |





#38

Carbon Tetrachloride

Concen: 6.077 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

Instrument :

MSVOA\_N

ClientSampleId :

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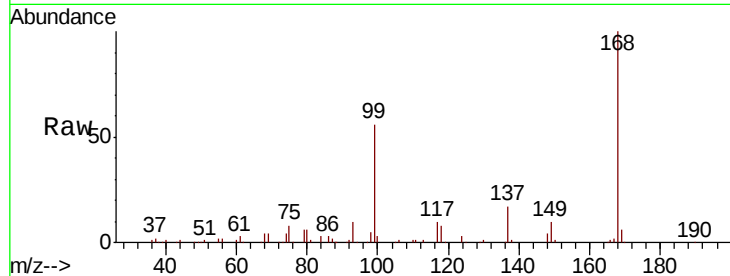
Tot Ion:117 Resp: 34235

Ion Ratio Lower Upper

117 100

119 4.5 77.0 115.6#

121 0.0 23.8 35.8#

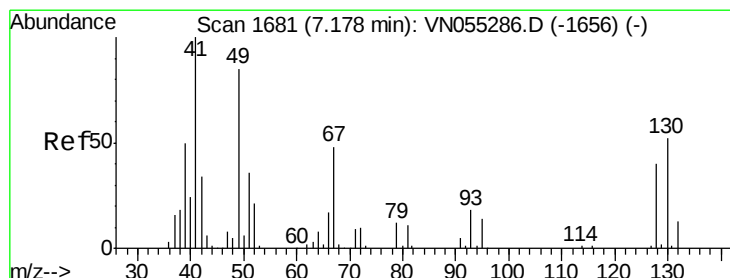
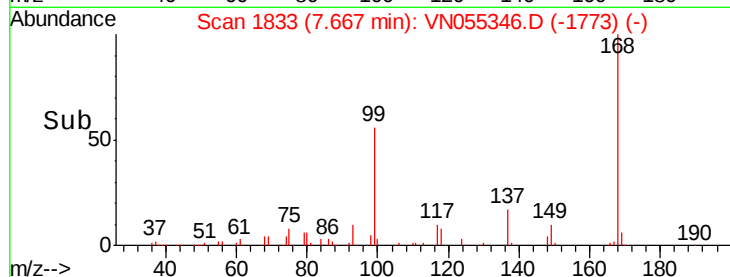
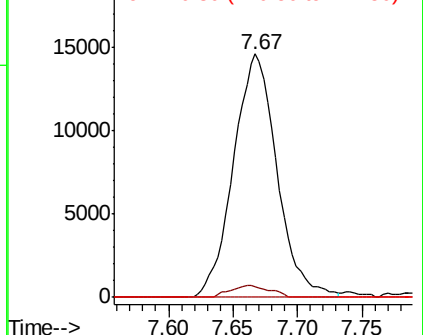


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.822 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

Tgt Ion: 41 Resp: 203

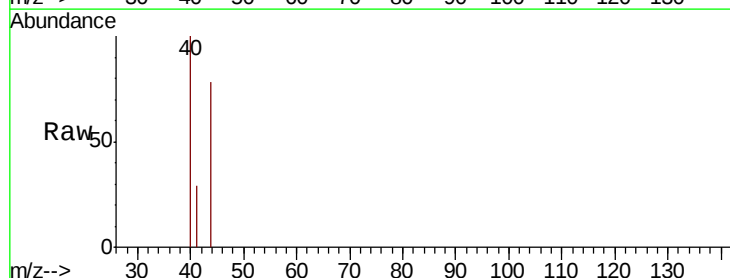
Ion Ratio Lower Upper

41 100

39 15.8 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#



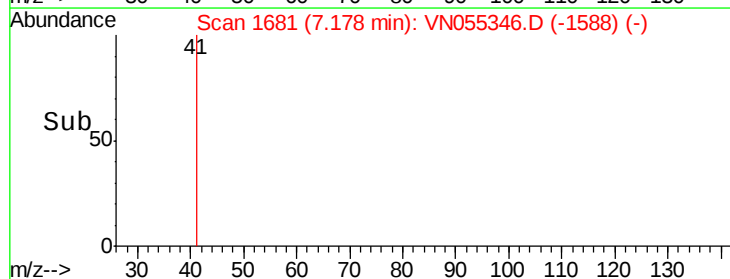
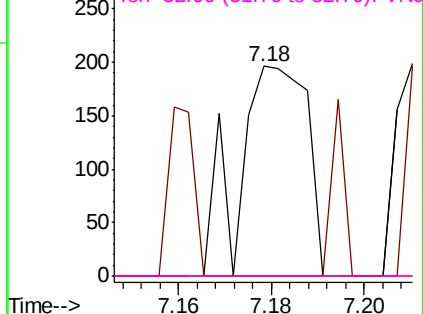
Abundance

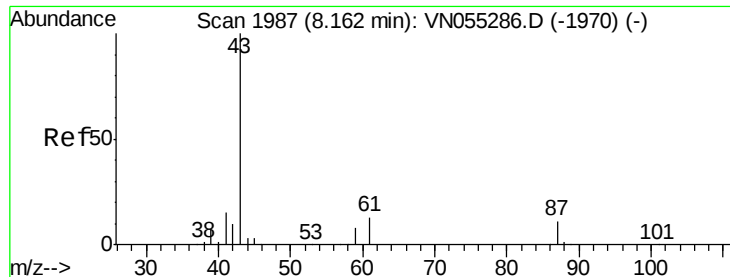
Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC





#43

Isopropyl Acetate

Concen: 1.022 ug/l

RT: 8.19 min Scan# 1995

Delta R.T. 0.03 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

Instrument :

MSVOA\_N

ClientSampleId :

EP1-SB-EB-01

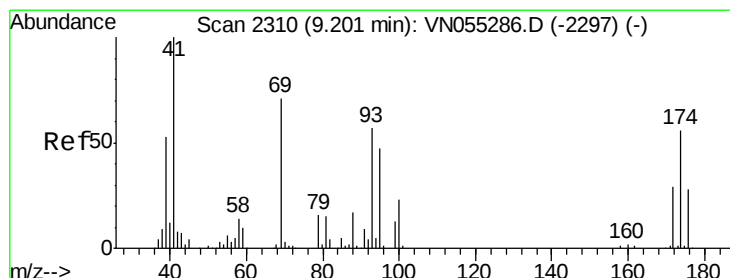
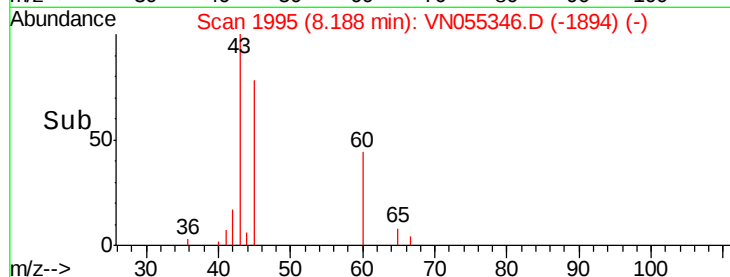
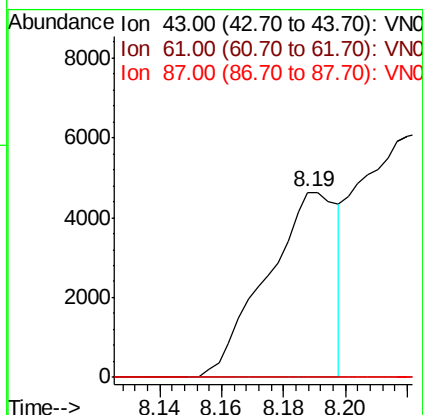
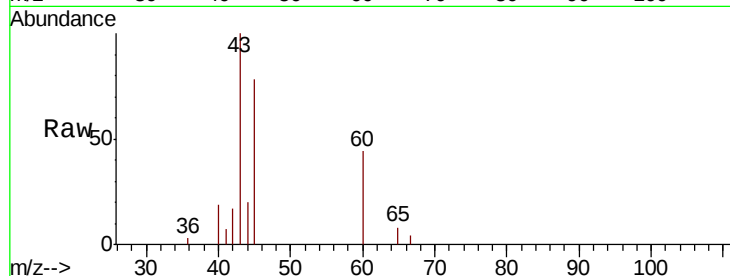
Tot Ion: 43 Resp: 7353

