

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020519\  
 Data File : VX007374.D  
 Acq On : 05 Feb 2019 14:05  
 Operator : JC/SP  
 Sample : PB116824TB  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

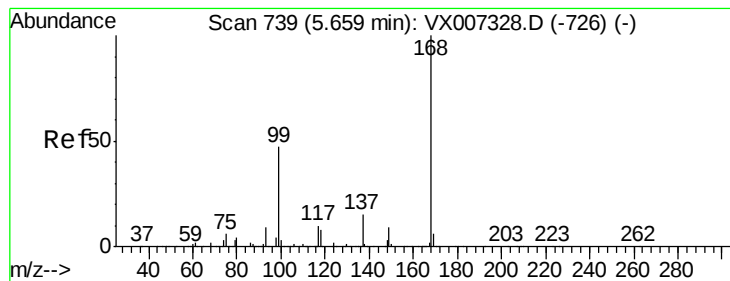
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB116824TB

Quant Time: Feb 06 00:17:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 02 01:32:36 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 5.66  | 168  | 488567   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 6.86  | 114  | 755769   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 10.12 | 117  | 708477   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 12.08 | 152  | 346719   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |       |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 6.07  | 65   | 263143   | 50.74     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 101.48% |          |
| 35) Dibromofluoromethane       | 5.50  | 113  | 235141   | 47.82     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 95.64%  |          |
| 50) Toluene-d8                 | 8.71  | 98   | 922773   | 50.58     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 101.16% |          |
| 62) 4-Bromofluorobenzene       | 11.14 | 95   | 314549   | 47.22     | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =         | 94.44%  |          |
| Target Compounds               |       |      |          |           |         |          |
|                                |       |      |          |           | Qvalue  |          |
| 2) Dichlorodifluoromethane     | 1.20  | 85   | 608      | 0.278     | ug/l    | 91       |
| 3) Chloromethane               | 1.32  | 50   | 1132     | 0.206     | ug/l    | 98       |
| 5) Bromomethane                | 1.64  | 94   | 2528     | Below Cal |         | 98       |
| 6) Chloroethane                | 1.70  | 64   | 1161     | 0.332     | ug/l #  | 72       |
| 10) Methyl Iodide              | 2.51  | 142  | 1681     | 0.227     | ug/l #  | 52       |
| 11) Tert butyl alcohol         | 3.07  | 59   | 234      | 0.218     | ug/l #  | 1        |
| 13) Acrolein                   | 2.29  | 56   | 296      | 0.588     | ug/l #  | 1        |
| 15) Acrylonitrile              | 3.15  | 53   | 849      | 0.320     | ug/l #  | 79       |
| 16) Acetone                    | 2.45  | 43   | 29058    | 12.233    | ug/l    | 93       |
| 17) Carbon Disulfide           | 2.57  | 76   | 3080     | 2.363     | ug/l    | 98       |
| 18) Methyl Acetate             | 2.78  | 43   | 7007     | 1.712     | ug/l    | 96       |
| 20) Methylene Chloride         | 2.85  | 84   | 23368    | 4.458     | ug/l #  | 87       |
| 25) 2-Butanone                 | 4.71  | 43   | 5730     | 1.695     | ug/l    | 94       |
| 29) Tetrahydrofuran            | 5.17  | 42   | 2208     | 1.039     | ug/l #  | 72       |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 32102    | 4.734     | ug/l #  | 40       |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 43543    | 6.619     | ug/l #  | 17       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 25452    | 2.406     | ug/l    | 96       |
| 48) Methyl methacrylate        | 7.69  | 41   | 12935    | 2.444     | ug/l #  | 13       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 97       | 7.679     | ug/l #  | 1        |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 136925   | 19.658    | ug/l #  | 47       |
| 54) cis-1,3-Dichloropropene    | 8.62  | 75   | 66938    | 9.192     | ug/l #  | 66       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 788      | 0.201     | ug/l    | 94       |
| 59) 2-Hexanone                 | 9.54  | 43   | 204277   | 37.689    | ug/l #  | 52       |
| 74) N-amyl acetate             | 10.69 | 43   | 22113    | 2.426     | ug/l #  | 56       |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 150131   | 22.261    | ug/l #  | 32       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 12452    | 0.646     | ug/l    | 90       |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 150131   | 67.216    | ug/l #  | 9        |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 1668     | 0.209     | ug/l #  | 86       |
| 95) Naphthalene                | 13.83 | 128  | 6003     | 0.257     | ug/l #  | 91       |
| 96) 1,2,3-Trichlorobenzene     | 14.02 | 180  | 1768     | 0.220     | ug/l    | 93       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

Instrument :

MSVOA\_X

ClientSampleId :

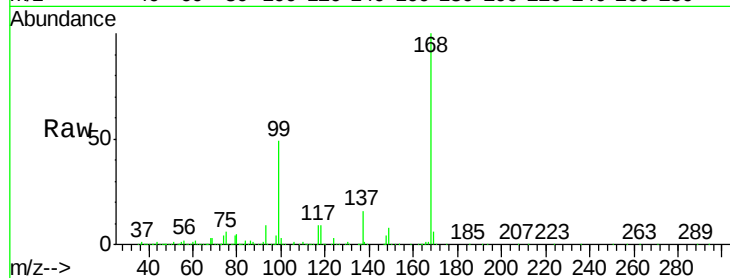
PB116824TB

Tot Ion:168 Resp: 488567

Ion Ratio Lower Upper

168 100

99 49.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

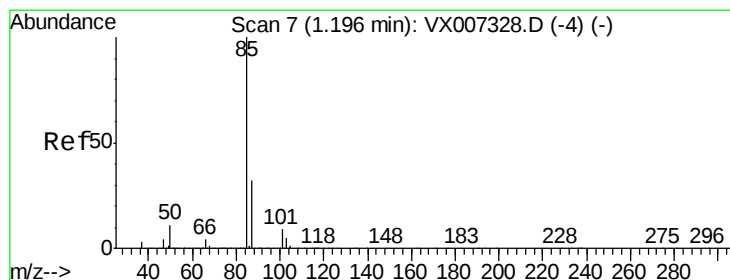
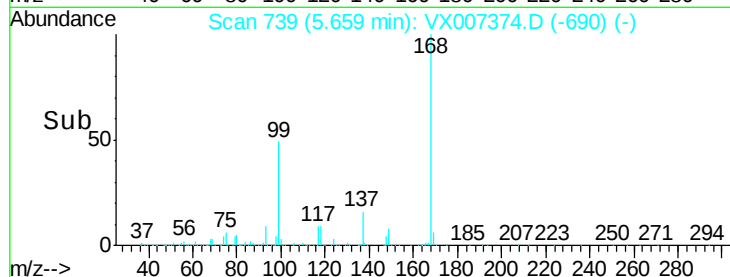
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.278 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007374.D

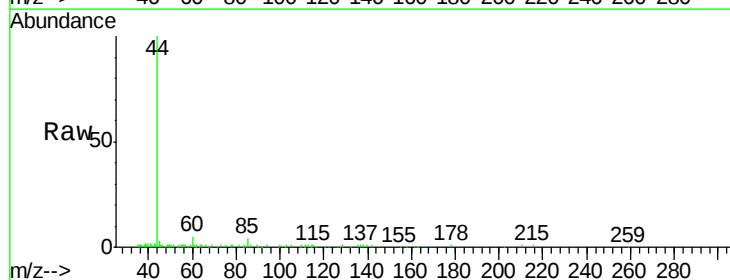
Acq: 05 Feb 2019 14:05

Tgt Ion: 85 Resp: 608

Ion Ratio Lower Upper

85 100

87 26.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

600

500

400

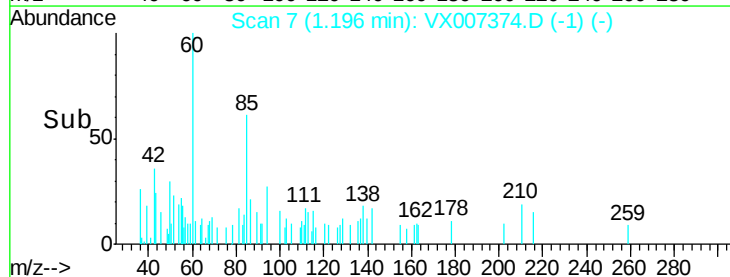
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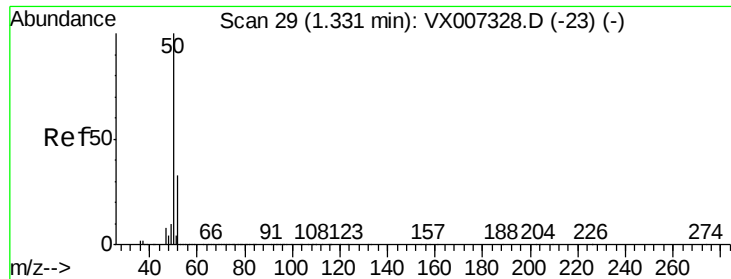
200

100

0

Time--> 1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: 0.206 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

Instrument :

MSVOA\_X

ClientSampled :

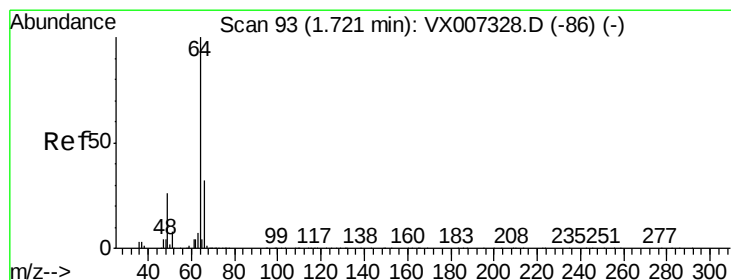
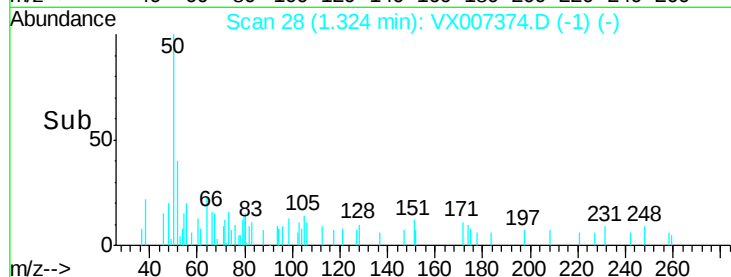
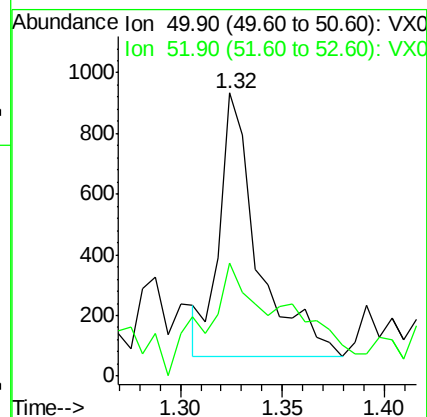
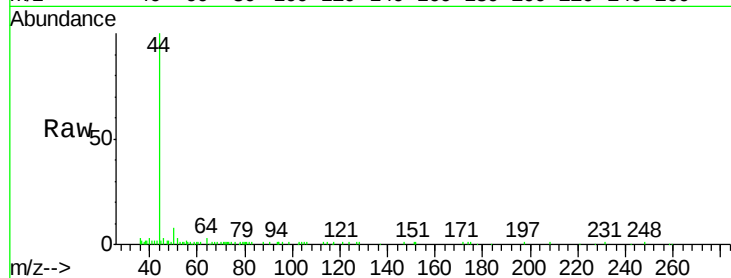
PB116824TB

Tot Ion: 50 Resp: 1132

Ion Ratio Lower Upper

50 100

52 31.4 26.1 39.1



#6

Chloroethane

Concen: 0.332 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX007374.D

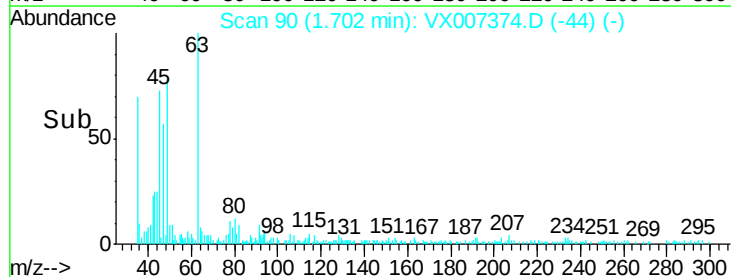
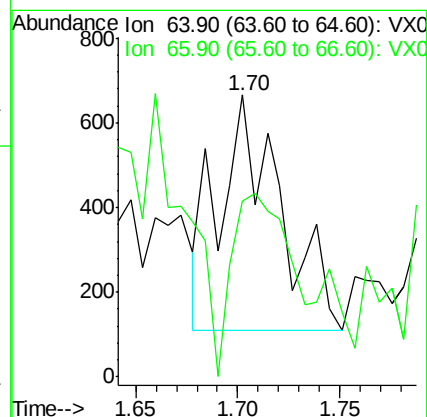
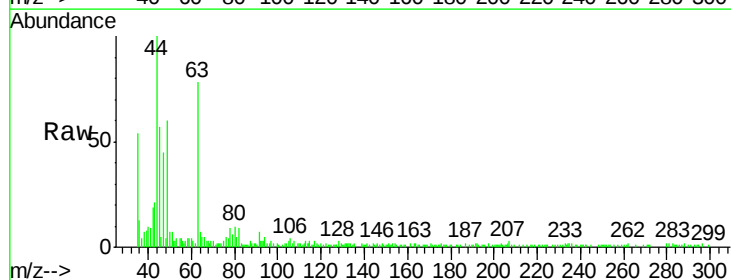
Acq: 05 Feb 2019 14:05

