

Data Path : W:\HPCHEM1\MSVOA\_X\DATA\VX032818\  
 Data File : VX000492.D  
 Acq On : 28 Mar 2018 16:43  
 Operator : JC/MD  
 Sample : J2087-03 5X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 JRS-RB201719RT-CV-2530

Quant Time: Mar 29 04:11:10 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X032018W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 21 04:52:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.68  | 168  | 95442    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 172182   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 170615   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 85485    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.08  | 65   | 73463    | 58.97 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 117.94% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 56451    | 52.03 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.06% |          |
| 50) Toluene-d8              | 8.73  | 98   | 221442   | 49.28 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.56%  |          |
| 62) 4-Bromofluorobenzene    | 11.15 | 95   | 74005    | 40.34 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 80.68%  |          |

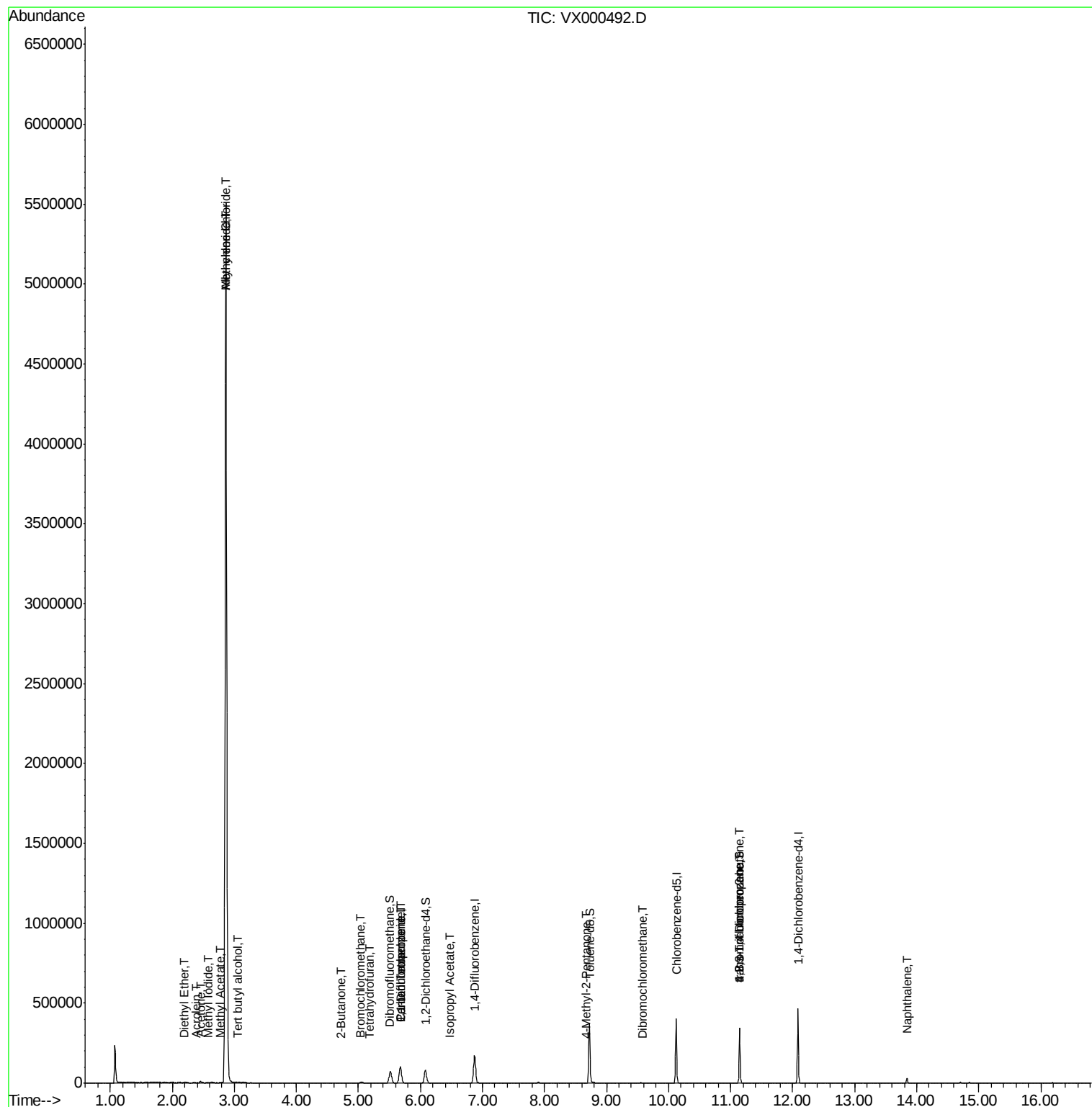
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 6) Chloroethane                | 1.72  | 64   | 298      | Below Cal | #      | 44     |
| 8) Diethyl Ether               | 2.20  | 74   | 210      | 0.28      | ug/l # | 36     |
| 10) Methyl Iodide              | 2.57  | 142  | 24       | 4.29      | ug/l # | 37     |
| 11) Tert butyl alcohol         | 3.05  | 59   | 120      | 0.28      | ug/l # | 72     |
| 13) Acrolein                   | 2.39  | 56   | 21       | 14.72     | ug/l # | 13     |
| 14) Allyl chloride             | 2.86  | 41   | 84199    | 46.07     | ug/l # | 24     |
| 16) Acetone                    | 2.45  | 43   | 8949     | 8.63      | ug/l   | 96     |
| 18) Methyl Acetate             | 2.78  | 43   | 624      | 0.29      | ug/l # | 51     |
| 20) Methylene Chloride         | 2.86  | 84   | 2443574  | 2041.32   | ug/l   | 99     |
| 25) 2-Butanone                 | 4.72  | 43   | 1349     | 1.16      | ug/l   | 98     |
| 28) Bromochloromethane         | 5.03  | 49   | 1834     | 2.19      | ug/l # | 38     |
| 29) Tetrahydrofuran            | 5.18  | 42   | 356      | 0.50      | ug/l # | 31     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 7216     | 4.47      | ug/l # | 52     |
| 38) Carbon Tetrachloride       | 5.68  | 117  | 9580     | 5.66      | ug/l # | 15     |
| 43) Isopropyl Acetate          | 6.47  | 43   | 1263     | 0.39      | ug/l # | 77     |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 672      | 0.26      | ug/l # | 78     |
| 60) Dibromochloromethane       | 9.59  | 129  | 23       | 4.13      | ug/l # | 12     |
| 74) N-amyl acetate             | 6.47  | 43   | 1263     | Below Cal | #      | 86     |
| 76) 1,2,3-Trichloropropane     | 11.15 | 75   | 43361    | 23.60     | ug/l # | 35     |
| 81) trans-1,4-Dichloro-2-buten | 11.15 | 75   | 43361    | 76.41     | ug/l # | 9      |
| 95) Naphthalene                | 13.84 | 128  | 17854    | 2.56      | ug/l   | 99     |

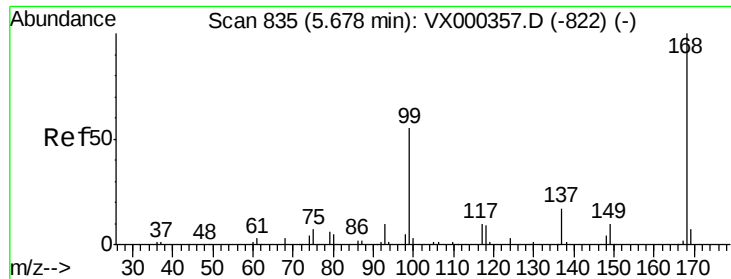
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
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Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X032018W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 21 04:52:42 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000492.D

Acq: 28 Mar 2018 16:43

Instrument :

MSVOA\_X

ClientSampleId :

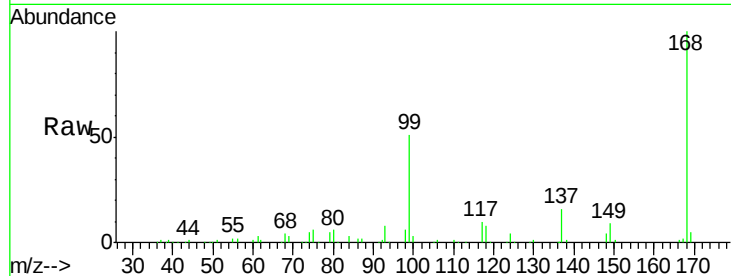
JRS-RB201719RT-CV-2530

Tgt Ion:168 Resp: 95442

Ion Ratio Lower Upper

168 100

99 50.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

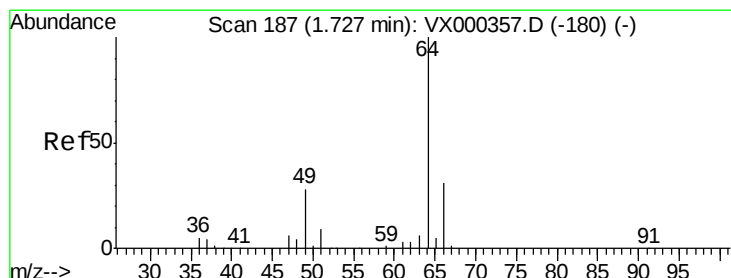
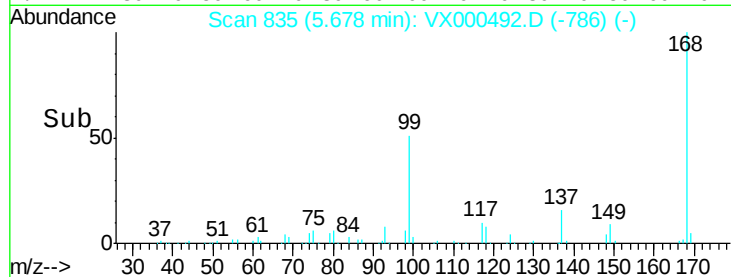
20000

