

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051320\  
 Data File : VX016174.D  
 Acq On : 13 May 2020 13:13  
 Operator : JC/SP  
 Sample : L2597-05  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS052MW349-200511

Quant Time: May 14 04:26:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:43:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 297085   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 489386   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 478587   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 245569   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 179859   | 46.01 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.02%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 144747   | 46.69 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.38%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 601715   | 50.37 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.74% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 238443   | 52.48 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.96% |          |

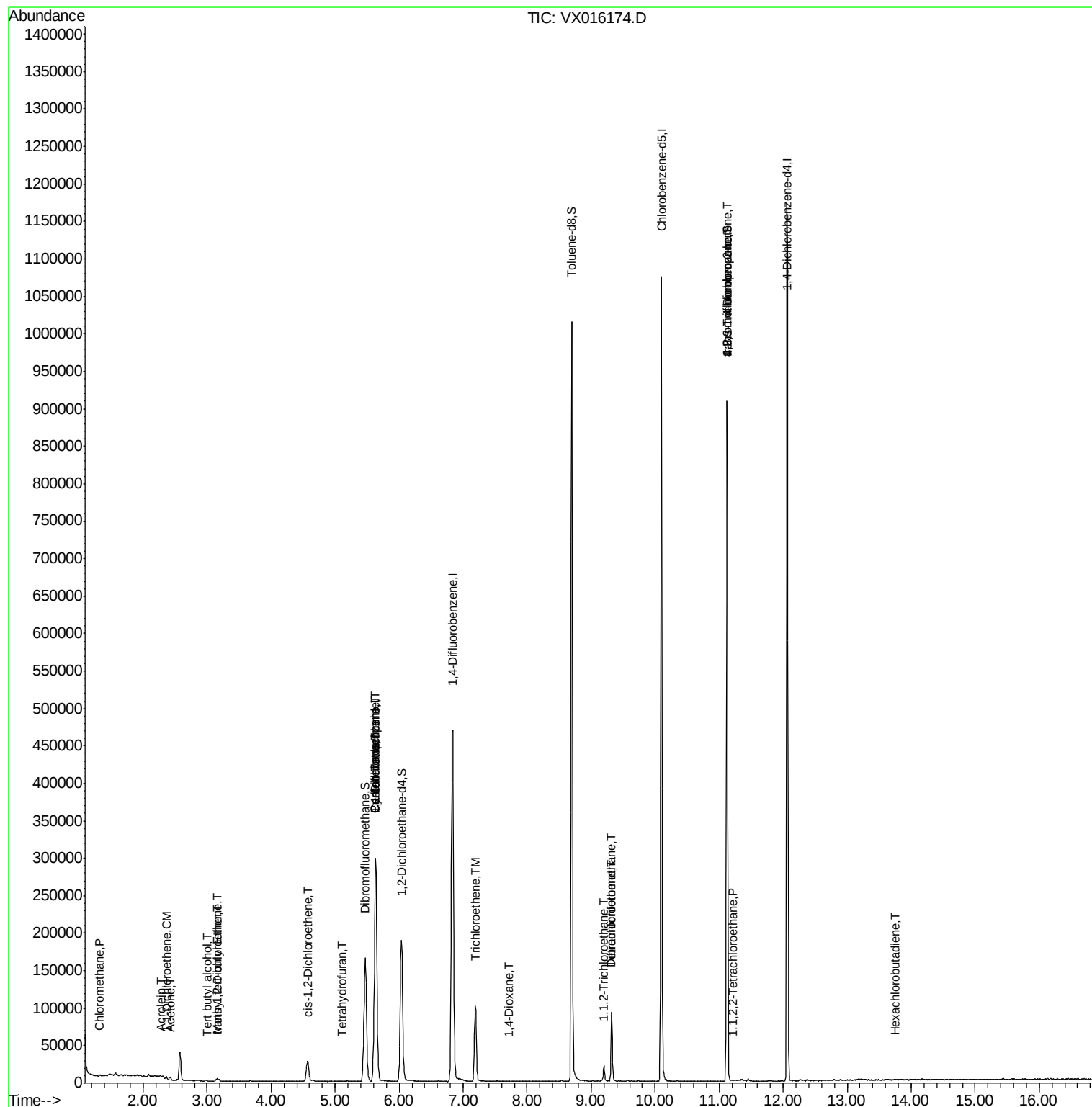
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.32  | 50   | 746      | 0.204     | ug/l # | 84     |
| 11) Tert butyl alcohol         | 3.01  | 59   | 351      | 0.355     | ug/l # | 72     |
| 12) 1,1-Dichloroethene         | 2.36  | 96   | 1176     | 0.381     | ug/l   | 81     |
| 13) Acrolein                   | 2.28  | 56   | 342      | 0.553     | ug/l # | 46     |
| 16) Acetone                    | 2.42  | 43   | 3843     | 2.203     | ug/l   | 92     |
| 17) Carbon Disulfide           | 2.55  | 76   | 1530     | Below Cal | #      | 84     |
| 19) Methyl tert-butyl Ether    | 3.17  | 73   | 2839     | 0.267     | ug/l # | 81     |
| 21) trans-1,2-Dichloroethene   | 3.15  | 96   | 970      | 0.282     | ug/l # | 79     |
| 27) cis-1,2-Dichloroethene     | 4.56  | 96   | 17302    | 4.599     | ug/l   | 89     |
| 29) Tetrahydrofuran            | 5.10  | 42   | 441      | 0.237     | ug/l # | 36     |
| 31) Cyclohexane                | 5.63  | 56   | 5410     | 0.996     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 5.63  | 75   | 21253    | 4.412     | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 5.63  | 117  | 28142    | 5.747     | ug/l # | 15     |
| 44) Trichloroethene            | 7.19  | 130  | 39412    | 7.871     | ug/l   | 94     |
| 49) 1,4-Dioxane                | 7.71  | 88   | 25       | 0.247     | ug/l # | 1      |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 5472     | 1.583     | ug/l   | 95     |
| 60) Dibromochloromethane       | 9.32  | 129  | 17779    | 4.670     | ug/l # | 11     |
| 64) Tetrachloroethene          | 9.32  | 164  | 18745    | 3.190     | ug/l   | 95     |
| 75) 1,1,2,2-Tetrachloroethane  | 11.22 | 83   | 23       | 2.056     | ug/l # | 26     |
| 76) 1,2,3-Trichloropropane     | 11.12 | 75   | 117963   | 21.169    | ug/l # | 35     |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75   | 117963   | 50.447    | ug/l # | 13     |
| 94) Hexachlorobutadiene        | 13.76 | 225  | 82       | 0.555     | ug/l # | 44     |

