

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\  
 Data File : VD062299.D  
 Acq On : 13 May 2019 12:40  
 Operator : FY/SY  
 Sample : K2718-16  
 Misc : 4.81g/5mL/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 P026-SS007-0002-01

Quant Time: May 14 05:08:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 07 14:26:29 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.08  | 168  | 9614     | 50.00 | ug/l  | 0.06     |
| 34) 1,4-Difluorobenzene    | 8.24  | 114  | 17869    | 50.00 | ug/l  | 0.05     |
| 63) Chlorobenzene-d5       | 12.38 | 117  | 16760    | 50.00 | ug/l  | 0.02     |
| 72) 1,4-Dichlorobenzene-d4 | 14.53 | 152  | 9002     | 50.00 | ug/l  | 0.02     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.46  | 65   | 10641    | 119.10 | ug/l    | 0.04     |
| Spiked Amount               |       |      | Recovery | =      | 238.20% |          |
| 35) Dibromofluoromethane    | 6.94  | 113  | 7466     | 50.36  | ug/l    | 0.05     |
| Spiked Amount               |       |      | Recovery | =      | 100.72% |          |
| 50) Toluene-d8              | 10.43 | 98   | 13903    | 38.89  | ug/l    | 0.03     |
| Spiked Amount               |       |      | Recovery | =      | 77.78%  |          |
| 62) 4-Bromofluorobenzene    | 13.57 | 95   | 6346     | 44.21  | ug/l    | 0.02     |
| Spiked Amount               |       |      | Recovery | =      | 88.42%  |          |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 5) Bromomethane                | 2.18  | 94   | 1307     | 85.425 | ug/l # | 1      |
| 10) Methyl Iodide              | 3.35  | 142  | 1023     | 7.048  | ug/l # | 89     |
| 16) Acetone                    | 3.24  | 43   | 1689     | 90.145 | ug/l # | 50     |
| 20) Methylene Chloride         | 3.84  | 84   | 387      | 4.947  | ug/l # | 60     |
| 23) Vinyl Acetate              | 5.02  | 43   | 277      | 2.315  | ug/l # | 77     |
| 36) 1,1-Dichloropropene        | 7.08  | 75   | 302      | 2.061  | ug/l # | 40     |
| 38) Carbon Tetrachloride       | 7.06  | 117  | 203      | 1.001  | ug/l # | 12     |
| 43) Isopropyl Acetate          | 9.60  | 43   | 233      | 2.644  | ug/l # | 43     |
| 51) 4-Methyl-2-Pentanone       | 10.32 | 43   | 178      | 3.143  | ug/l # | 37     |
| 55) 1,1,2-Trichloroethane      | 11.23 | 97   | 449      | 5.895  | ug/l # | 16     |
| 59) 2-Hexanone                 | 11.75 | 43   | 196      | 4.695  | ug/l # | 27     |
| 65) Chlorobenzene              | 12.41 | 112  | 468      | 1.499  | ug/l # | 42     |
| 67) Ethyl Benzene              | 12.53 | 91   | 840      | 1.607  | ug/l # | 44     |
| 68) m/p-Xylenes                | 12.68 | 106  | 455      | 2.393  | ug/l   | 85     |
| 70) Styrene                    | 13.08 | 104  | 600      | 2.004  | ug/l # | 49     |
| 73) Isopropylbenzene           | 13.41 | 105  | 889      | 1.647  | ug/l # | 51     |
| 76) 1,2,3-Trichloropropane     | 13.57 | 75   | 2709     | 25.322 | ug/l # | 42     |
| 78) n-propylbenzene            | 13.78 | 91   | 1177     | 1.829  | ug/l # | 54     |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 551      | 1.495  | ug/l # | 38     |
| 80) 1,3,5-Trimethylbenzene     | 13.94 | 105  | 991      | 2.181  | ug/l # | 29     |
| 81) trans-1,4-Dichloro-2-buten | 13.57 | 75   | 2710     | 89.731 | ug/l # | 16     |
| 82) 4-Chlorotoluene            | 13.96 | 91   | 1554     | 3.582  | ug/l # | 37     |
| 83) tert-Butylbenzene          | 14.20 | 119  | 879      | 1.721  | ug/l # | 80     |
| 84) 1,2,4-Trimethylbenzene     | 14.25 | 105  | 938      | 2.057  | ug/l   | 87     |
| 85) sec-Butylbenzene           | 14.37 | 105  | 618      | 1.104  | ug/l # | 60     |
| 86) p-Isopropyltoluene         | 14.50 | 119  | 889      | 1.777  | ug/l # | 52     |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 895      | 3.243  | ug/l   | 96     |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 859      | 3.168  | ug/l   | 81     |
| 89) n-Butylbenzene             | 14.81 | 91   | 1147     | 2.554  | ug/l   | 75     |
| 91) 1,2-Dichlorobenzene        | 14.82 | 146  | 862      | 3.793  | ug/l # | 45     |
| 93) 1,2,4-Trichlorobenzene     | 15.95 | 180  | 1472     | 8.899  | ug/l   | 80     |
| 94) Hexachlorobutadiene        | 16.05 | 225  | 216      | 1.756  | ug/l # | 19     |
| 95) Naphthalene                | 16.13 | 128  | 1742     | 7.543  | ug/l # | 70     |
| 96) 1,2,3-Trichlorobenzene     | 16.27 | 180  | 974      | 9.365  | ug/l # | 79     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\  
Data File : VD062299.D  
Acq On : 13 May 2019 12:40  
Operator : FY/SY  
Sample : K2718-16  
Misc : 4.81g/5mL/MSVOA D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
P026-SS007-0002-01

Quant Time: May 14 05:08:53 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 07 14:26:29 2019  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

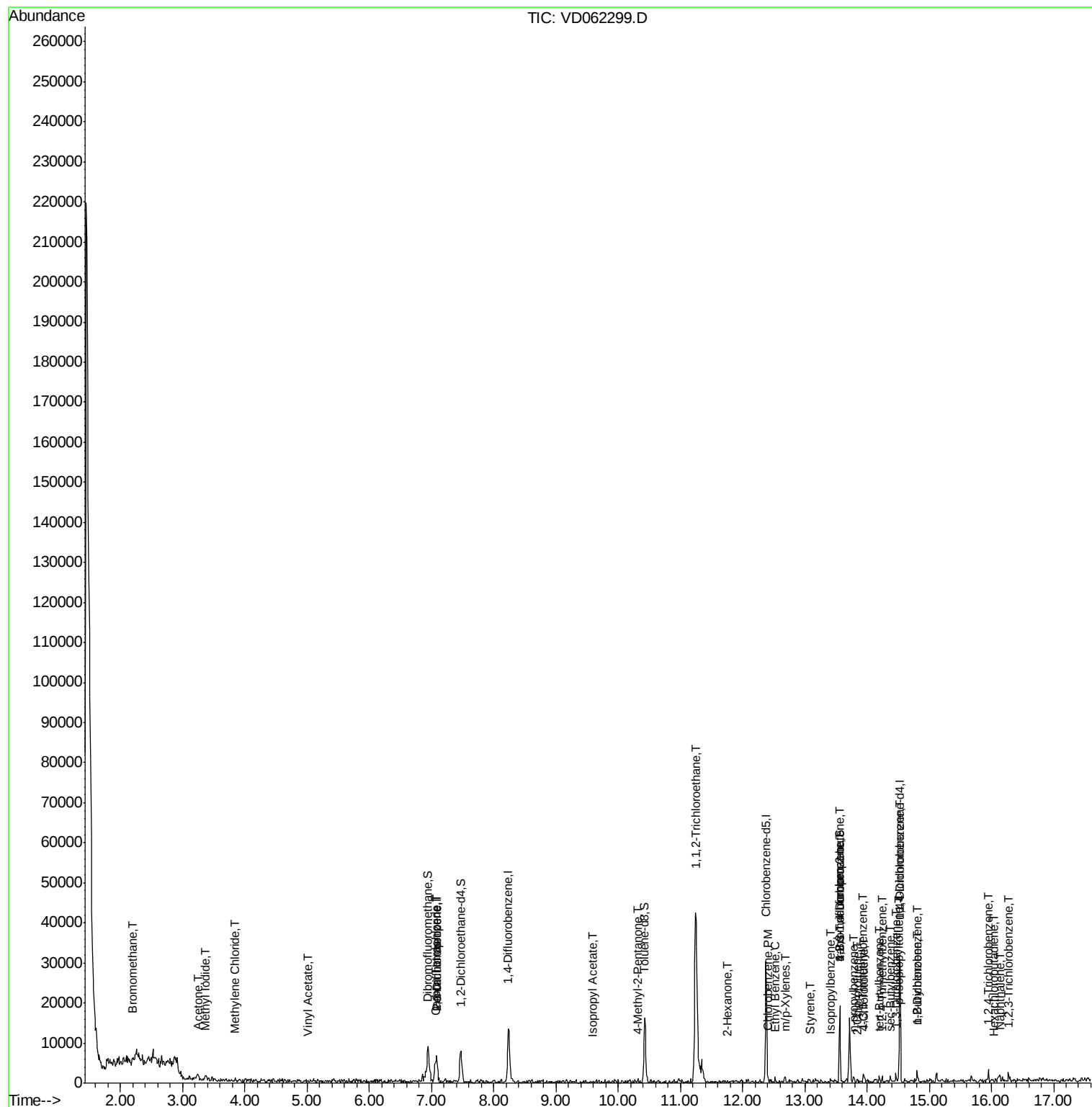
|       |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|
| ----- |  |  |  |  |  |  |
| ----- |  |  |  |  |  |  |

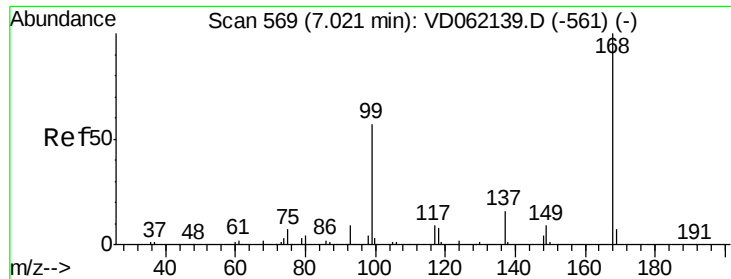
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051319\  
Data File : VD062299.D  
Acq On : 13 May 2019 12:40  
Operator : FY/SY  
Sample : K2718-16  
Misc : 4.81g/5mL/MSVOA D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
P026-SS007-0002-01

Quant Time: May 14 05:08:53 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 07 14:26:29 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 575

Delta R.T. 0.06 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA\_D

ClientSampleId :

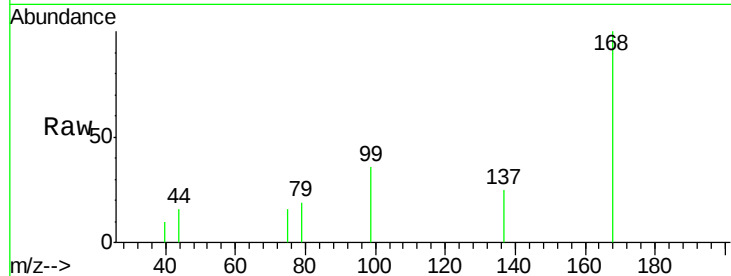
P026-SS007-0002-01

Tot Ion:168 Resp: 9614

Ion Ratio Lower Upper

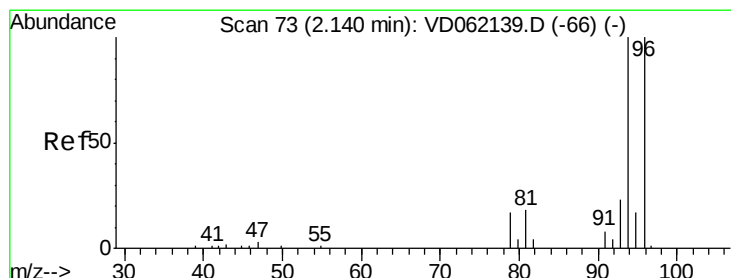
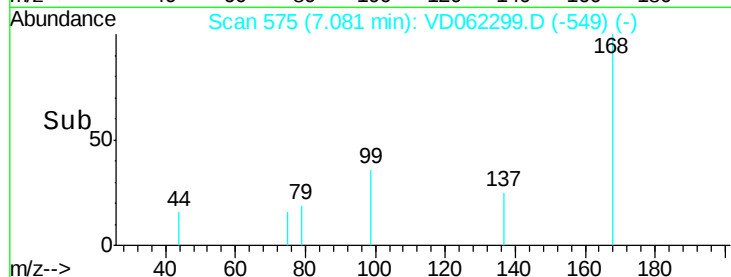
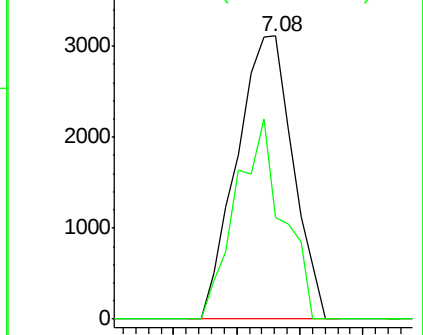
168 100

99 36.0 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 85.425 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.04 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

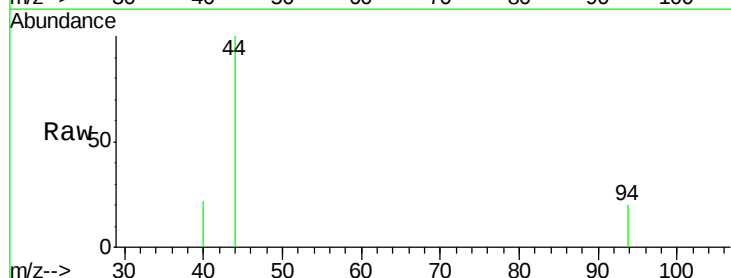
Tgt Ion: 94 Resp: 1307

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

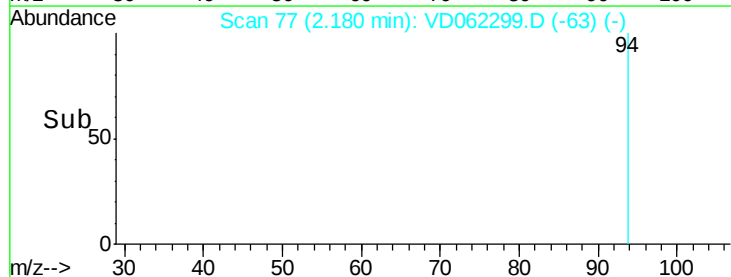
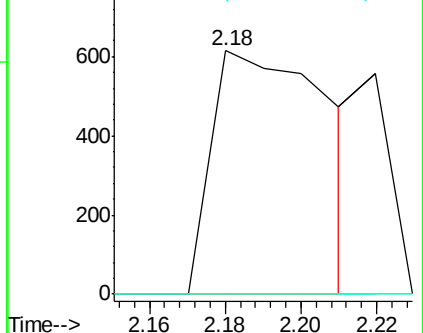
93 100.0 18.5 27.7#