10000

0

5.60 5.70 5.80

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000492.D

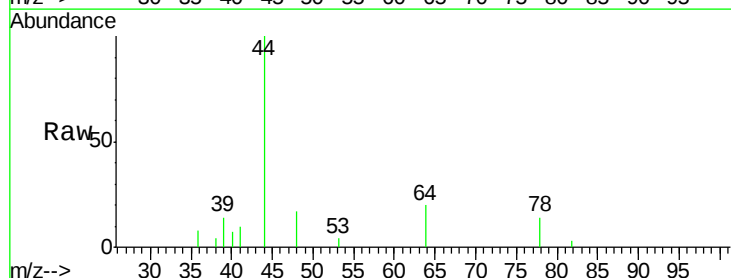
Acq: 28 Mar 2018 16:43

Tgt Ion: 64 Resp: 298

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

400

300

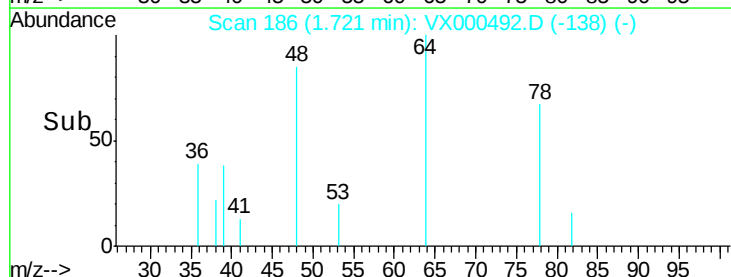
200

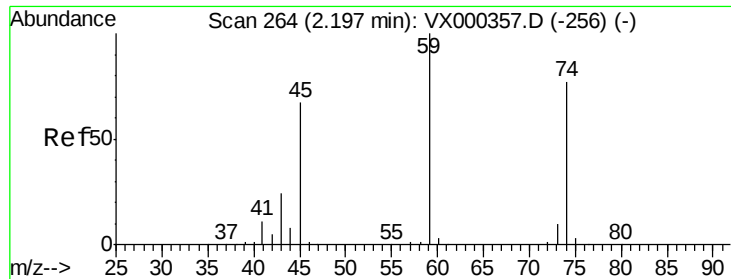
100

0

1.68 1.70 1.72 1.74

Time-->

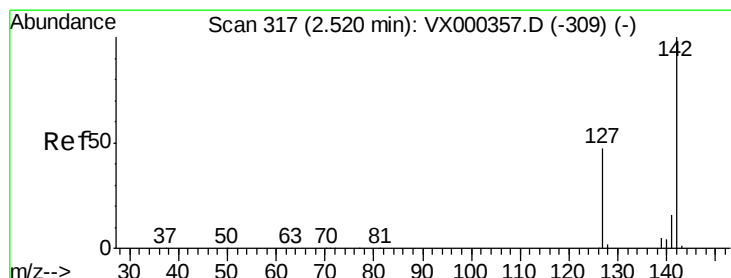
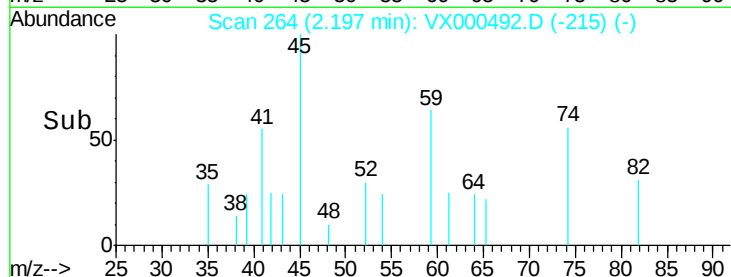
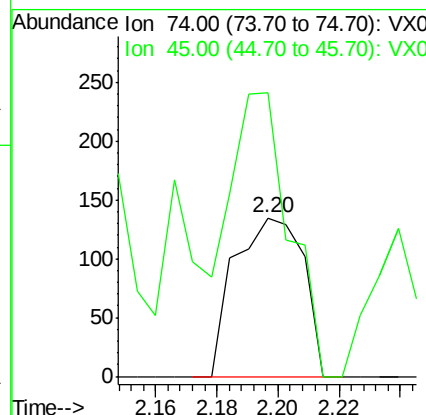
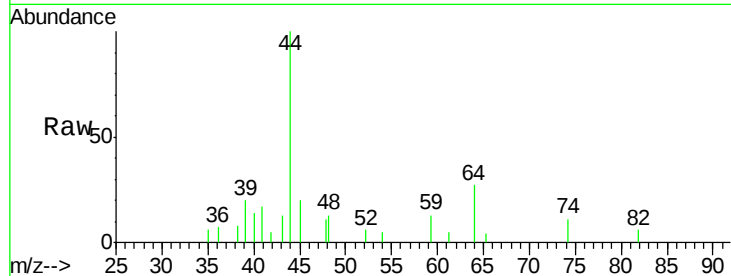




#8  
Diethyl Ether  
Concen: 0.28 ug/l  
RT: 2.20 min Scan# 264  
Delta R.T. -0.00 min  
Lab File: VX000492.D  
Acq: 28 Mar 2018 16:43

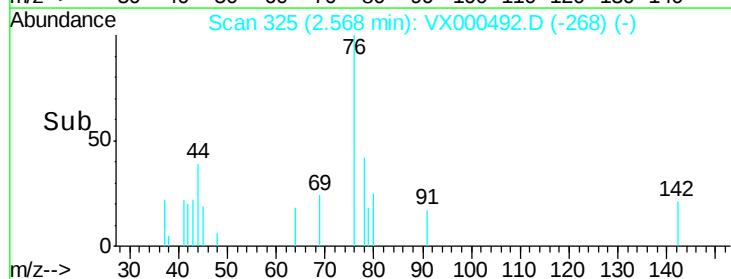
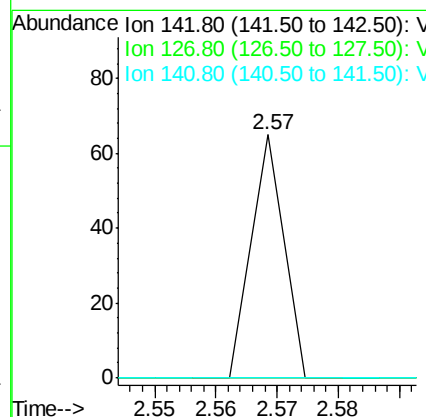
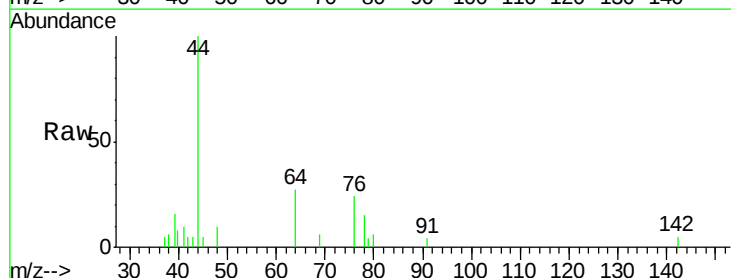
Instrument :  
MSVOA\_X  
ClientSampleId :  
JRS-RB201719RT-CV-2530

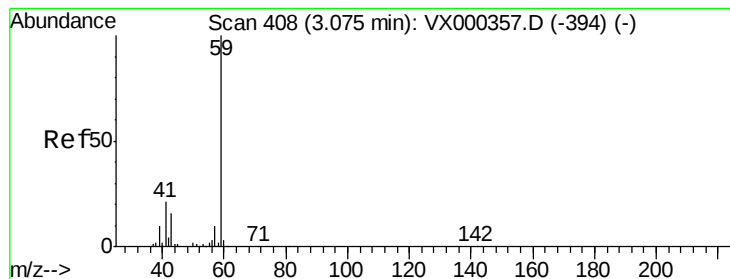
Tgt Ion: 74 Resp: 210  
Ion Ratio Lower Upper  
74 100  
45 150.5 45.1 135.3#



#10  
Methyl Iodide  
Concen: 4.29 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. 0.05 min  
Lab File: VX000492.D  
Acq: 28 Mar 2018 16:43

Tgt Ion: 142 Resp: 24  
Ion Ratio Lower Upper  
142 100  
127 0.0 39.2 58.8#  
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 0.28 ug/l

RT: 3.05 min Scan# 404

Delta R.T. -0.02 min

Lab File: VX000492.D

Acq: 28 Mar 2018 16:43

Instrument :

MSVOA\_X

ClientSampleId :

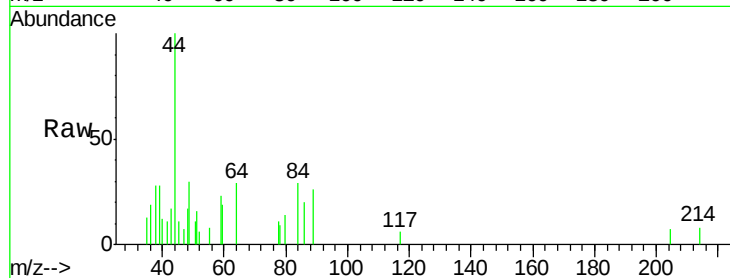
JRS-RB201719RT-CV-2530

Tgt Ion: 59 Resp: 120

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.05

400

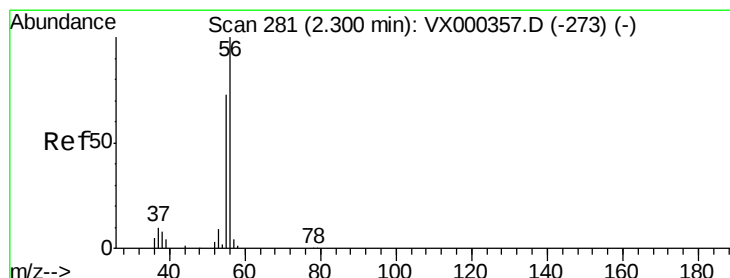
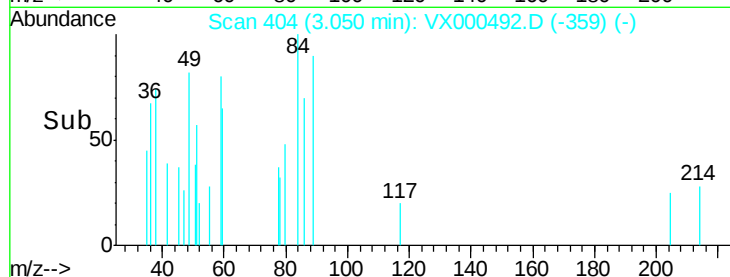
300