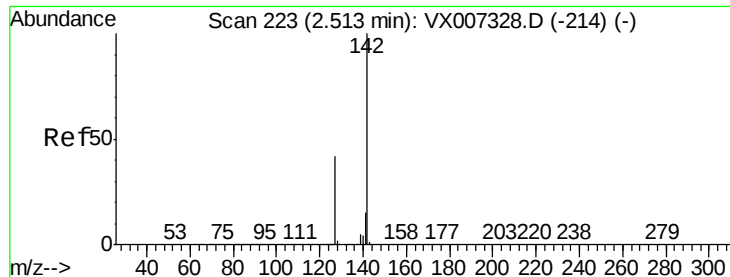
Tgt Ion: 64 Resp: 1161

Ion Ratio Lower Upper

64 100

66 47.5 25.5 38.3#

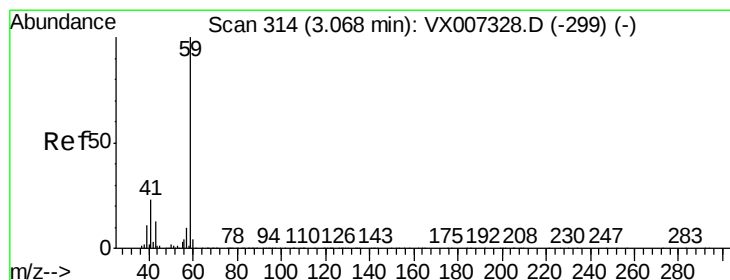
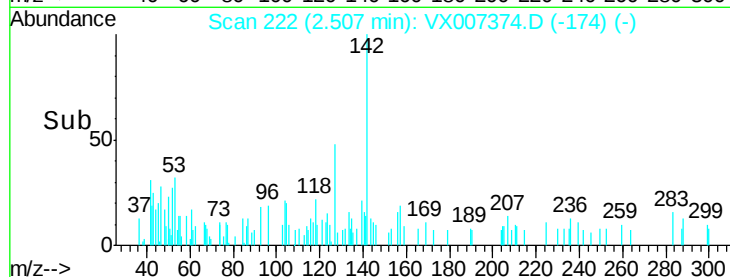
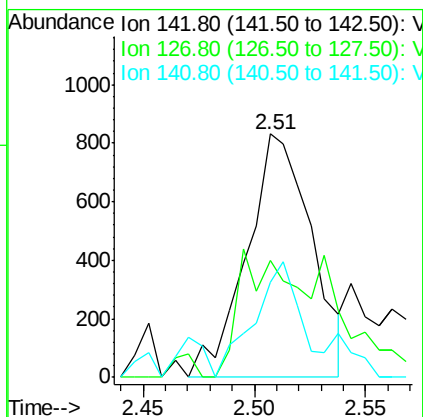
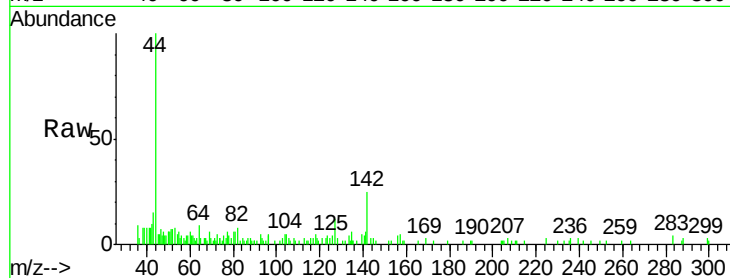




#10  
Methvl Iodide  
Concen: 0.227 ug/l  
RT: 2.51 min Scan# 222  
Delta R.T. -0.01 min  
Lab File: VX007374.D  
Acq: 05 Feb 2019 14:05

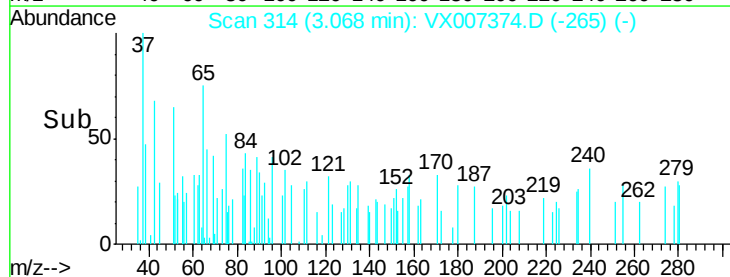
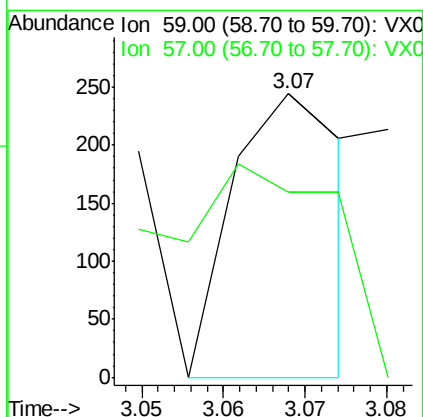
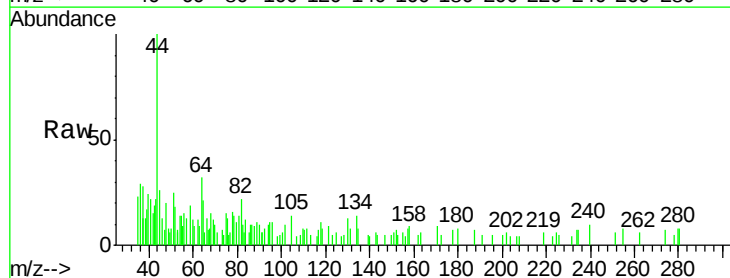
Instrument :  
MSVOA\_X  
ClientSampled :  
PB116824TB

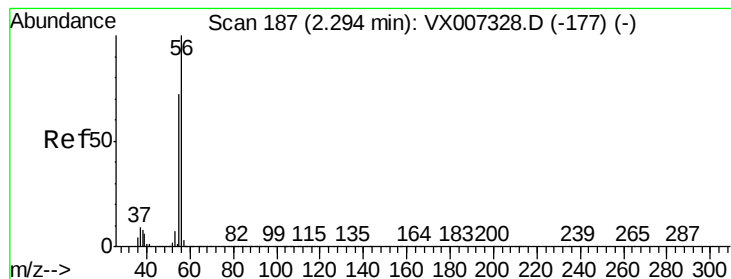
Tot Ion:142 Resp: 1681  
Ion Ratio Lower Upper  
142 100  
127 71.9 33.7 50.5#  
141 34.7 11.3 16.9#



#11  
Tert butyl alcohol  
Concen: 0.218 ug/l  
RT: 3.07 min Scan# 314  
Delta R.T. -0.00 min  
Lab File: VX007374.D  
Acq: 05 Feb 2019 14:05

Tgt Ion: 59 Resp: 234  
Ion Ratio Lower Upper  
59 100  
57 78.6 8.1 12.1#





#13

Acrolein

Concen: 0.588 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

Instrument :

MSVOA\_X

ClientSampled :

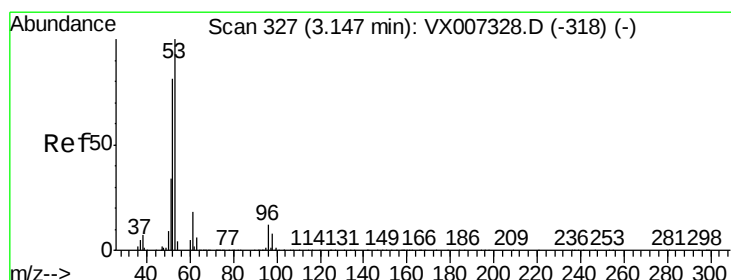
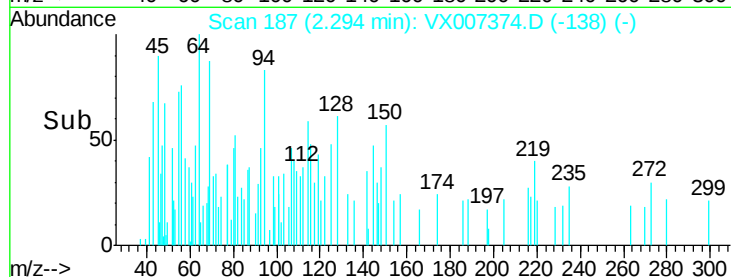
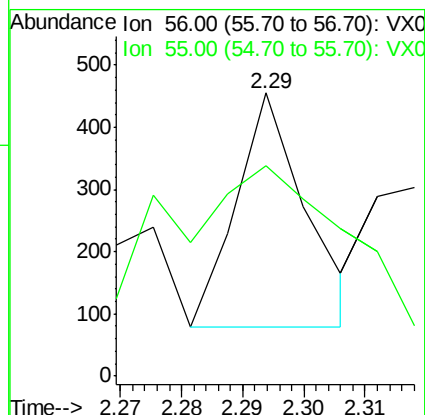
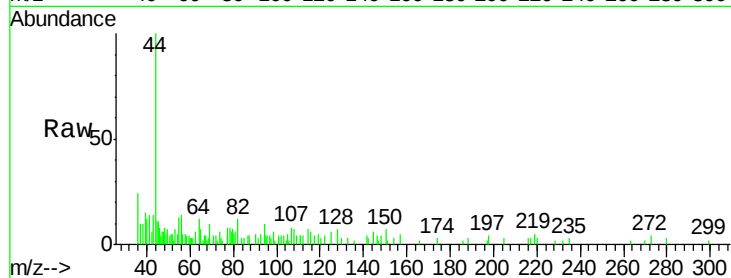
PB116824TB

Tot Ion: 56 Resp: 296

Ion Ratio Lower Upper

56 100

55 160.8 56.9 85.3#



#15

Acrylonitrile

Concen: 0.320 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

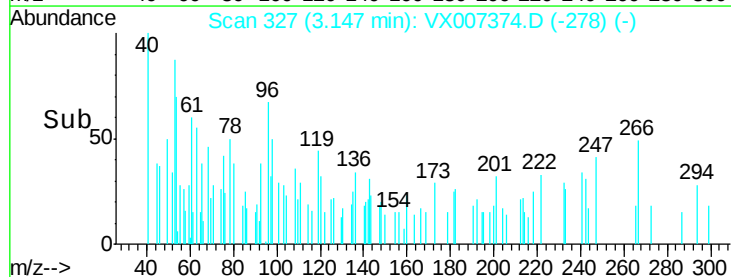
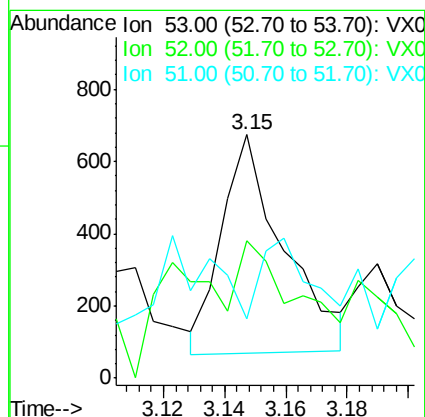
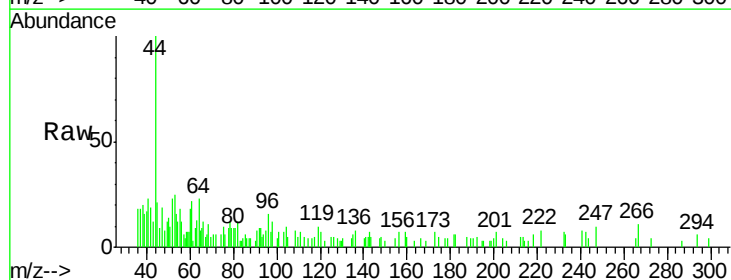
Tgt Ion: 53 Resp: 849

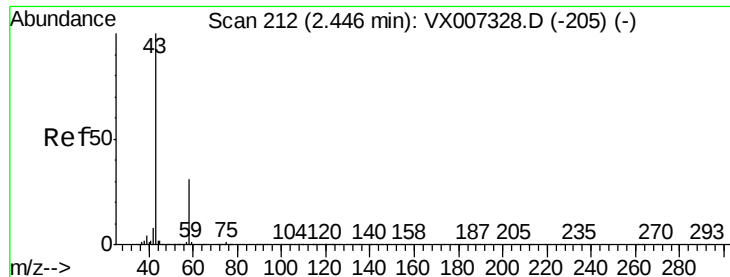
Ion Ratio Lower Upper

53 100

52 58.9 66.4 99.6#

51 30.4 28.4 42.6





#16

Acetone

Concen: 12.233 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

Instrument :

MSVOA\_X

ClientSampleId :