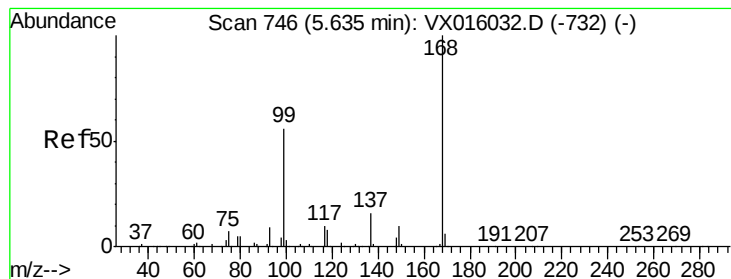
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051320\  
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Acq On : 13 May 2020 13:13  
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Sample : L2597-05  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
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SS052MW349-200511

Quant Time: May 14 04:26:37 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 06 06:43:32 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA\_X

ClientSampleId :

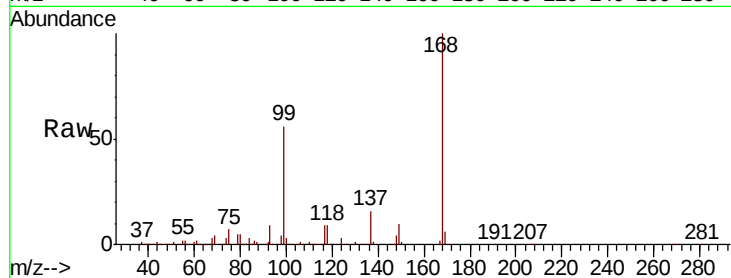
SS052MW349-200511

Tot Ion:168 Resp: 297085

Ion Ratio Lower Upper

168 100

99 55.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

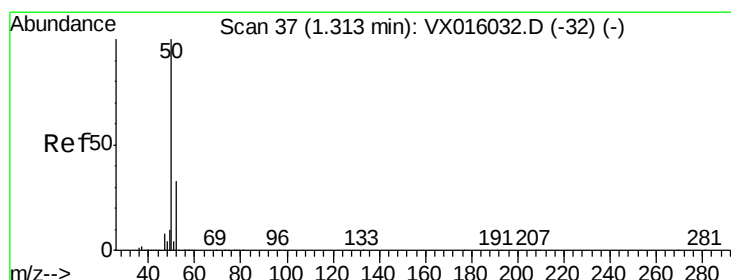
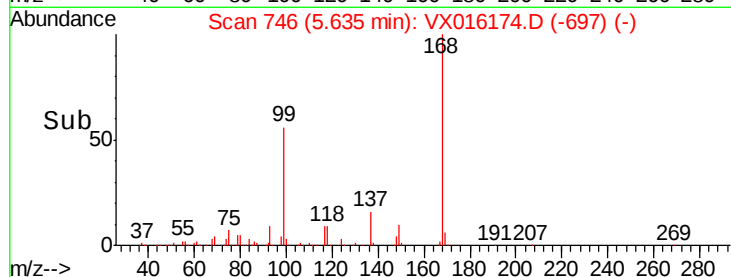
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.204 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016174.D