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

87 0.0 8.5 12.7#



#48

Methyl methacrylate

Concen: 0.371 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

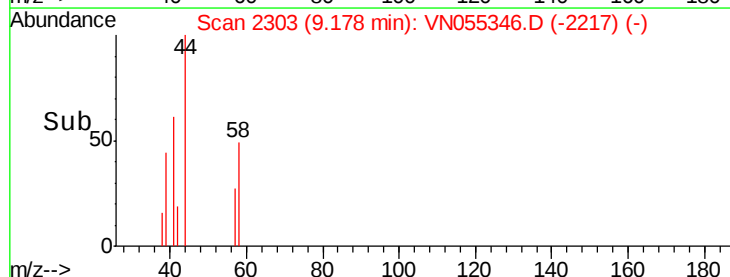
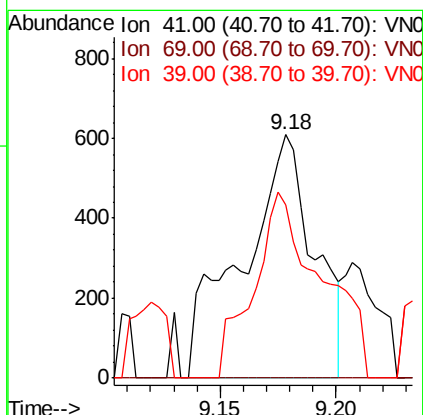
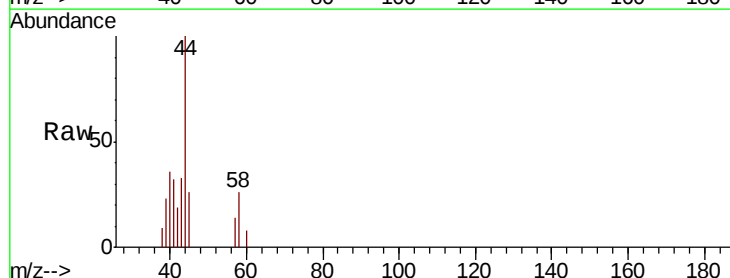
Tgt Ion: 41 Resp: 1311

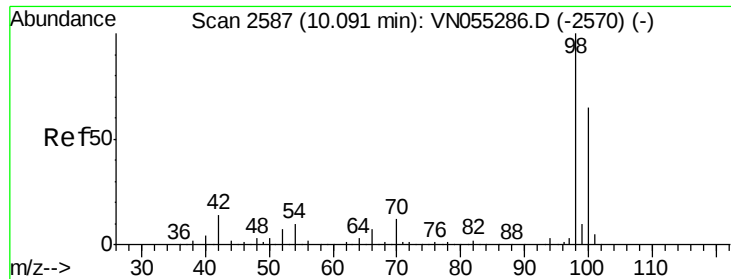
Ion Ratio Lower Upper

41 100

69 0.0 58.6 87.8#

39 72.4 43.8 65.6#





#50

Toluene-d8

Concen: 51.494 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

Instrument :

MSVOA\_N

ClientSampled :

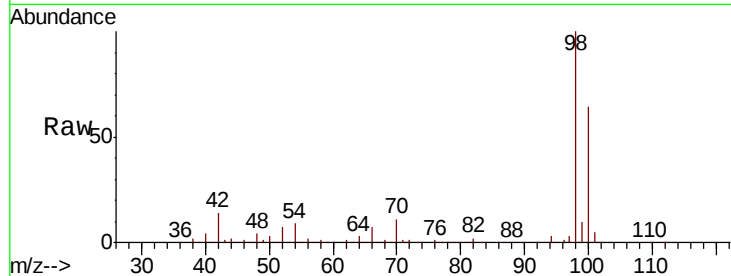
EP1-SB-EB-01

Tot Ion: 98 Resp: 744124

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055346.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055346.D (-2570) (-)

10.09

400000

300000

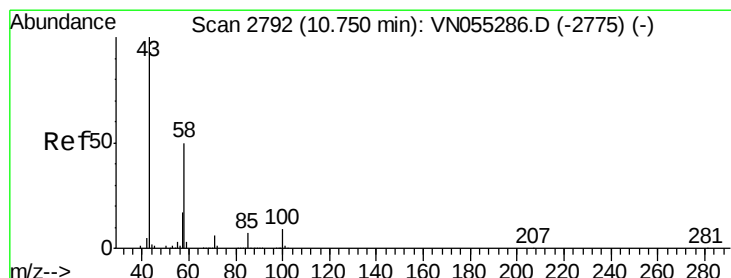
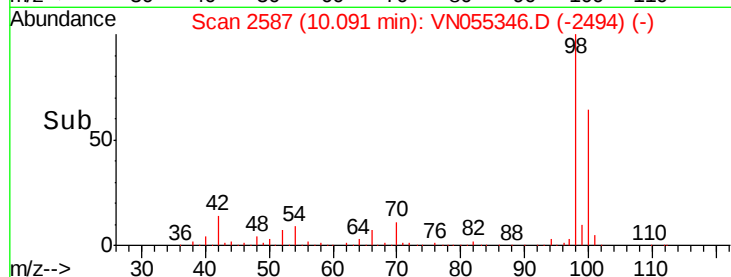
200000

100000

0

10.00 10.10 10.20 10.30

Time-->



#59

2-Hexanone

Concen: 0.223 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN055346.D

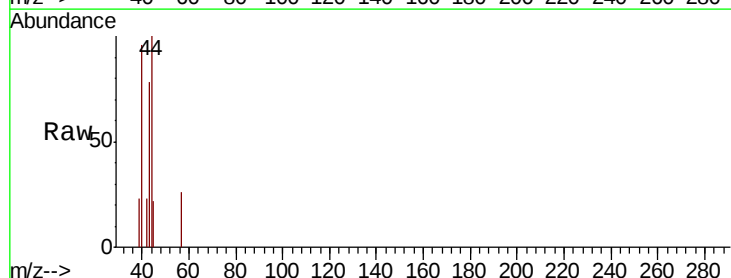
Acq: 2 May 2019 13:23

Tgt Ion: 43 Resp: 564

Ion Ratio Lower Upper

43 100

58 5.1 24.9 74.6#



Abundance Ion 43.00 (42.70 to 43.70): VN055346.D (-2699) (-)

Ion 58.00 (57.70 to 58.70): VN055346.D (-2699) (-)