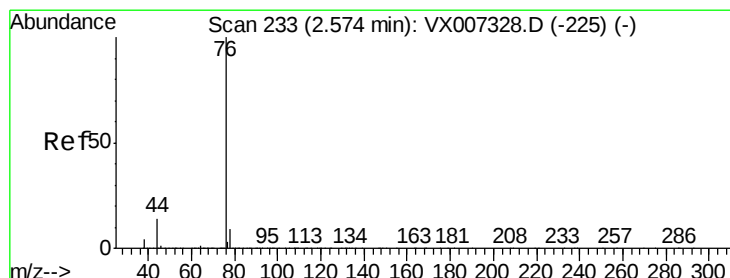
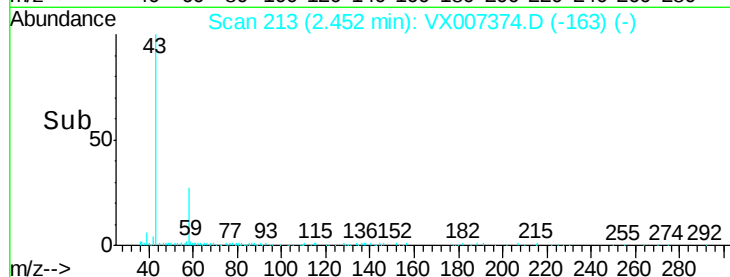
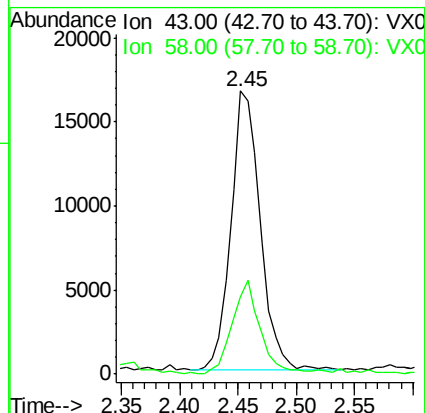
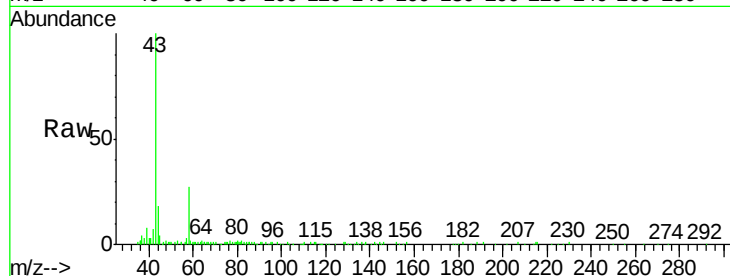
PB116824TB

Tot Ion: 43 Resp: 29058

Ion Ratio Lower Upper

43 100

58 27.3 24.9 37.3



#17

Carbon Disulfide

Concen: 2.363 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007374.D

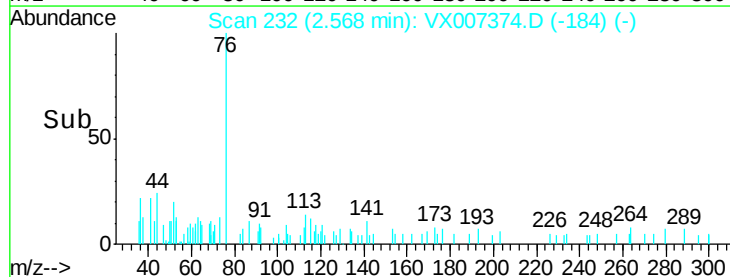
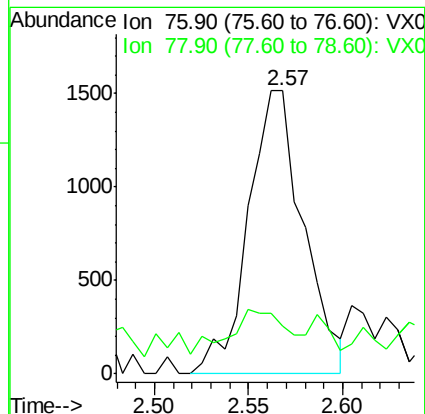
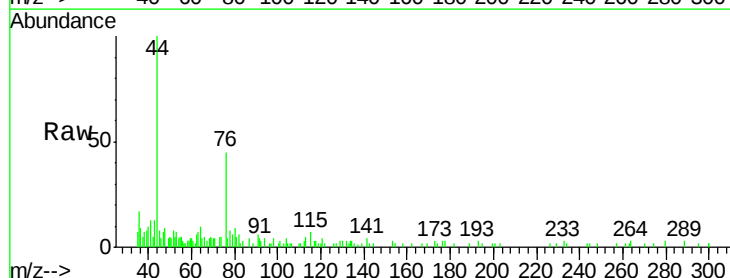
Acq: 05 Feb 2019 14:05

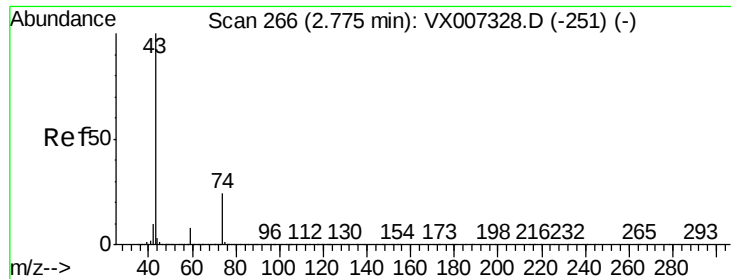
Tgt Ion: 76 Resp: 3080

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7

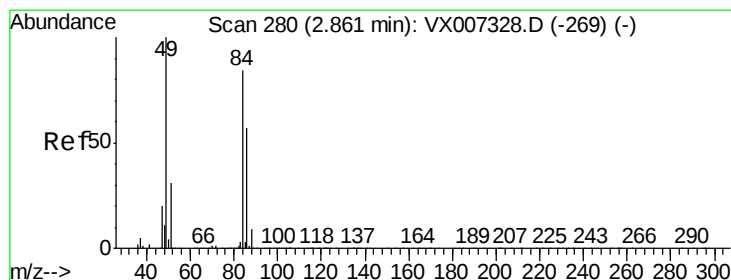
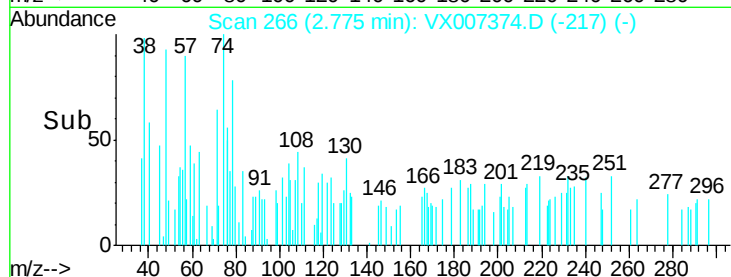
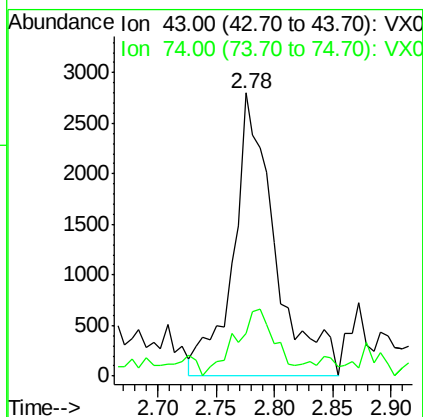
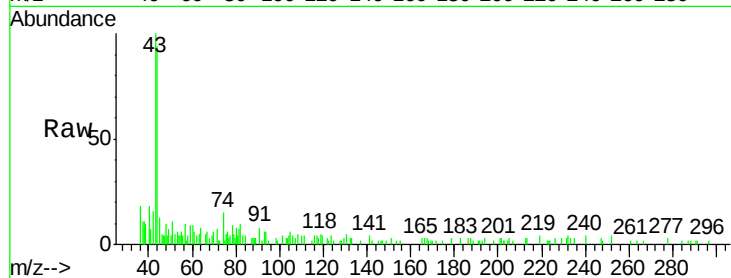




#18  
Methyl Acetate  
Concen: 1.712 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX007374.D  
Acq: 05 Feb 2019 14:05

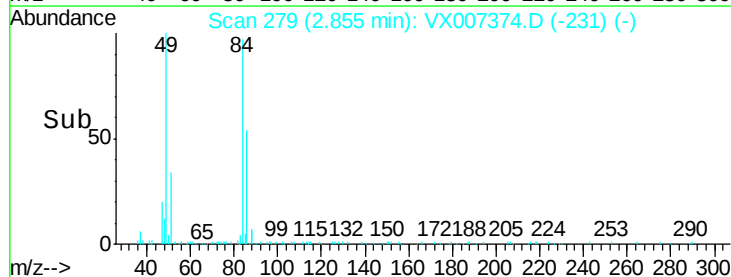
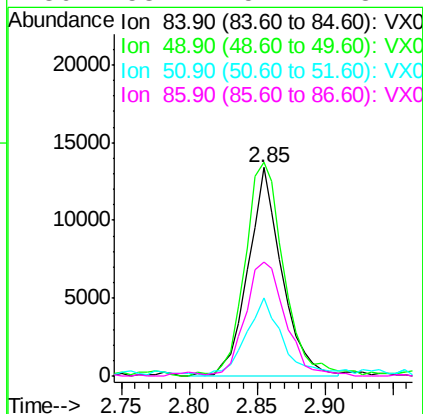
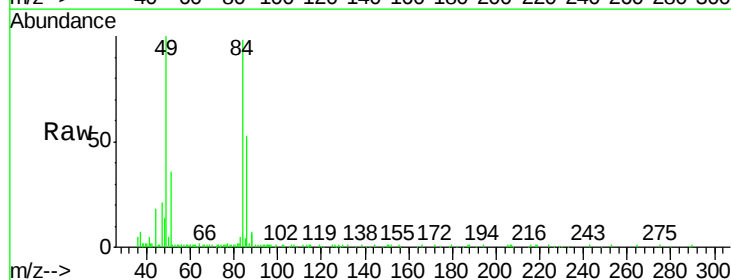
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB116824TB

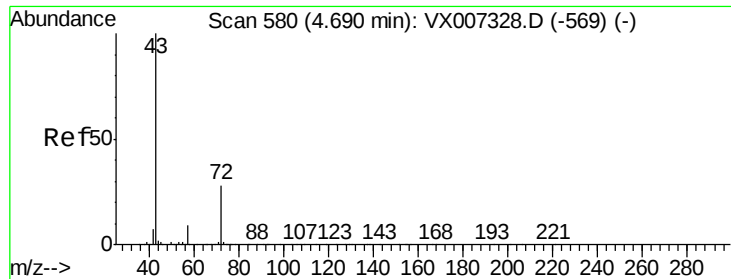
Tot Ion: 43 Resp: 7007  
Ion Ratio Lower Upper  
43 100  
74 22.1 19.4 29.2



#20  
Methylene Chloride  
Concen: 4.458 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.01 min  
Lab File: VX007374.D  
Acq: 05 Feb 2019 14:05

Tgt Ion: 84 Resp: 23368  
Ion Ratio Lower Upper  
84 100  
49 102.5 94.8 142.2  
51 36.0 29.8 44.8  
86 53.4 54.1 81.1#





#25

2-Butanone

Concen: 1.695 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.02 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

Instrument :

MSVOA\_X

ClientSampleId :

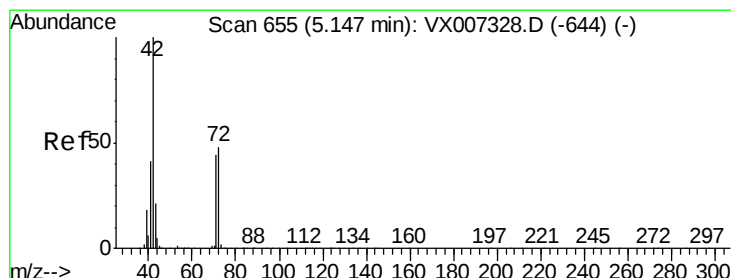
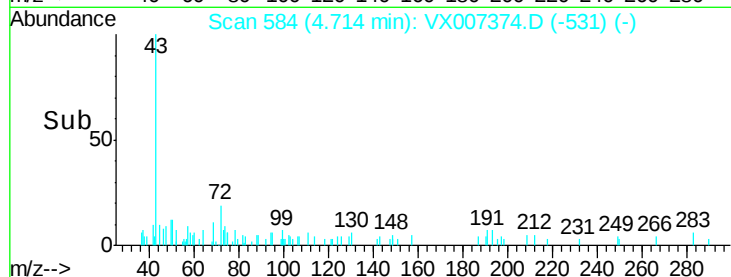
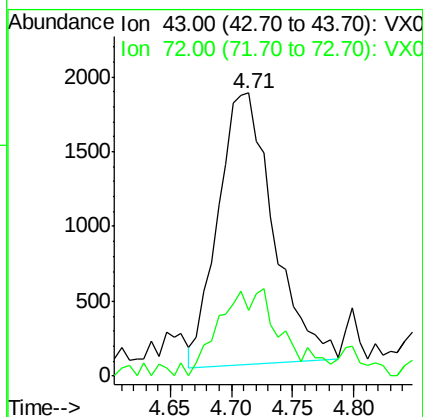
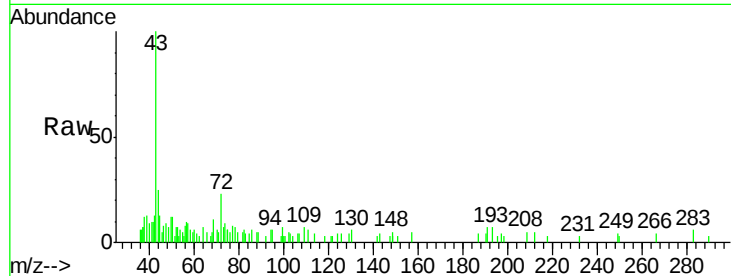
PB116824TB