200

100

0

Time-->



#13

Acrolein

Concen: 14.72 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.09 min

Lab File: VX000492.D

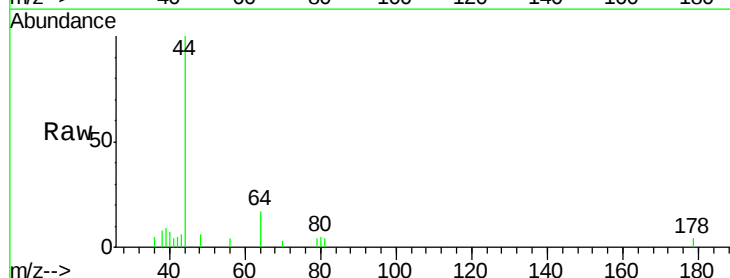
Acq: 28 Mar 2018 16:43

Tgt Ion: 56 Resp: 21

Ion Ratio Lower Upper

56 100

55 0.0 58.8 88.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.39

120

100

80

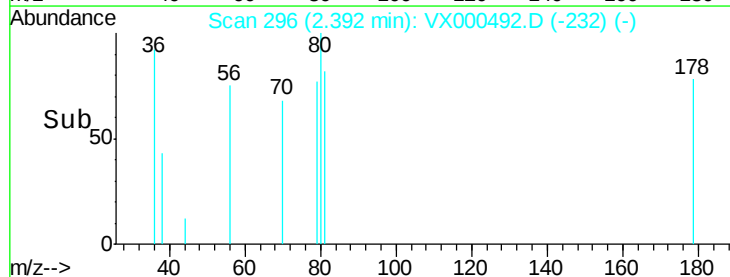
60

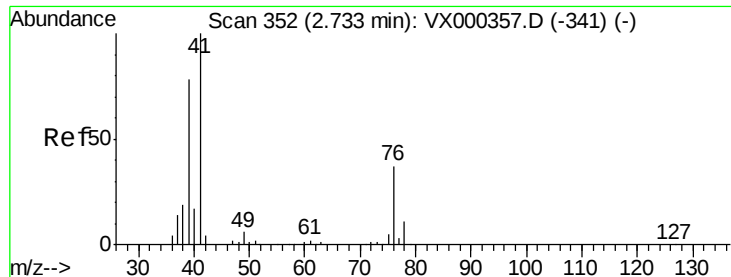
40

20

0

Time-->

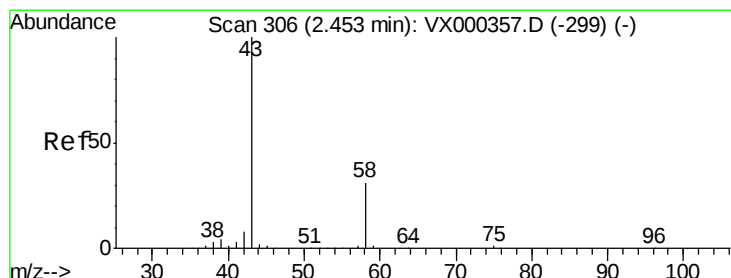
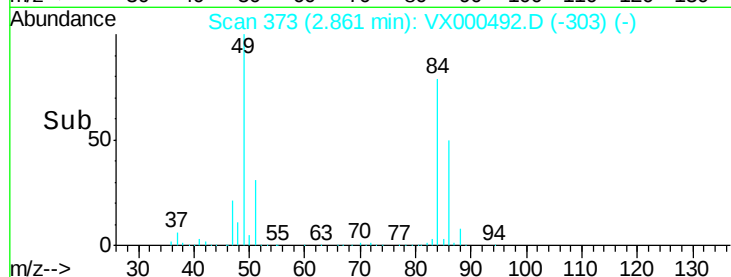
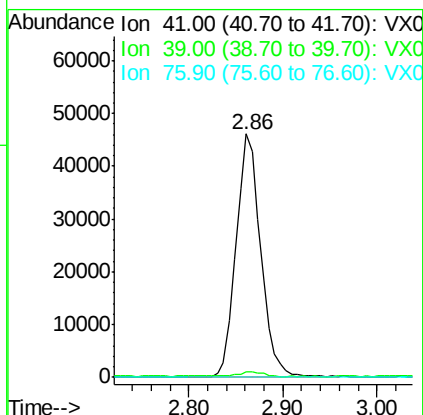
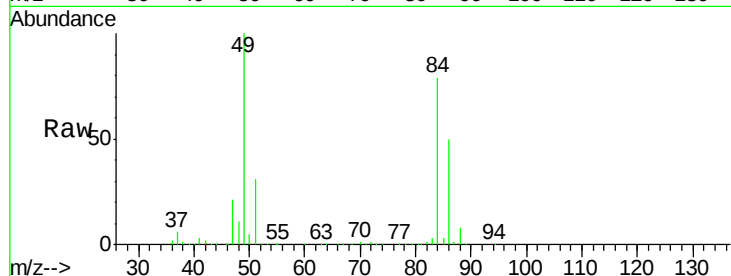




#14  
 Allyl chloride  
 Concen: 46.07 ug/l  
 RT: 2.86 min Scan# 373  
 Delta R.T. 0.13 min  
 Lab File: VX000492.D  
 Acq: 28 Mar 2018 16:43

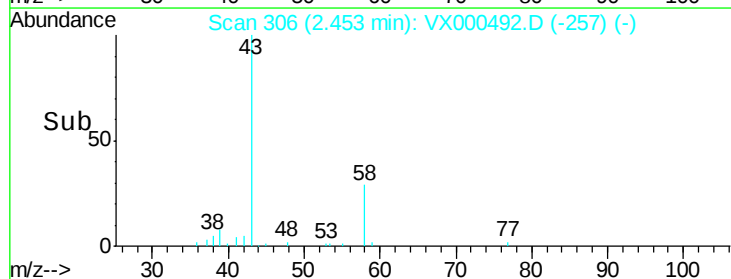
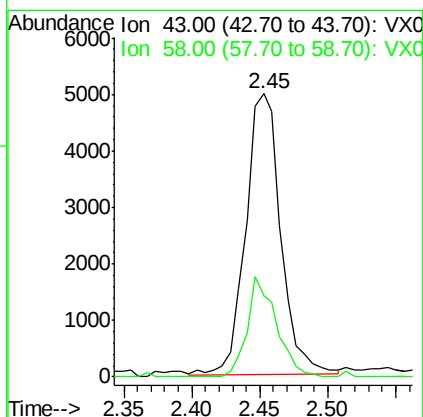
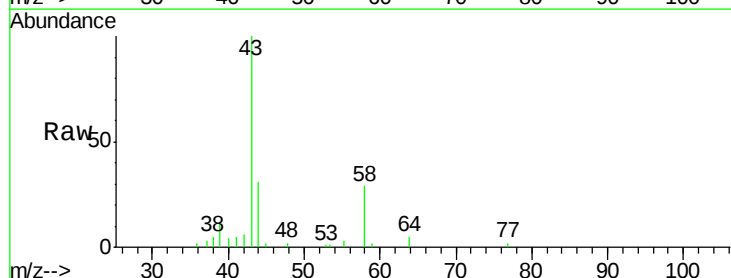
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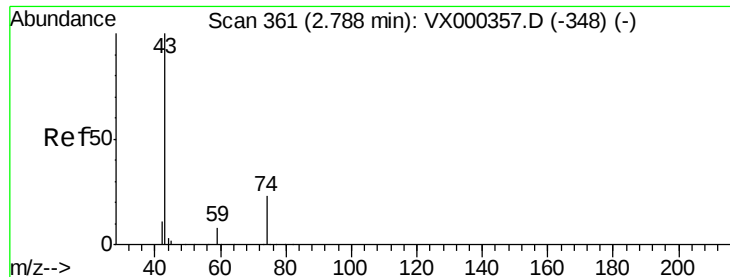
Tgt Ion: 41 Resp: 84199  
 Ion Ratio Lower Upper  
 41 100  
 39 2.0 57.6 86.4#  
 76 0.0 27.3 40.9#



#16  
 Acetone  
 Concen: 8.63 ug/l  
 RT: 2.45 min Scan# 306  
 Delta R.T. -0.00 min  
 Lab File: VX000492.D  
 Acq: 28 Mar 2018 16:43

Tgt Ion: 43 Resp: 8949  
 Ion Ratio Lower Upper  
 43 100  
 58 29.0 24.7 37.1

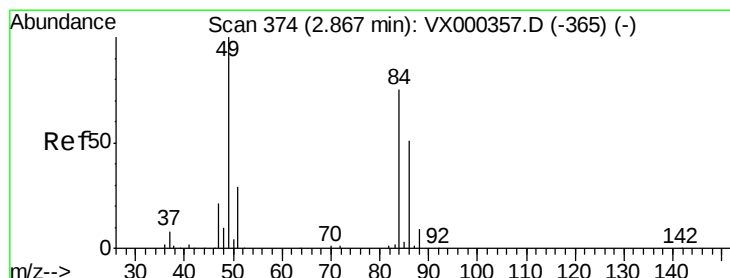
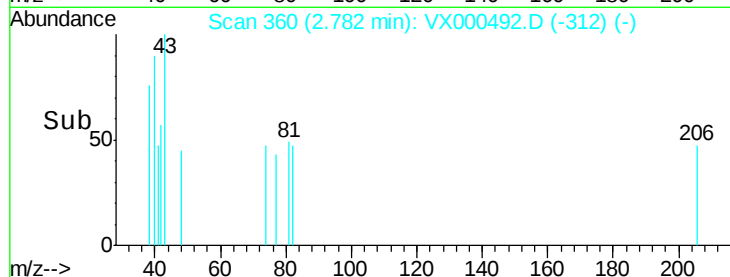
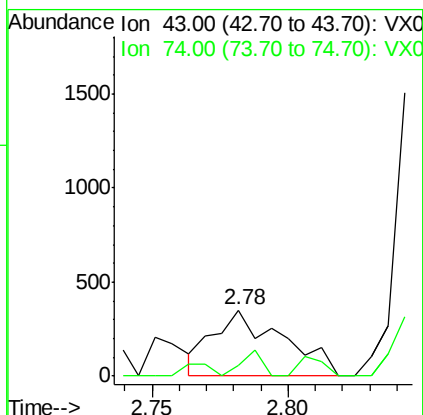
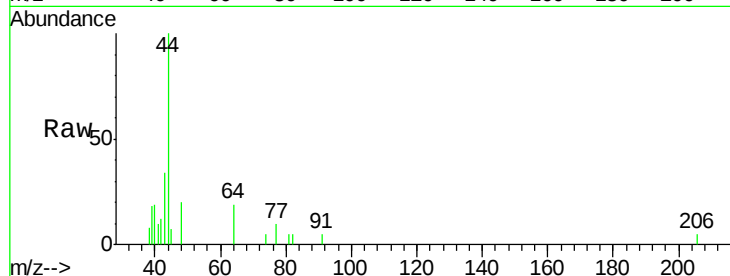




#18  
Methyl Acetate  
Concen: 0.29 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. -0.01 min  
Lab File: VX000492.D  
Acq: 28 Mar 2018 16:43