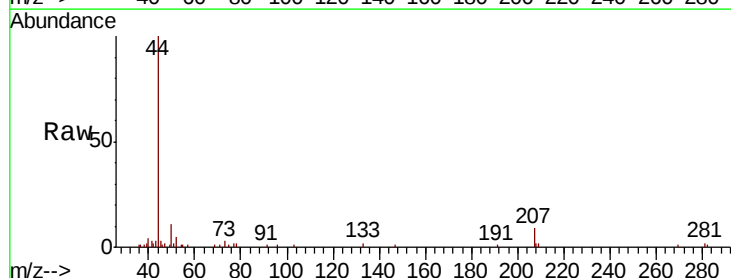
Acq: 13 May 2020 13:13

Tgt Ion: 50 Resp: 746

Ion Ratio Lower Upper

50 100

52 41.3 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

800

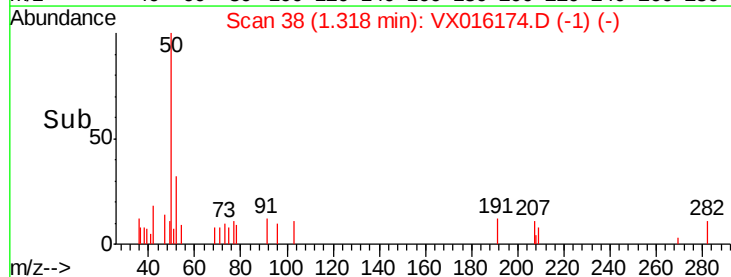
600

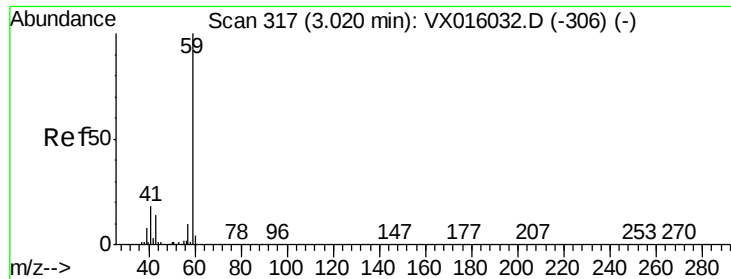
400

200

0

Time-->



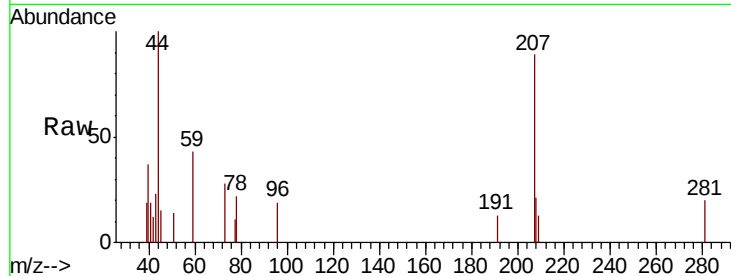


#11

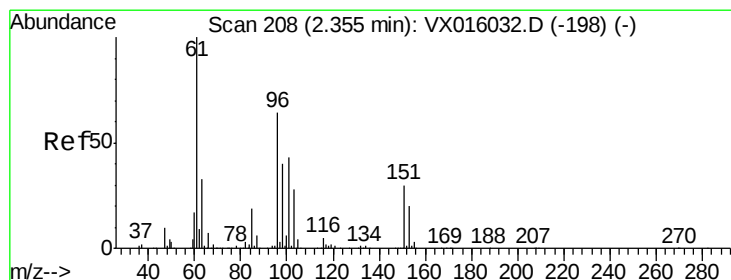
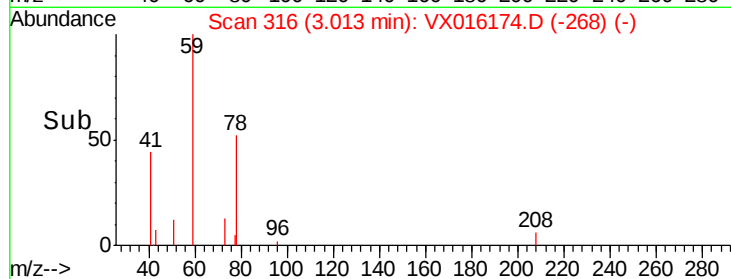
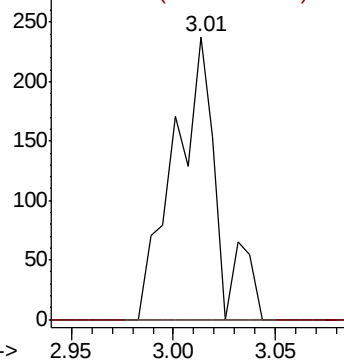
Tert butyl alcohol  
 Concen: 0.355 ug/l  
 RT: 3.01 min Scan# 316  
 Delta R.T. -0.01 min  
 Lab File: VX016174.D  
 Acq: 13 May 2020 13:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS052MW349-200511

Tot Ion: 59 Resp: 351  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.2 12.4#



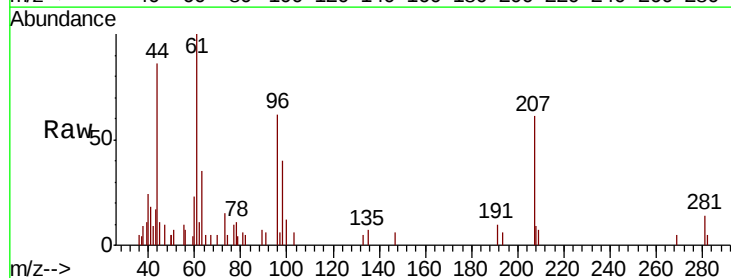
Abundance Ion 59.00 (58.70 to 59.70): VX0  
 Ion 57.00 (56.70 to 57.70): VX0