Tot Ion: 43 Resp: 5730

Ion Ratio Lower Upper

43 100

72 24.8 22.2 33.2



#29

Tetrahydrofuran

Concen: 1.039 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.02 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

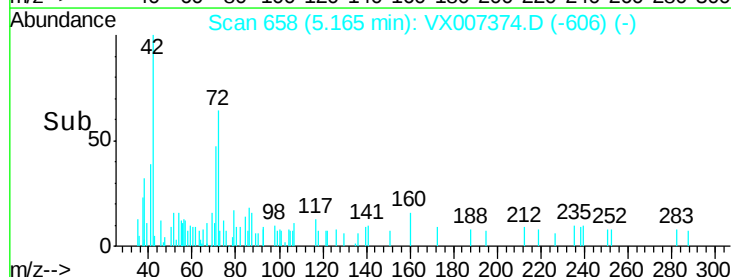
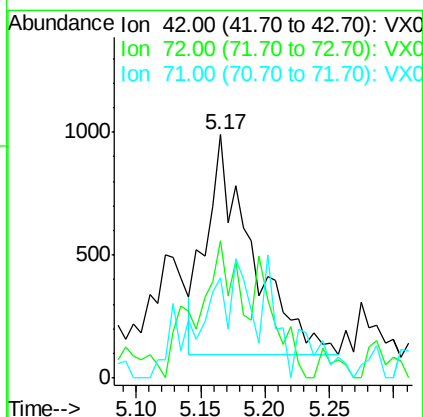
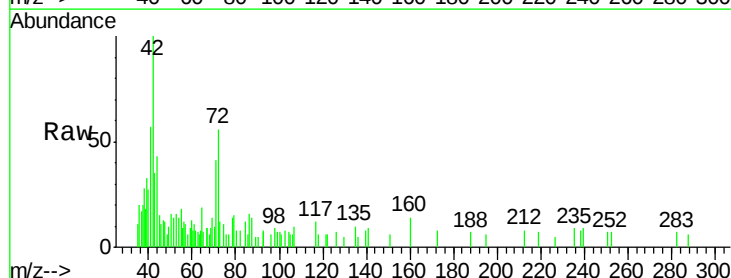
Tgt Ion: 42 Resp: 2208

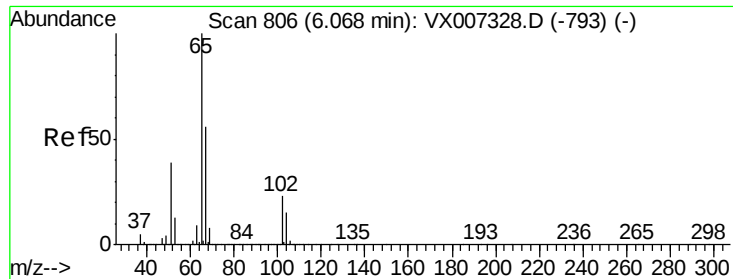
Ion Ratio Lower Upper

42 100

72 58.4 37.6 56.4#

71 17.6 34.6 51.8#

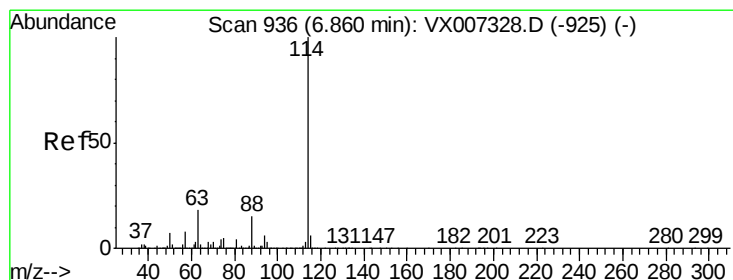
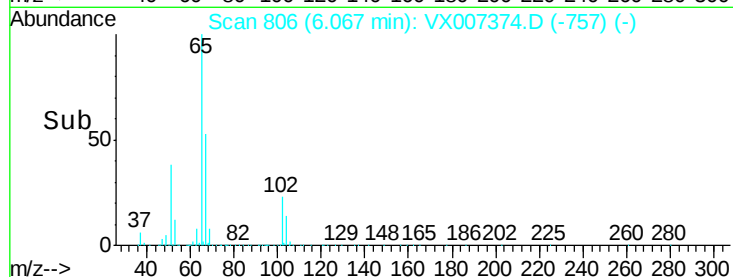
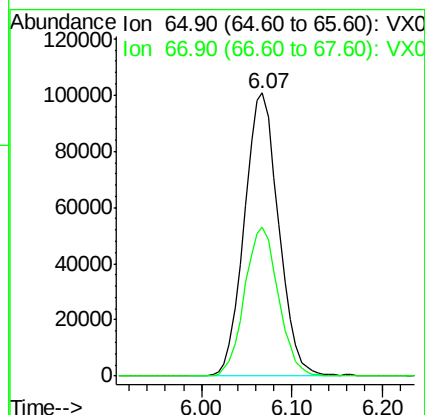
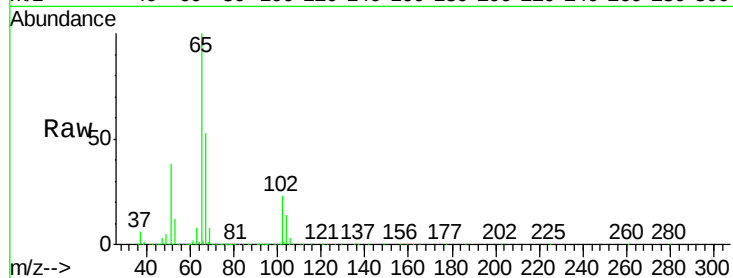




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.744 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX007374.D  
 Acq: 05 Feb 2019 14:05

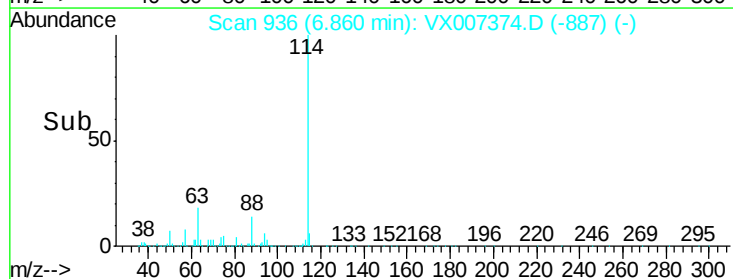
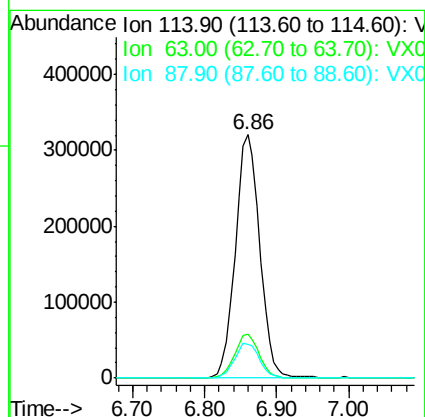
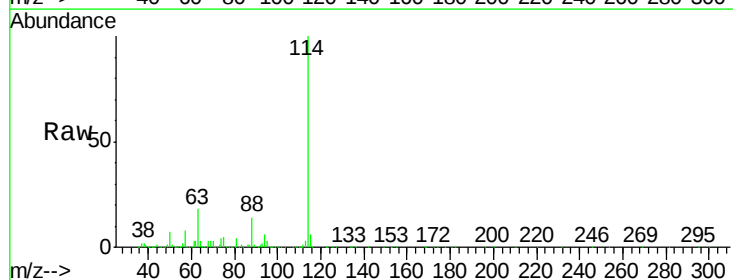
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB116824TB

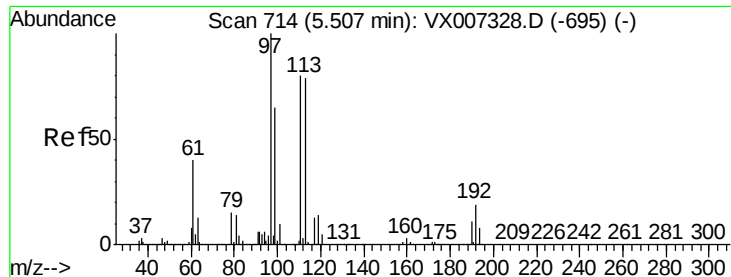
Tot Ion: 65 Resp: 263143  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 108.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX007374.D  
 Acq: 05 Feb 2019 14:05

Tgt Ion: 114 Resp: 755769  
 Ion Ratio Lower Upper  
 114 100  
 63 18.2 0.0 35.6  
 88 14.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.817 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

Instrument :

MSVOA\_X

ClientSampled :

PB116824TB

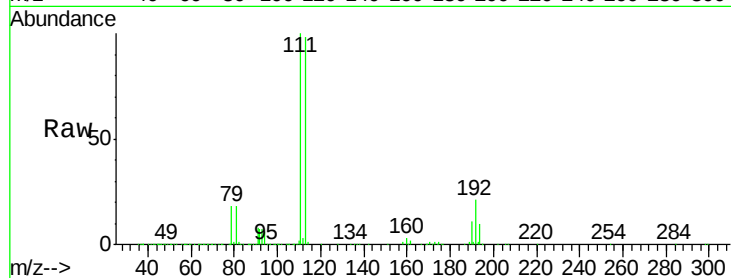
Tot Ion:113 Resp: 235141

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

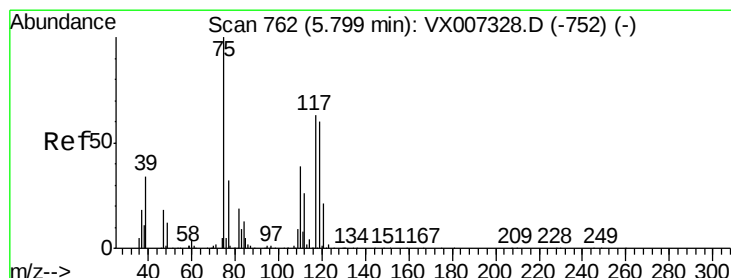
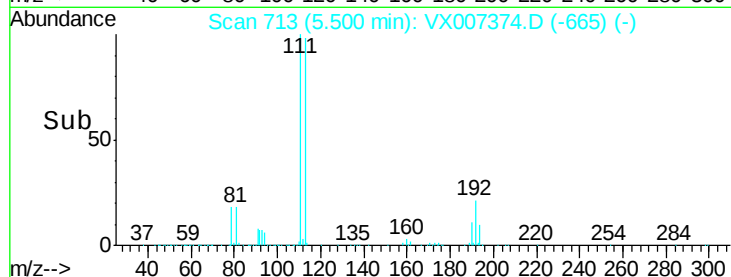
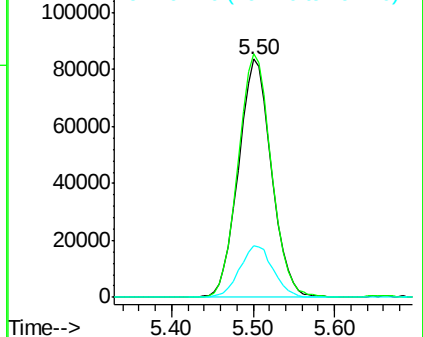
192 21.9 18.5 27.7



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



#36

1,1-Dichloropropene

Concen: 4.734 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

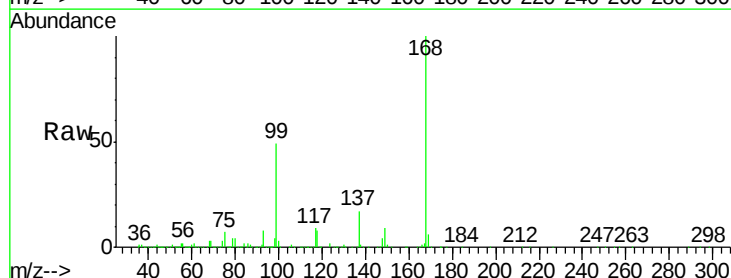
Tgt Ion: 75 Resp: 32102

Ion Ratio Lower Upper

75 100

110 0.0 20.0 59.9#

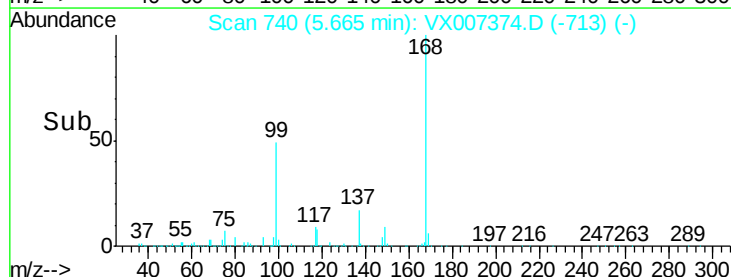
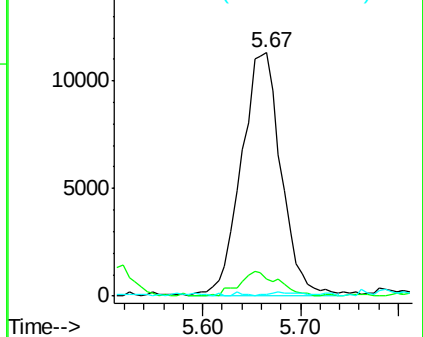
77 0.8 24.7 37.1#