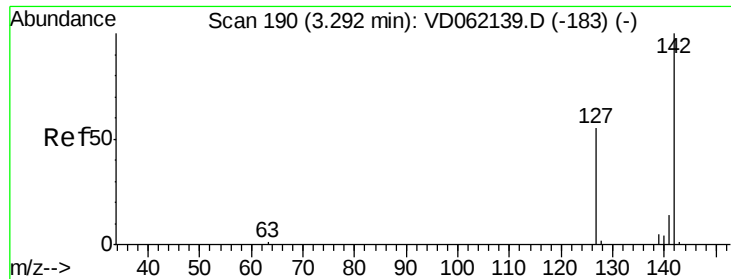


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

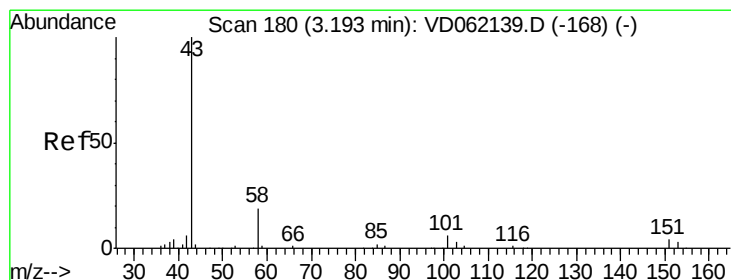
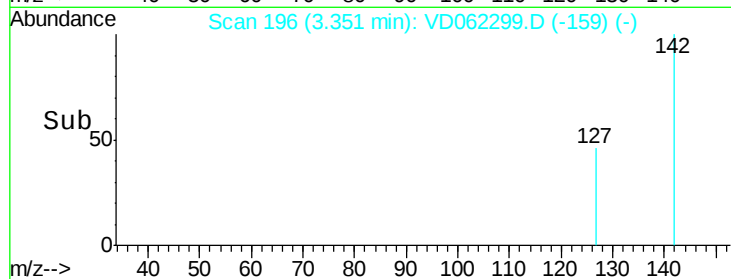
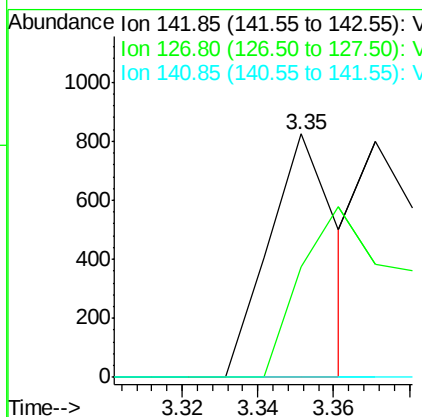
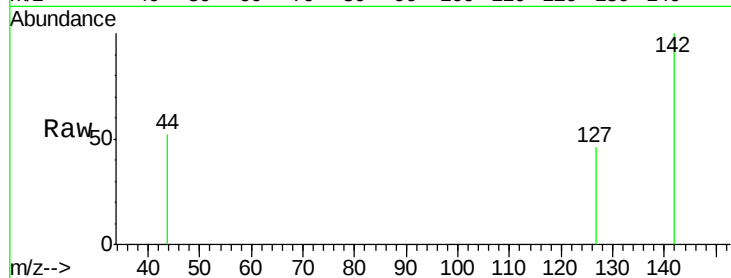




#10  
Methvl Iodide  
Concen: 7.048 ug/l  
RT: 3.35 min Scan# 196  
Delta R.T. 0.06 min  
Lab File: VD062299.D  
Acq: 13 May 2019 12:40

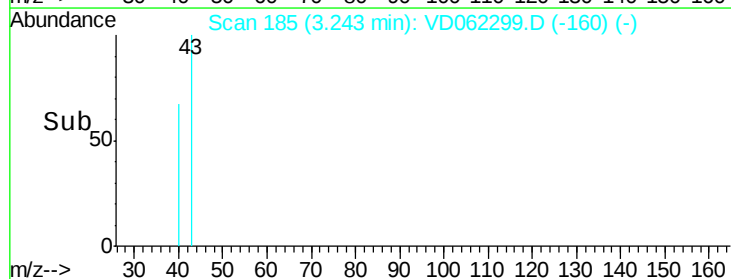
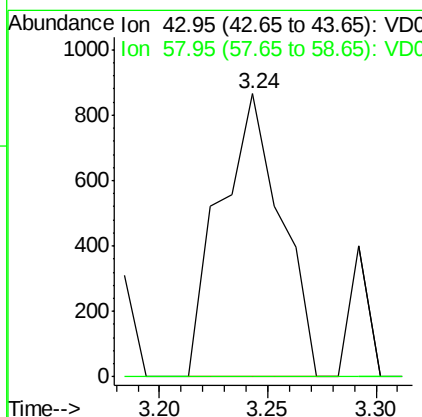
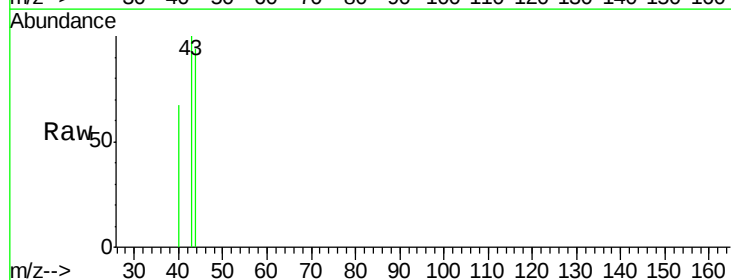
Instrument :  
MSVOA\_D  
ClientSampleId :  
P026-SS007-0002-01

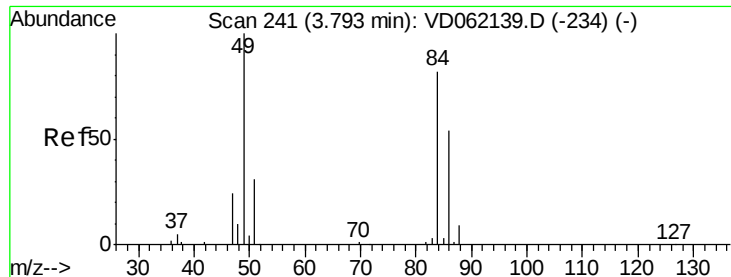
Tot Ion:142 Resp: 1023  
Ion Ratio Lower Upper  
142 100  
127 45.6 38.8 58.2  
141 0.0 11.4 17.0#



#16  
Acetone  
Concen: 90.145 ug/l  
RT: 3.24 min Scan# 185  
Delta R.T. 0.05 min  
Lab File: VD062299.D  
Acq: 13 May 2019 12:40

Tgt Ion: 43 Resp: 1689  
Ion Ratio Lower Upper  
43 100  
58 0.0 19.9 29.9#

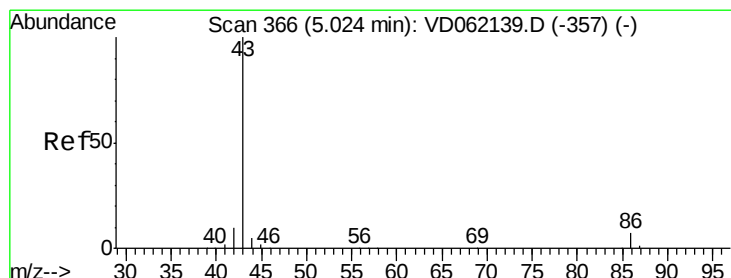
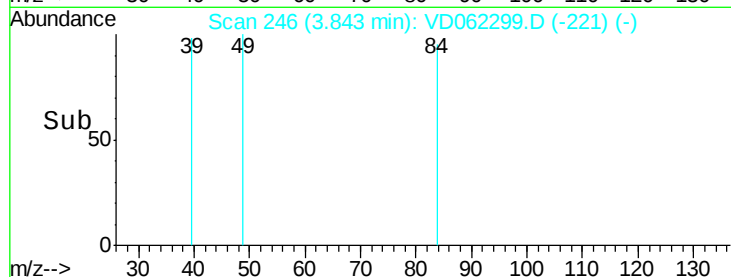
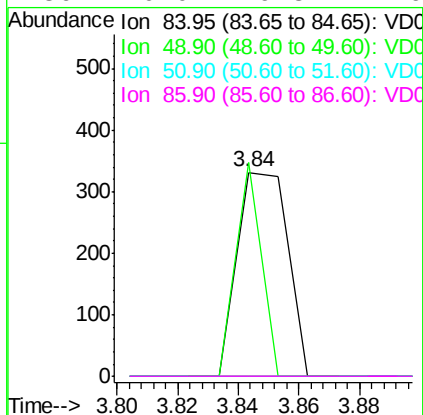
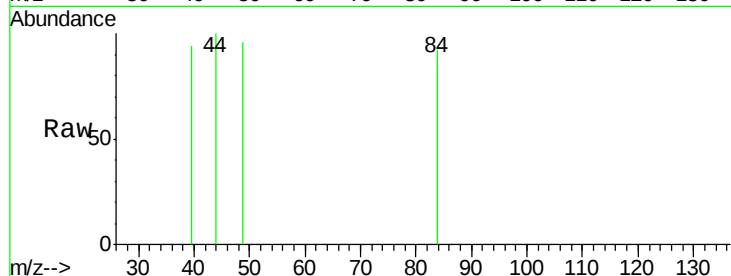




#20  
Methvlene Chloride  
Concen: 4.947 ug/l  
RT: 3.84 min Scan# 246  
Delta R.T. 0.05 min  
Lab File: VD062299.D  
Acq: 13 May 2019 12:40

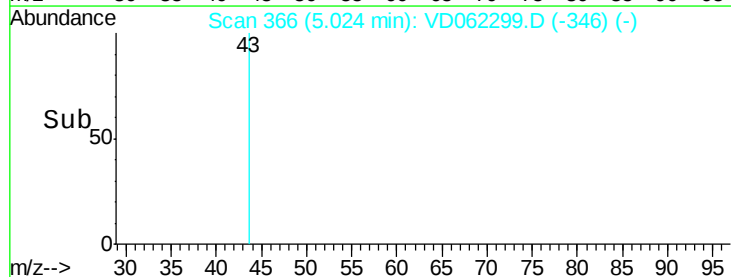
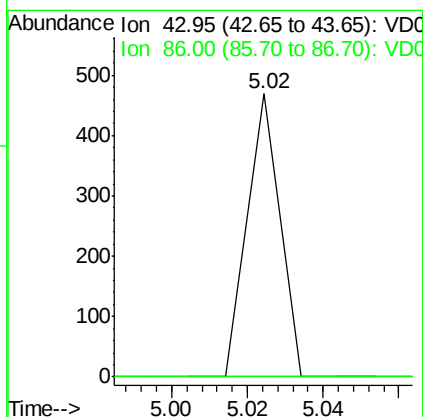
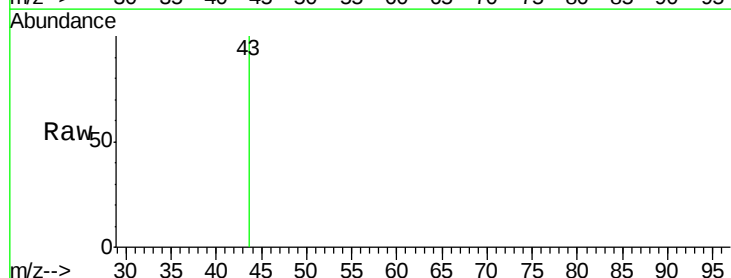
Instrument :  
MSVOA\_D  
ClientSampleId :  
P026-SS007-0002-01

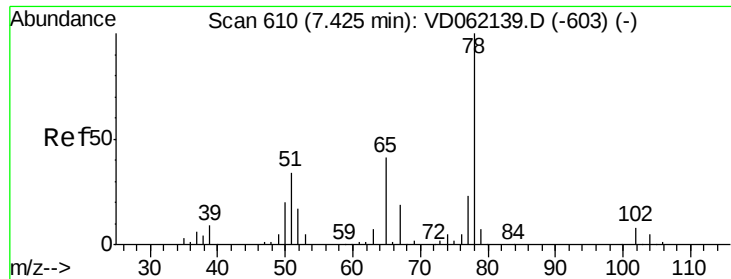
Tot Ion: 84 Resp: 387  
Ion Ratio Lower Upper  
84 100  
49 104.8 94.0 141.0  
51 0.0 29.0 43.4#  
86 0.0 49.8 74.6#



#23  
Vinyl Acetate  
Concen: 2.315 ug/l  
RT: 5.02 min Scan# 366  
Delta R.T. 0.00 min  
Lab File: VD062299.D  
Acq: 13 May 2019 12:40

Tgt Ion: 43 Resp: 277  
Ion Ratio Lower Upper  
43 100  
86 0.0 6.4 9.6#





#33

1,2-Dichloroethane-d4

Concen: 119.101 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA\_D

ClientSampleId :

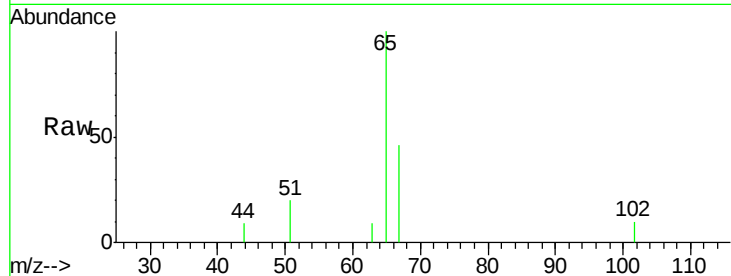
P026-SS007-0002-01

Tot Ion: 65 Resp: 10641

Ion Ratio Lower Upper

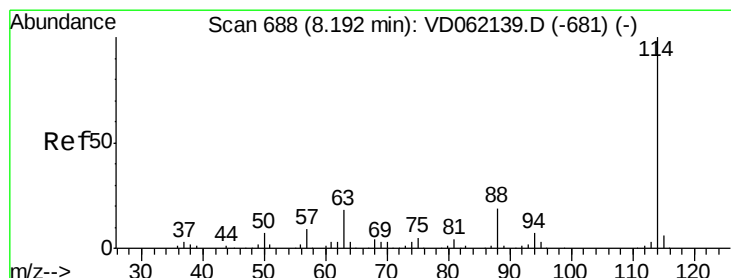
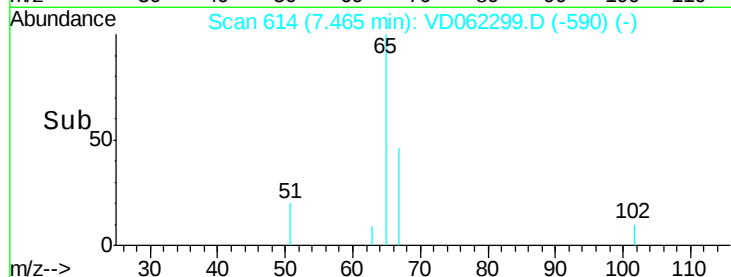
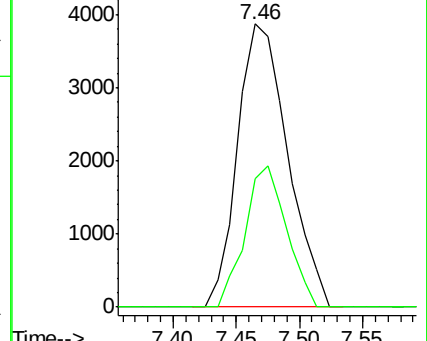
65 100

67 45.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 693

Delta R.T. 0.05 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

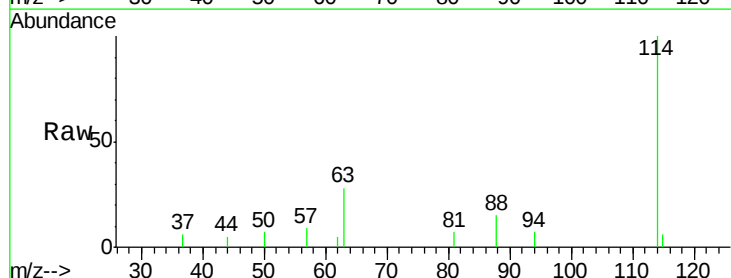
Tgt Ion: 114 Resp: 17869

Ion Ratio Lower Upper

114 100

63 27.6 0.0 32.4

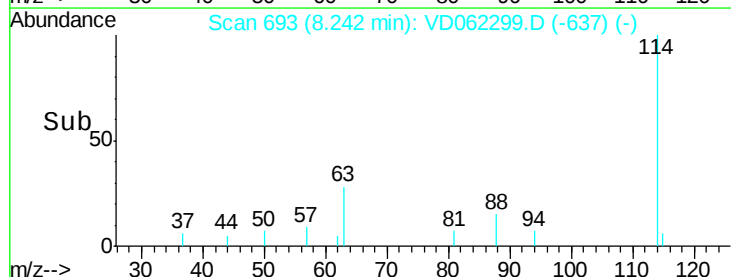
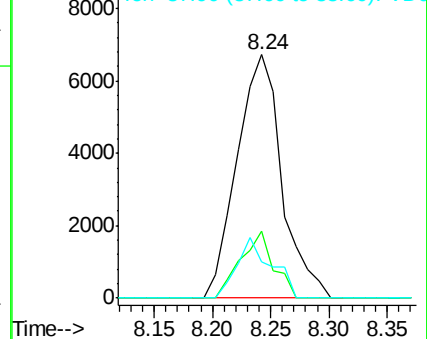
88 14.7 0.0 33.6