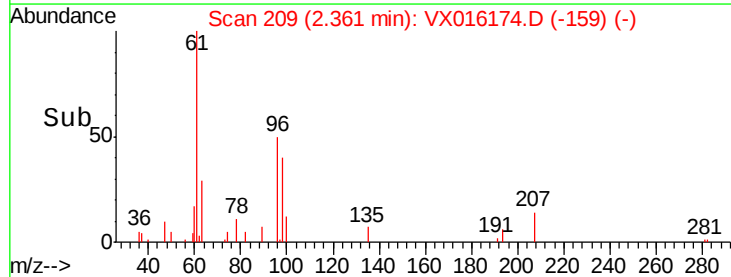
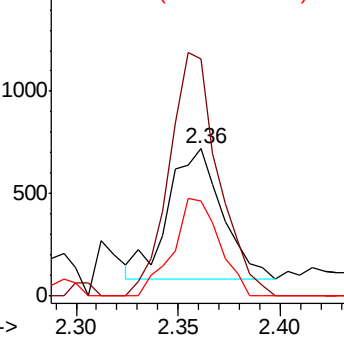
#12

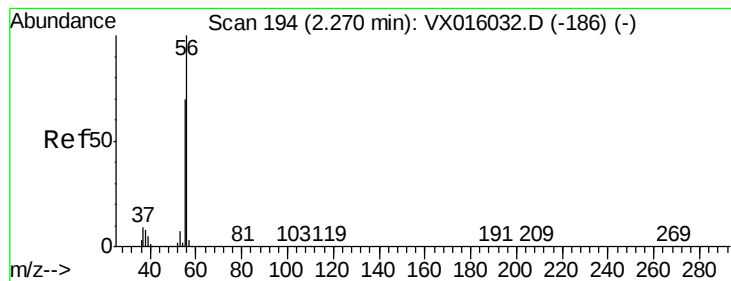
1,1-Dichloroethene  
 Concen: 0.381 ug/l  
 RT: 2.36 min Scan# 209  
 Delta R.T. 0.01 min  
 Lab File: VX016174.D  
 Acq: 13 May 2020 13:13

Tgt Ion: 96 Resp: 1176  
 Ion Ratio Lower Upper  
 96 100  
 61 182.7 124.8 187.2  
 98 72.8 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 0.553 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA\_X

ClientSampleId :

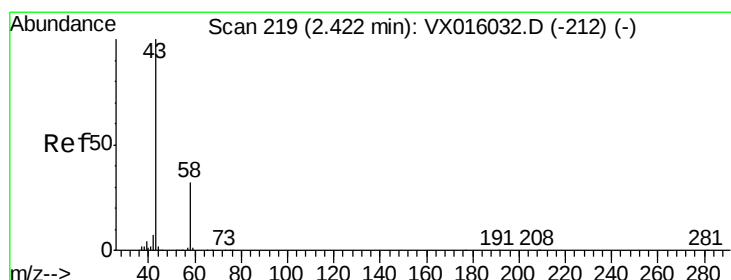
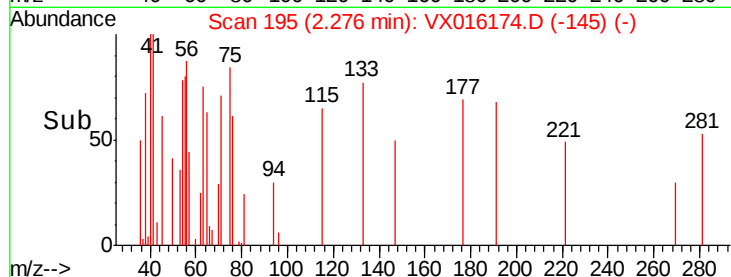
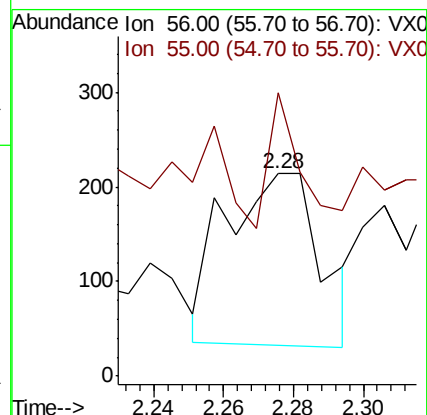
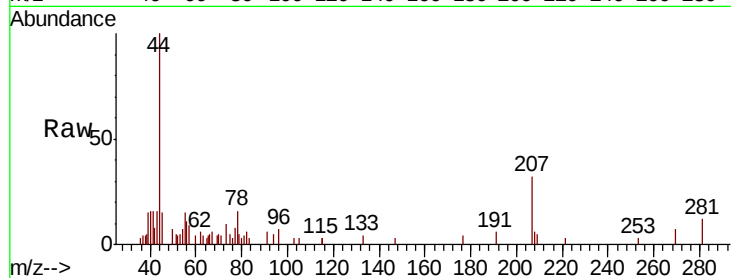
SS052MW349-200511