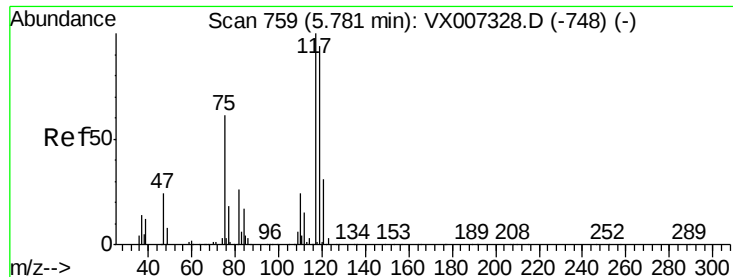


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

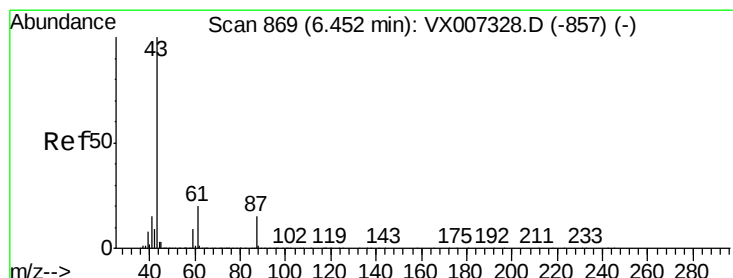
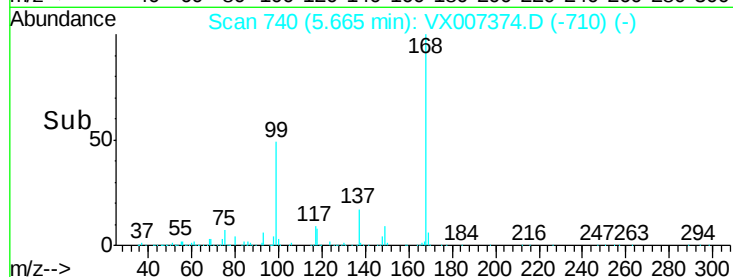
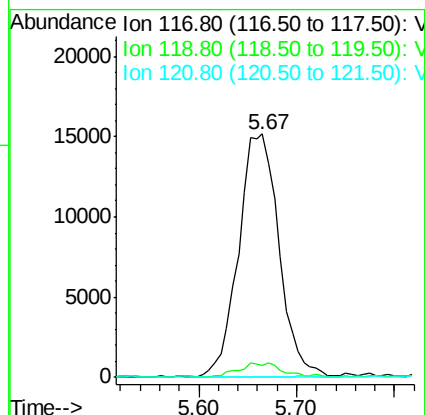
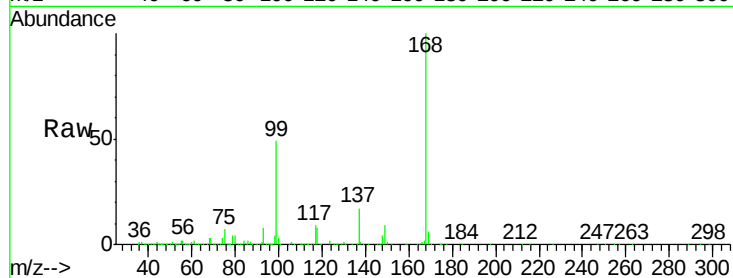




#38  
Carbon Tetrachloride  
Concen: 6.619 ug/l  
RT: 5.67 min Scan# 740  
Delta R.T. -0.12 min  
Lab File: VX007374.D  
Acq: 05 Feb 2019 14:05

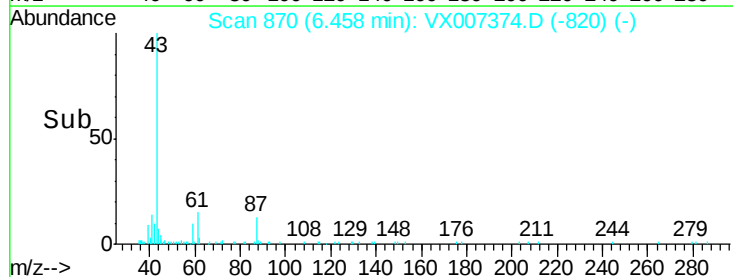
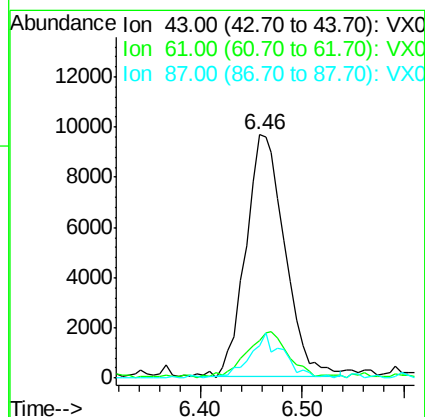
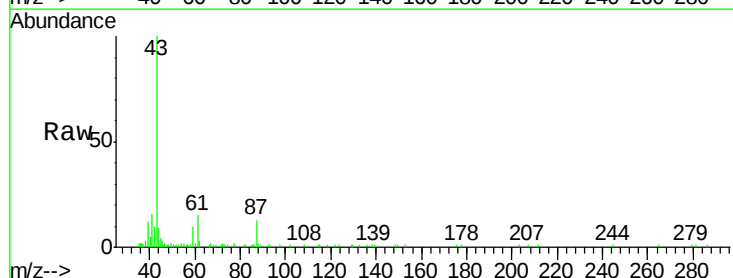
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB116824TB

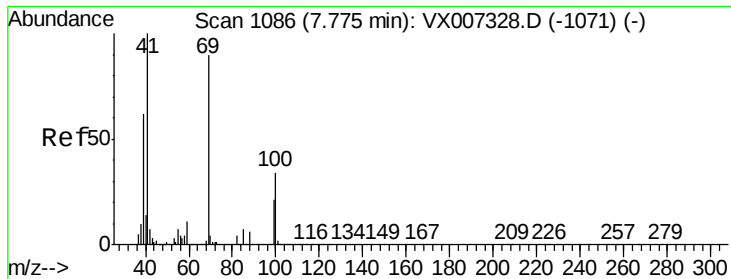
Tot Ion:117 Resp: 43543  
Ion Ratio Lower Upper  
117 100  
119 4.9 75.3 112.9#  
121 0.0 25.0 37.4#



#43  
Isopropyl Acetate  
Concen: 2.406 ug/l  
RT: 6.46 min Scan# 870  
Delta R.T. 0.01 min  
Lab File: VX007374.D  
Acq: 05 Feb 2019 14:05

Tgt Ion: 43 Resp: 25452  
Ion Ratio Lower Upper  
43 100  
61 21.5 16.1 24.1  
87 16.1 11.5 17.3

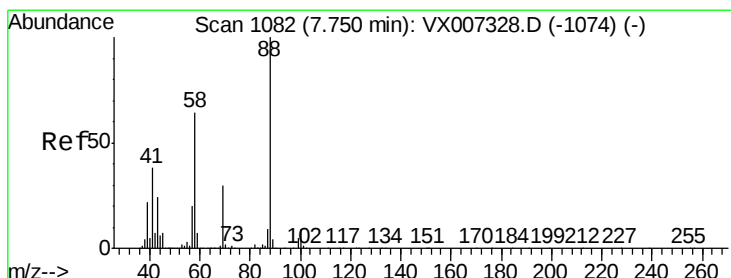
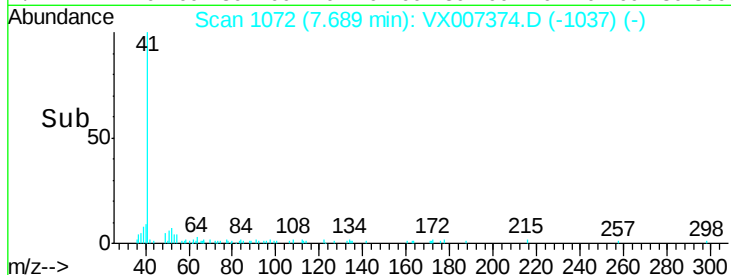
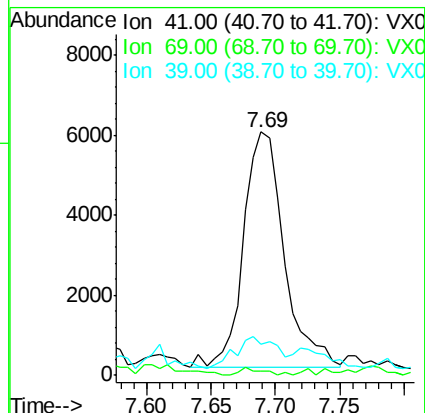
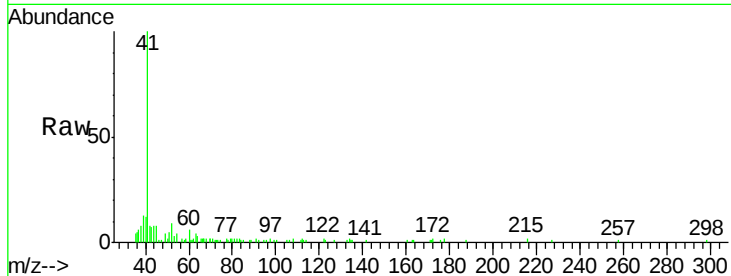




#48  
Methvl methacrylate  
Concen: 2.444 ug/l  
RT: 7.69 min Scan# 1072  
Delta R.T. -0.09 min  
Lab File: VX007374.D  
Acq: 05 Feb 2019 14:05

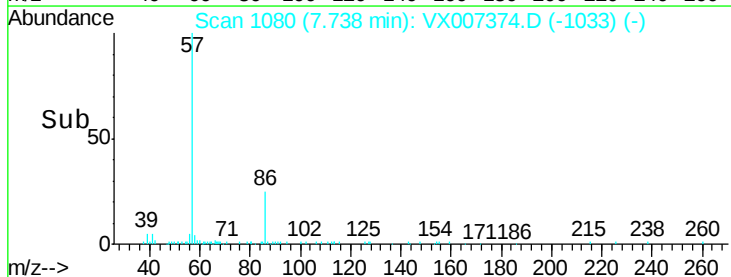
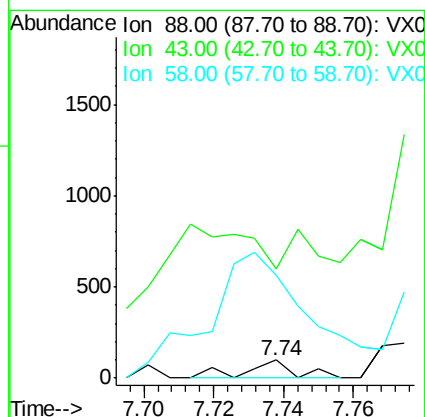
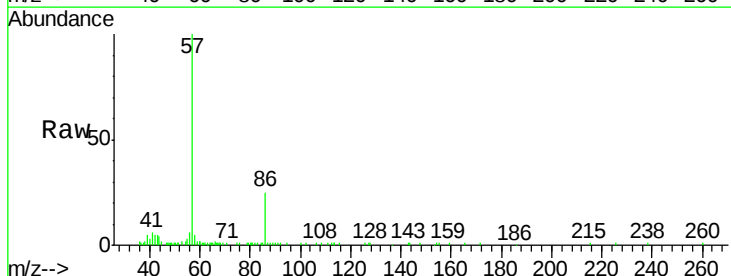
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB116824TB

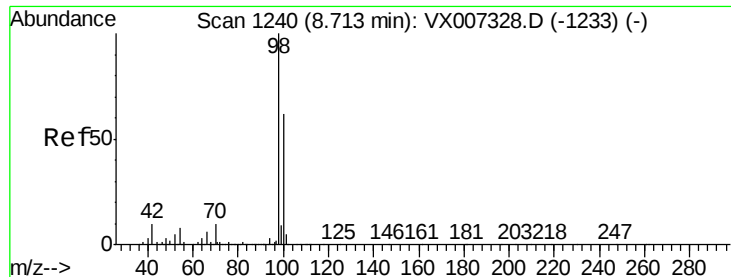
Tot Ion: 41 Resp: 12935  
Ion Ratio Lower Upper  
41 100  
69 1.6 70.2 105.4#  
39 0.0 47.4 71.0#



#49  
1,4-Dioxane  
Concen: 7.679 ug/l  
RT: 7.74 min Scan# 1080  
Delta R.T. -0.01 min  
Lab File: VX007374.D  
Acq: 05 Feb 2019 14:05