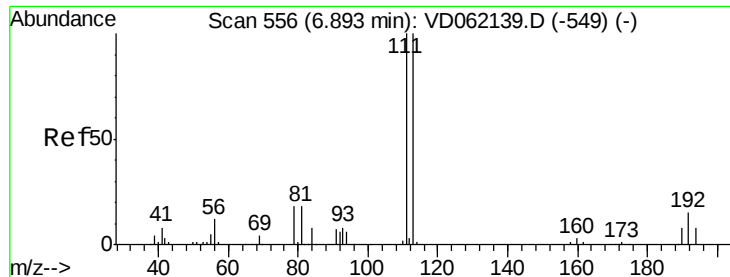


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.357 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA\_D

ClientSampleId :

P026-SS007-0002-01

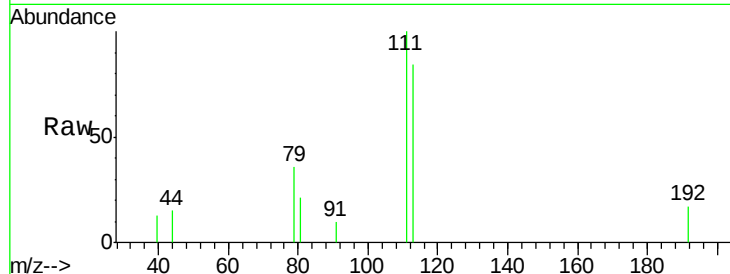
Tot Ion:113 Resp: 7466

Ion Ratio Lower Upper

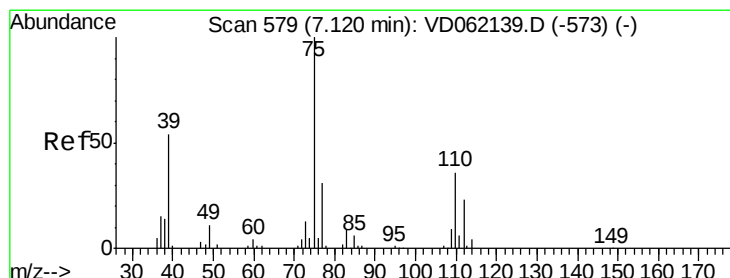
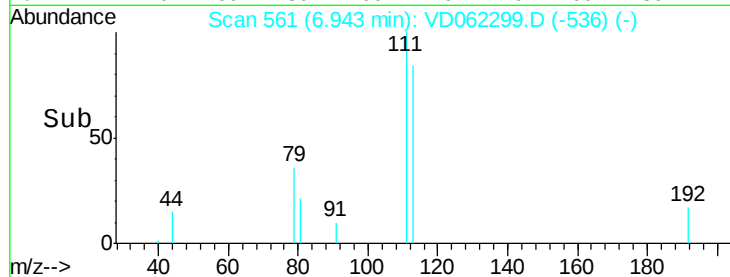
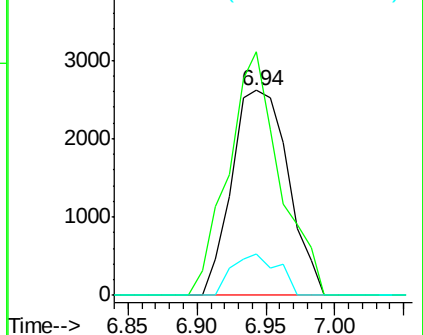
113 100

111 118.9 78.5 117.7#

192 19.9 13.0 19.4#



Abundance Ion 112.90 (112.60 to 113.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 2.061 ug/l

RT: 7.08 min Scan# 575

Delta R.T. -0.04 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

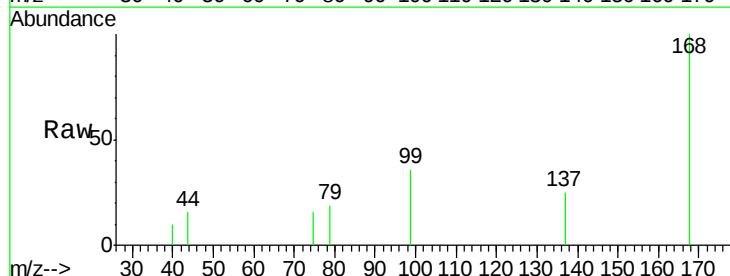
Tgt Ion: 75 Resp: 302

Ion Ratio Lower Upper

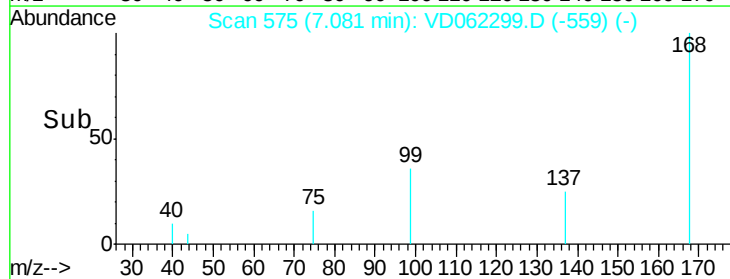
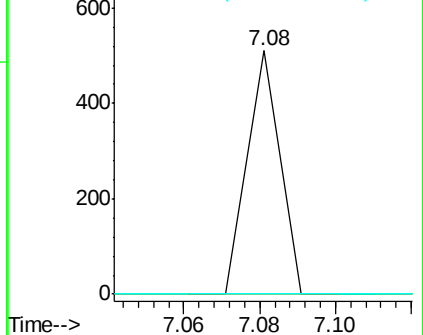
75 100

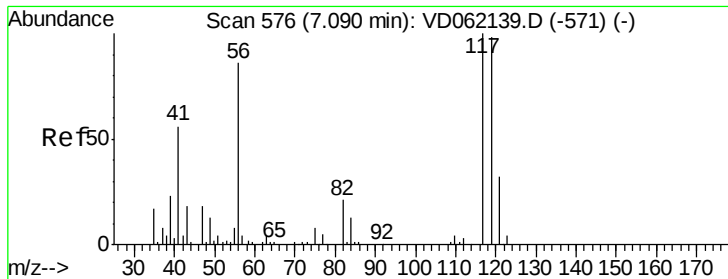
110 0.0 19.1 57.1#

77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 1.001 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.03 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA\_D

ClientSampleId :

P026-SS007-0002-01

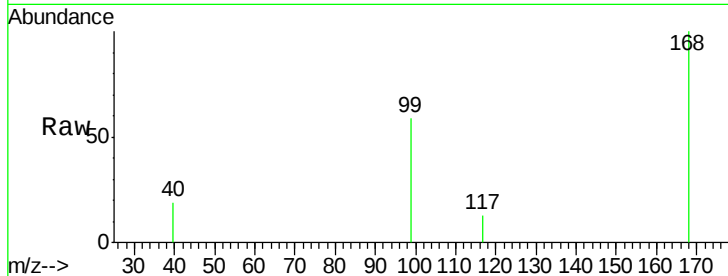
Tot Ion:117 Resp: 203

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

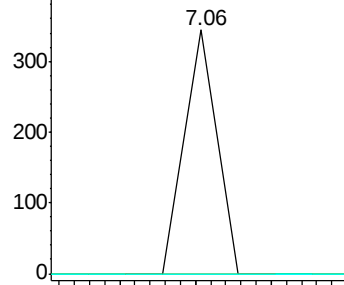
121 0.0 25.9 38.9#



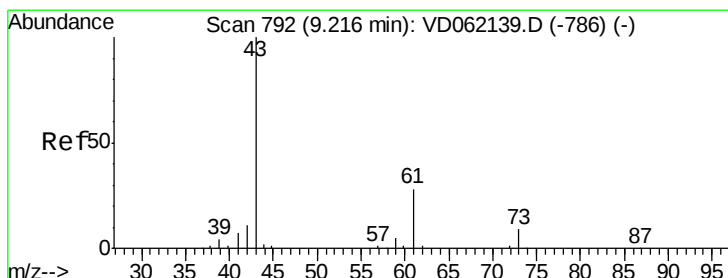
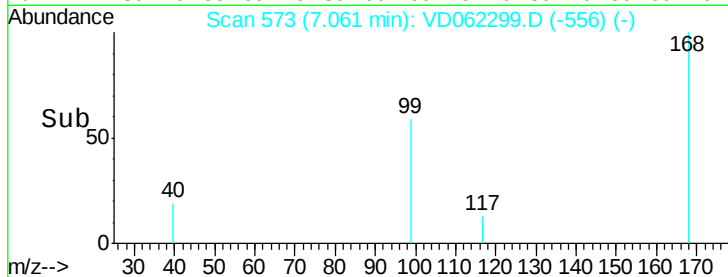
Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



Time-->



#43

Isopropyl Acetate

Concen: 2.644 ug/l

RT: 9.60 min Scan# 831

Delta R.T. 0.38 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

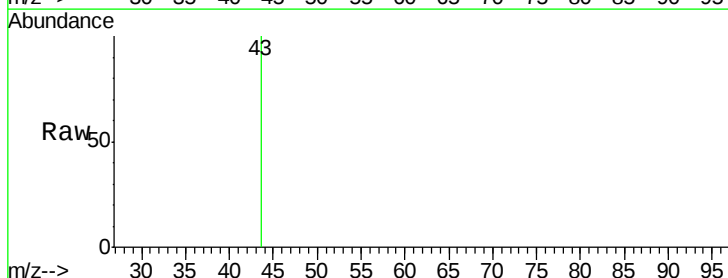
Tgt Ion: 43 Resp: 233

Ion Ratio Lower Upper

43 100

61 0.0 25.1 37.7#

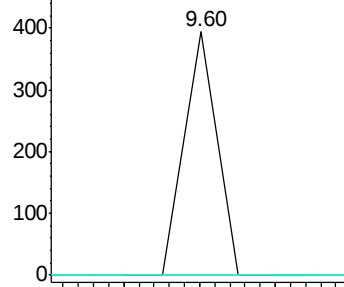
87 0.0 0.0 0.0



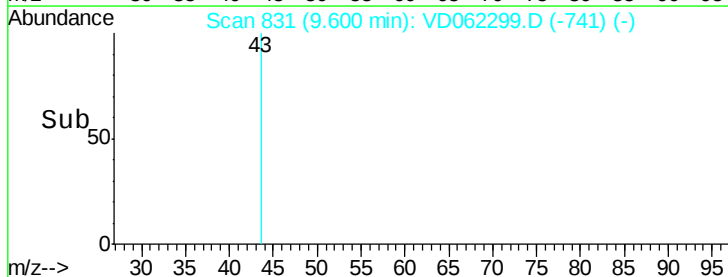
Abundance Ion 42.95 (42.65 to 43.65): VDC

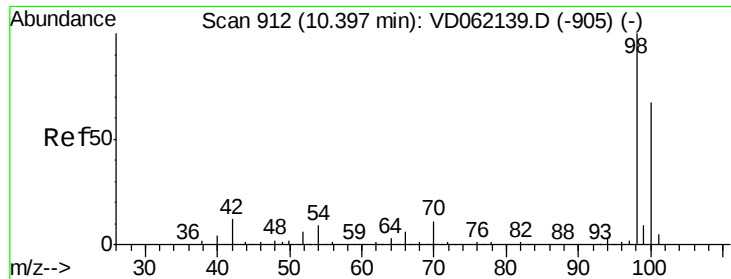
Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



Time-->





#50

Toluene-d8

Concen: 38.893 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA\_D

ClientSampleId :

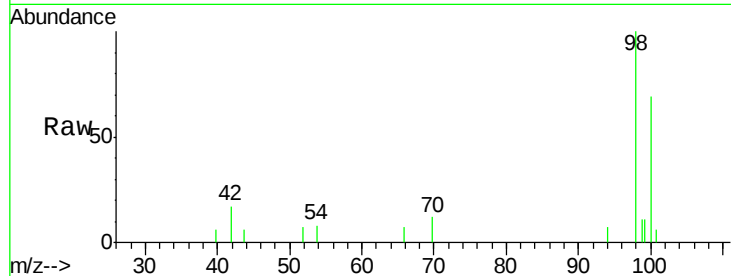
P026-SS007-0002-01

Tot Ion: 98 Resp: 13903

Ion Ratio Lower Upper

98 100

100 69.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.43

6000

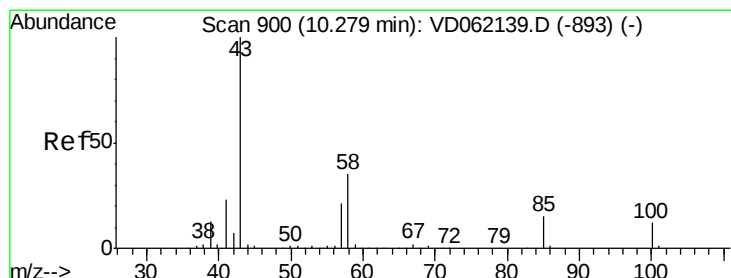
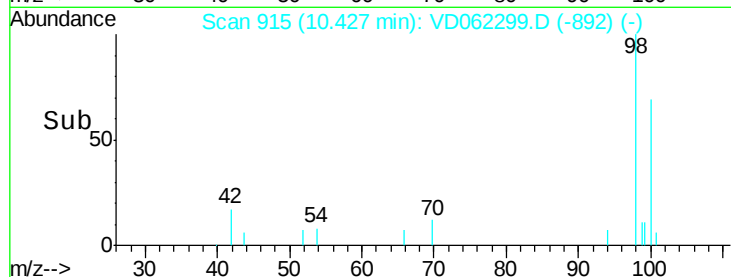
4000

2000

0

Time-->

10.35 10.40 10.45 10.50



#51

4-Methyl-2-Pentanone

Concen: 3.143 ug/l

RT: 10.32 min Scan# 904

Delta R.T. 0.04 min

Lab File: VD062299.D

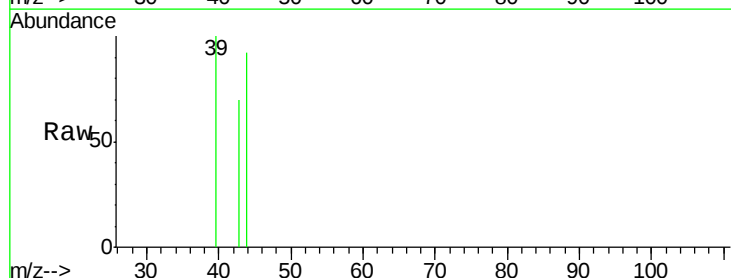
Acq: 13 May 2019 12:40

Tgt Ion: 43 Resp: 178

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VD062139.D (-893) (-)

Ion 57.95 (57.65 to 58.65): VD062139.D (-893) (-)