10.76

600

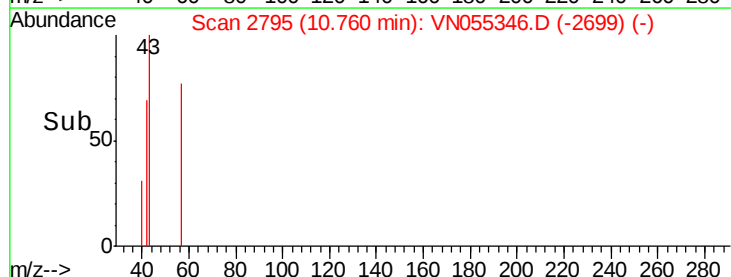
400

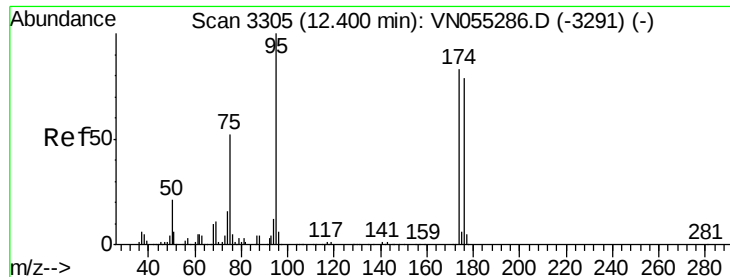
200

0

10.72 10.74 10.76 10.78

Time-->

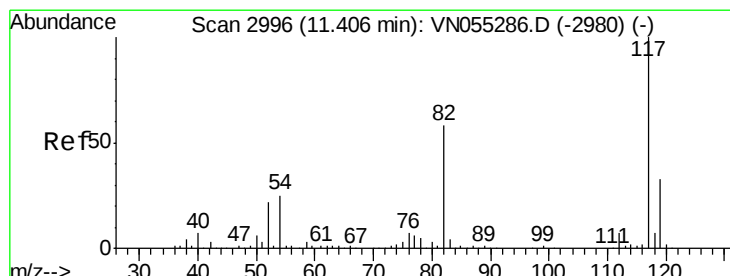
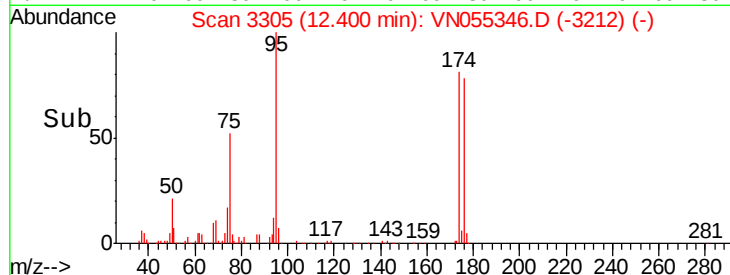
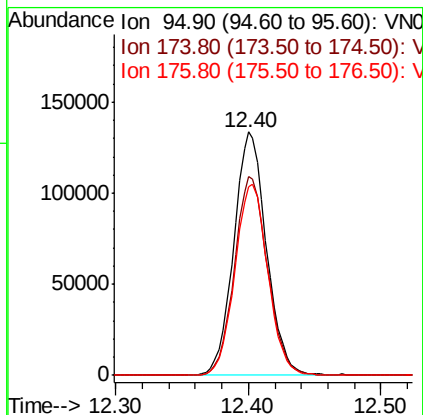
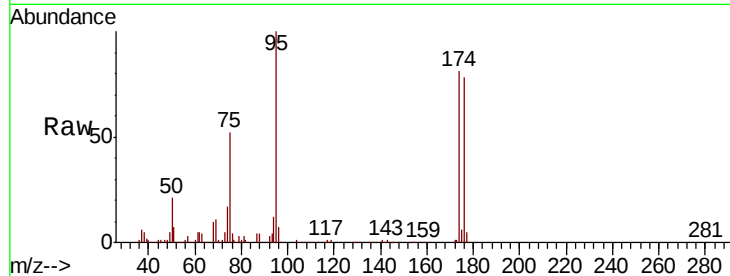




#62  
4-Bromofluorobenzene  
Concen: 50.534 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.00 min  
Lab File: VN055346.D  
Acq: 2 May 2019 13:23

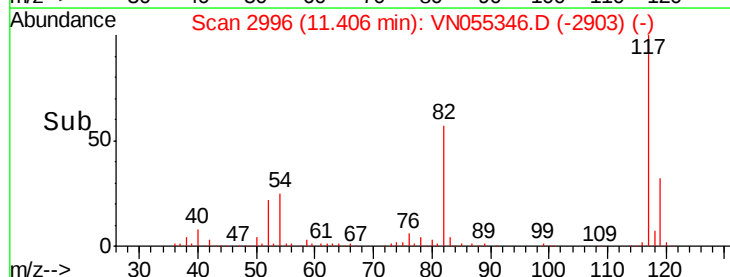
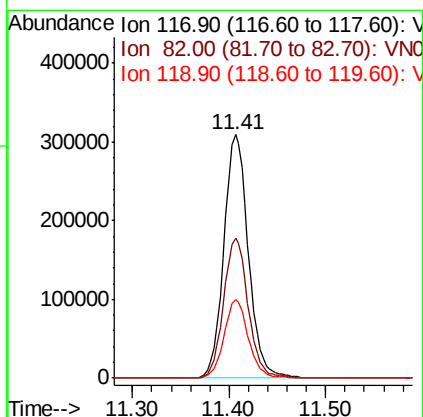
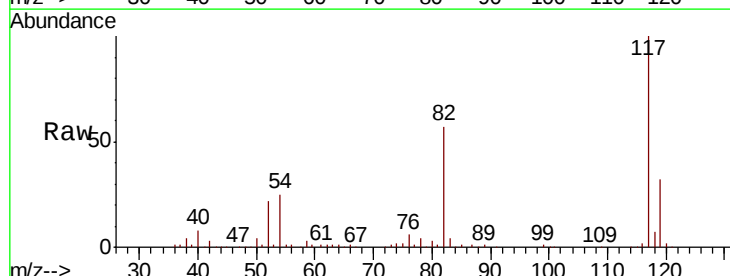
Instrument :  
MSVOA\_N  
ClientSampleId :  
EP1-SB-EB-01

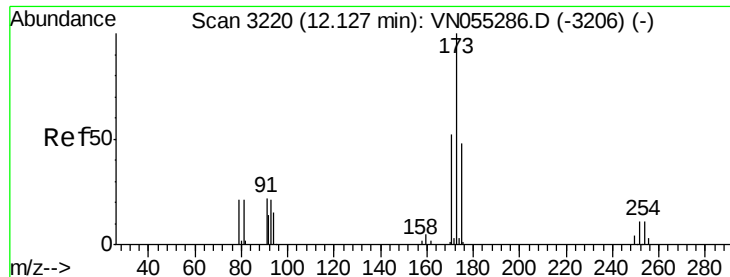
Tot Ion: 95 Resp: 228230  
Ion Ratio Lower Upper  
95 100  
174 82.8 0.0 166.6  
176 79.4 0.0 157.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN055346.D  
Acq: 2 May 2019 13:23

Tgt Ion: 117 Resp: 543345  
Ion Ratio Lower Upper  
117 100  
82 57.3 46.2 69.4  
119 32.4 26.6 40.0

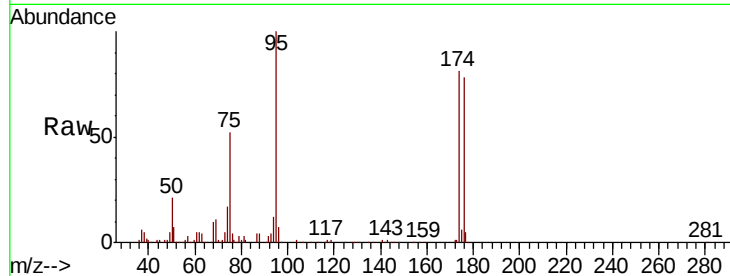




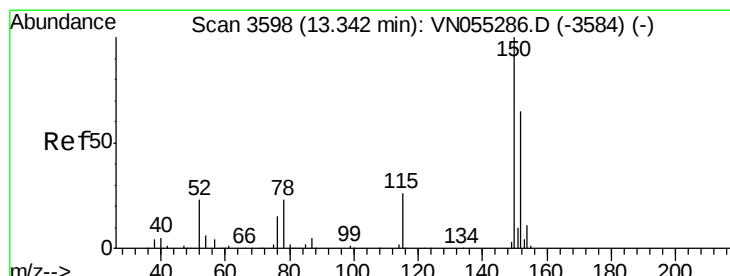
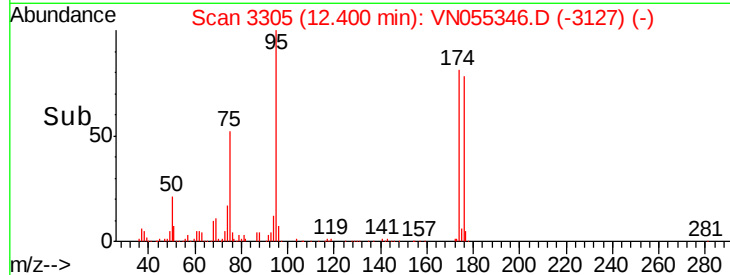
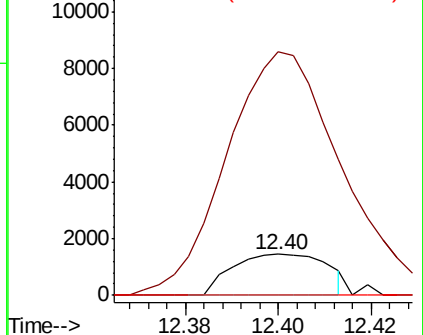
#71  
Bromoform  
Concen: 0.895 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.27 min  
Lab File: VN055346.D  
Acq: 2 May 2019 13:23

Instrument :  
MSVOA\_N  
ClientSampleId :  
EP1-SB-EB-01

Tot Ion:173 Resp: 2066  
Ion Ratio Lower Upper  
173 100  
175 612.7 23.6 71.0#  
254 0.0 0.0 0.0