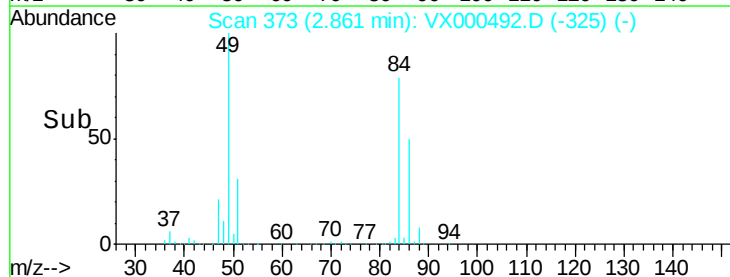
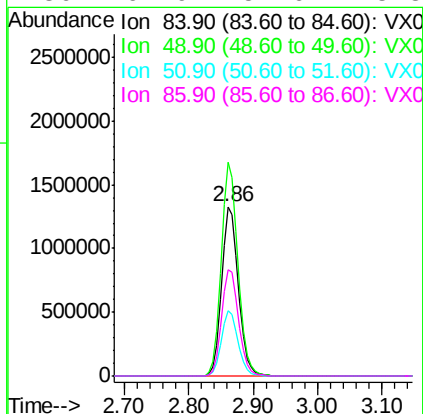
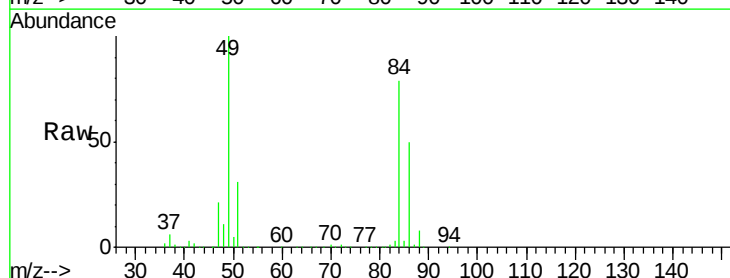
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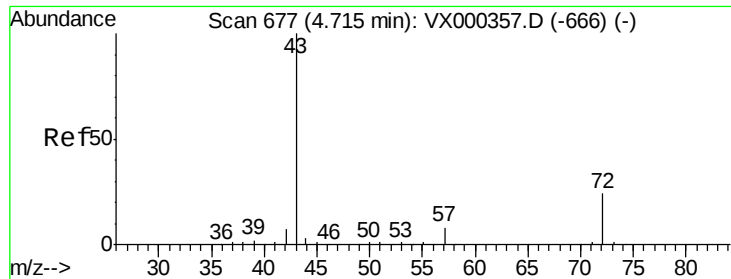
Tgt Ion: 43 Resp: 624  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.4 29.2#



#20  
Methylene Chloride  
Concen: 2041.32 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. -0.01 min  
Lab File: VX000492.D  
Acq: 28 Mar 2018 16:43

Tgt Ion: 84 Resp: 2443574  
Ion Ratio Lower Upper  
84 100  
49 126.4 100.6 151.0  
51 38.7 31.6 47.4  
86 62.9 52.6 78.8





#25

2-Butanone

Concen: 1.16 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000492.D

Acq: 28 Mar 2018 16:43

Instrument :

MSVOA\_X

ClientSampleId :

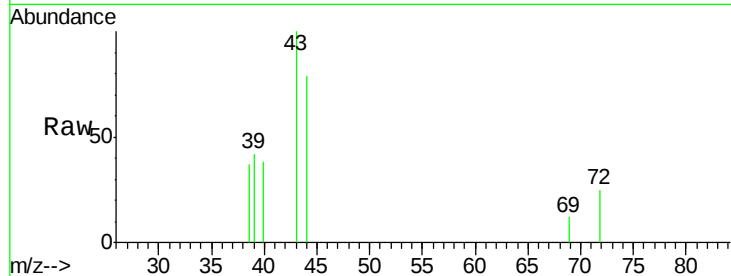
JRS-RB201719RT-CV-2530

Tgt Ion: 43 Resp: 1349

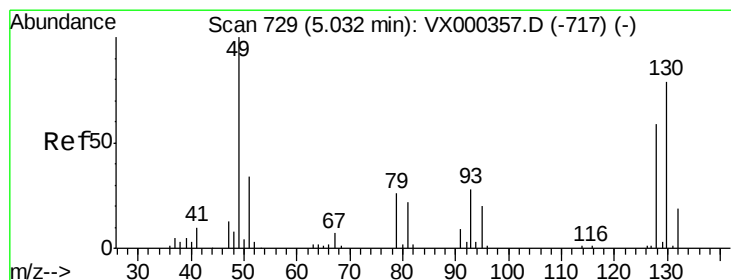
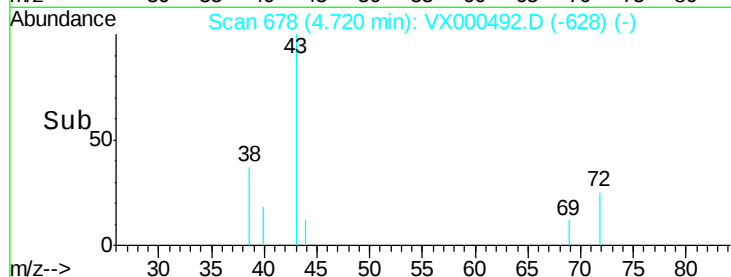
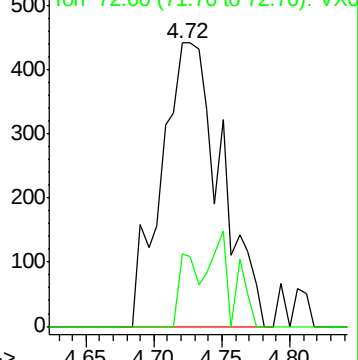
Ion Ratio Lower Upper

43 100

72 25.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0



#28

Bromochloromethane

Concen: 2.19 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000492.D

Acq: 28 Mar 2018 16:43

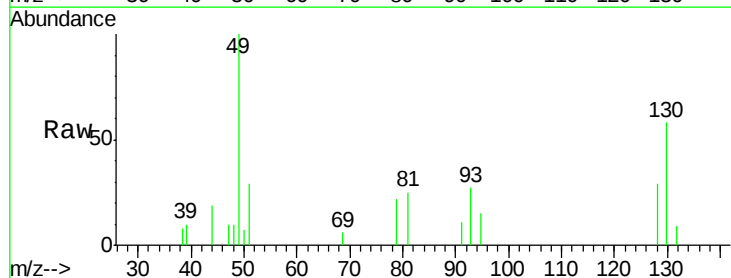
Tgt Ion: 49 Resp: 1834

Ion Ratio Lower Upper

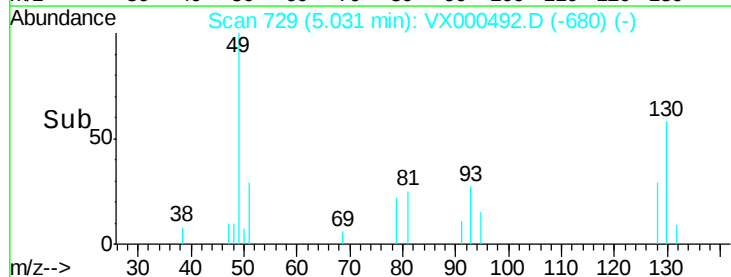
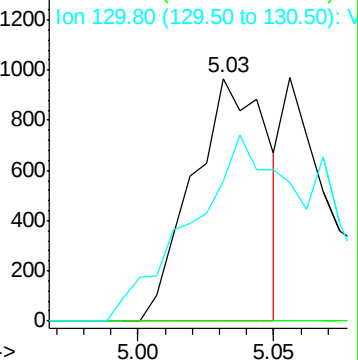
49 100

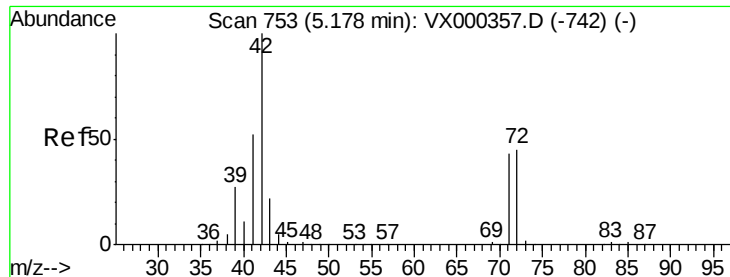
129 0.0 0.0 5.0

130 135.9 64.0 96.0#



Abundance Ion 48.90 (48.60 to 49.60): VX0

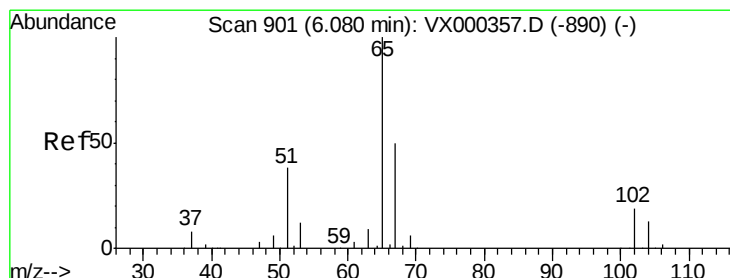
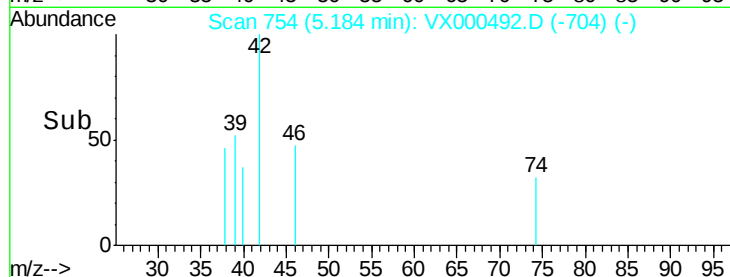
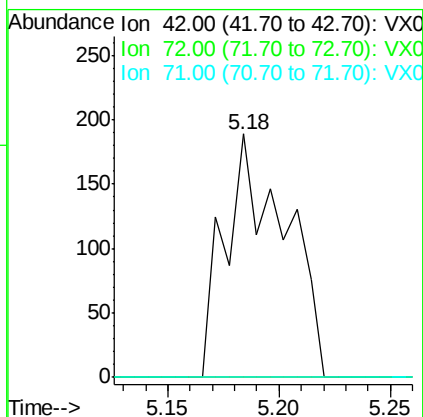
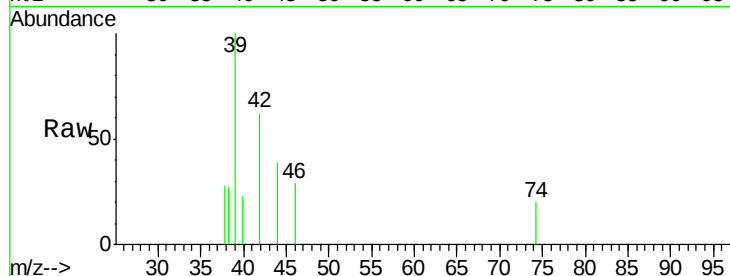




#29  
Tetrahydrofuran  
Concen: 0.50 ug/l  
RT: 5.18 min Scan# 754  
Delta R.T. 0.01 min  
Lab File: VX000492.D  
Acq: 28 Mar 2018 16:43