Tot Ion: 56 Resp: 342

Ion Ratio Lower Upper

56 100

55 26.3 56.5 84.7#



#16

Acetone

Concen: 2.203 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016174.D

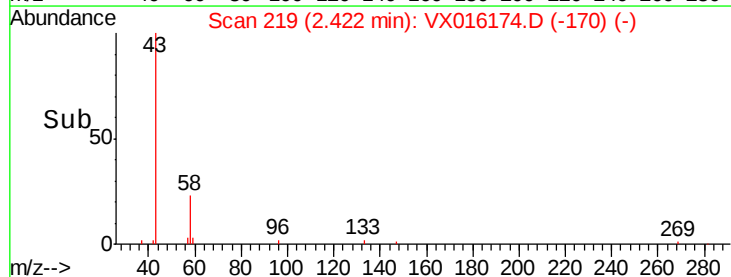
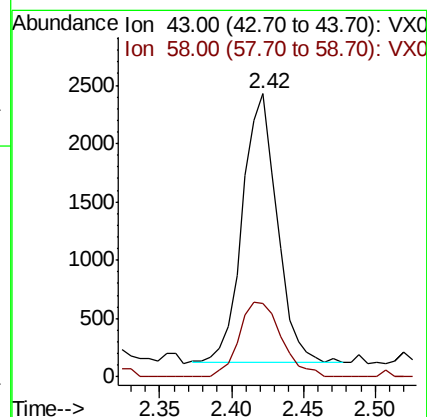
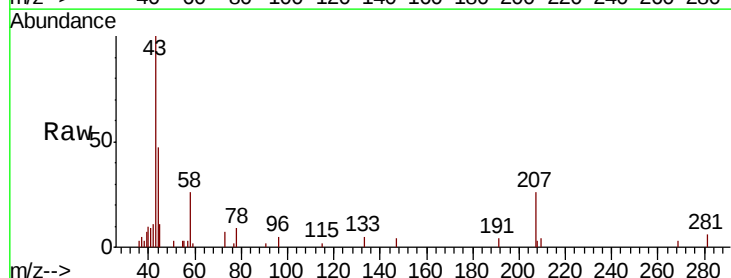
Acq: 13 May 2020 13:13

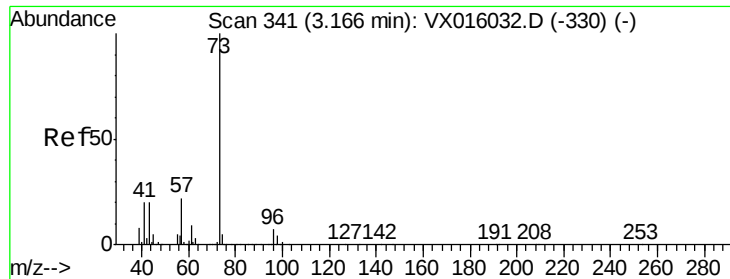
Tgt Ion: 43 Resp: 3843

Ion Ratio Lower Upper

43 100

58 27.5 25.4 38.0





#19

Methyl tert-butyl Ether

Concen: 0.267 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA\_X

ClientSampleId :

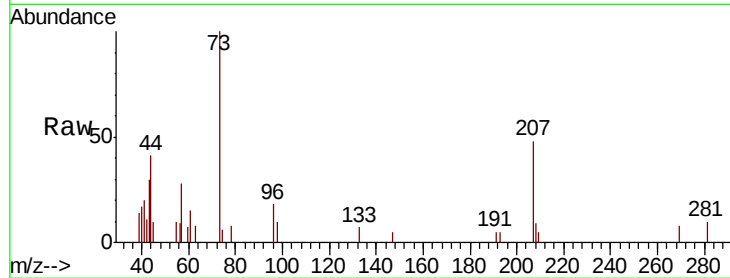
SS052MW349-200511

Tot Ion: 73 Resp: 2839

Ion Ratio Lower Upper

73 100

57 31.1 17.8 26.6#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

1500

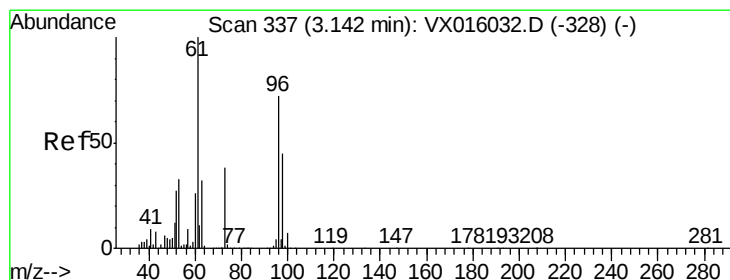
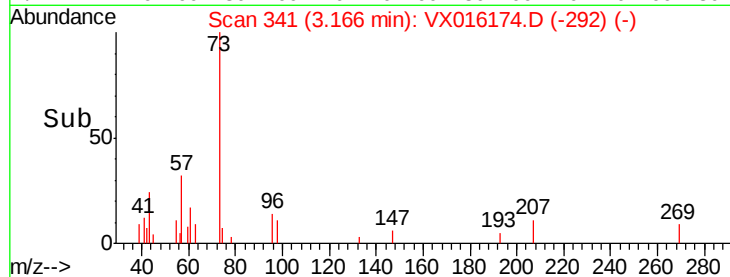
1000

500

0

3.10 3.20

Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.282 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