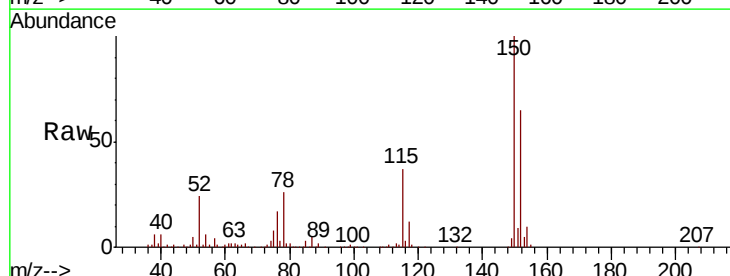


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

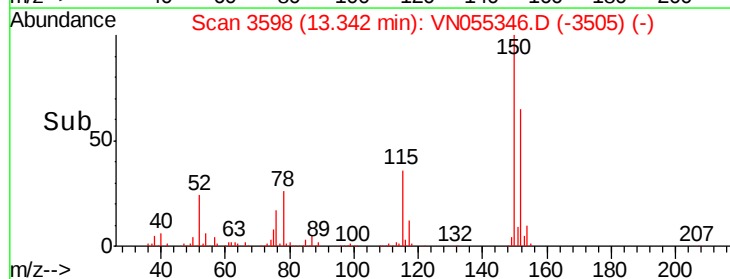
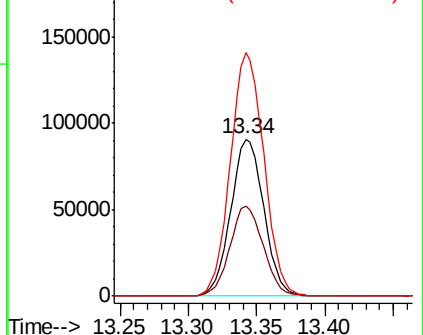


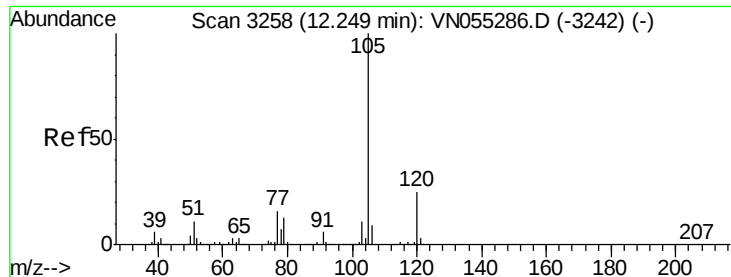
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. 0.00 min  
Lab File: VN055346.D  
Acq: 2 May 2019 13:23

Tgt Ion:152 Resp: 153060  
Ion Ratio Lower Upper  
152 100  
115 57.8 29.0 87.0  
150 157.1 0.0 345.6



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





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

Instrument :

MSVOA\_N

ClientSampled :

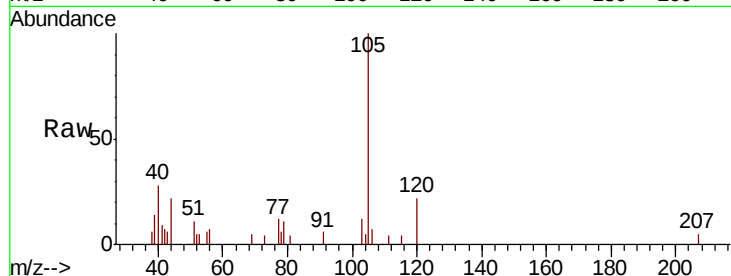
EP1-SB-EB-01

Tot Ion:105 Resp: 6019

Ion Ratio Lower Upper

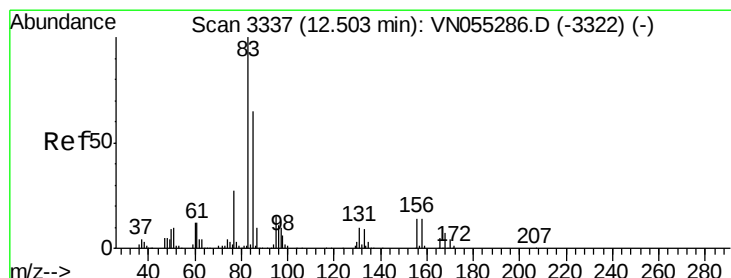
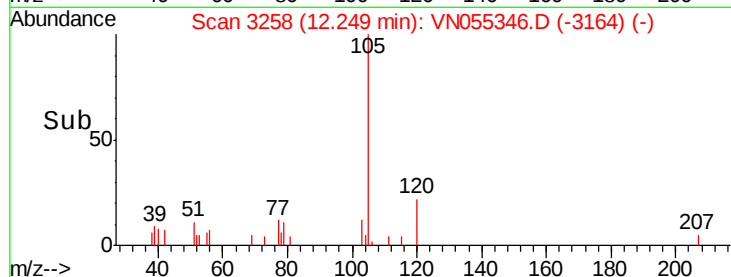
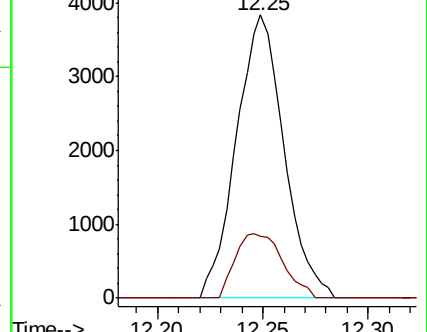
105 100

120 22.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

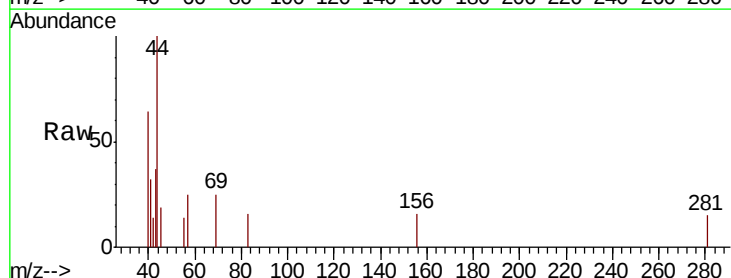
Tgt Ion: 83 Resp: 65

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

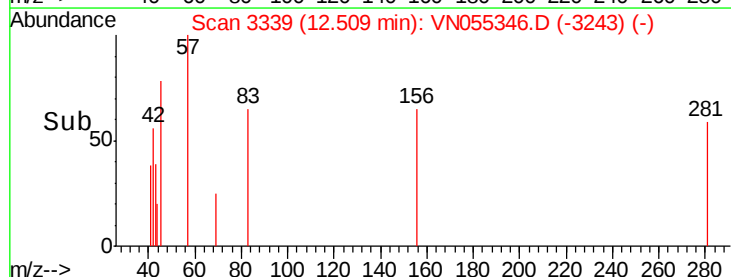
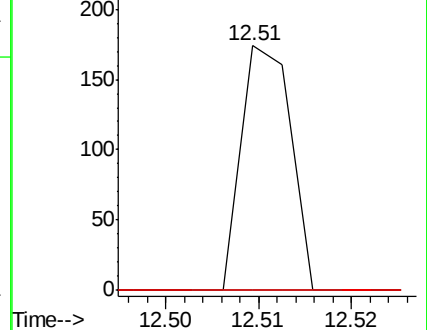
85 0.0 32.3 96.8#

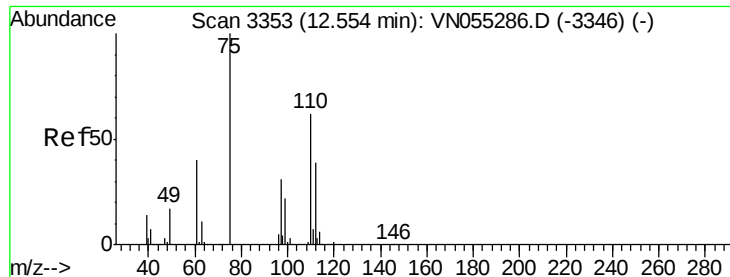


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 40.817 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

Instrument :

MSVOA\_N

ClientSampleId :

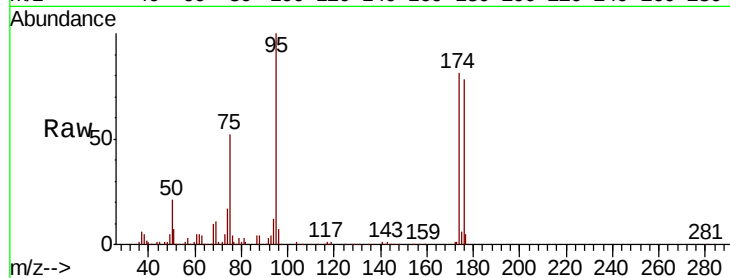
EP1-SB-EB-01

Tot Ion: 75 Resp: 117439

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055346.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055346.D (-3260) (-)