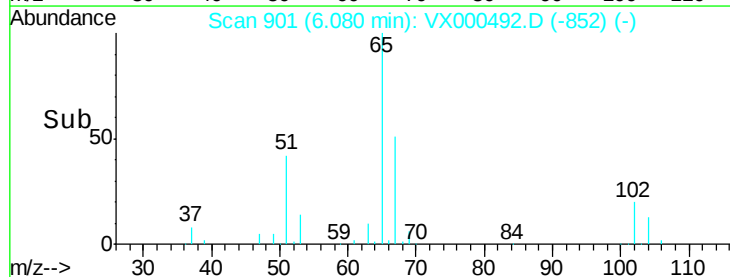
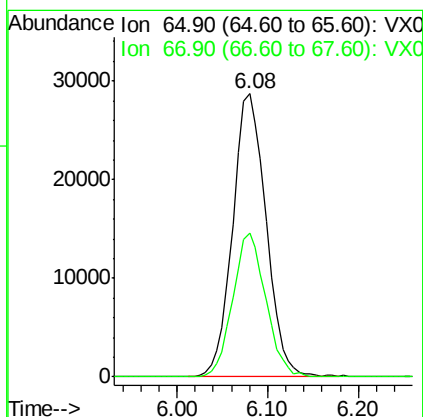
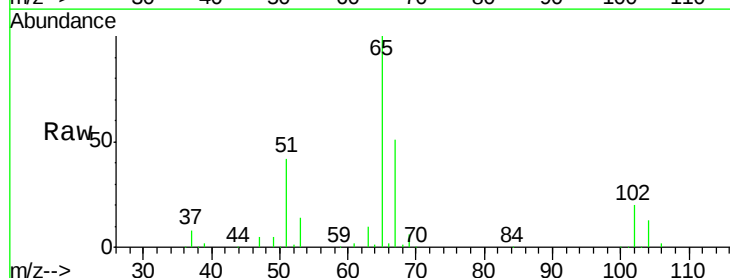
Instrument :  
MSVOA\_X  
ClientSampleId :  
JRS-RB201719RT-CV-2530

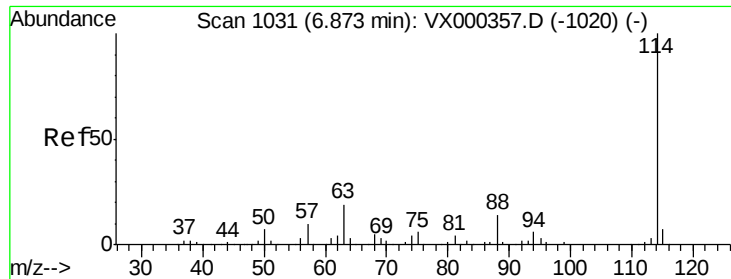
Tgt Ion: 42 Resp: 356  
Ion Ratio Lower Upper  
42 100  
72 0.0 37.9 56.9#  
71 0.0 34.4 51.6#



#33  
1,2-Dichloroethane-d4  
Concen: 58.97 ug/l  
RT: 6.08 min Scan# 901  
Delta R.T. -0.00 min  
Lab File: VX000492.D  
Acq: 28 Mar 2018 16:43

Tgt Ion: 65 Resp: 73463  
Ion Ratio Lower Upper  
65 100  
67 50.0 0.0 103.2

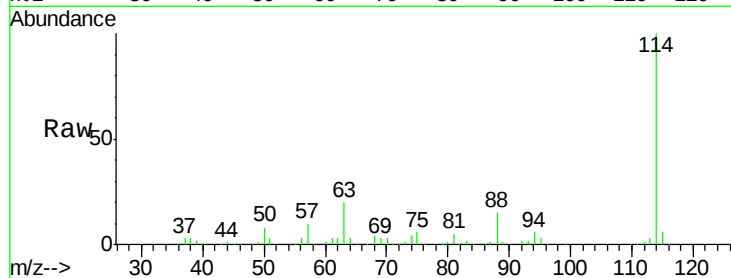




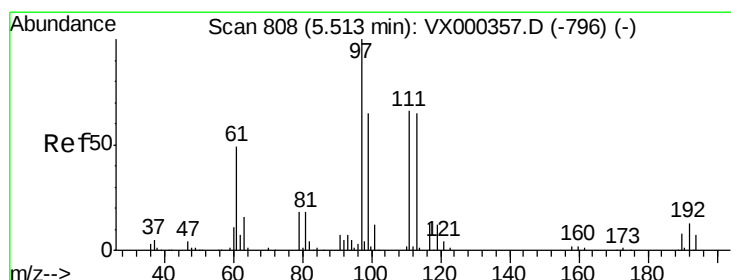
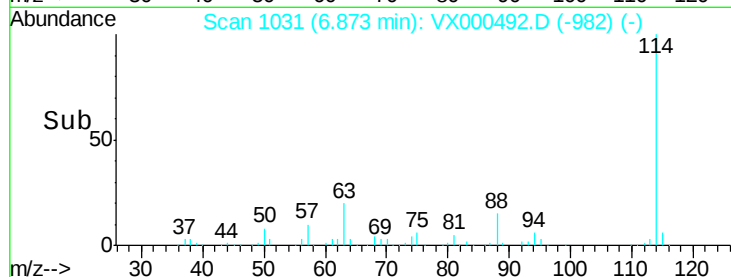
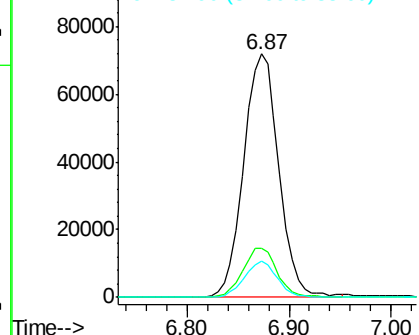
#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1031  
 Delta R.T. -0.00 min  
 Lab File: VX000492.D  
 Acq: 28 Mar 2018 16:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 JRS-RB201719RT-CV-2530

Tgt Ion:114 Resp: 172182  
 Ion Ratio Lower Upper  
 114 100  
 63 19.9 0.0 38.4  
 88 14.9 0.0 27.0

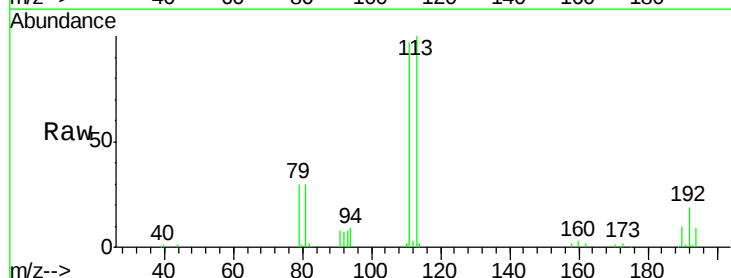


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VX  
 Ion 87.90 (87.60 to 88.60): VX

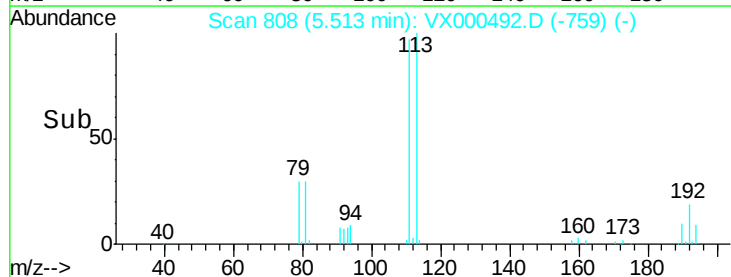
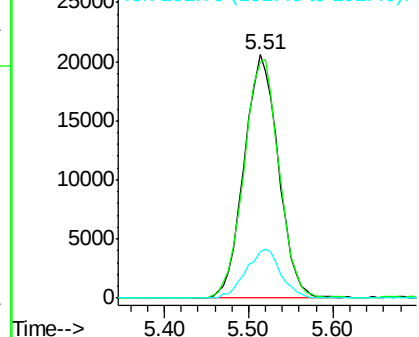


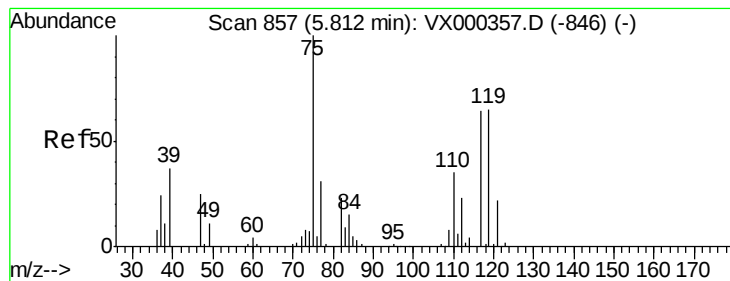
#35  
 Dibromofluoromethane  
 Concen: 52.03 ug/l  
 RT: 5.51 min Scan# 808  
 Delta R.T. -0.00 min  
 Lab File: VX000492.D  
 Acq: 28 Mar 2018 16:43

Tgt Ion:113 Resp: 56451  
 Ion Ratio Lower Upper  
 113 100  
 111 100.5 82.4 123.6  
 192 20.5 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.47 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.14 min

Lab File: VX000492.D

Acq: 28 Mar 2018 16:43

Instrument :

MSVOA\_X

ClientSampleId :

JRS-RB201719RT-CV-2530

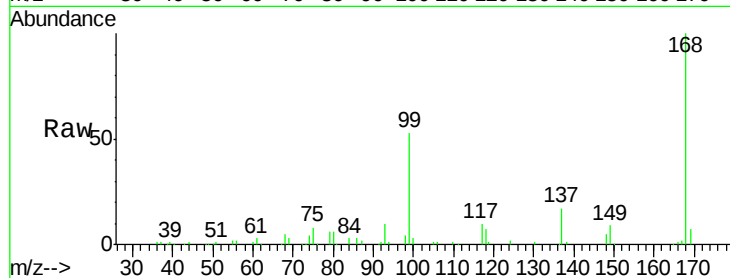
Tgt Ion: 75 Resp: 7216

Ion Ratio Lower Upper

75 100

110 10.8 17.9 53.7#

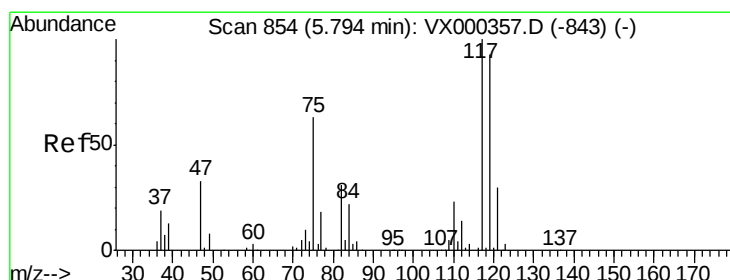
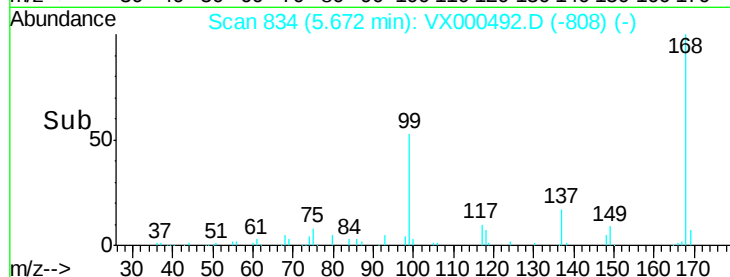
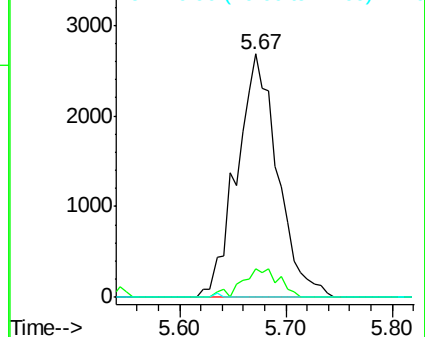
77 0.0 24.0 36.0#