Tgt Ion: 88 Resp: 97  
Ion Ratio Lower Upper  
88 100  
43 0.0 24.2 36.4#  
58 1490.7 53.0 79.4#

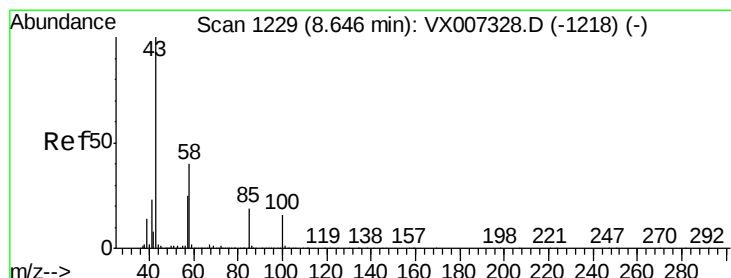
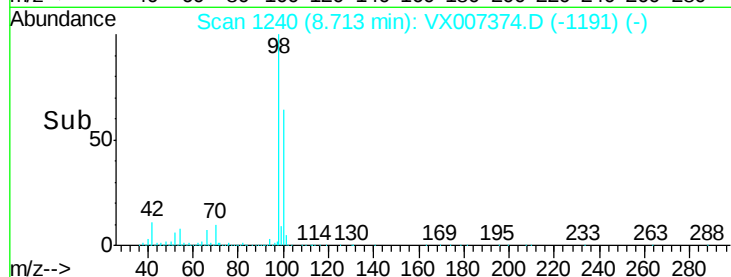
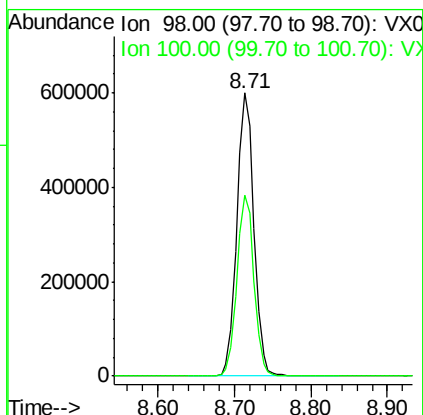
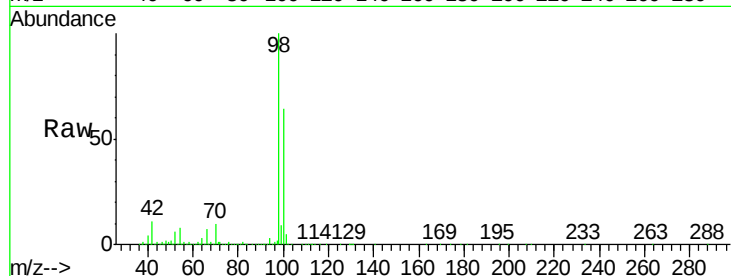




#50  
Toluene-d8  
Concen: 50.577 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX007374.D  
Acq: 05 Feb 2019 14:05

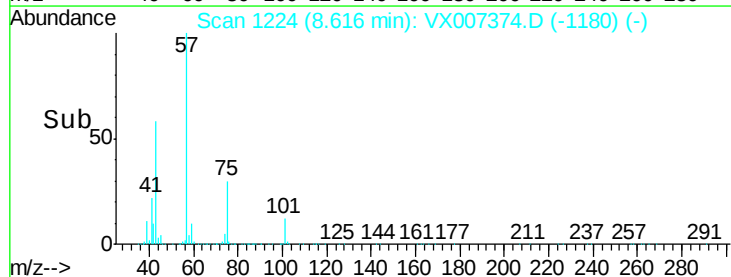
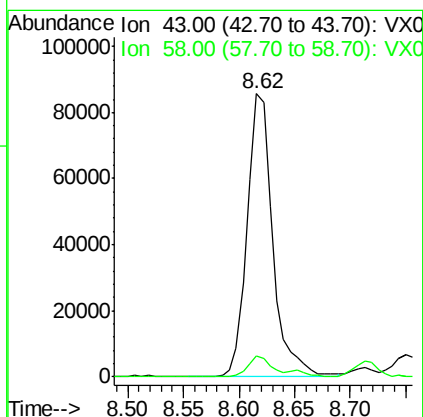
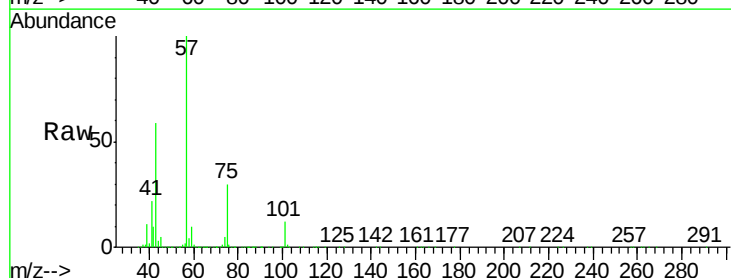
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB116824TB

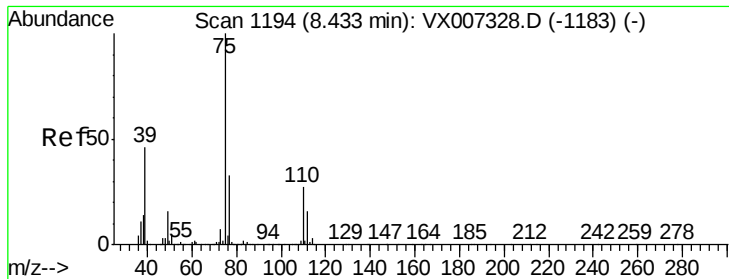
Tot Ion: 98 Resp: 922773  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.6 77.4



#51  
4-Methyl-2-Pentanone  
Concen: 19.658 ug/l  
RT: 8.62 min Scan# 1224  
Delta R.T. -0.03 min  
Lab File: VX007374.D  
Acq: 05 Feb 2019 14:05

Tgt Ion: 43 Resp: 136925  
Ion Ratio Lower Upper  
43 100  
58 6.9 31.2 46.8#



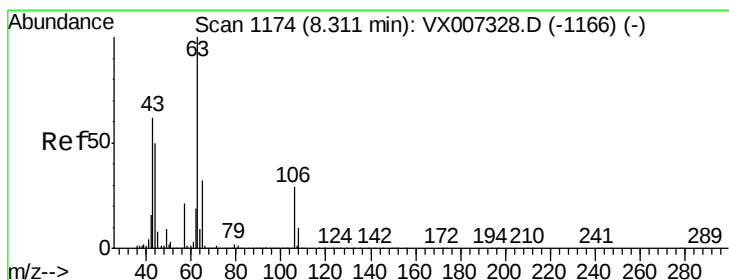
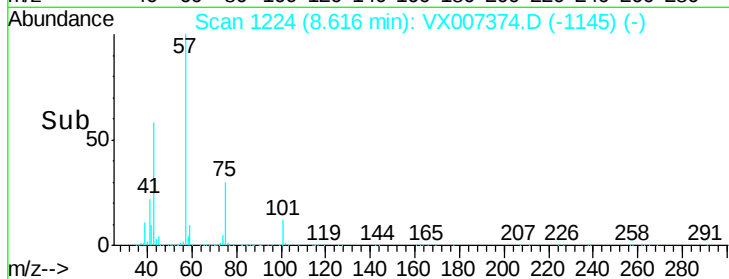
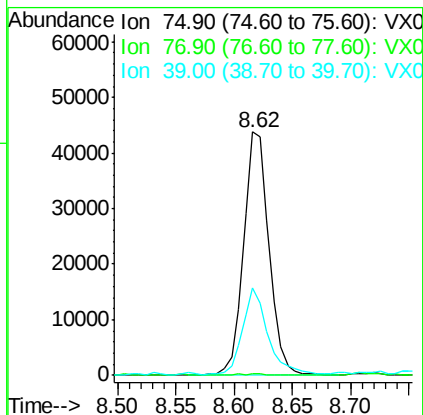
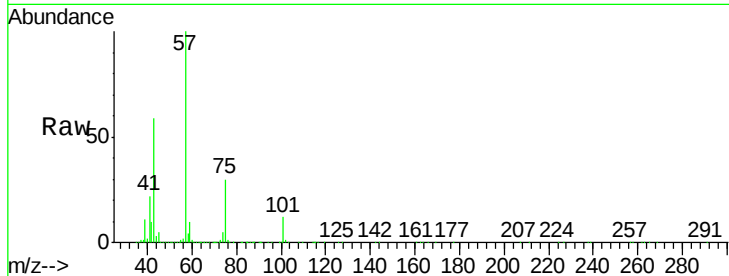


#54

cis-1,3-Dichloropropene  
 Concen: 9.192 ug/l  
 RT: 8.62 min Scan# 1224  
 Delta R.T. 0.18 min  
 Lab File: VX007374.D  
 Acq: 05 Feb 2019 14:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB116824TB

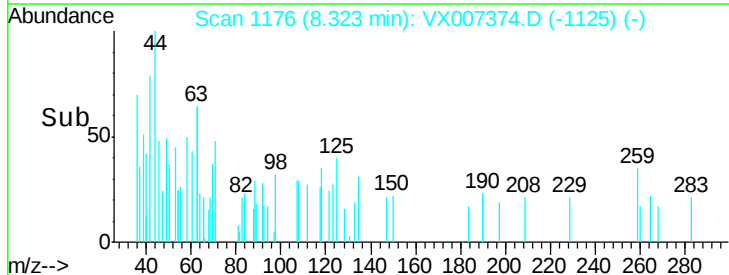
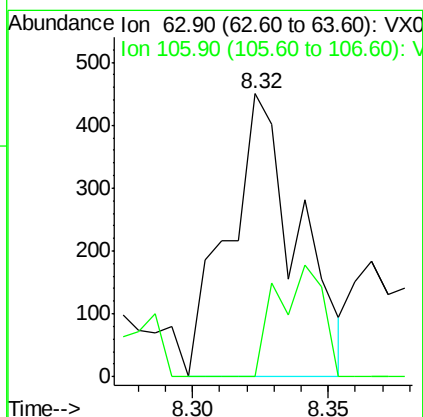
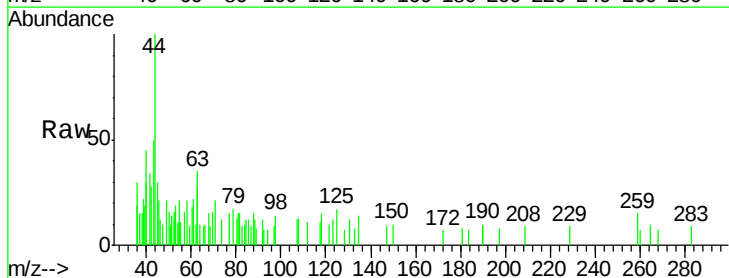
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 0.7   | 26.2  | 39.4# |
| 39      | 34.8  | 37.1  | 55.7# |

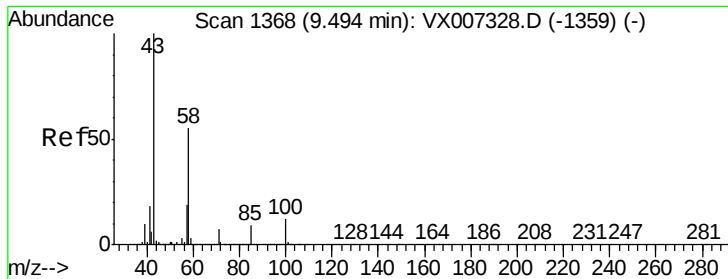


#58

2-Chloroethyl Vinyl ether  
 Concen: 0.201 ug/l  
 RT: 8.32 min Scan# 1176  
 Delta R.T. 0.01 min  
 Lab File: VX007374.D  
 Acq: 05 Feb 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 26.3  | 23.6  | 35.4  |





#59

2-Hexanone

Concen: 37.689 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

Instrument :

MSVOA\_X

ClientSampleId :