12.40

60000

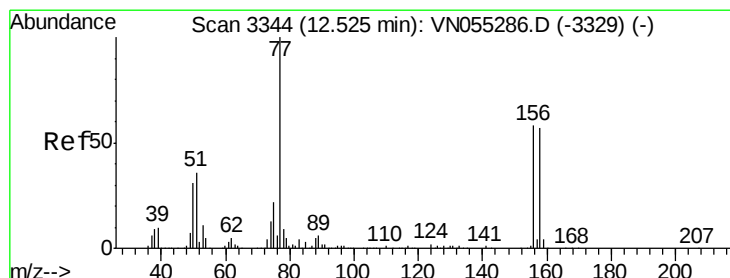
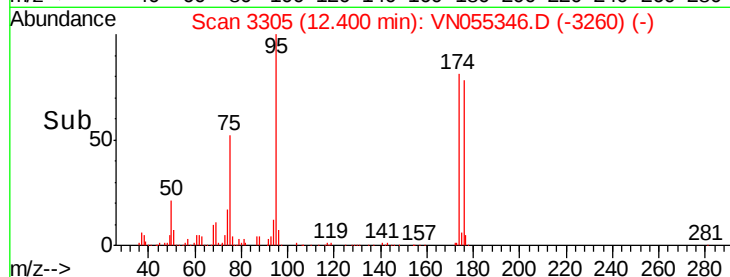
40000

20000

0

12.35 12.40 12.45

Time-->



#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3346

Delta R.T. 0.01 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

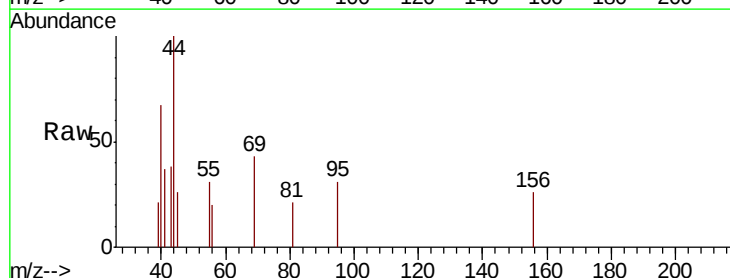
Tgt Ion: 156 Resp: 202

Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): VN055346.D (-3251) (-)

Ion 77.00 (76.70 to 77.70): VN055346.D (-3251) (-)

Ion 157.80 (157.50 to 158.50): VN055346.D (-3251) (-)

12.53

300

250

200

150

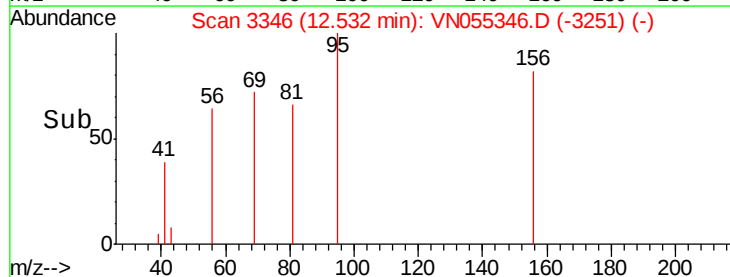
100

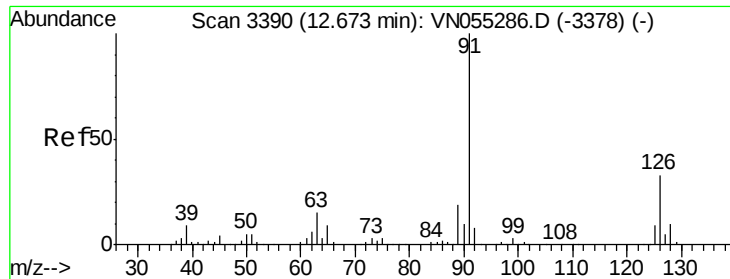
50

0

12.52 12.54

Time-->





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

Instrument :

MSVOA\_N

ClientSampled :

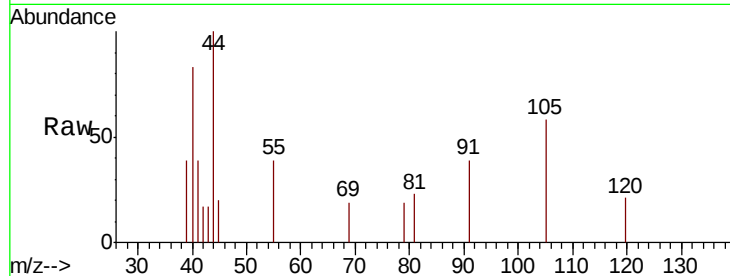
EP1-SB-EB-01

Tot Ion: 91 Resp: 484

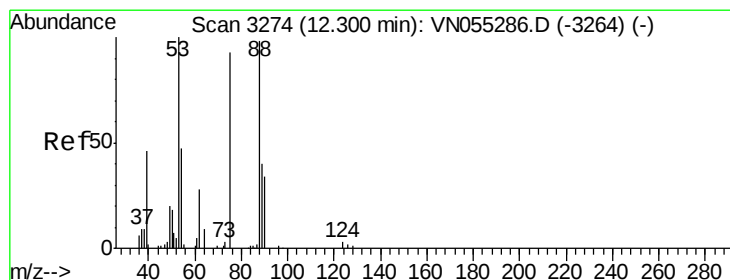
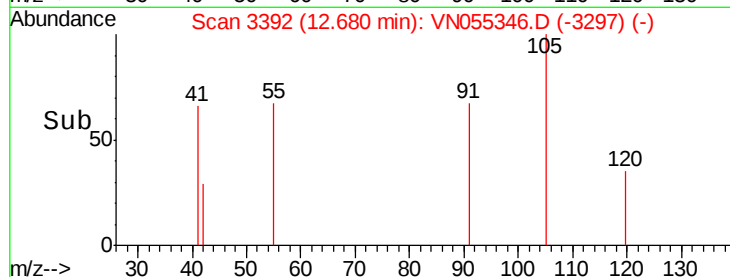
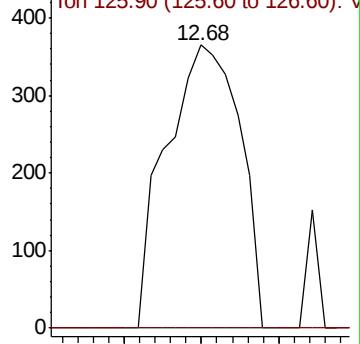
Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 145.404 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

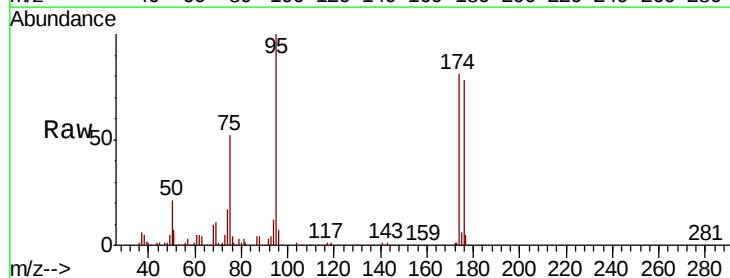
Tgt Ion: 75 Resp: 117439

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

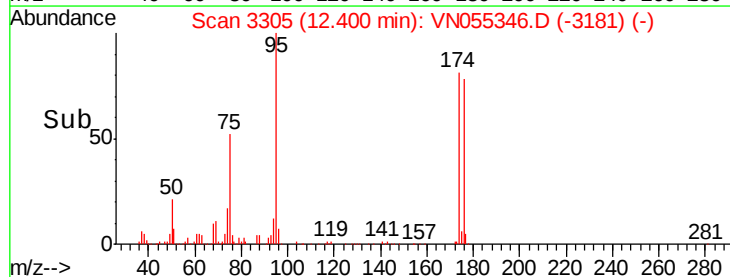
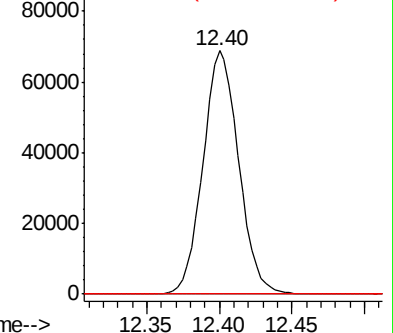
89 0.0 34.6 51.8#