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: 5.66 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.12 min

Lab File: VX000492.D

Acq: 28 Mar 2018 16:43

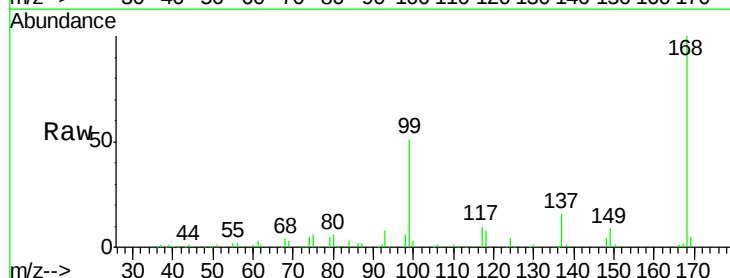
Tgt Ion: 117 Resp: 9580

Ion Ratio Lower Upper

117 100

119 3.8 77.4 116.2#

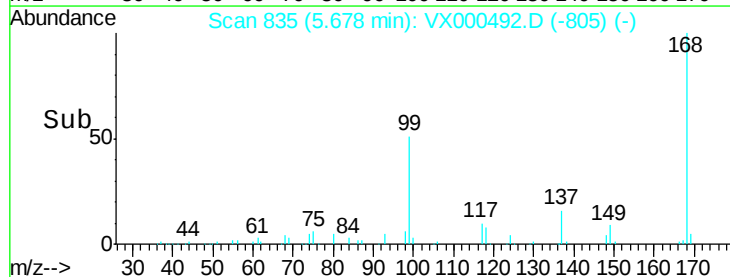
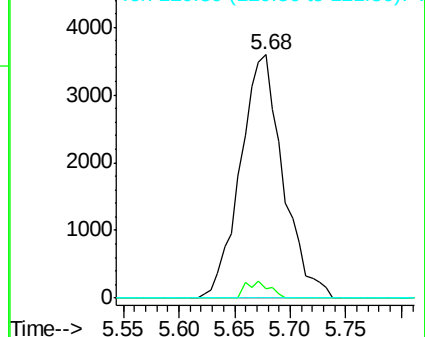
121 0.0 24.8 37.2#

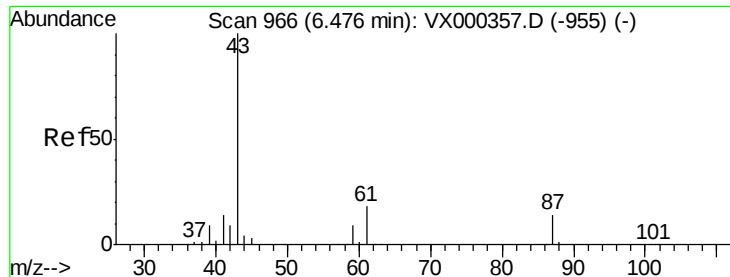


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 0.39 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000492.D

Acq: 28 Mar 2018 16:43

Instrument :

MSVOA\_X

ClientSampleId :

JRS-RB201719RT-CV-2530

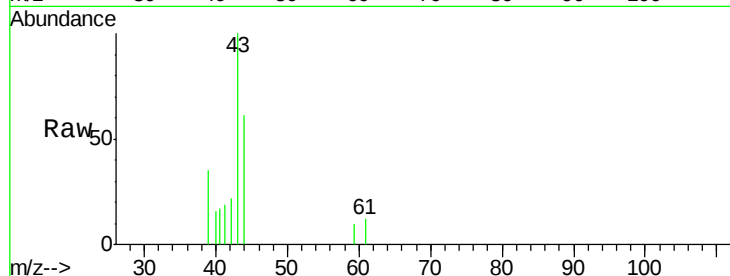
Tgt Ion: 43 Resp: 1263

Ion Ratio Lower Upper

43 100

61 11.9 14.4 21.6#

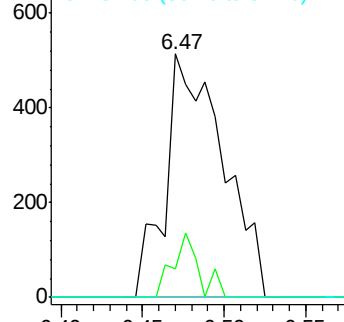
87 0.0 11.0 16.4#



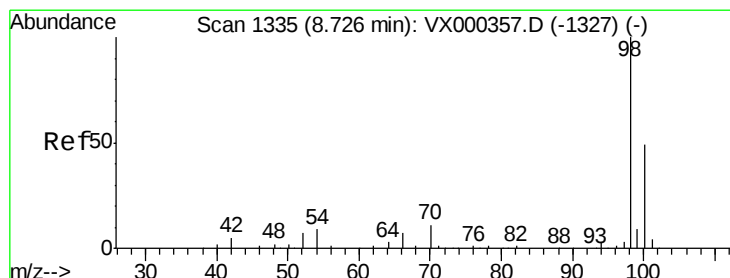
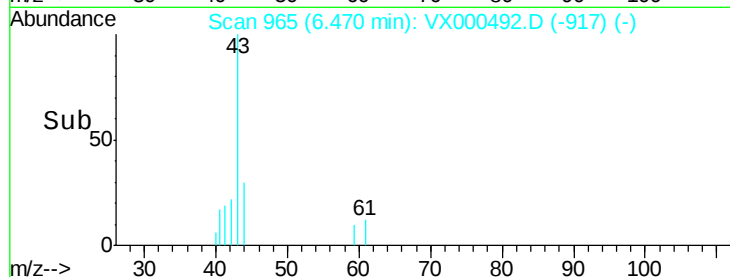
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time--> 6.40 6.45 6.50 6.55



#50

Toluene-d8

Concen: 49.28 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000492.D

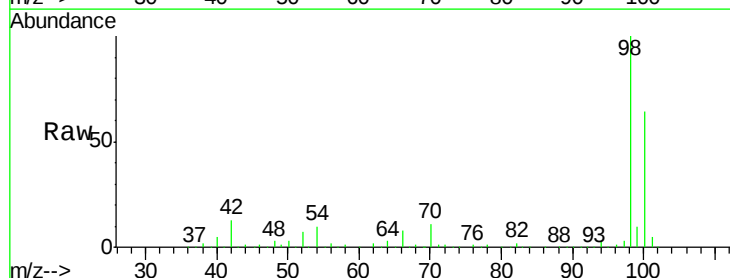
Acq: 28 Mar 2018 16:43

Tgt Ion: 98 Resp: 221442

Ion Ratio Lower Upper

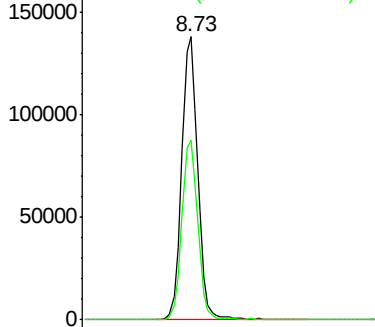
98 100

100 62.8 51.2 76.8

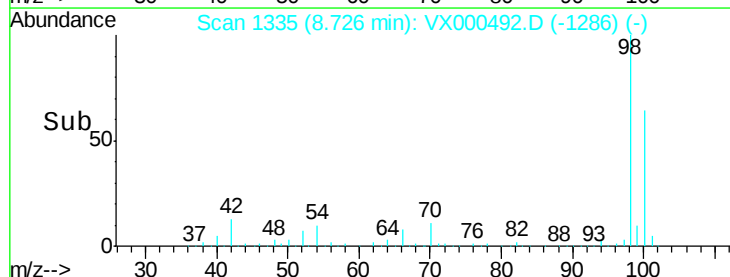


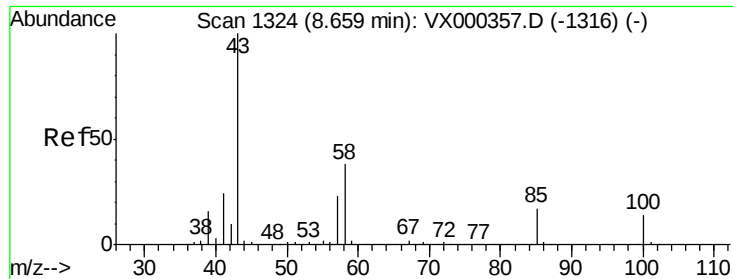
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time--> 8.60 8.70 8.80 8.90

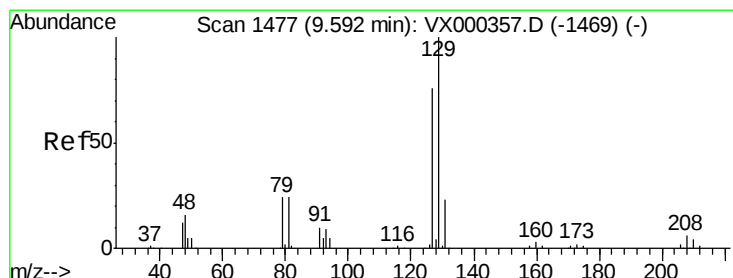
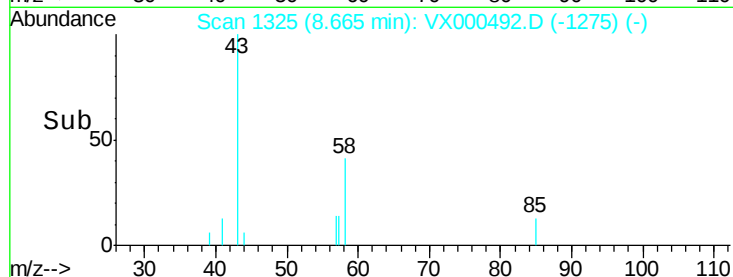
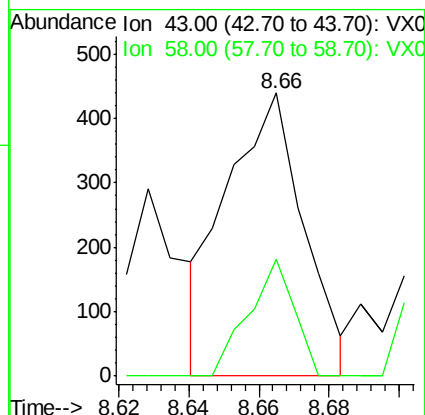
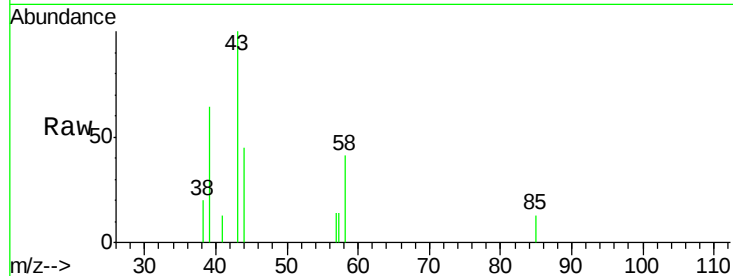