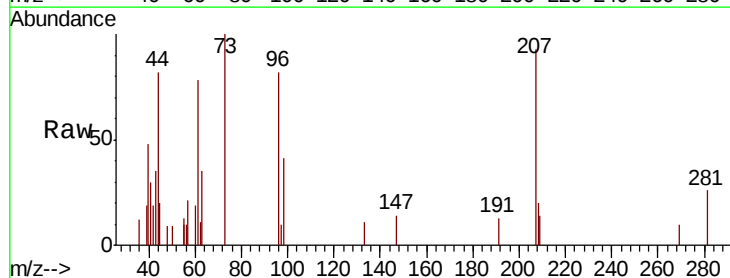
Tgt Ion: 96 Resp: 970

Ion Ratio Lower Upper

96 100

61 106.7 111.2 166.8#

98 55.2 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

600

500

400

300

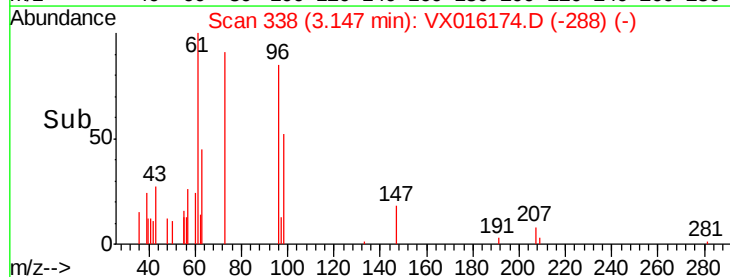
200

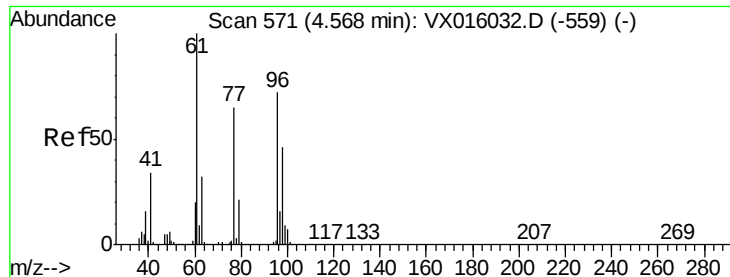
100

0

3.10 3.15 3.20

Time-->





#27

cis-1,2-Dichloroethene

Concen: 4.599 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA\_X

ClientSampleId :

SS052MW349-200511

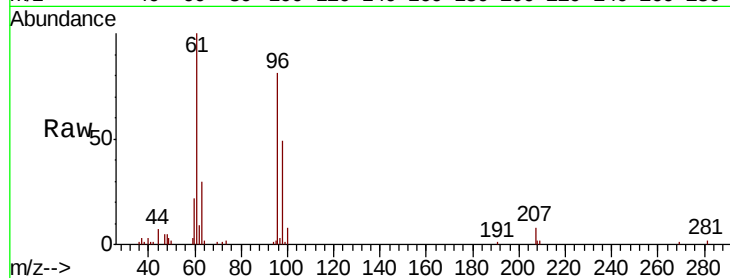
Tot Ion: 96 Resp: 17302

Ion Ratio Lower Upper

96 100

61 129.9 0.0 296.2

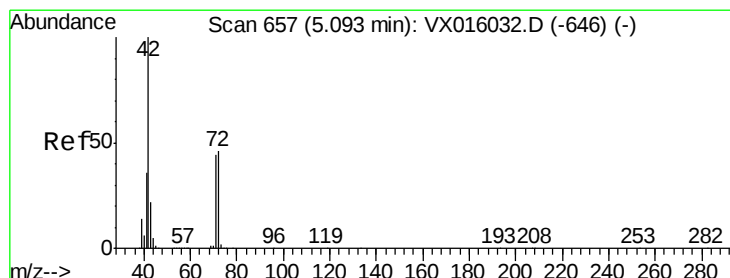
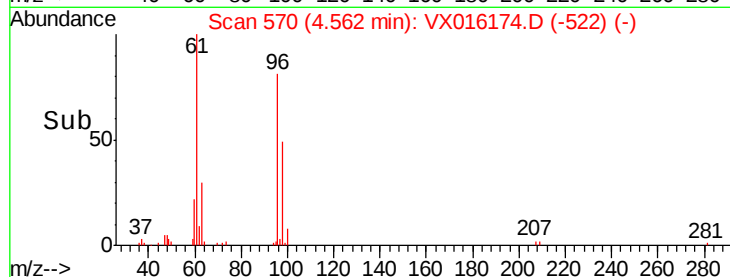
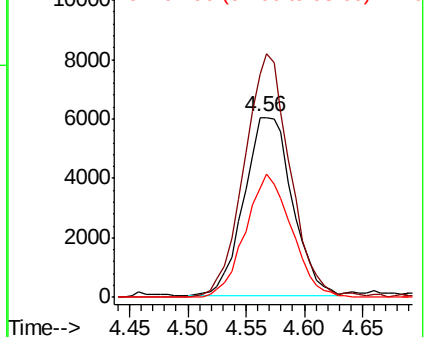
98 66.0 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#29