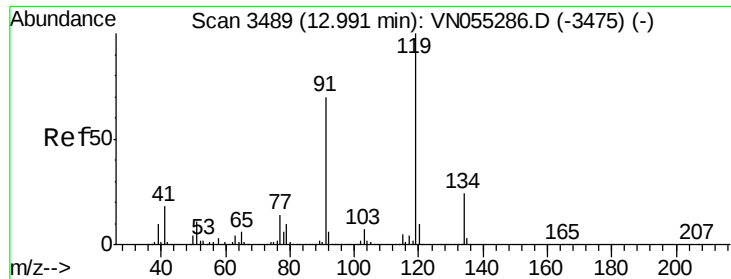


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

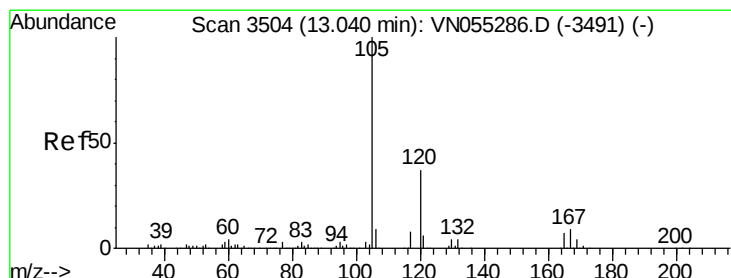
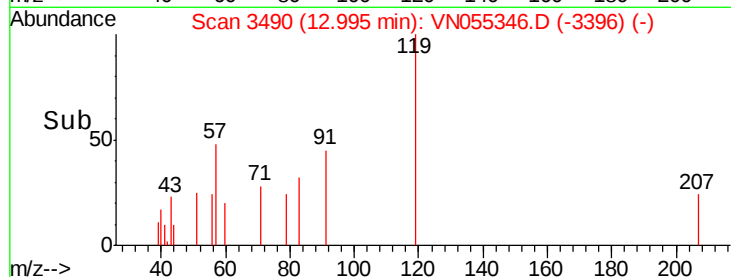
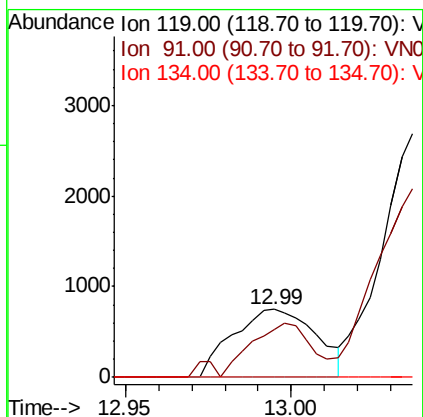
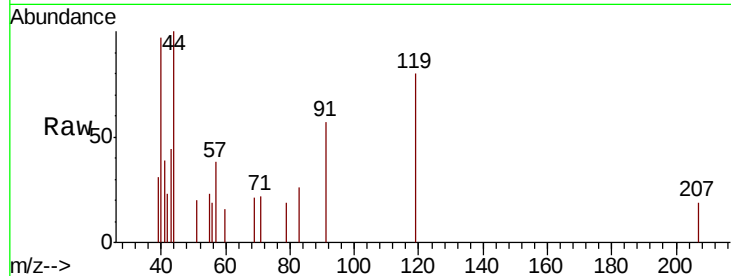




#83  
tert-Butylbenzene  
Concen: Below Cal  
RT: 12.99 min Scan# 3490  
Delta R.T. 0.00 min  
Lab File: VN055346.D  
Acq: 2 May 2019 13:23

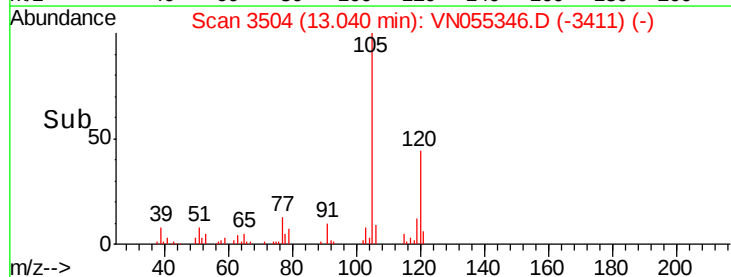
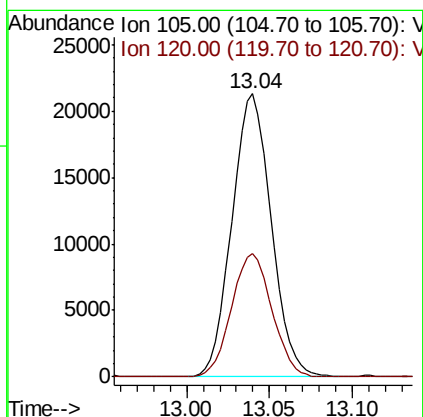
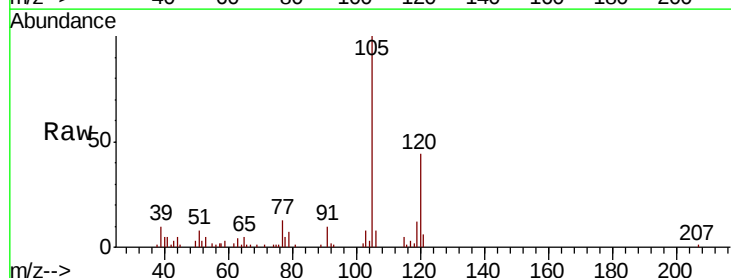
Instrument :  
MSVOA\_N  
ClientSampleId :  
EP1-SB-EB-01

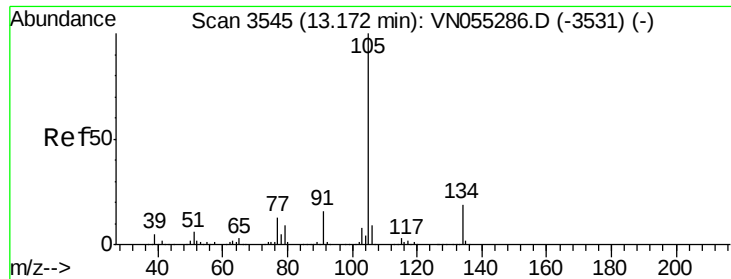
Tot Ion:119 Resp: 1312  
Ion Ratio Lower Upper  
119 100  
91 57.3 34.3 102.9  
134 0.0 13.1 39.3#



#84  
1,2,4-Trimethylbenzene  
Concen: 3.276 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. 0.00 min  
Lab File: VN055346.D  
Acq: 2 May 2019 13:23

Tgt Ion:105 Resp: 35161  
Ion Ratio Lower Upper  
105 100  
120 44.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 0.315 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

Instrument :

MSVOA\_N

ClientSampled :