#51  
 4-Methyl-2-Pentanone  
 Concen: 0.26 ug/l  
 RT: 8.66 min Scan# 1325  
 Delta R.T. 0.01 min  
 Lab File: VX000492.D  
 Acq: 28 Mar 2018 16:43

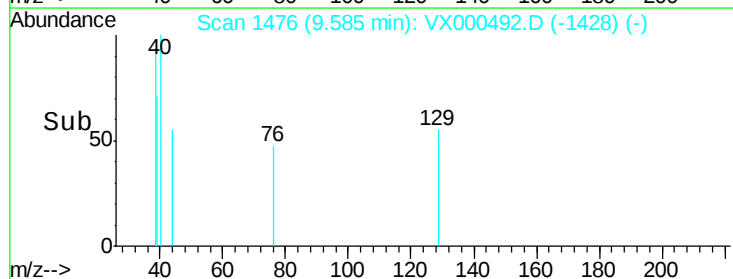
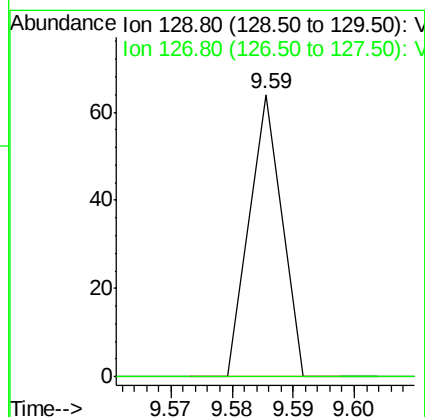
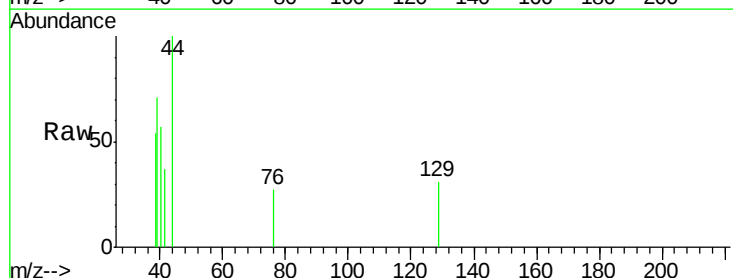
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 JRS-RB201719RT-CV-2530

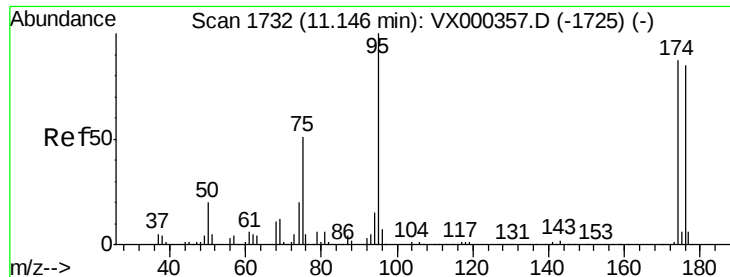
Tgt Ion: 43 Resp: 672  
 Ion Ratio Lower Upper  
 43 100  
 58 24.4 30.3 45.5#



#60  
 Dibromochloromethane  
 Concen: 4.13 ug/l  
 RT: 9.59 min Scan# 1476  
 Delta R.T. -0.01 min  
 Lab File: VX000492.D  
 Acq: 28 Mar 2018 16:43

Tgt Ion: 129 Resp: 23  
 Ion Ratio Lower Upper  
 129 100  
 127 0.0 37.9 113.6#





#62

4-Bromofluorobenzene

Concen: 40.34 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000492.D

Acq: 28 Mar 2018 16:43

Instrument :

MSVOA\_X

ClientSampleId :

JRS-RB201719RT-CV-2530

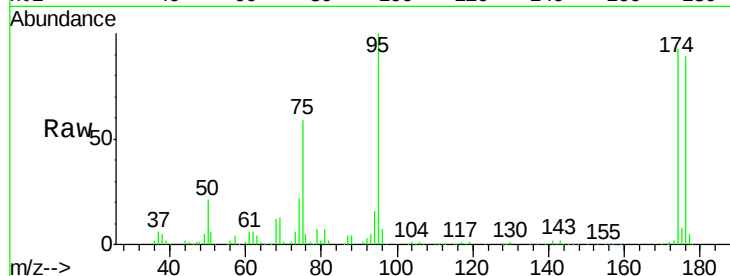
Tgt Ion: 95 Resp: 74005

Ion Ratio Lower Upper

95 100

174 92.0 0.0 173.6

176 87.7 0.0 164.6

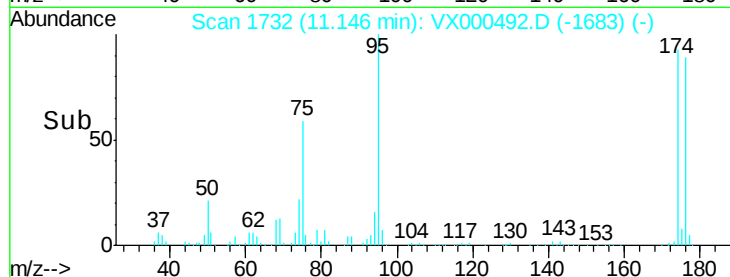


Abundance Ion 94.90 (94.60 to 95.60): VX000492.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000492.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000492.D (-1683) (-)

Time-->



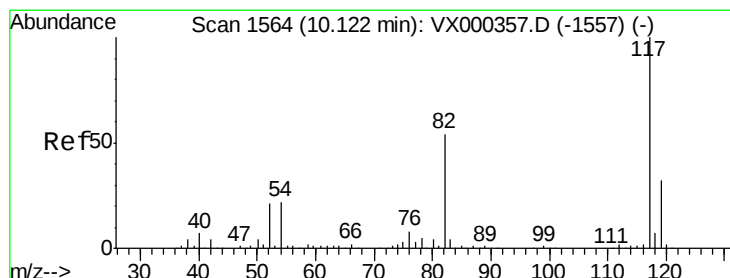
Abundance

Ion 94.90 (94.60 to 95.60): VX000492.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000492.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000492.D (-1683) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000492.D

Acq: 28 Mar 2018 16:43

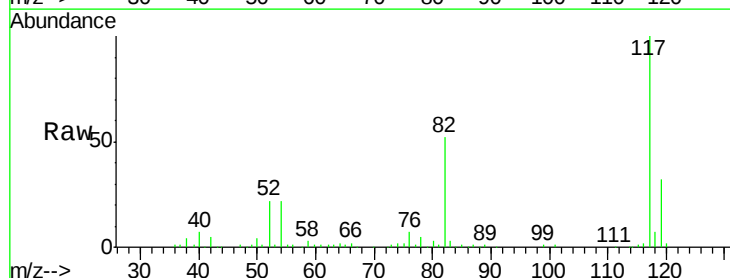
Tgt Ion: 117 Resp: 170615

Ion Ratio Lower Upper

117 100

82 51.9 43.8 65.8

119 32.0 24.9 37.3

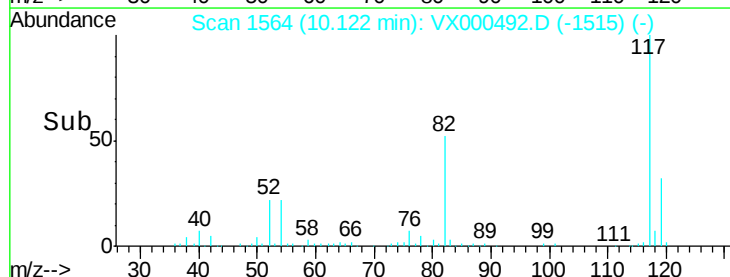


Abundance Ion 116.90 (116.60 to 117.60): VX000492.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000492.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000492.D (-1515) (-)

Time-->



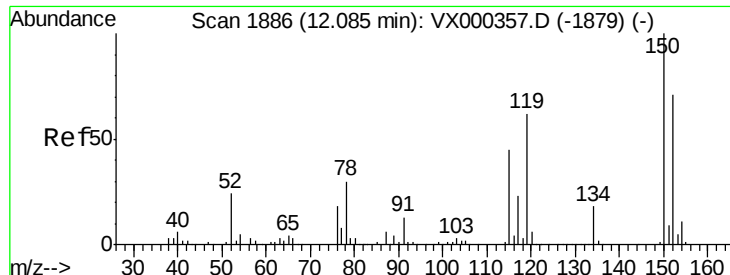
Abundance

Ion 116.90 (116.60 to 117.60): VX000492.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000492.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000492.D (-1515) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000492.D

Acq: 28 Mar 2018 16:43

Instrument :

MSVOA\_X

ClientSampleId :