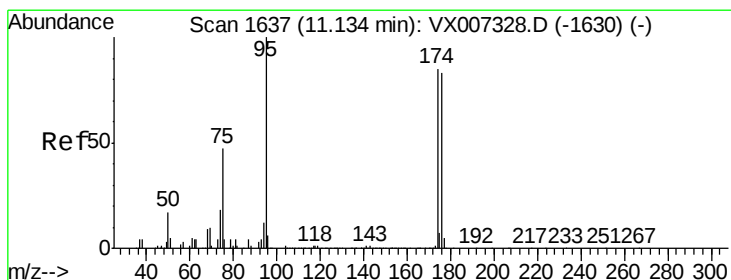
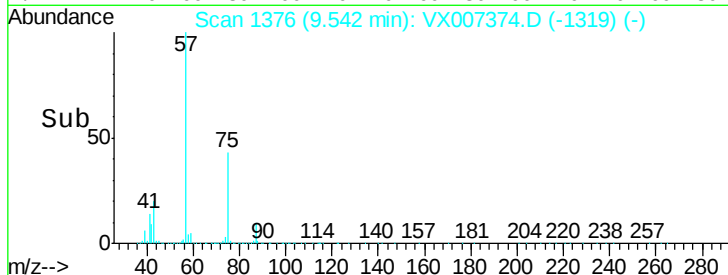
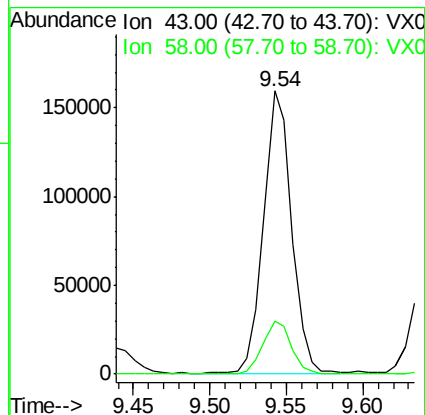
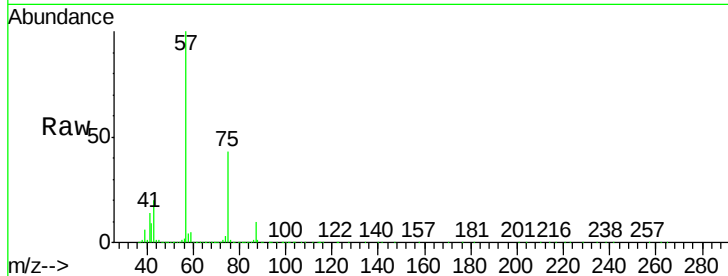
PB116824TB

Tot Ion: 43 Resp: 204277

Ion Ratio Lower Upper

43 100

58 19.4 27.1 81.3#



#62

4-Bromofluorobenzene

Concen: 47.221 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

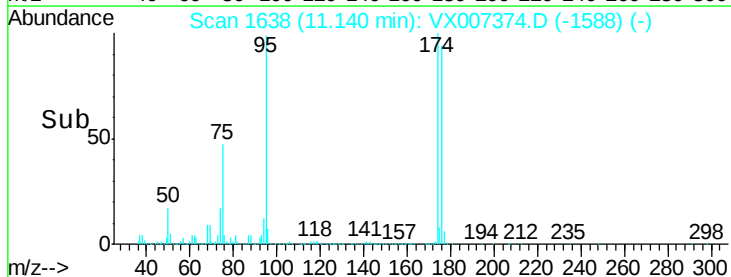
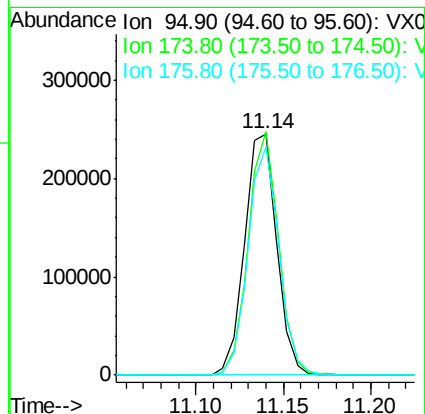
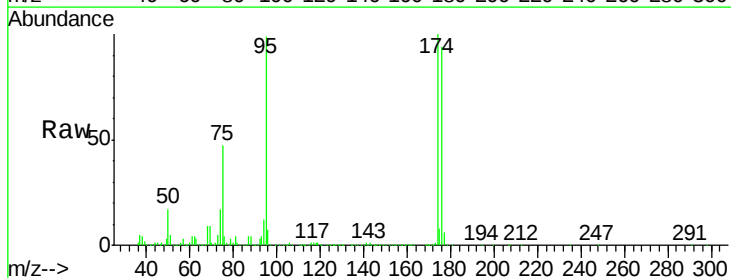
Tgt Ion: 95 Resp: 314549

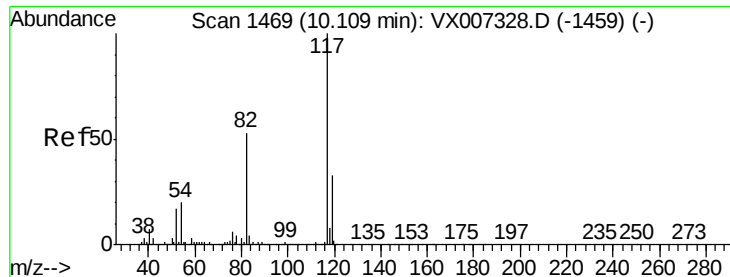
Ion Ratio Lower Upper

95 100

174 95.3 0.0 189.2

176 90.7 0.0 186.2

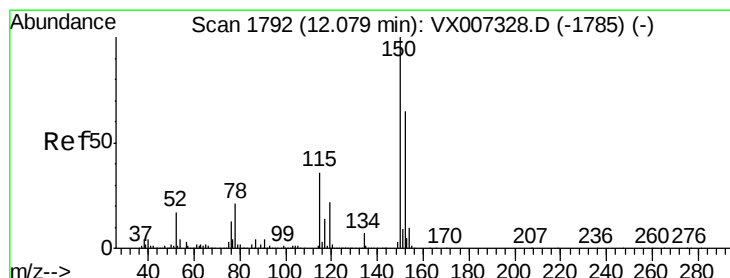
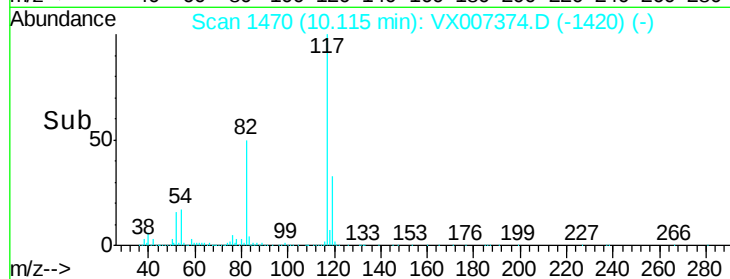
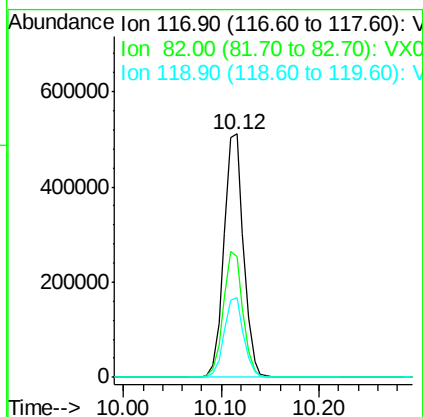
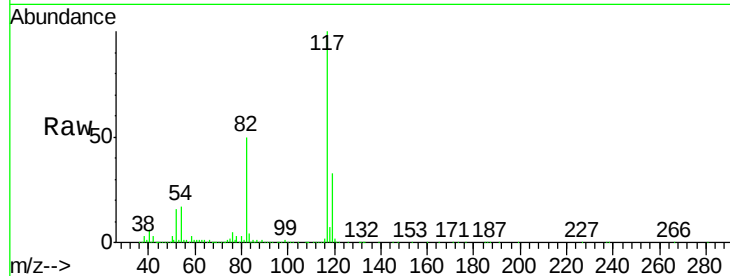




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.01 min  
Lab File: VX007374.D  
Acq: 05 Feb 2019 14:05

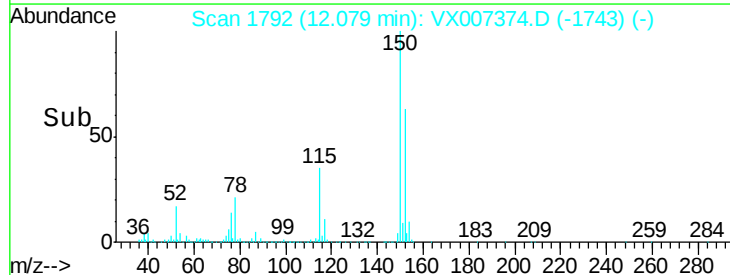
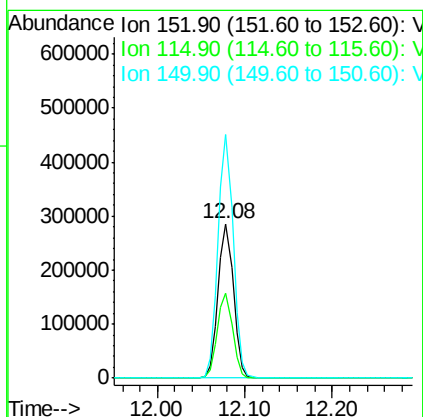
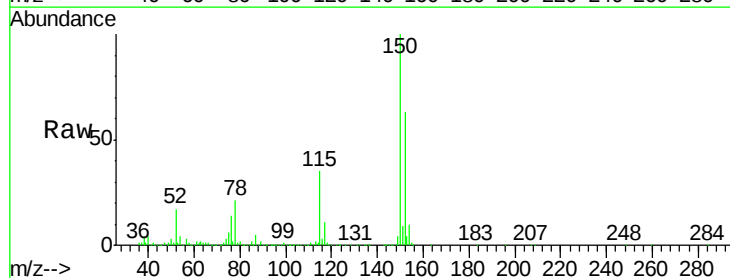
Instrument :  
MSVOA\_X  
ClientSampled :  
PB116824TB

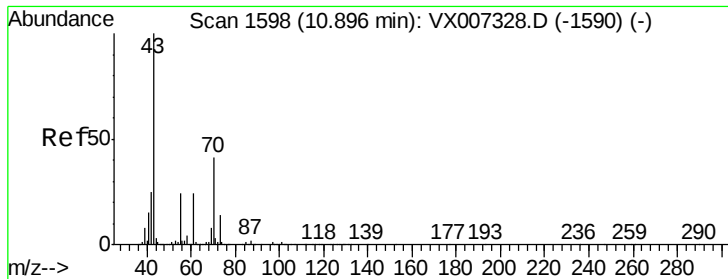
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 49.7  | 42.1  | 63.1  |
| 119     | 32.9  | 26.5  | 39.7  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX007374.D  
Acq: 05 Feb 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 54.6  | 38.0  | 114.0 |
| 150     | 156.1 | 0.0   | 346.4 |





#74

N-amvl acetate

Concen: 2.426 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

Instrument :

MSVOA\_X

ClientSampled :

PB116824TB

Tot Ion: 43 Resp: 22113

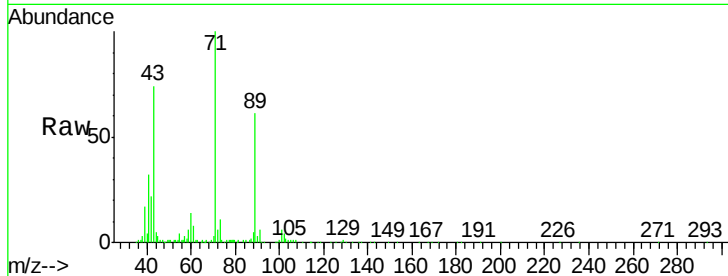
Ion Ratio Lower Upper

43 100

70 3.4 33.8 50.6#

55 7.2 19.5 29.3#

61 13.2 19.4 29.2#

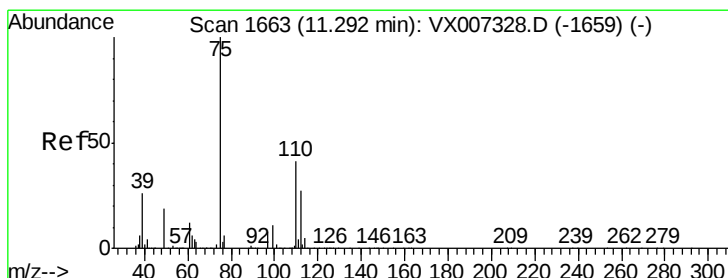
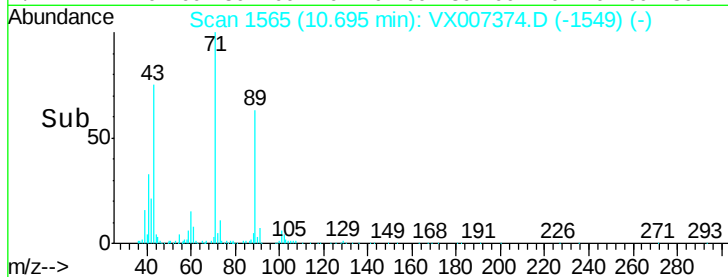
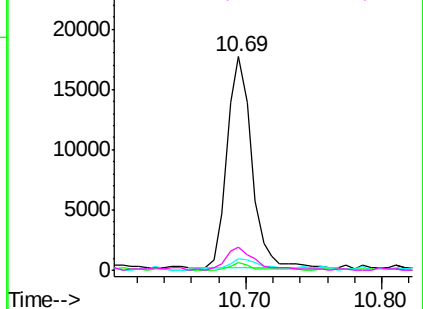


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 22.261 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007374.D