10.32

300

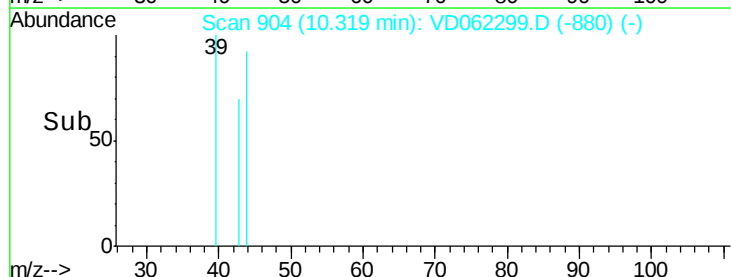
200

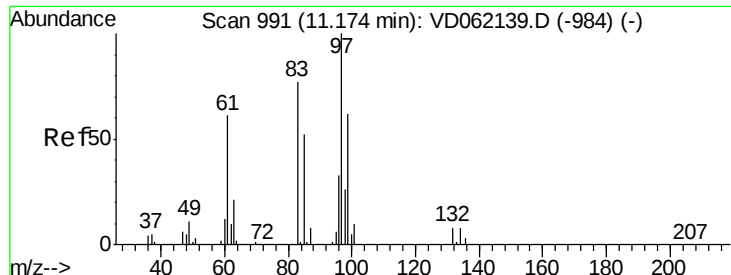
100

0

Time-->

10.28 10.30 10.32 10.34

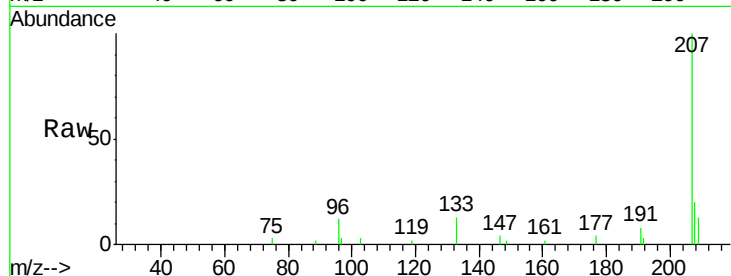




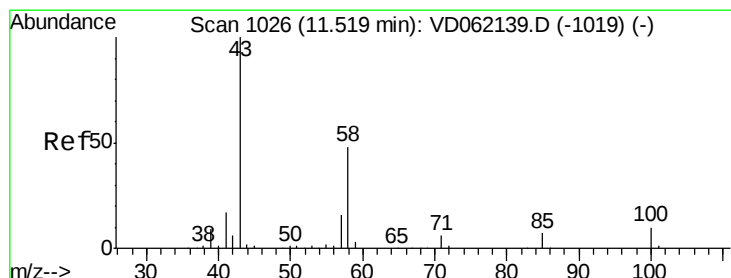
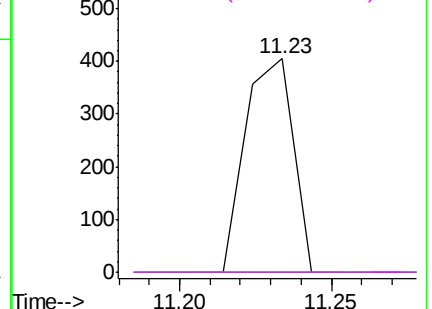
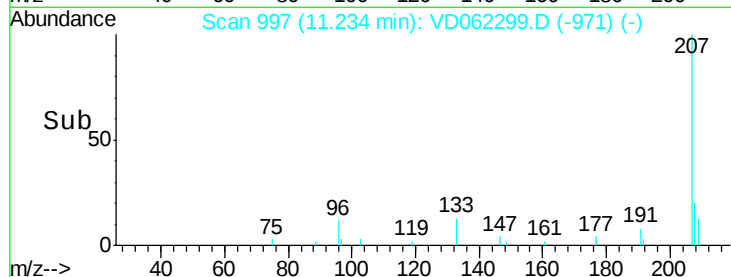
#55  
 1,1,2-Trichloroethane  
 Concen: 5.895 ug/l  
 RT: 11.23 min Scan# 997  
 Delta R.T. 0.06 min  
 Lab File: VD062299.D  
 Acq: 13 May 2019 12:40

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 P026-SS007-0002-01

Tot Ion: 97 Resp: 449  
 Ion Ratio Lower Upper  
 97 100  
 83 0.0 65.7 98.5#  
 85 0.0 45.6 68.4#  
 99 0.0 48.4 72.6#

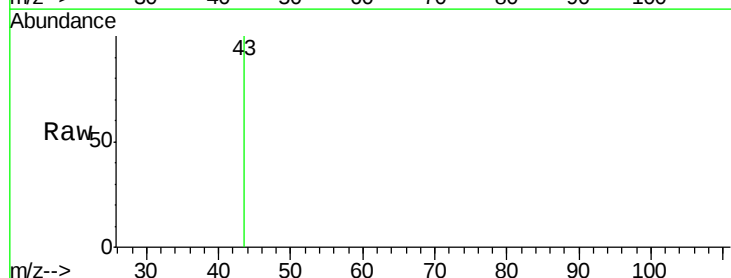


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

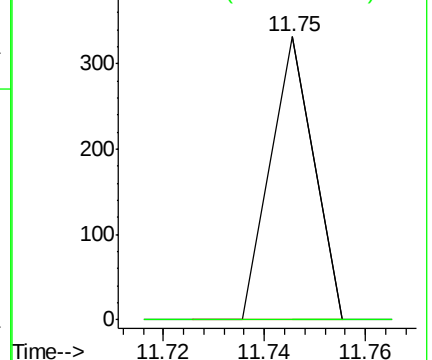
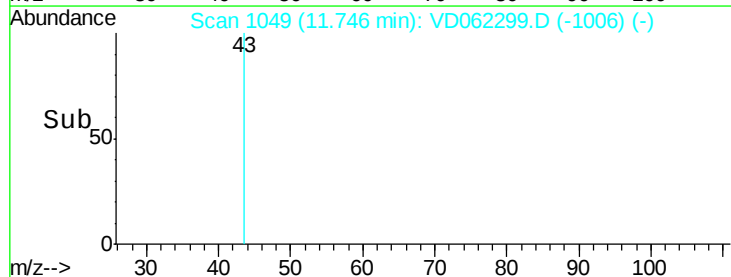


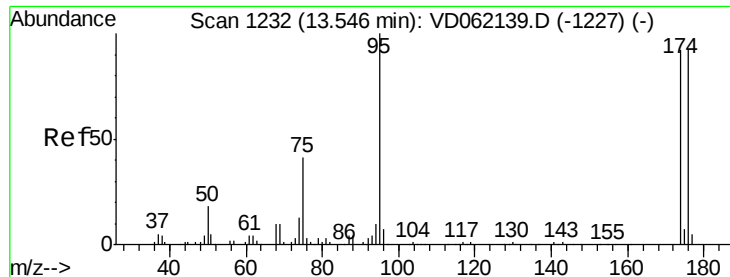
#59  
 2-Hexanone  
 Concen: 4.695 ug/l  
 RT: 11.75 min Scan# 1049  
 Delta R.T. 0.23 min  
 Lab File: VD062299.D  
 Acq: 13 May 2019 12:40

Tgt Ion: 43 Resp: 196  
 Ion Ratio Lower Upper  
 43 100  
 58 0.0 25.4 76.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 57.95 (57.65 to 58.65): VDC

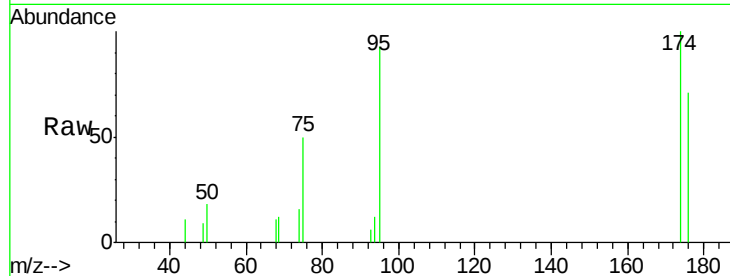




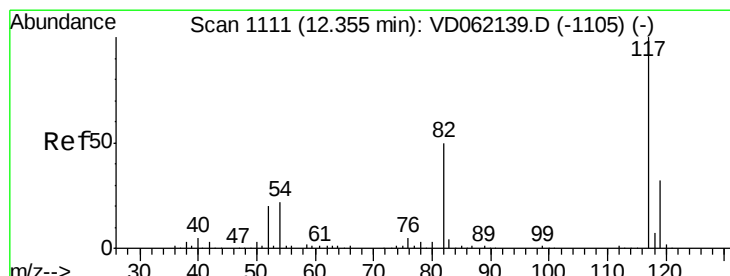
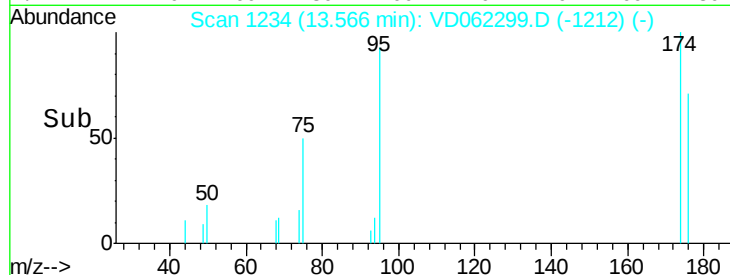
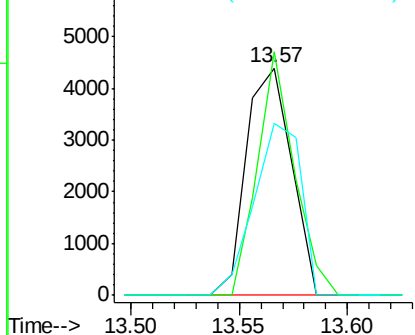
#62  
4-Bromofluorobenzene  
Concen: 44.209 ug/l  
RT: 13.57 min Scan# 1234  
Delta R.T. 0.02 min  
Lab File: VD062299.D  
Acq: 13 May 2019 12:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
P026-SS007-0002-01

Tot Ion: 95 Resp: 6346  
Ion Ratio Lower Upper  
95 100  
174 107.0 0.0 181.8  
176 75.7 0.0 174.4

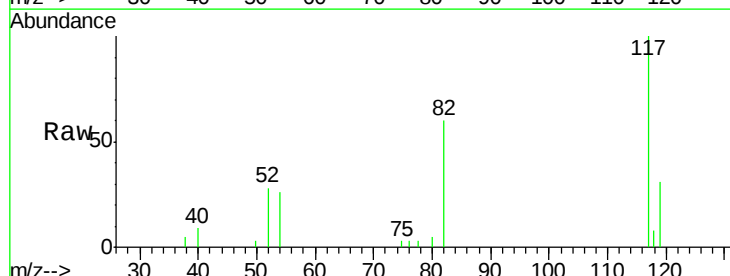


Abundance Ion 95.00 (94.70 to 95.70): V  
Ion 173.90 (173.60 to 174.60): V  
Ion 175.90 (175.60 to 176.60): V

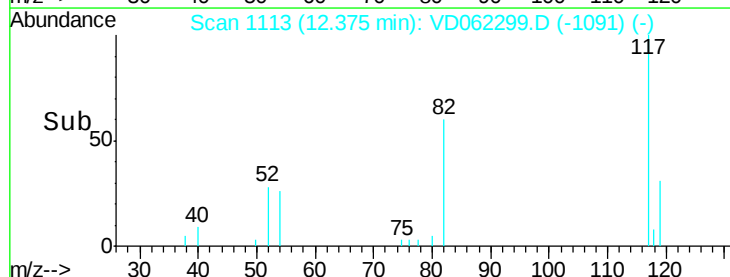
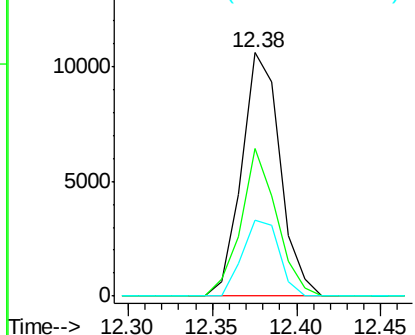


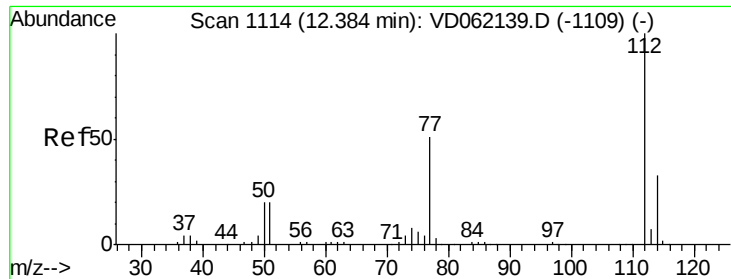
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.38 min Scan# 1113  
Delta R.T. 0.02 min  
Lab File: VD062299.D  
Acq: 13 May 2019 12:40

Tgt Ion: 117 Resp: 16760  
Ion Ratio Lower Upper  
117 100  
82 60.4 36.2 54.2#  
119 31.1 26.2 39.4



Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V





#65

Chlorobenzene

Concen: 1.499 ug/l

RT: 12.41 min Scan# 1117

Delta R.T. 0.03 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA\_D

ClientSampleId :

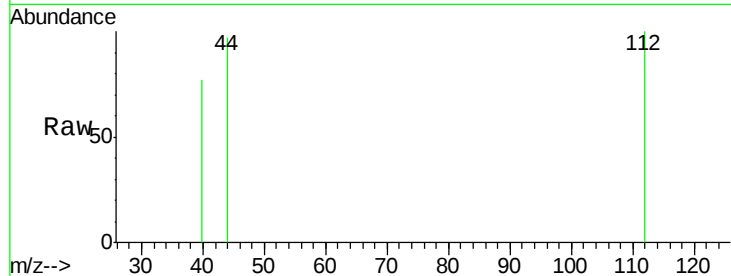
P026-SS007-0002-01

Tot Ion:112 Resp: 468

Ion Ratio Lower Upper

112 100

114 0.0 25.8 38.8#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V

12.41

400

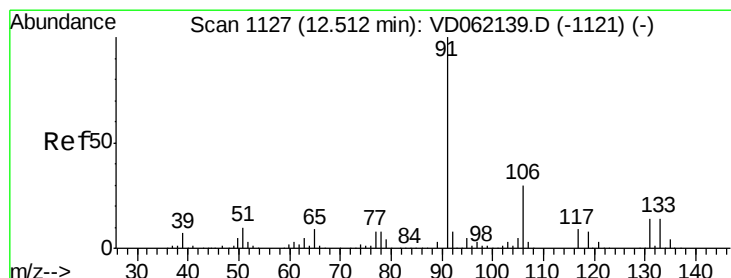
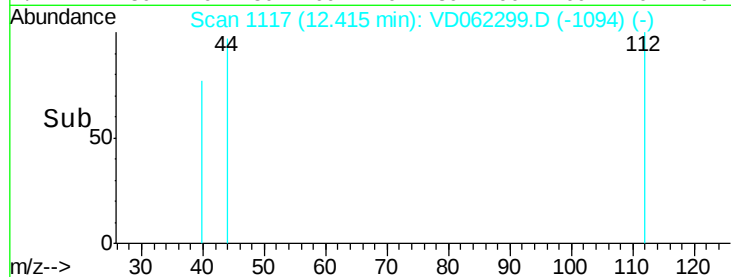
300