JRS-RB201719RT-CV-2530

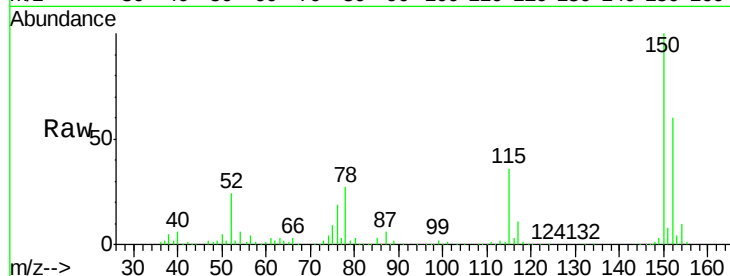
Tgt Ion:152 Resp: 85485

Ion Ratio Lower Upper

152 100

115 57.4 39.8 119.3

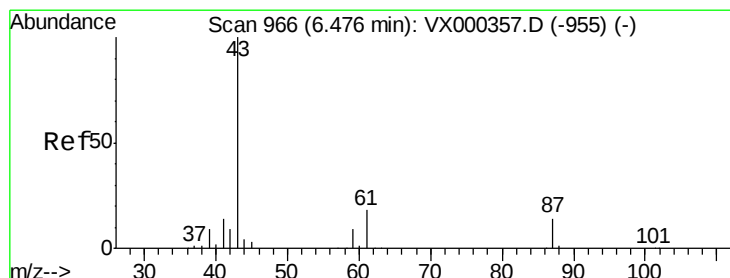
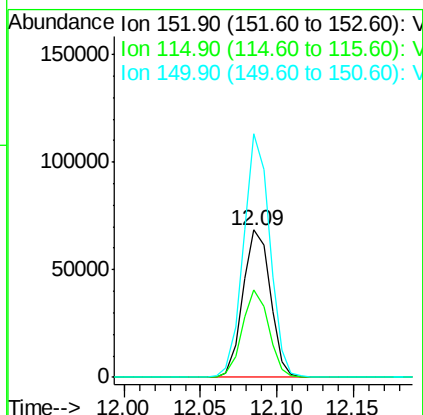
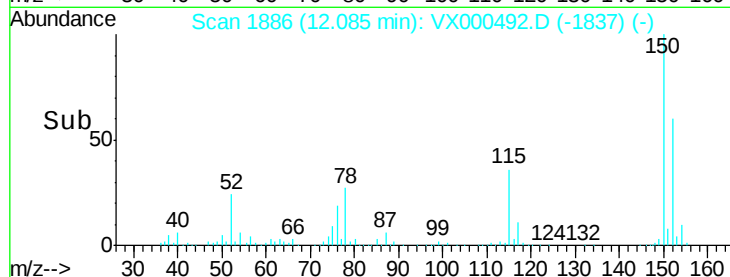
150 157.9 0.0 344.4



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



#74

N-amyl acetate

Concen: Below Cal

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000492.D

Acq: 28 Mar 2018 16:43

Tgt Ion: 43 Resp: 1263

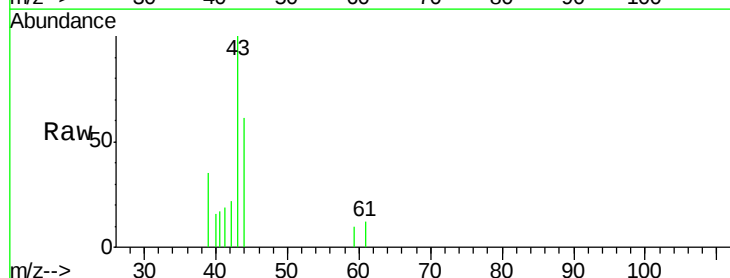
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 11.9 14.4 21.6#

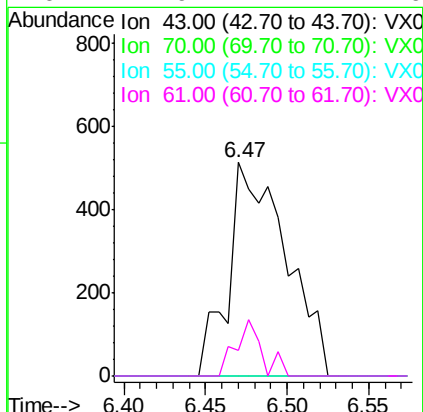
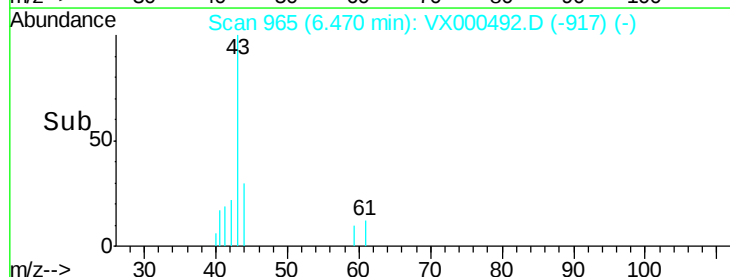


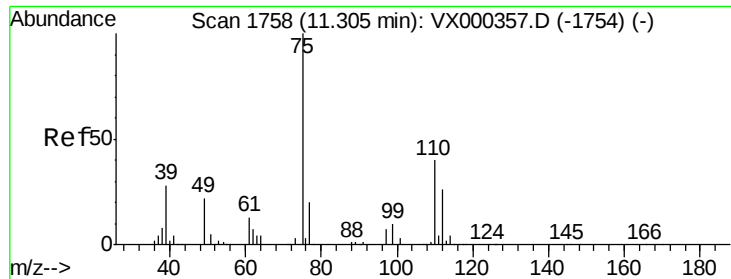
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

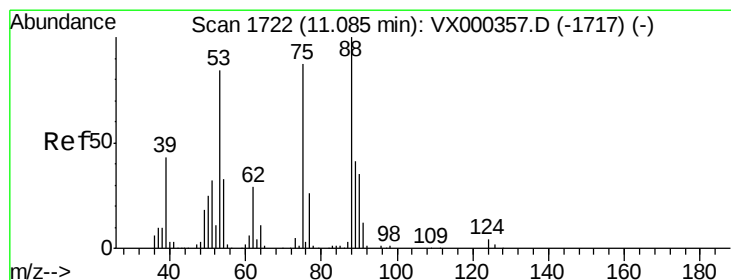
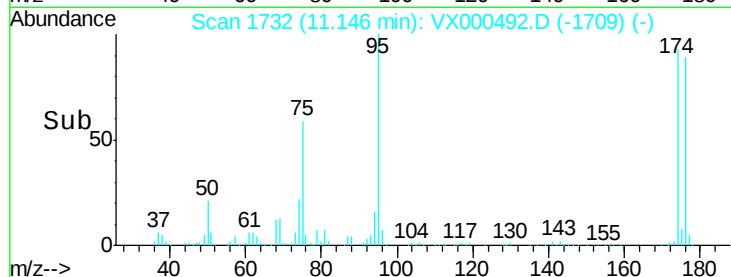
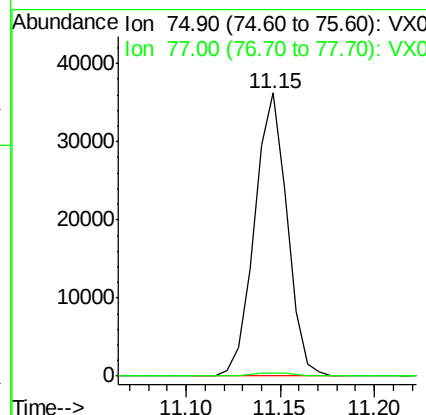
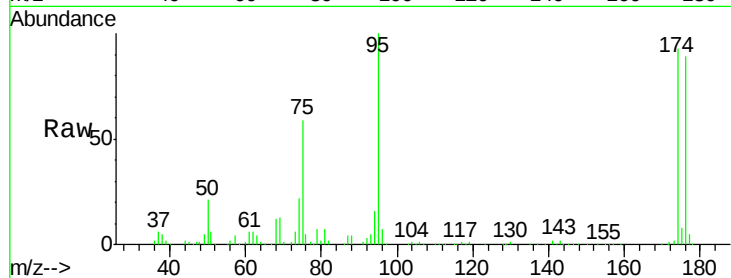




#76  
 1,2,3-Trichloropropane  
 Concen: 23.60 ug/l  
 RT: 11.15 min Scan# 1732  
 Delta R.T. -0.16 min  
 Lab File: VX000492.D  
 Acq: 28 Mar 2018 16:43

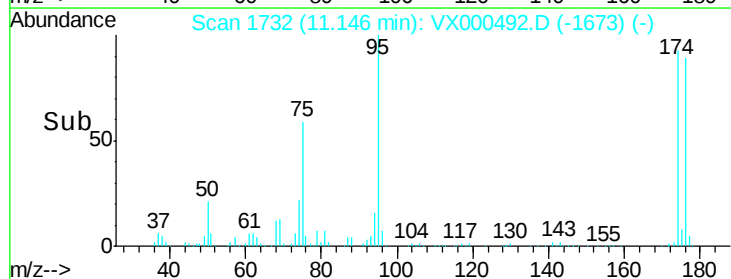
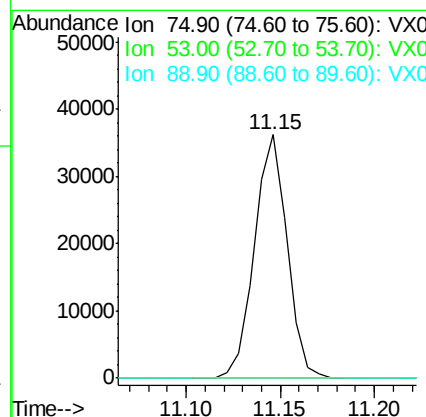
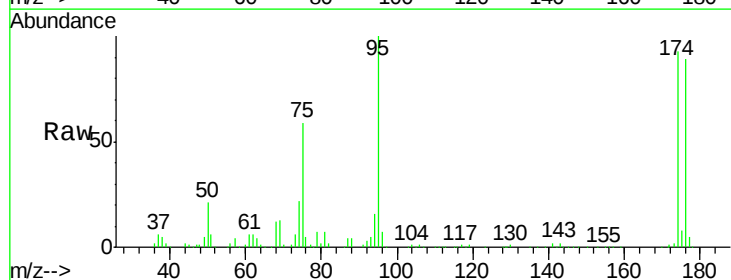
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 JRS-RB201719RT-CV-2530

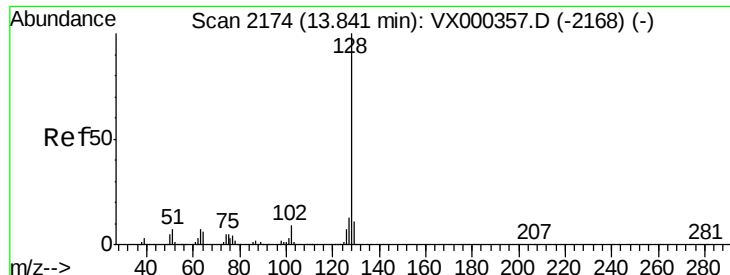
Tgt Ion: 75 Resp: 43361  
 Ion Ratio Lower Upper  
 75 100  
 77 1.4 21.4 64.2#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 76.41 ug/l  
 RT: 11.15 min Scan# 1732  
 Delta R.T. 0.06 min  
 Lab File: VX000492.D  
 Acq: 28 Mar 2018 16:43

Tgt Ion: 75 Resp: 43361  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 80.7 121.1#  
 89 0.0 39.4 59.0#





#95  
Naphthalene  
Concen: 2.56 ug/l  
RT: 13.84 min Scan# 2174  
Delta R.T. -0.00 min  
Lab File: VX000492.D  
Acq: 28 Mar 2018 16:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
JRS-RB201719RT-CV-2530

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.3  | 10.6  | 15.8  |
| 129     | 10.6  | 8.9   | 13.3  |