Tetrahydrofuran

Concen: 0.237 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

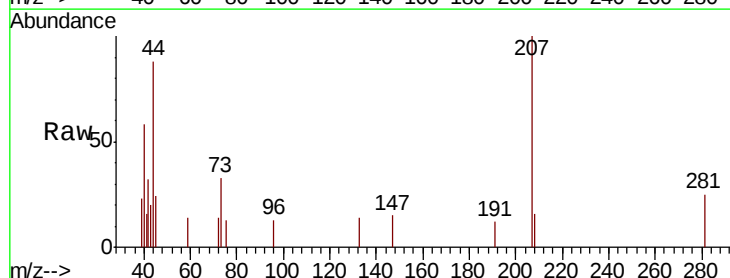
Tgt Ion: 42 Resp: 441

Ion Ratio Lower Upper

42 100

72 5.7 37.1 55.7#

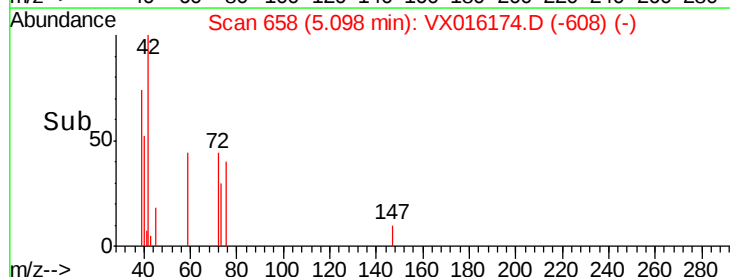
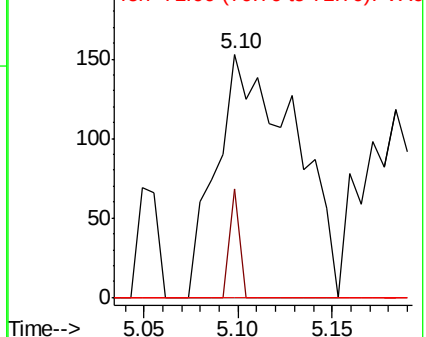
71 0.0 34.5 51.7#

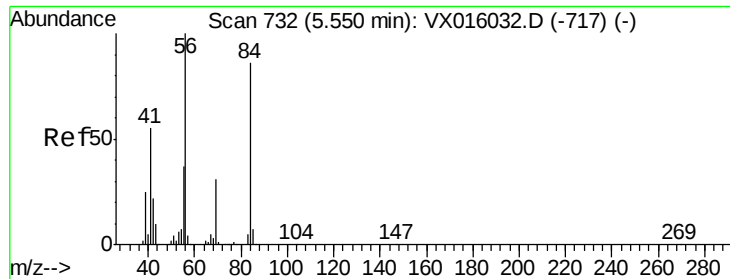


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

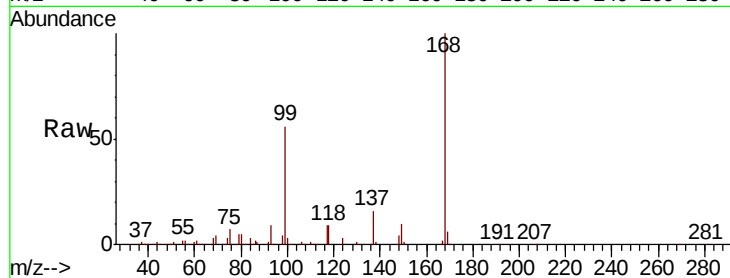




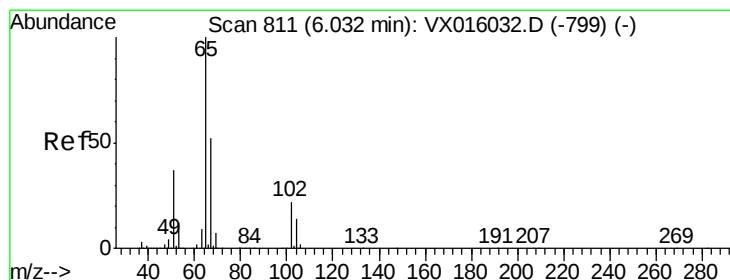
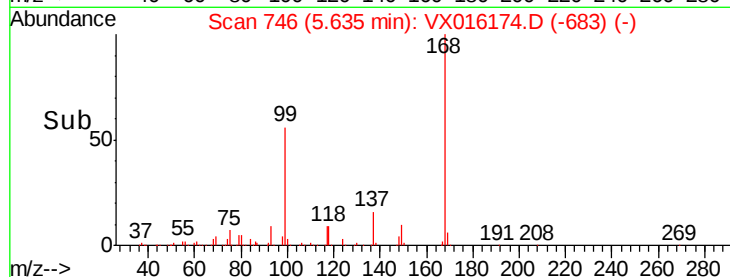
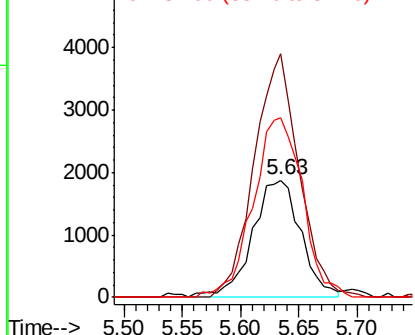
#31  
Cyclohexane  
Concen: 0.996 ug/l  
RT: 5.63 min Scan# 746  
Delta R.T. 0.08 min  
Lab File: VX016174.D  
Acq: 13 May 2020 13:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS052MW349-200511

Tot Ion: 56 Resp: 5410  
Ion Ratio Lower Upper  
56 100  
69 208.1 25.0 37.6#  
84 153.5 69.0 103.6#