200

100

0

Time-->



#67

Ethyl Benzene

Concen: 1.607 ug/l

RT: 12.53 min Scan# 1129

Delta R.T. 0.02 min

Lab File: VD062299.D

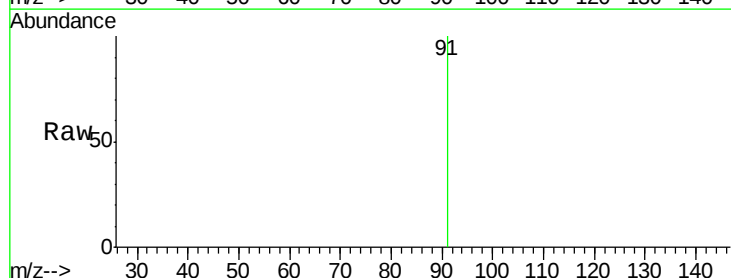
Acq: 13 May 2019 12:40

Tgt Ion: 91 Resp: 840

Ion Ratio Lower Upper

91 100

106 0.0 24.7 37.1#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V

12.53

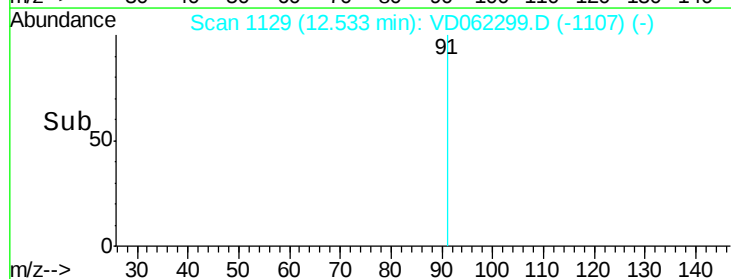
600

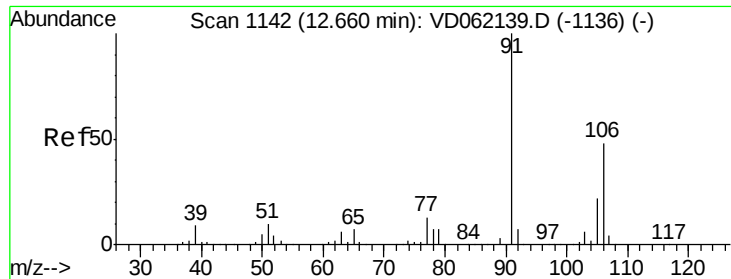
400

200

0

Time-->

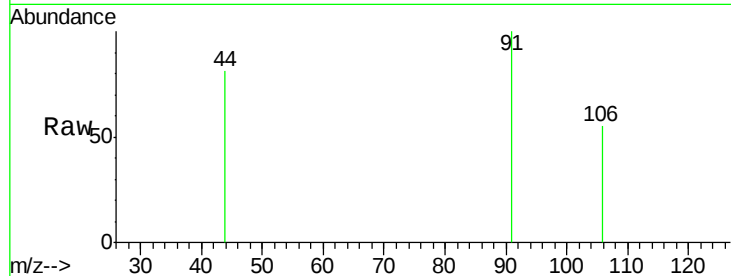




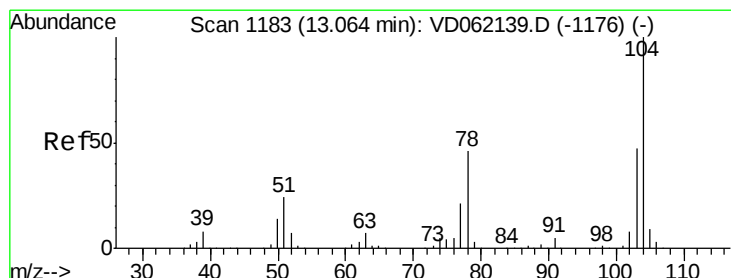
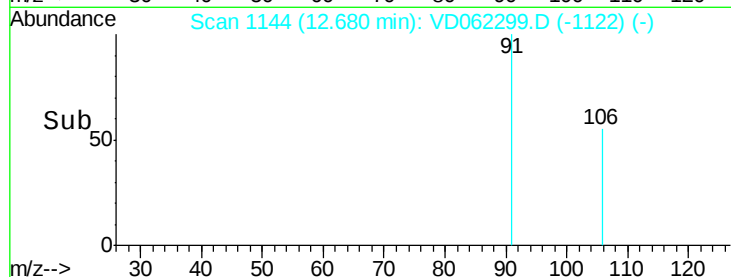
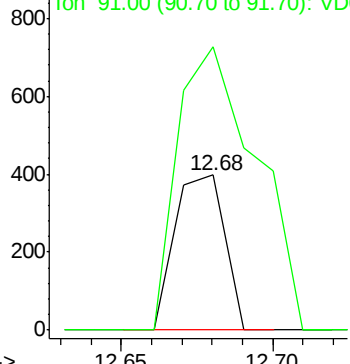
#68  
m/p-Xvlenes  
Concen: 2.393 ug/l  
RT: 12.68 min Scan# 1144  
Delta R.T. 0.02 min  
Lab File: VD062299.D  
Acq: 13 May 2019 12:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
P026-SS007-0002-01

Tot Ion:106 Resp: 455  
Ion Ratio Lower Upper  
106 100  
91 182.7 164.0 246.0

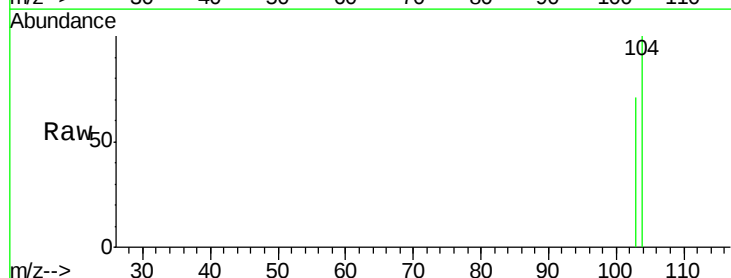


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

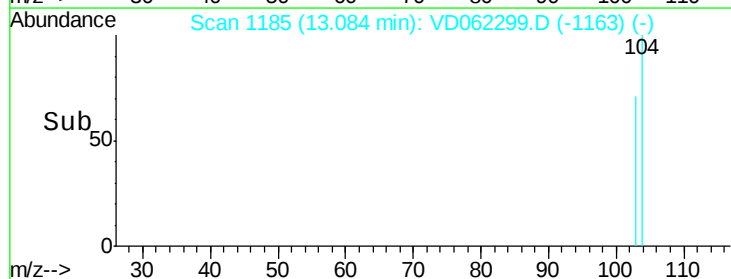
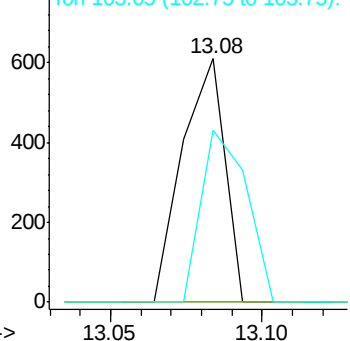


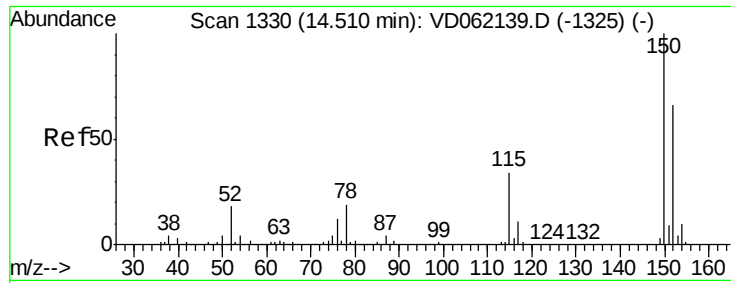
#70  
Styrene  
Concen: 2.004 ug/l  
RT: 13.08 min Scan# 1185  
Delta R.T. 0.02 min  
Lab File: VD062299.D  
Acq: 13 May 2019 12:40

Tgt Ion:104 Resp: 600  
Ion Ratio Lower Upper  
104 100  
78 0.0 35.4 53.2#  
103 70.7 37.5 56.3#



Abundance Ion 104.05 (103.75 to 104.75): V  
Ion 77.95 (77.65 to 78.65): V  
Ion 103.05 (102.75 to 103.75): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. 0.02 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA\_D

ClientSampleId :

P026-SS007-0002-01

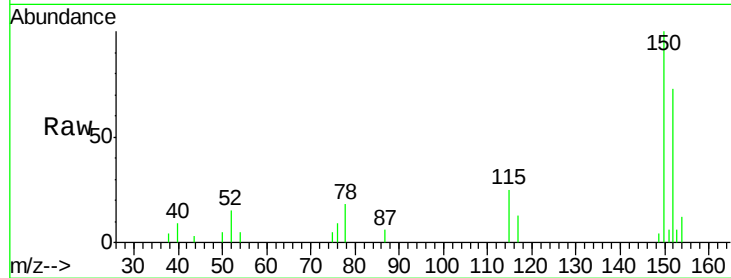
Tot Ion:152 Resp: 9002

Ion Ratio Lower Upper

152 100

115 34.0 30.9 92.7

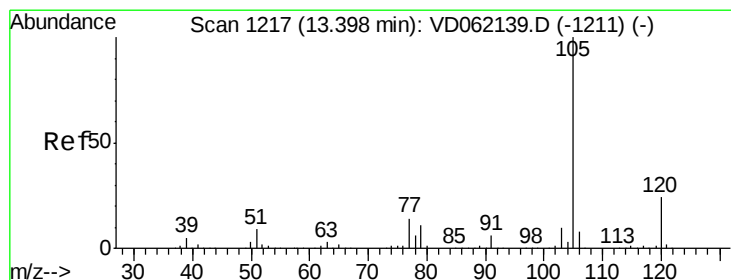
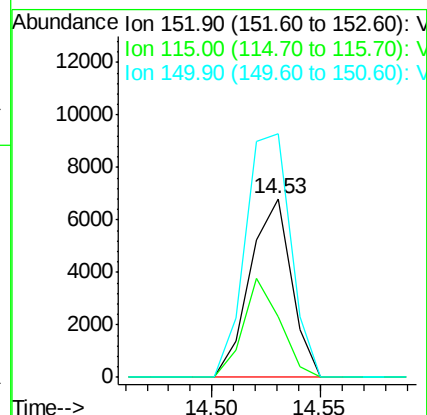
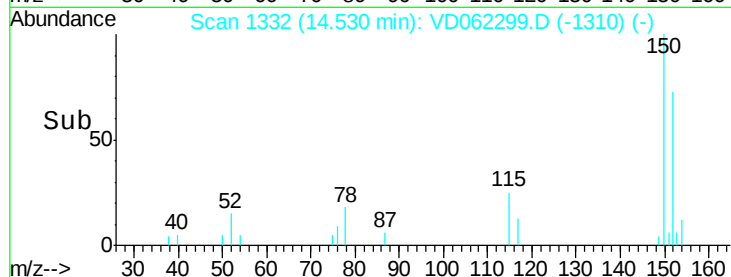
150 136.5 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.647 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VD062299.D

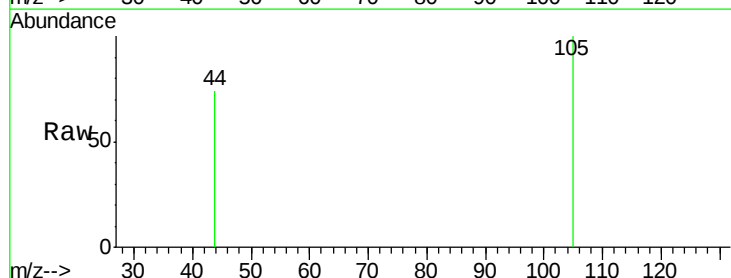
Acq: 13 May 2019 12:40

Tgt Ion:105 Resp: 889

Ion Ratio Lower Upper

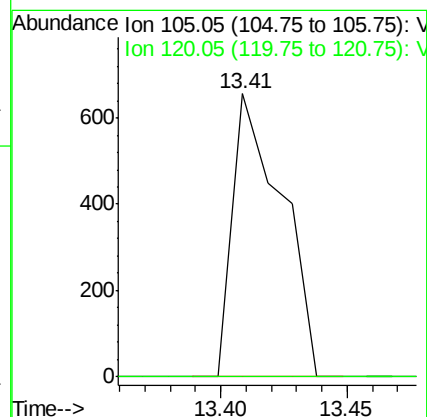
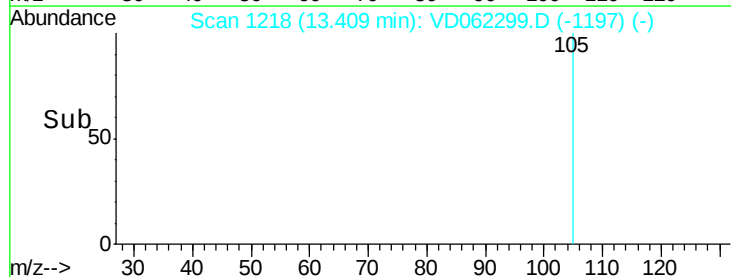
105 100

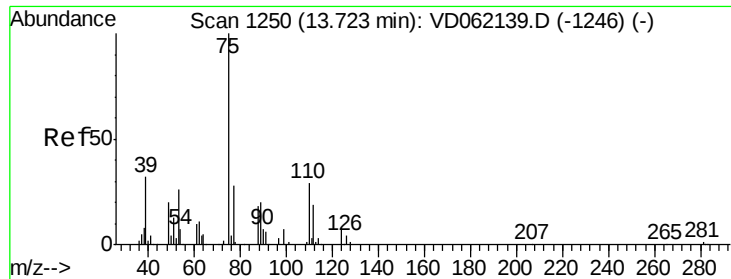
120 0.0 12.0 36.1#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#76

1,2,3-Trichloropropane

Concen: 25.322 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA\_D

ClientSampleId :

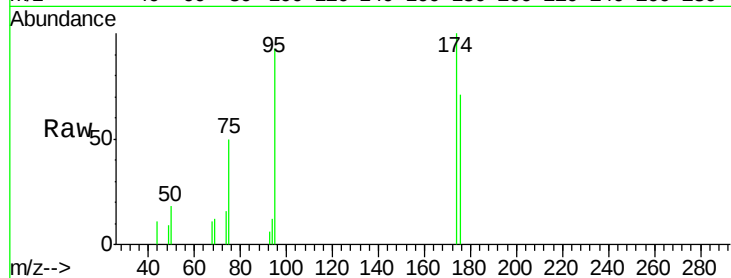
P026-SS007-0002-01

Tot Ion: 75 Resp: 2709

Ion Ratio Lower Upper

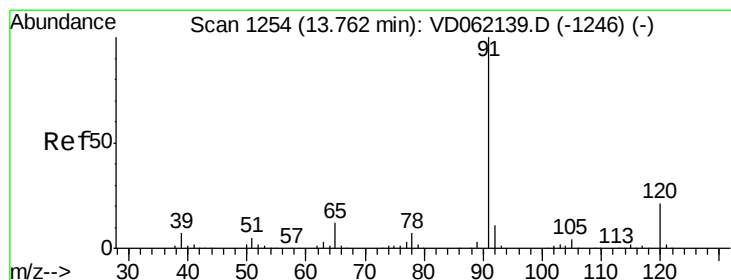
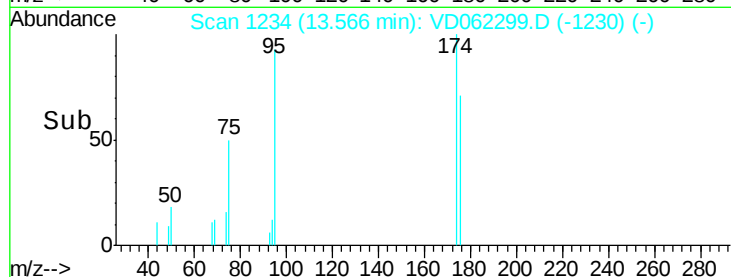
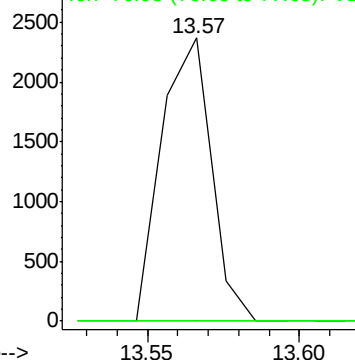
75 100