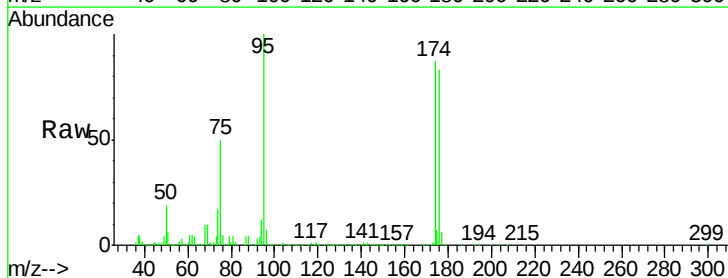
Acq: 05 Feb 2019 14:05

Tgt Ion: 75 Resp: 150131

Ion Ratio Lower Upper

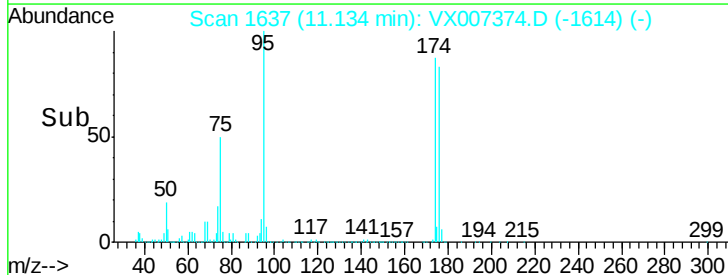
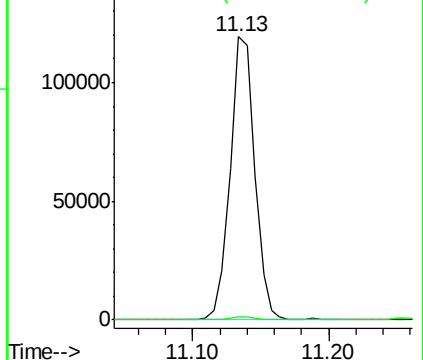
75 100

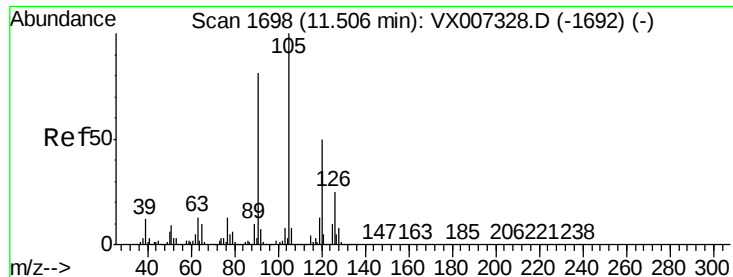
77 1.1 23.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#80

1,3,5-Trimethylbenzene

Concen: 0.646 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

Instrument :

MSVOA\_X

ClientSampleId :

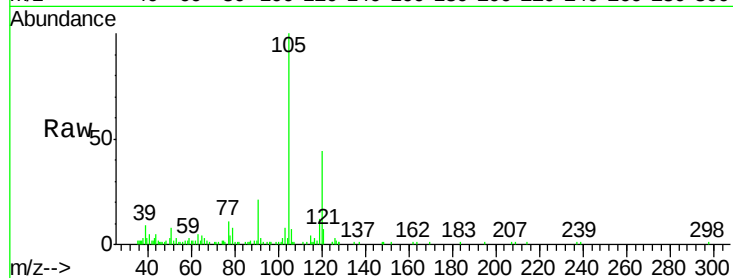
PB116824TB

Tot Ion:105 Resp: 12452

Ion Ratio Lower Upper

105 100

120 43.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

6000

4000

2000

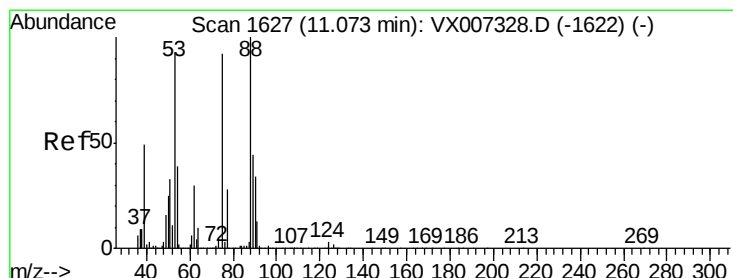
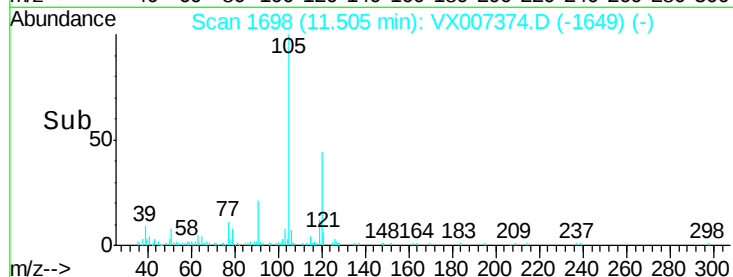
0

Time-->

11.45

11.50

11.55



#81

trans-1,4-Dichloro-2-butene

Concen: 67.216 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

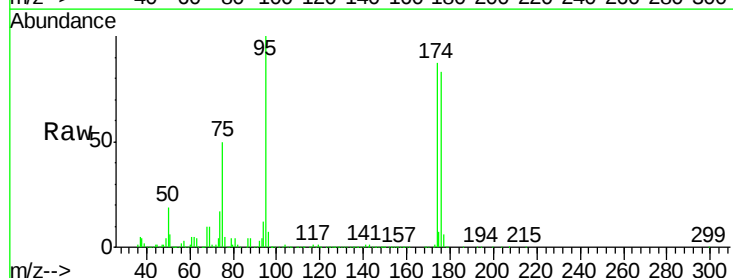
Tgt Ion: 75 Resp: 150131

Ion Ratio Lower Upper

75 100

53 0.2 81.0 121.6#

89 0.2 41.4 62.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

150000

100000

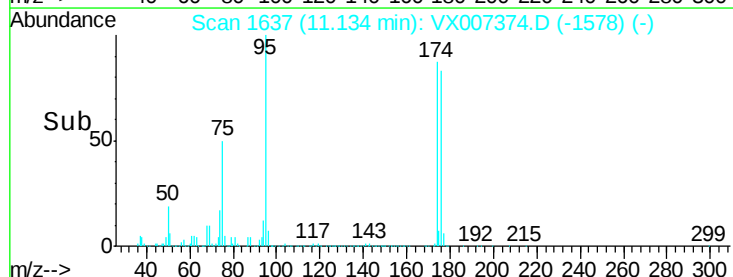
50000

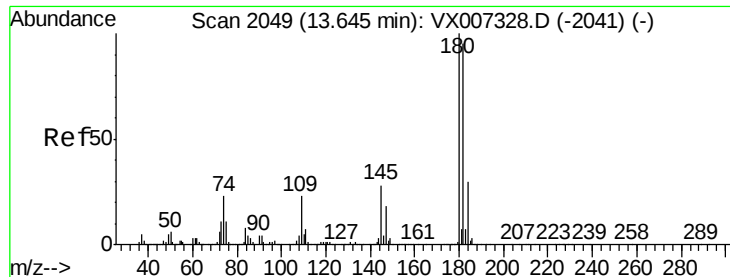
0

Time-->

11.10

11.20

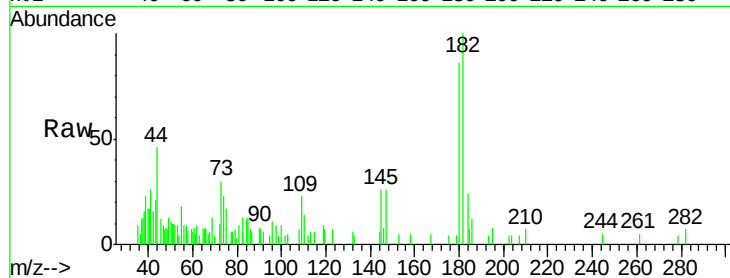




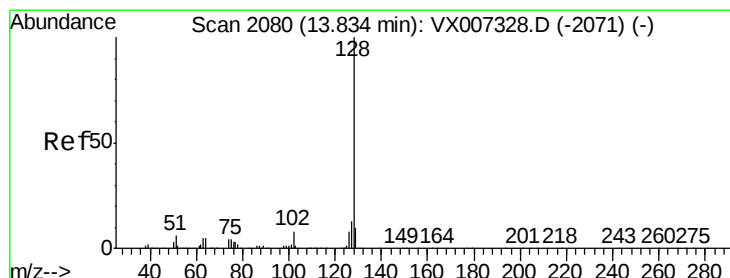
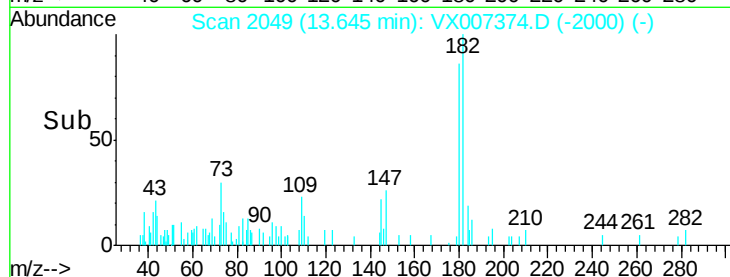
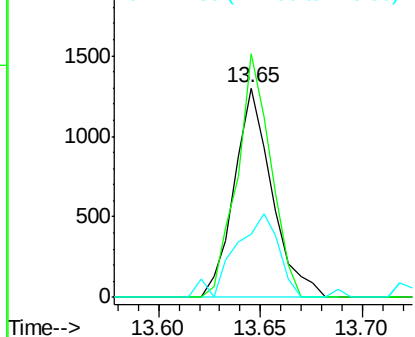
#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.209 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX007374.D  
 Acq: 05 Feb 2019 14:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB116824TB

Tot Ion:180 Resp: 1668  
 Ion Ratio Lower Upper  
 180 100  
 182 103.8 47.8 143.3  
 145 46.1 14.1 42.2#

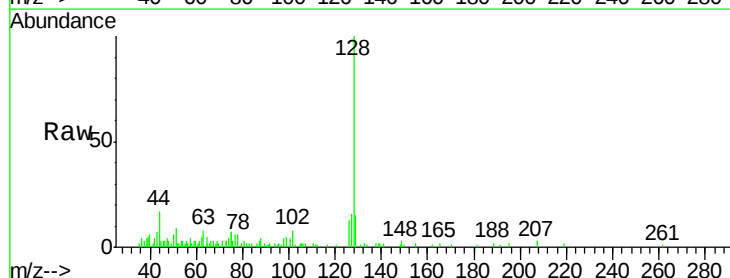


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

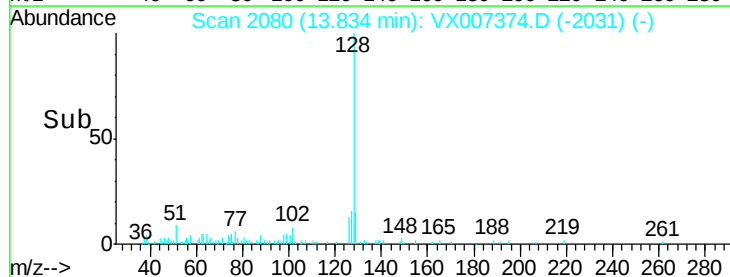
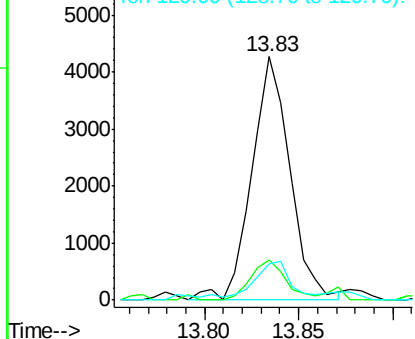


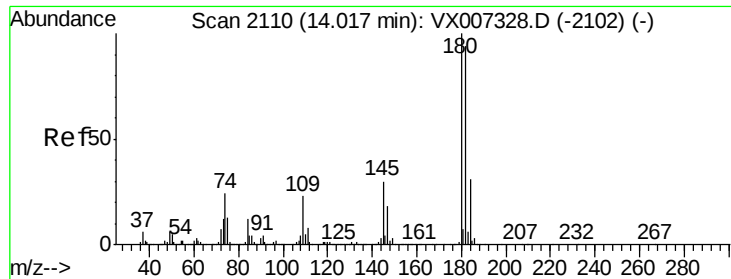
#95  
 Naphthalene  
 Concen: 0.257 ug/l  
 RT: 13.83 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: VX007374.D  
 Acq: 05 Feb 2019 14:05

Tgt Ion:128 Resp: 6003  
 Ion Ratio Lower Upper  
 128 100  
 127 15.5 10.5 15.7  
 129 15.9 8.7 13.1#



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: 0.220 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007374.D

Acq: 05 Feb 2019 14:05

Instrument :

MSVOA\_X

ClientSampleId :

PB116824TB

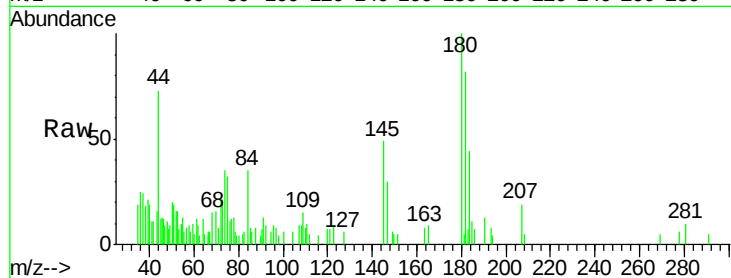
Tot Ion:180 Resp: 1768

Ion Ratio Lower Upper

180 100

182 90.5 47.5 142.6

145 37.5 14.9 44.5



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