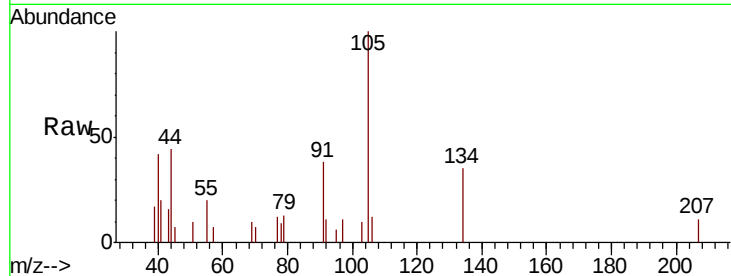
EP1-SB-EB-01

Tot Ion:105 Resp: 4105

Ion Ratio Lower Upper

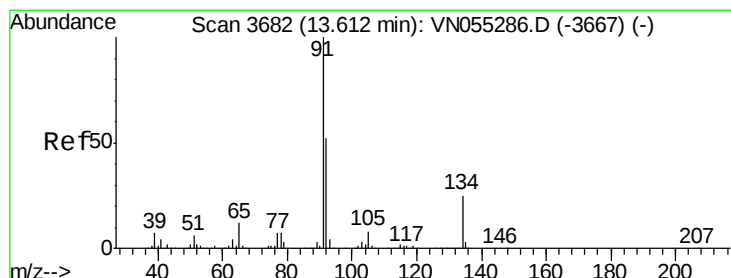
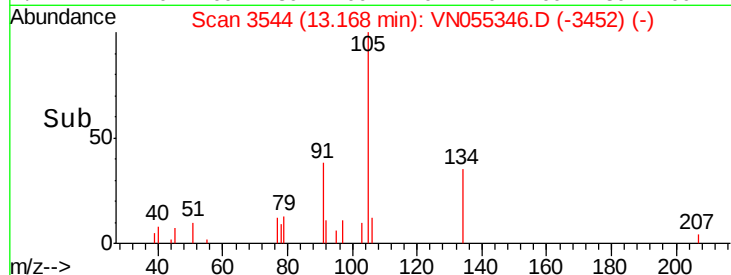
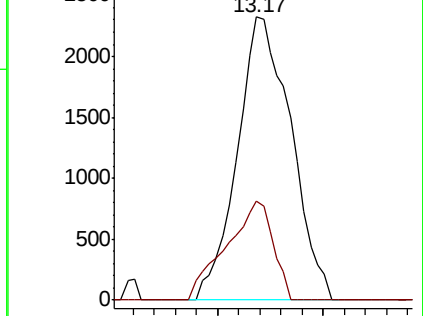
105 100

134 30.5 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.338 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

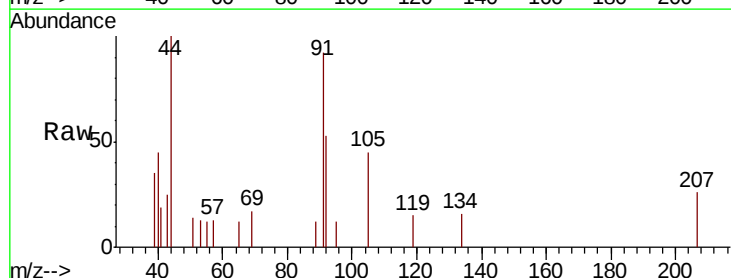
Tgt Ion: 91 Resp: 2578

Ion Ratio Lower Upper

91 100

92 33.7 26.1 78.3

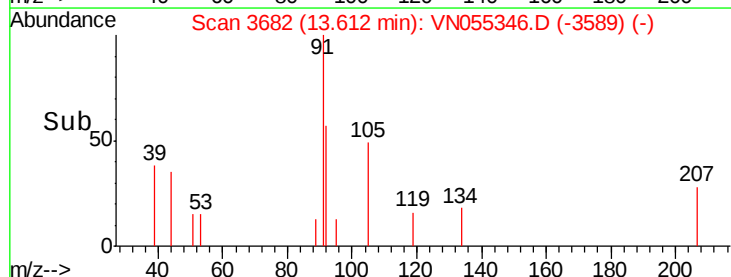
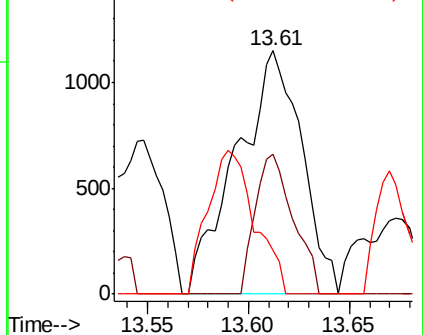
134 0.0 12.4 37.4#

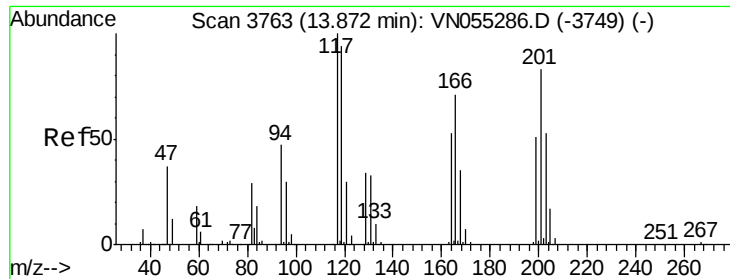


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

Instrument :

MSVOA\_N

ClientSampleId :

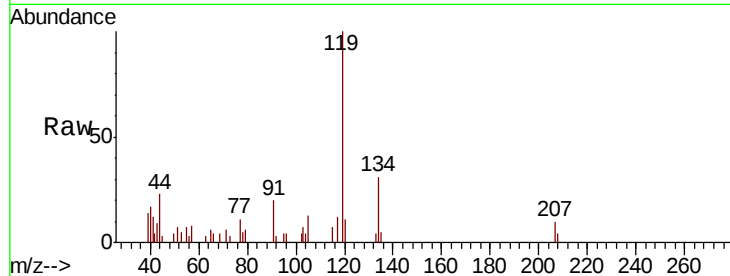
EP1-SB-EB-01

Tot Ion:117 Resp: 843

Ion Ratio Lower Upper

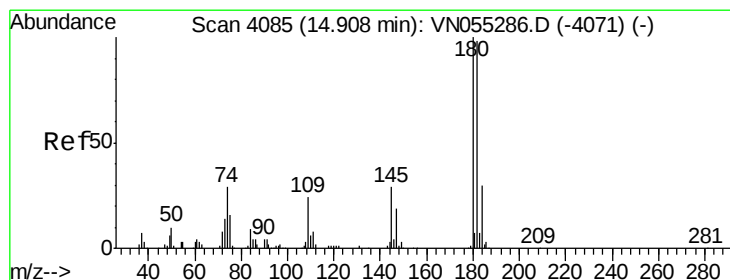
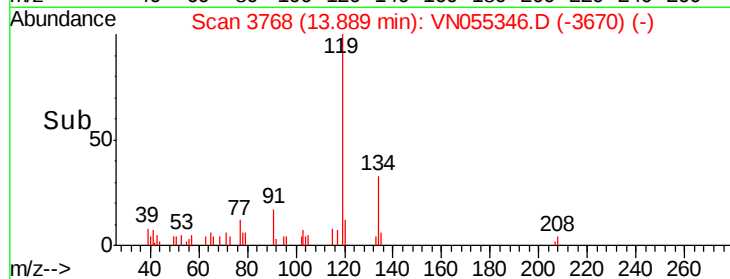
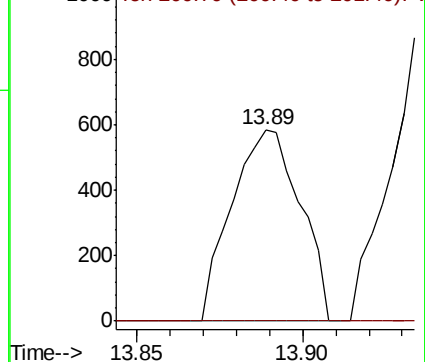
117 100

201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 3.361 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

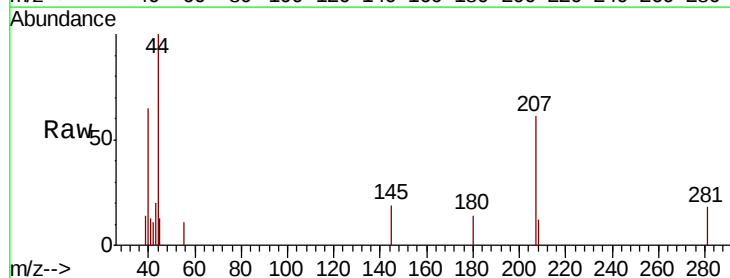
Tgt Ion:180 Resp: 109

Ion Ratio Lower Upper

180 100

182 0.0 48.3 144.9#

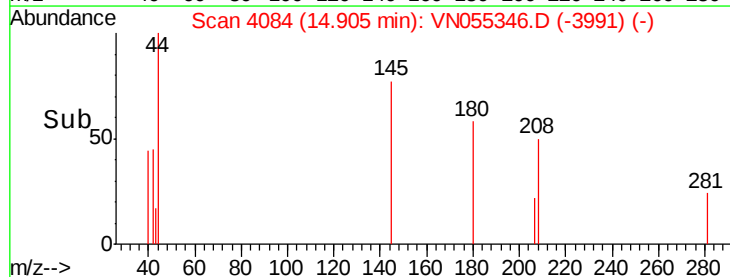
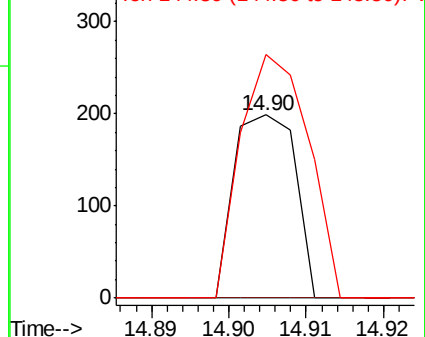
145 147.7 14.2 42.6#