77 0.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#78

n-propylbenzene

Concen: 1.829 ug/l

RT: 13.78 min Scan# 1256

Delta R.T. 0.02 min

Lab File: VD062299.D

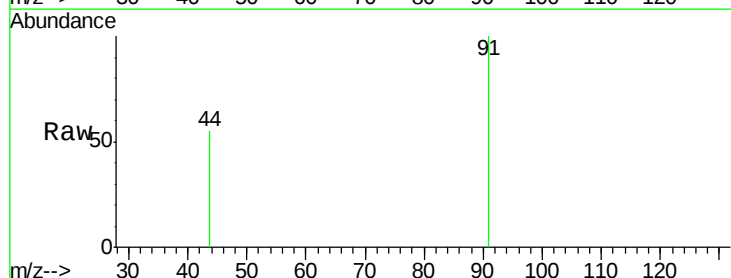
Acq: 13 May 2019 12:40

Tgt Ion: 91 Resp: 1177

Ion Ratio Lower Upper

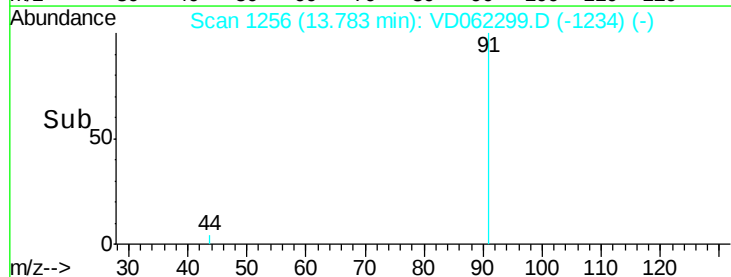
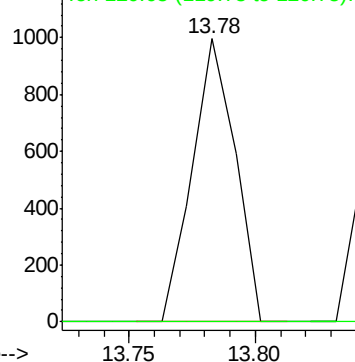
91 100

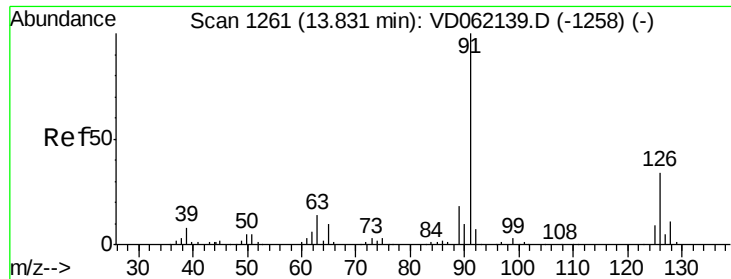
120 0.0 11.1 33.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 1.495 ug/l

RT: 13.84 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA\_D

ClientSampleId :

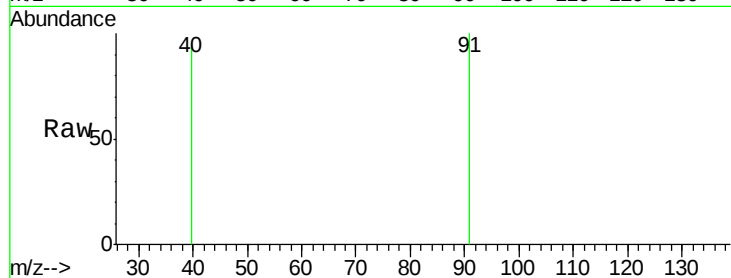
P026-SS007-0002-01

Tot Ion: 91 Resp: 551

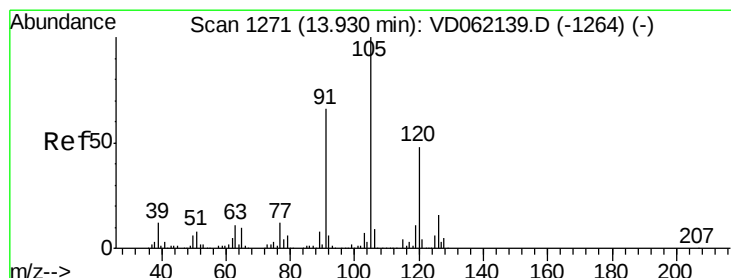
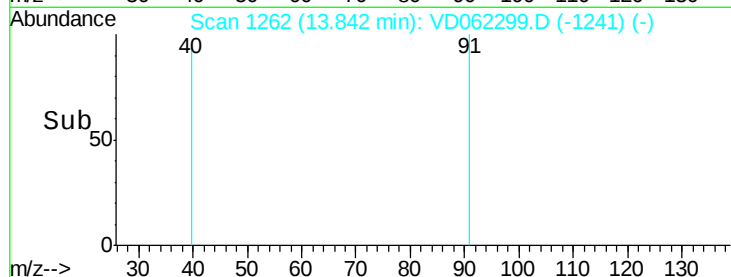
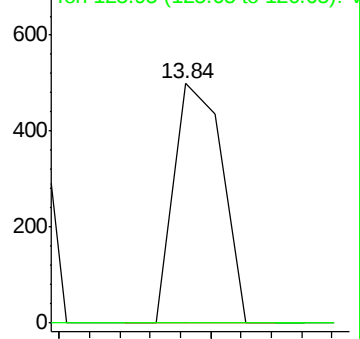
Ion Ratio Lower Upper

91 100

126 0.0 18.6 55.8#



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 2.181 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VD062299.D

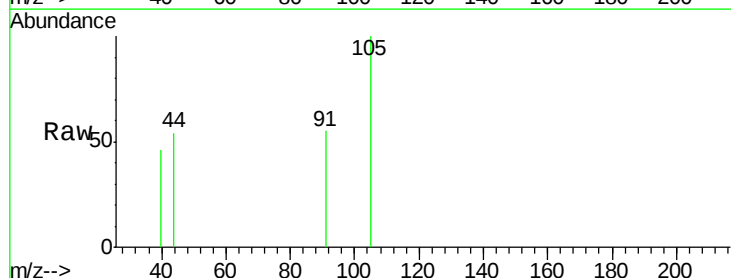
Acq: 13 May 2019 12:40

Tgt Ion: 105 Resp: 991

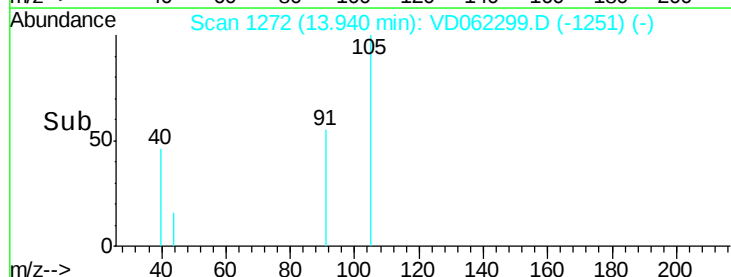
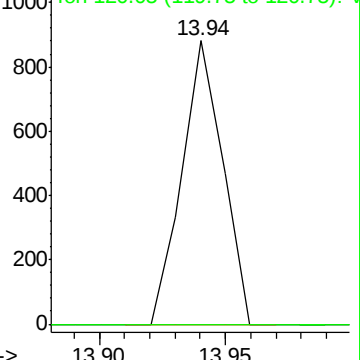
Ion Ratio Lower Upper

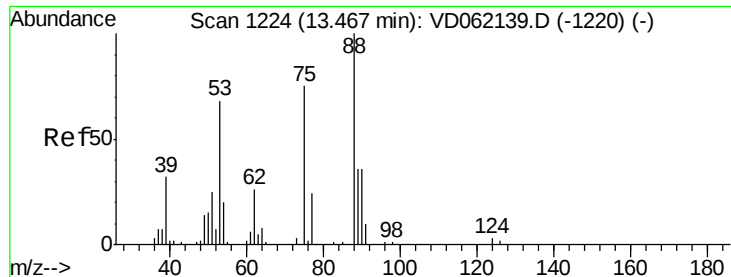
105 100

120 0.0 24.0 72.0#



Abundance Ion 105.05 (104.75 to 105.75): V

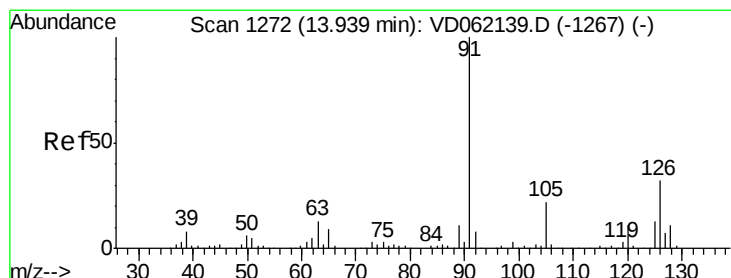
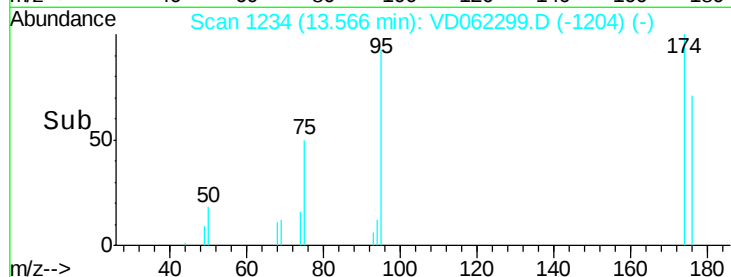
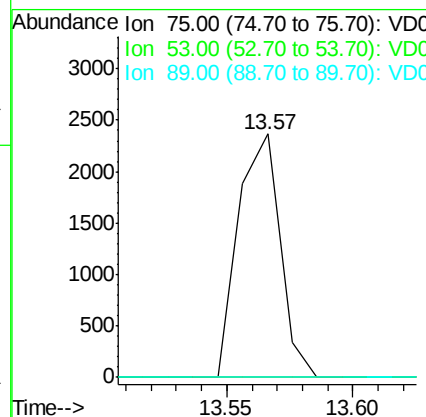
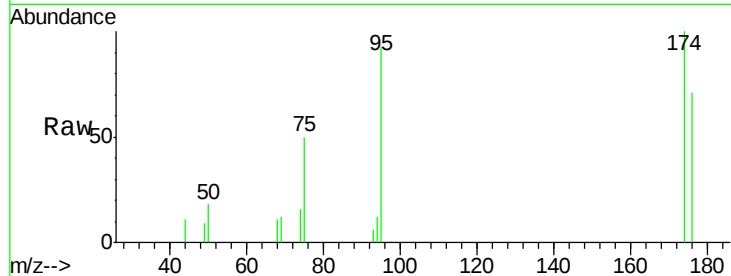




#81  
trans-1,4-Dichloro-2-butene  
Concen: 89.731 ug/l  
RT: 13.57 min Scan# 1234  
Delta R.T. 0.10 min  
Lab File: VD062299.D  
Acq: 13 May 2019 12:40

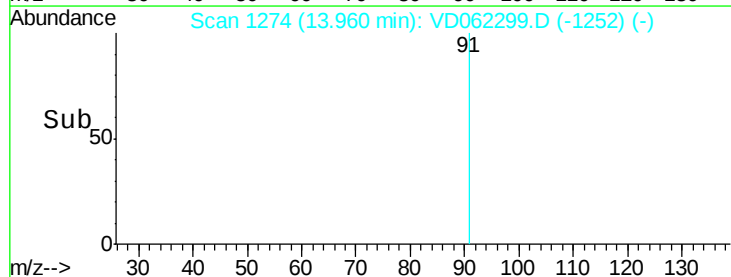
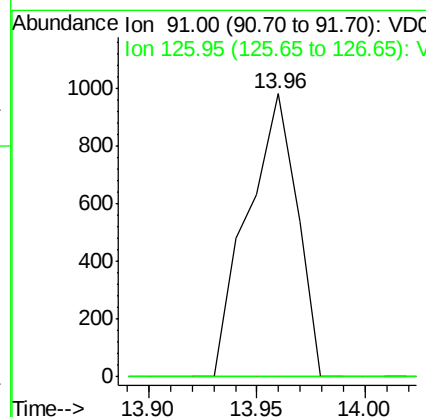
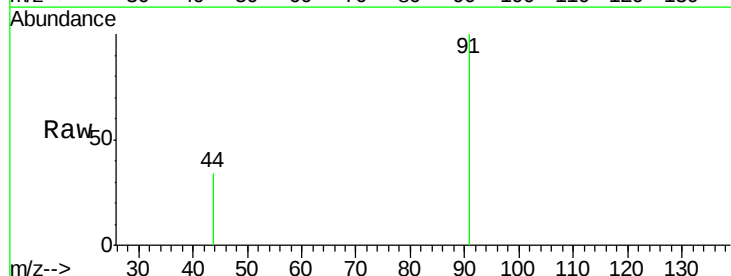
Instrument :  
MSVOA\_D  
ClientSampleId :  
P026-SS007-0002-01

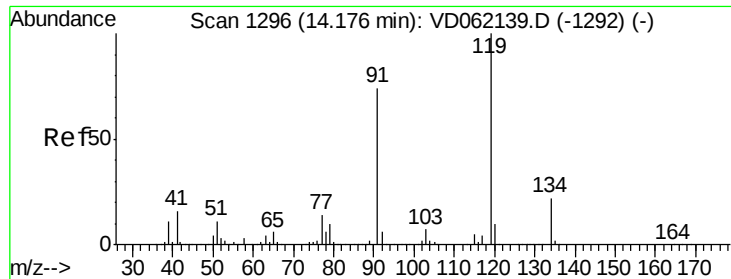
Tot Ion: 75 Resp: 2710  
Ion Ratio Lower Upper  
75 100  
53 0.0 65.8 98.8#  
89 0.0 35.0 52.6#



#82  
4-Chlorotoluene  
Concen: 3.582 ug/l  
RT: 13.96 min Scan# 1274  
Delta R.T. 0.02 min  
Lab File: VD062299.D  
Acq: 13 May 2019 12:40

Tgt Ion: 91 Resp: 1554  
Ion Ratio Lower Upper  
91 100  
126 0.0 19.1 57.5#

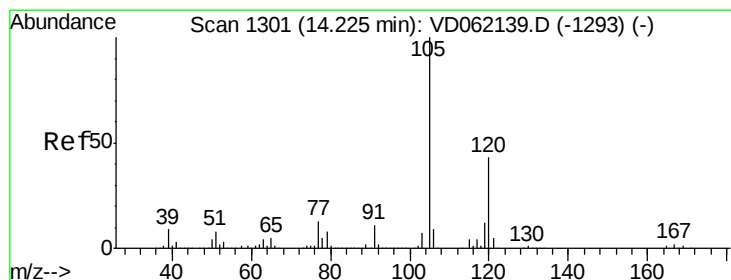
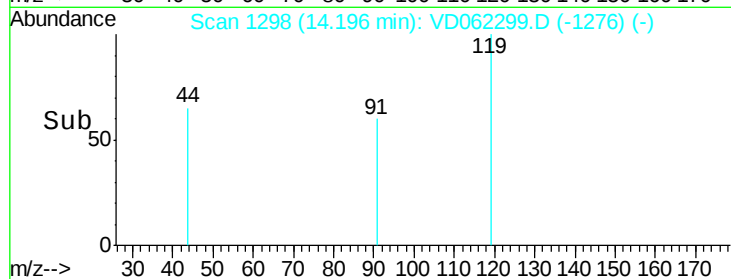
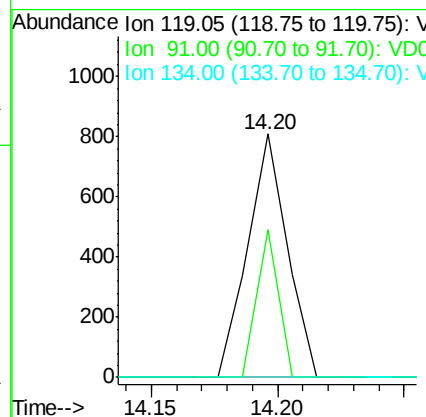
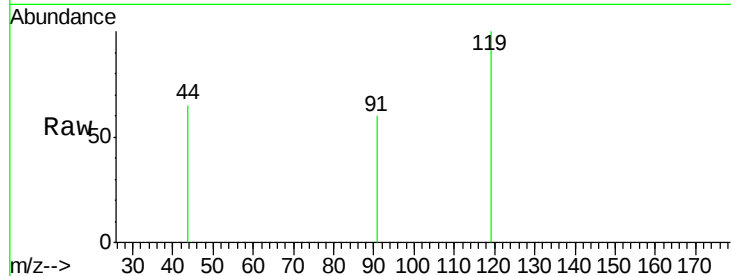




#83  
 tert-Butylbenzene  
 Concen: 1.721 ug/l  
 RT: 14.20 min Scan# 1298  
 Delta R.T. 0.02 min  
 Lab File: VD062299.D  
 Acq: 13 May 2019 12:40

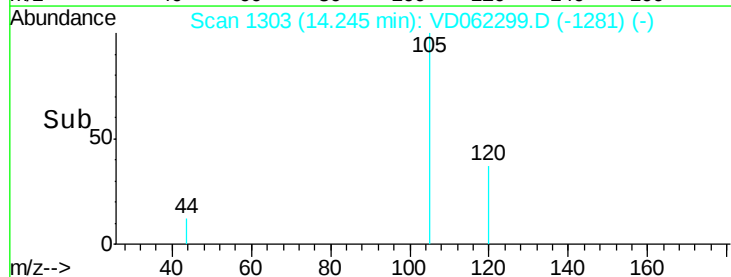
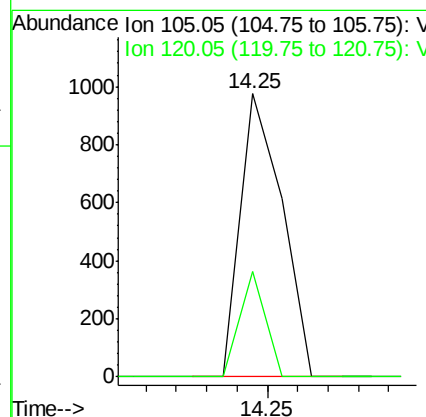
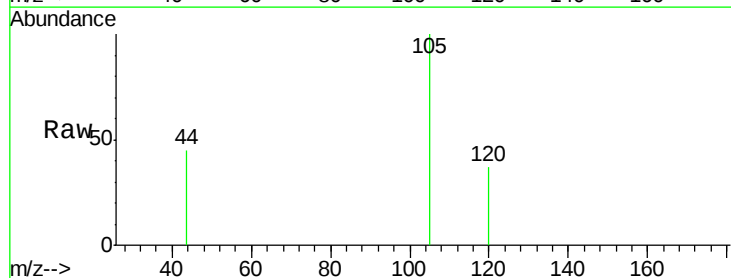
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 P026-SS007-0002-01

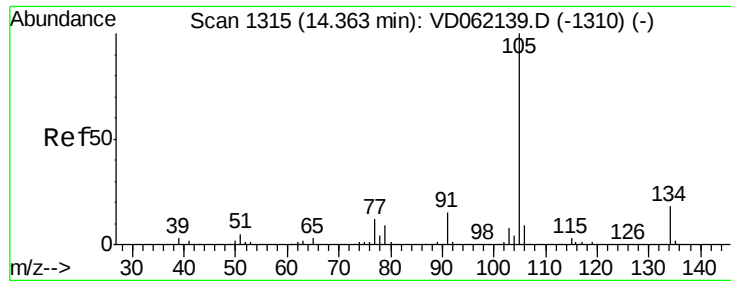
Tot Ion:119 Resp: 879  
 Ion Ratio Lower Upper  
 119 100  
 91 60.4 34.2 102.6  
 134 0.0 12.0 36.0#



#84  
 1,2,4-Trimethylbenzene  
 Concen: 2.057 ug/l  
 RT: 14.25 min Scan# 1303  
 Delta R.T. 0.02 min  
 Lab File: VD062299.D  
 Acq: 13 May 2019 12:40

Tgt Ion:105 Resp: 938  
 Ion Ratio Lower Upper  
 105 100  
 120 37.2 23.1 69.2

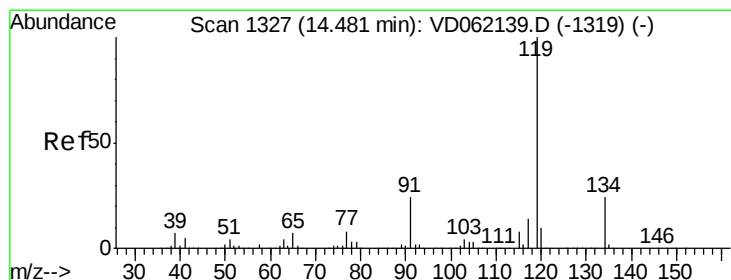
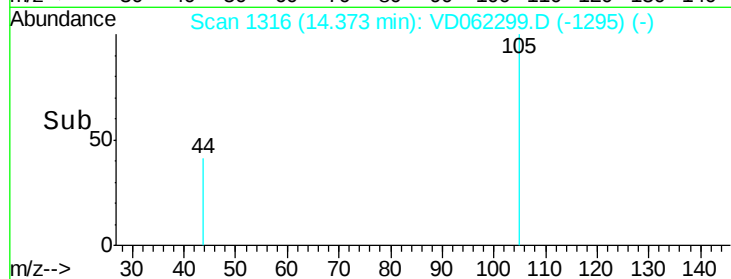
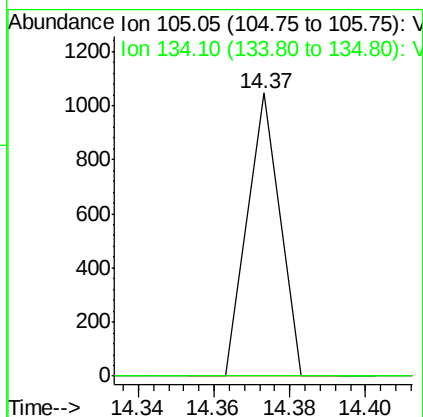
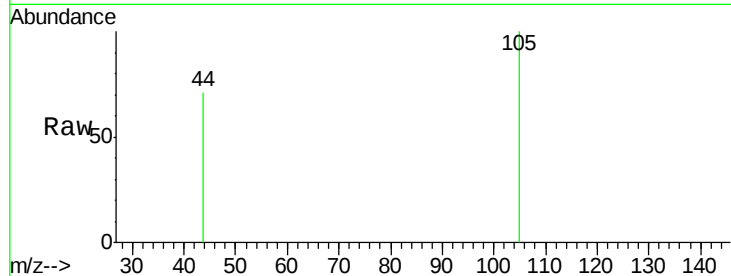




#85  
 sec-Butylbenzene  
 Concen: 1.104 ug/l  
 RT: 14.37 min Scan# 1316  
 Delta R.T. 0.01 min  
 Lab File: VD062299.D  
 Acq: 13 May 2019 12:40

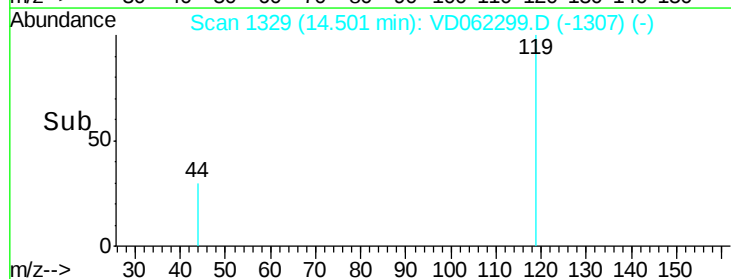
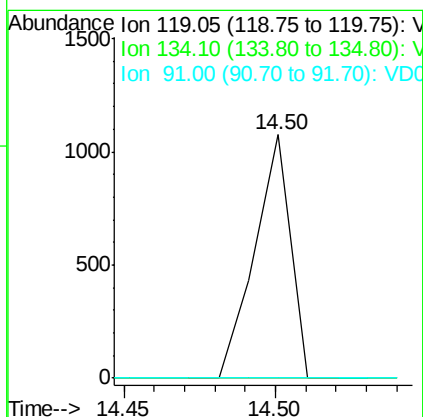
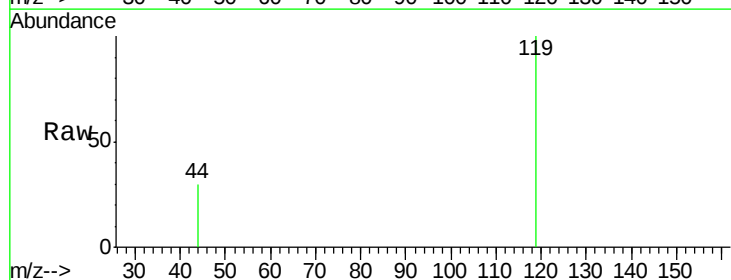
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 P026-SS007-0002-01

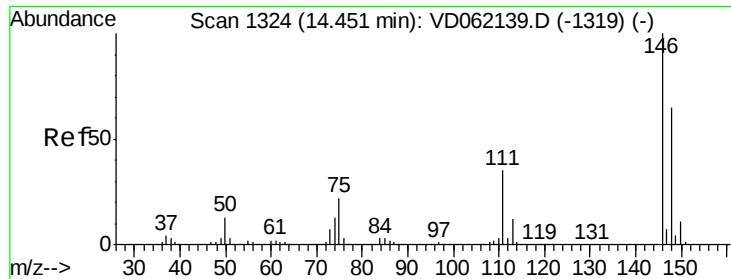
Tot Ion:105 Resp: 618  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 8.9 26.7#



#86  
 p-Isopropyltoluene  
 Concen: 1.777 ug/l  
 RT: 14.50 min Scan# 1329  
 Delta R.T. 0.02 min  
 Lab File: VD062299.D  
 Acq: 13 May 2019 12:40

Tgt Ion:119 Resp: 889  
 Ion Ratio Lower Upper  
 119 100  
 134 0.0 12.8 38.3#  
 91 0.0 10.7 32.1#

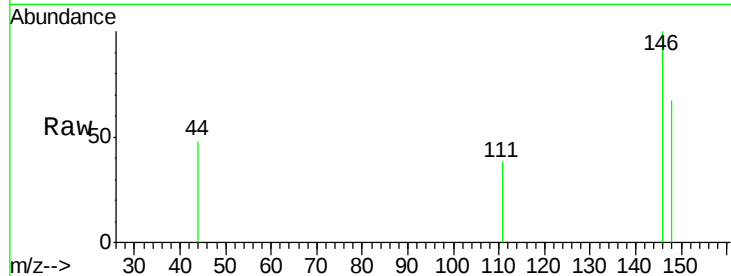




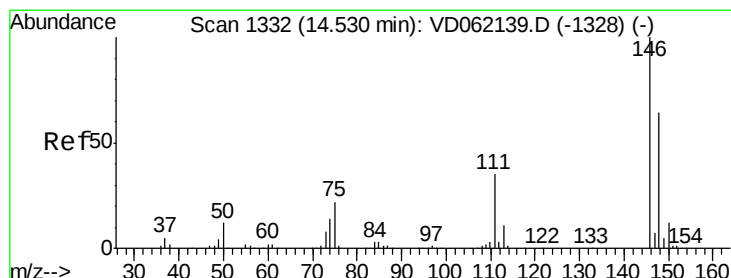
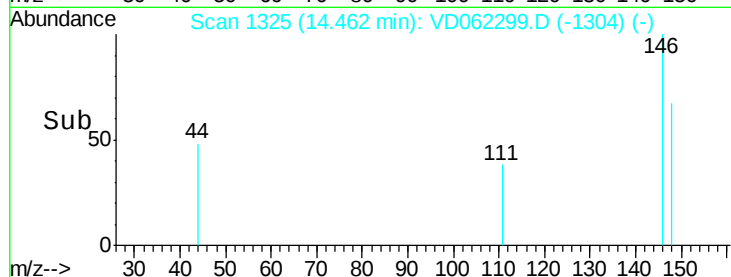
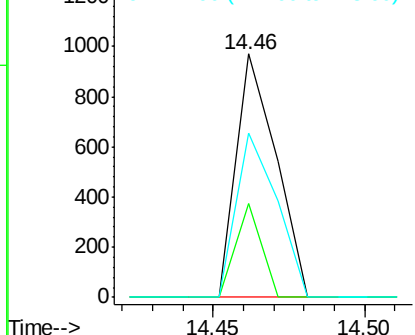
#87  
 1,3-Dichlorobenzene  
 Concen: 3.243 ug/l  
 RT: 14.46 min Scan# 1325  
 Delta R.T. 0.01 min  
 Lab File: VD062299.D  
 Acq: 13 May 2019 12:40

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 P026-SS007-0002-01

Tot Ion:146 Resp: 895  
 Ion Ratio Lower Upper  
 146 100  
 111 38.4 20.0 60.0  
 148 67.5 31.8 95.4

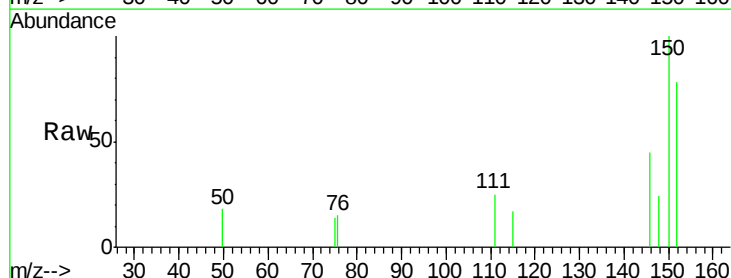


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

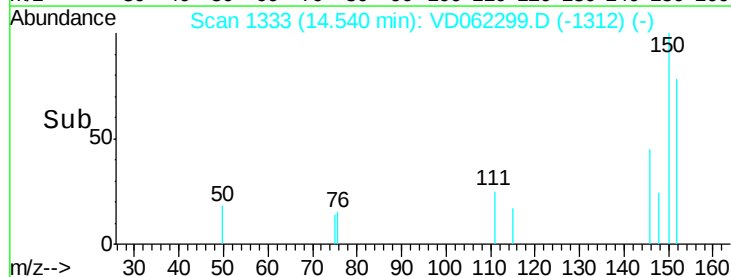
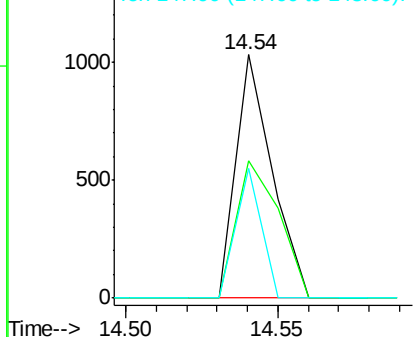


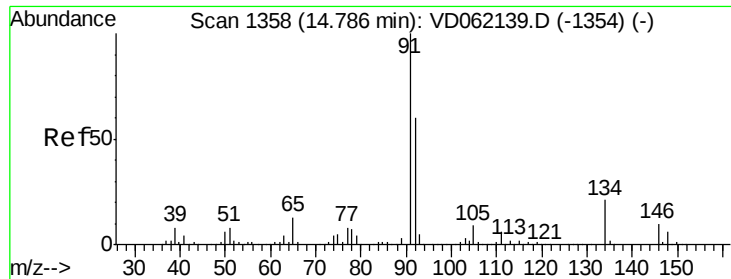
#88  
 1,4-Dichlorobenzene  
 Concen: 3.168 ug/l  
 RT: 14.54 min Scan# 1333  
 Delta R.T. 0.01 min  
 Lab File: VD062299.D  
 Acq: 13 May 2019 12:40

Tgt Ion:146 Resp: 859  
 Ion Ratio Lower Upper  
 146 100  
 111 56.6 20.2 60.5  
 148 53.4 32.0 96.2



Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

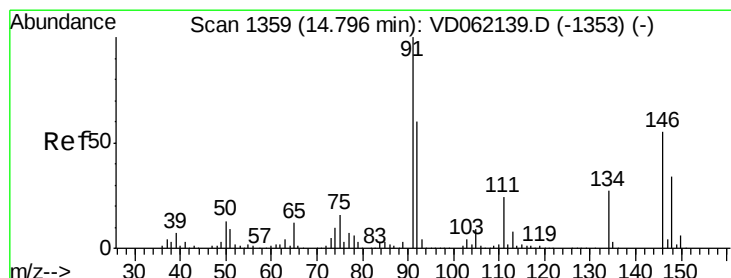
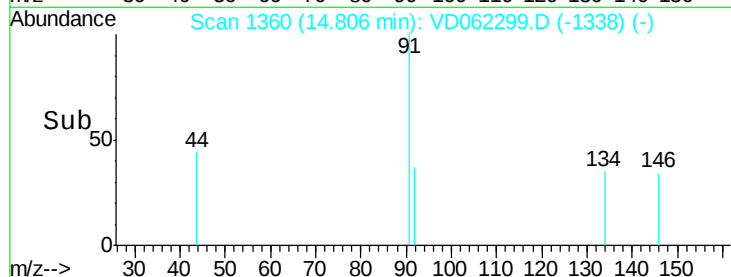
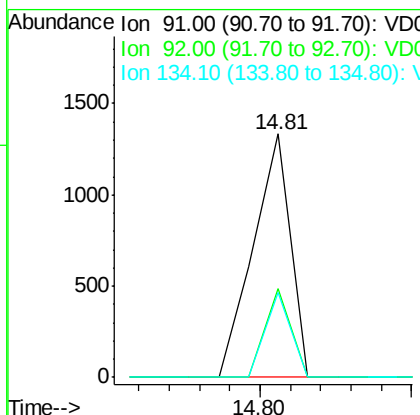
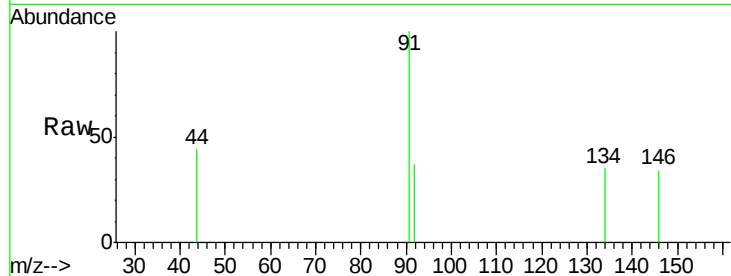




#89  
n-Butylbenzene  
Concen: 2.554 ug/l  
RT: 14.81 min Scan# 1360  
Delta R.T. 0.02 min  
Lab File: VD062299.D  
Acq: 13 May 2019 12:40

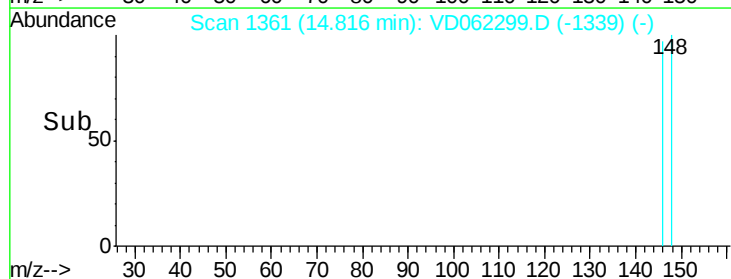
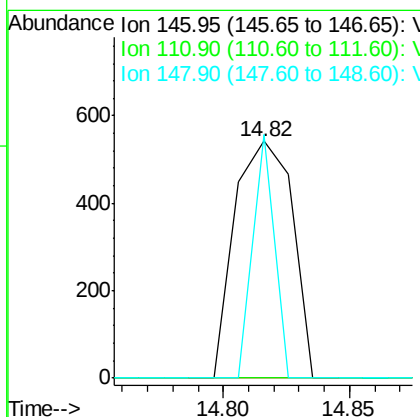
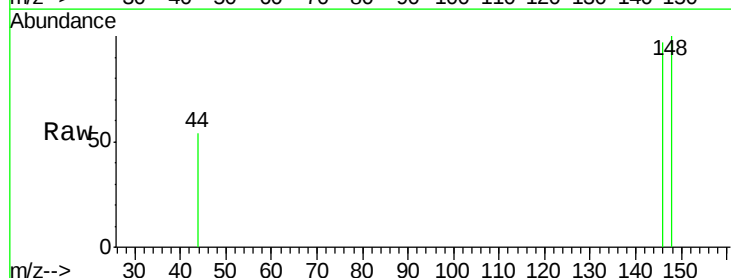
Instrument :  
MSVOA\_D  
ClientSampleId :  
P026-SS007-0002-01

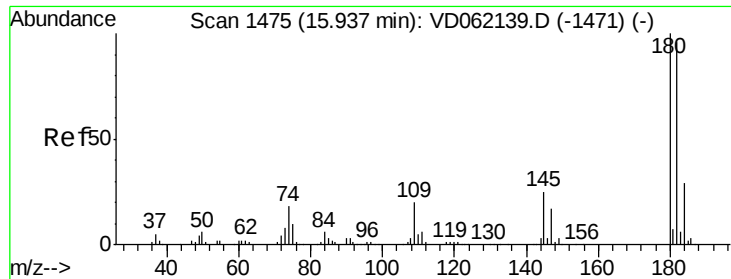
Tot Ion: 91 Resp: 1147  
Ion Ratio Lower Upper  
91 100  
92 36.6 30.3 91.0  
134 34.9 14.5 43.6



#91  
1,2-Dichlorobenzene  
Concen: 3.793 ug/l  
RT: 14.82 min Scan# 1361  
Delta R.T. 0.02 min  
Lab File: VD062299.D  
Acq: 13 May 2019 12:40

Tgt Ion: 146 Resp: 862  
Ion Ratio Lower Upper  
146 100  
111 0.0 20.0 59.9#  
148 102.8 32.3 96.8#

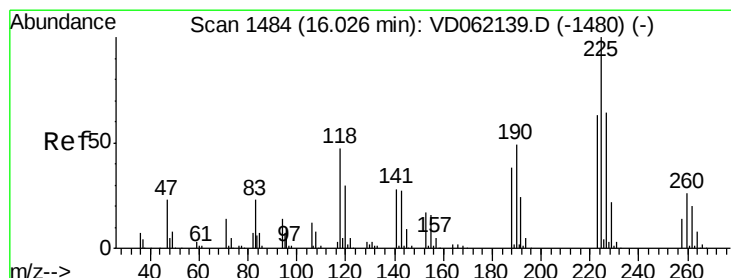
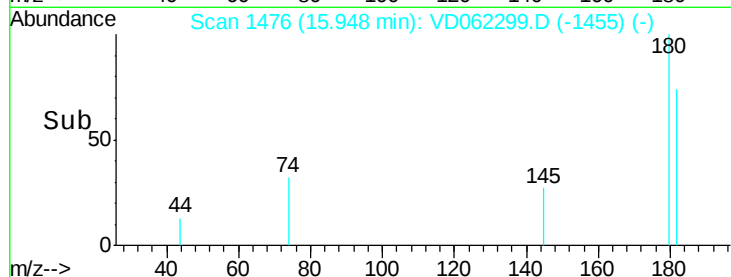
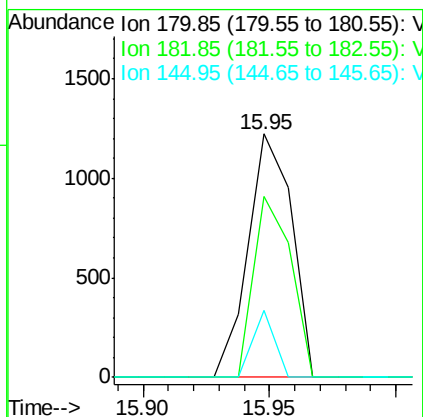
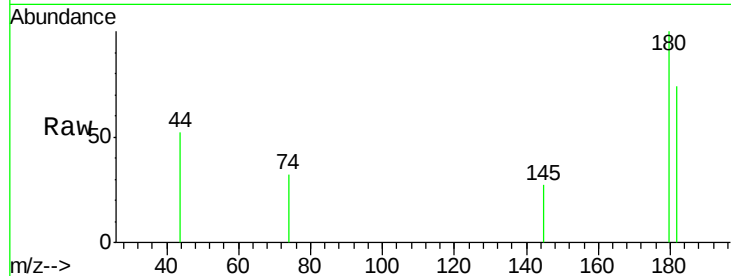




#93  
 1,2,4-Trichlorobenzene  
 Concen: 8.899 ug/l  
 RT: 15.95 min Scan# 1476  
 Delta R.T. 0.01 min  
 Lab File: VD062299.D  
 Acq: 13 May 2019 12:40

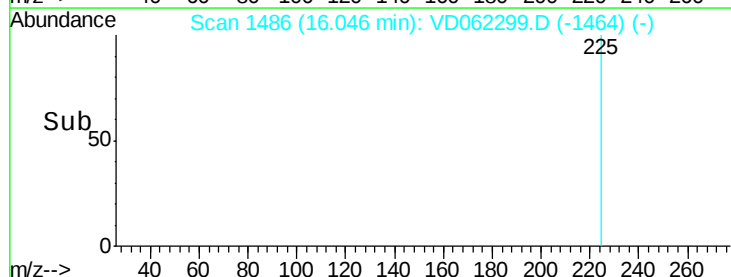
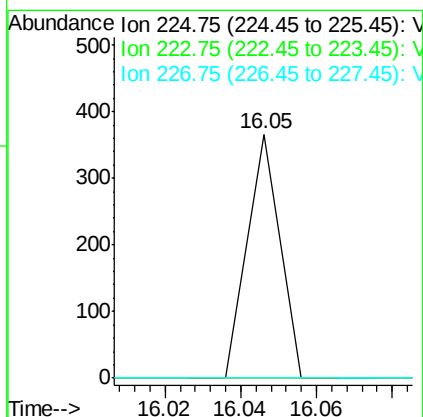
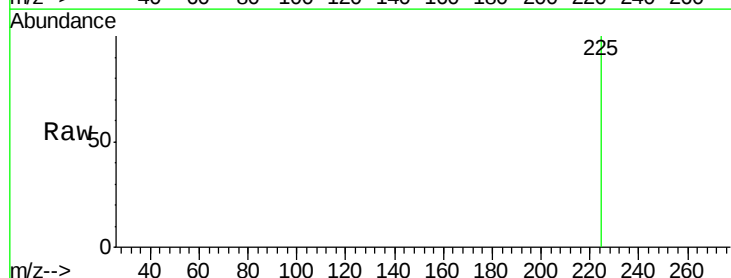
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 P026-SS007-0002-01

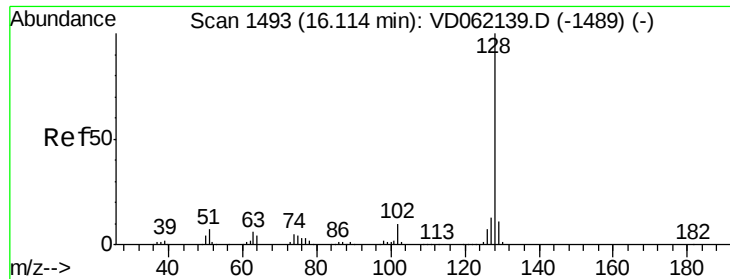
Tot Ion:180 Resp: 1472  
 Ion Ratio Lower Upper  
 180 100  
 182 74.4 49.3 147.8  
 145 27.5 16.2 48.6



#94  
 Hexachlorobutadiene  
 Concen: 1.756 ug/l  
 RT: 16.05 min Scan# 1486  
 Delta R.T. 0.02 min  
 Lab File: VD062299.D  
 Acq: 13 May 2019 12:40

Tgt Ion:225 Resp: 216  
 Ion Ratio Lower Upper  
 225 100  
 223 0.0 30.6 92.0#  
 227 0.0 32.0 96.2#





#95

Naphthalene

Concen: 7.543 ug/l

RT: 16.13 min Scan# 1495

Delta R.T. 0.02 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

Instrument :

MSVOA\_D

ClientSampleId :

P026-SS007-0002-01

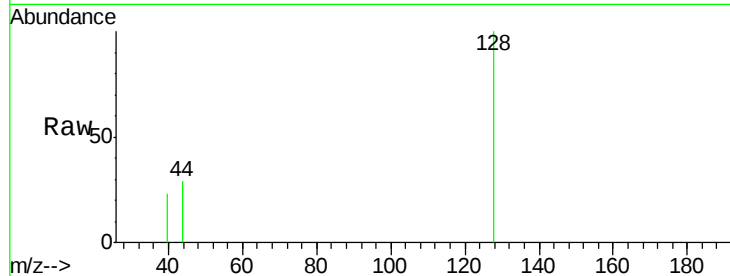
Tot Ion:128 Resp: 1742

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

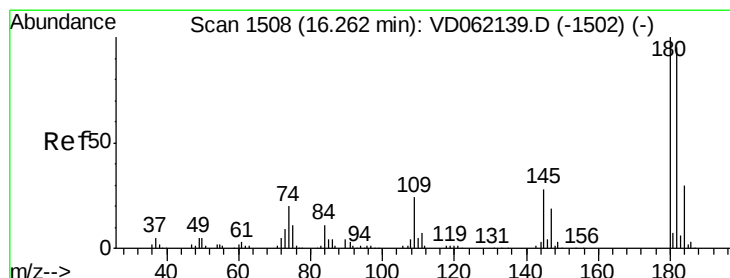
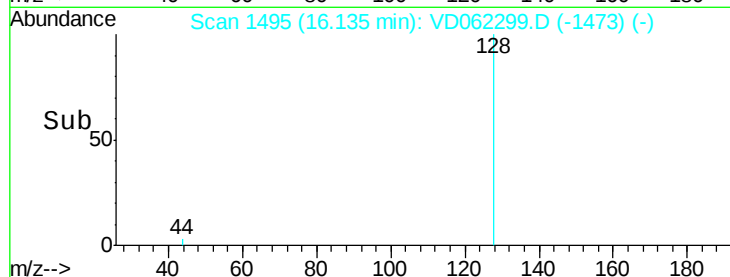
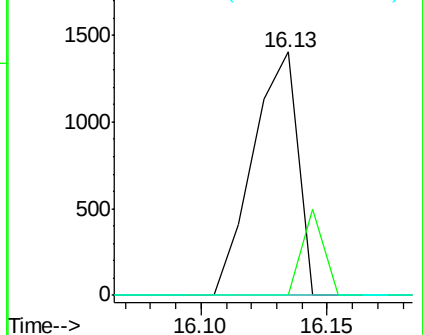
129 0.0 8.8 13.2#



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: 9.365 ug/l

RT: 16.27 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VD062299.D

Acq: 13 May 2019 12:40

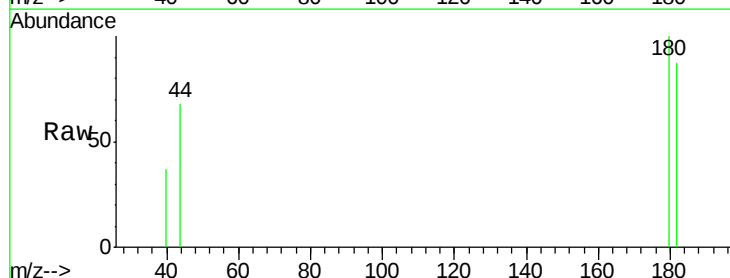
Tgt Ion:180 Resp: 974

Ion Ratio Lower Upper

180 100

182 87.2 47.0 141.0

145 0.0 17.0 51.0#



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