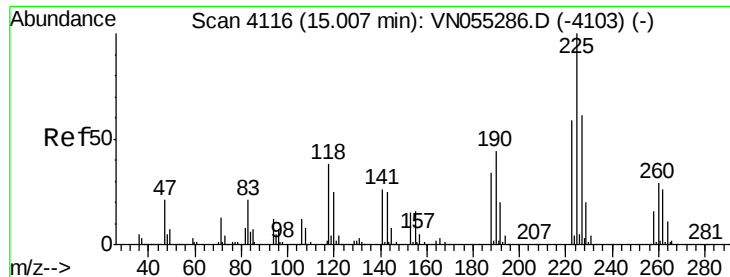


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN055346.D

Acq: 2 May 2019 13:23

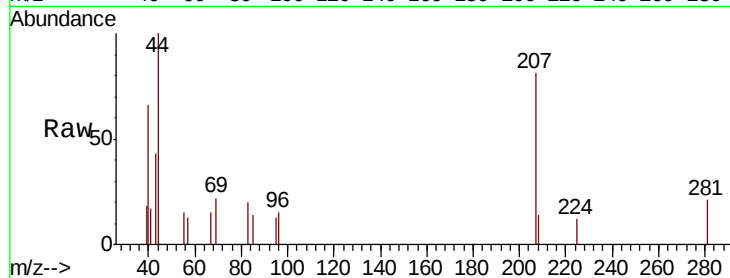
Instrument :

MSVOA\_N

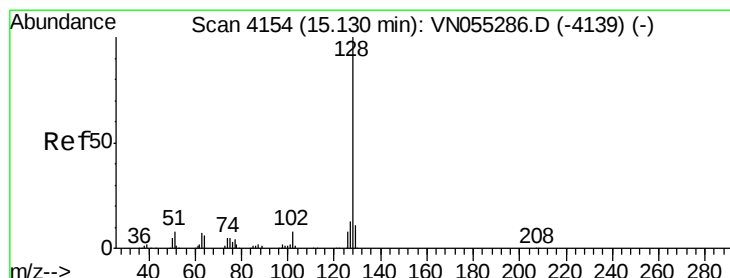
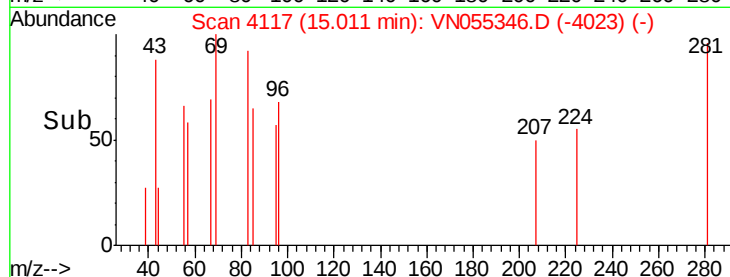
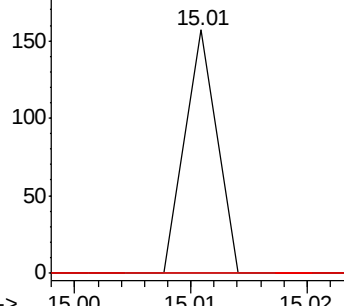
ClientSampled :

EP1-SB-EB-01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 225   | Resp: | 30    |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 30.3  | 90.8# |
| 227      | 0.0   | 30.9  | 92.7# |



Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.811 ug/l

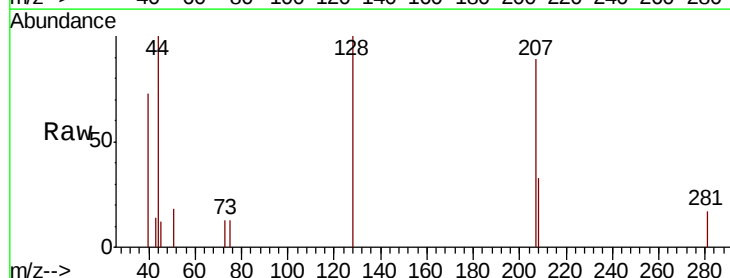
RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

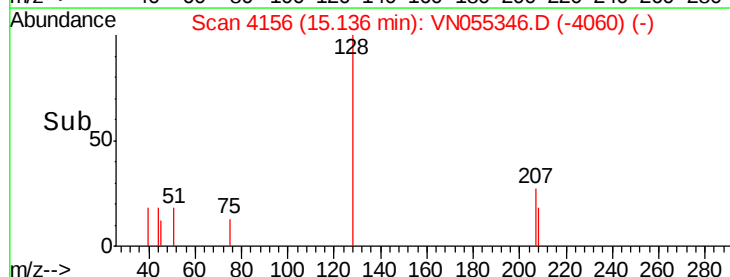
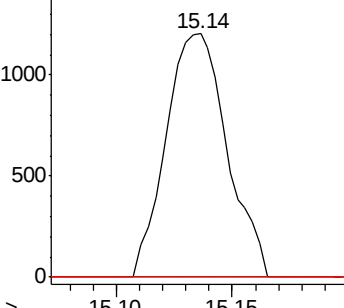
Lab File: VN055346.D

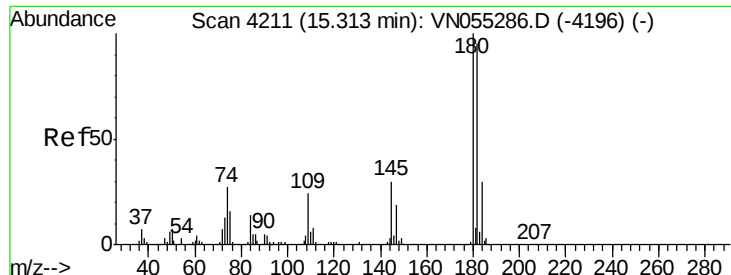
Acq: 2 May 2019 13:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 2200  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 0.0   | 10.7  | 16.1# |
| 129      | 0.0   | 8.6   | 13.0# |



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V

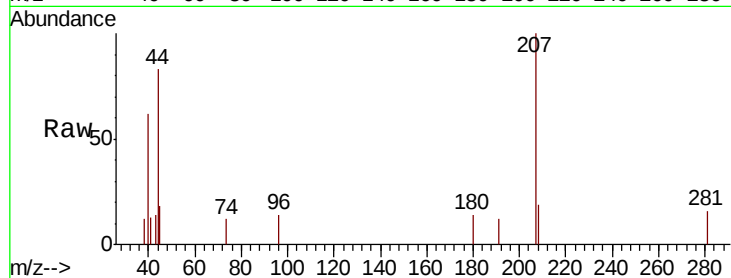




#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.691 ug/l  
 RT: 15.32 min Scan# 4212  
 Delta R.T. 0.00 min  
 Lab File: VN055346.D  
 Acq: 2 May 2019 13:23

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EP1-SB-EB-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 59.5  | 48.3  | 144.9 |
| 145     | 0.0   | 15.2  | 45.6  |

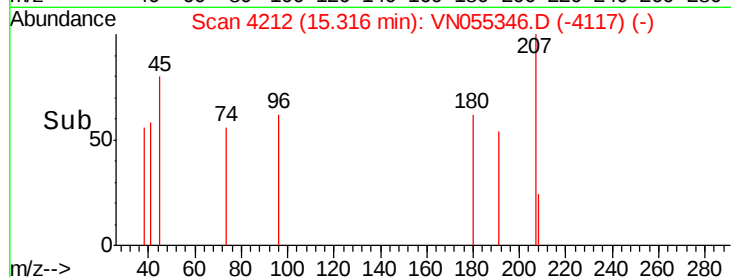
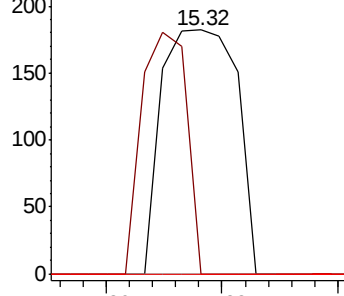


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->