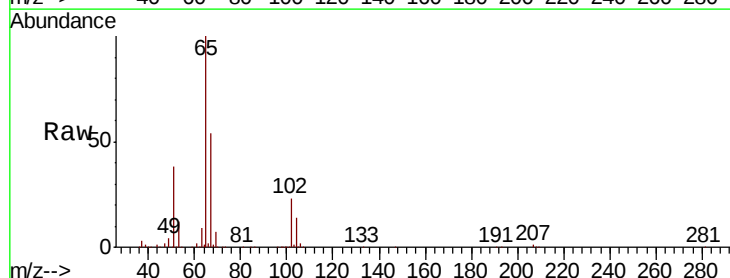


Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0

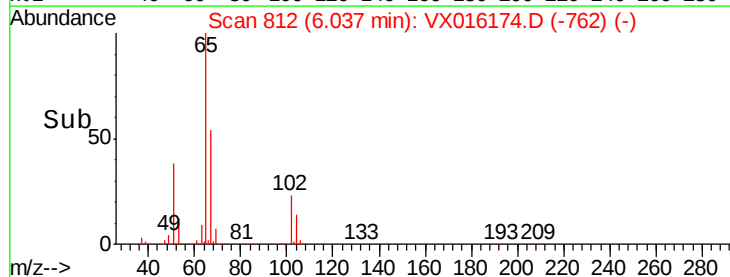
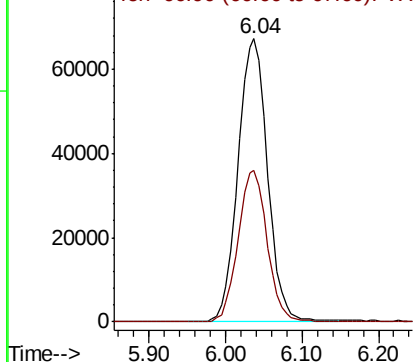


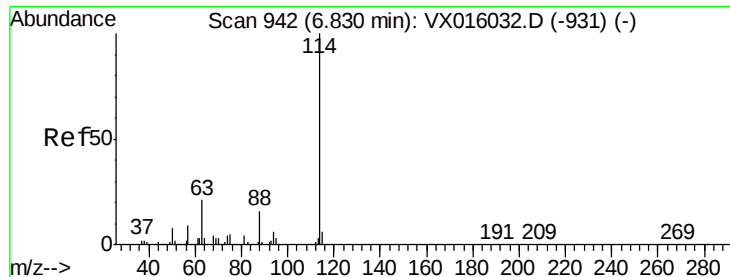
#33  
1,2-Dichloroethane-d4  
Concen: 46.008 ug/l  
RT: 6.04 min Scan# 812  
Delta R.T. 0.01 min  
Lab File: VX016174.D  
Acq: 13 May 2020 13:13

Tgt Ion: 65 Resp: 179859  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0  
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA\_X

ClientSampleId :

SS052MW349-200511

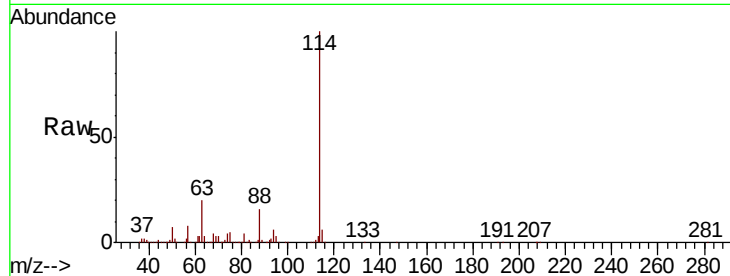
Tot Ion:114 Resp: 489386

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

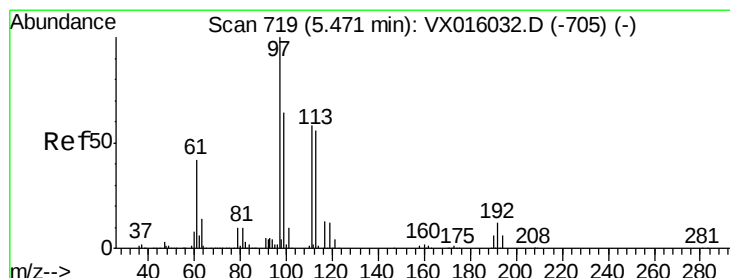
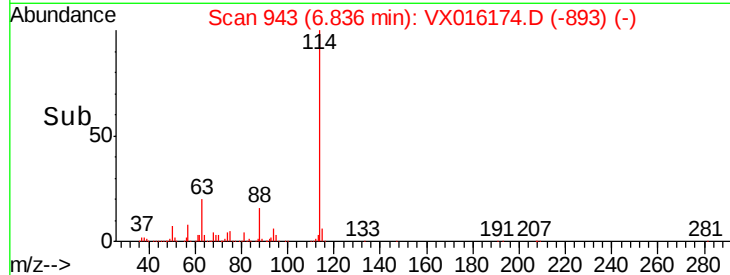
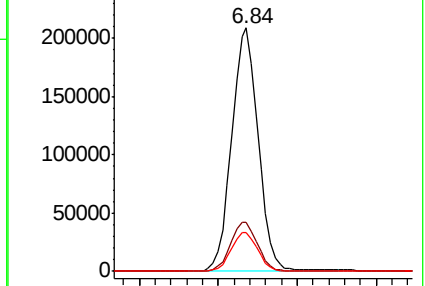
88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.685 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

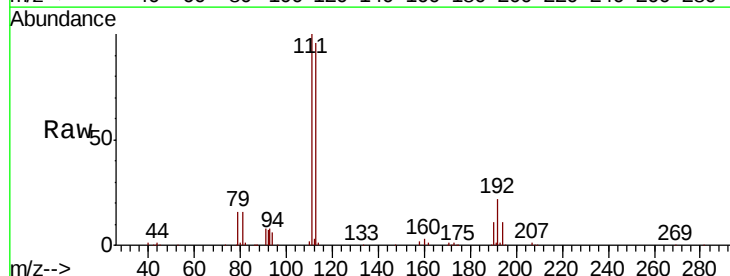
Tgt Ion:113 Resp: 144747

Ion Ratio Lower Upper

113 100

111 102.4 81.6 122.4

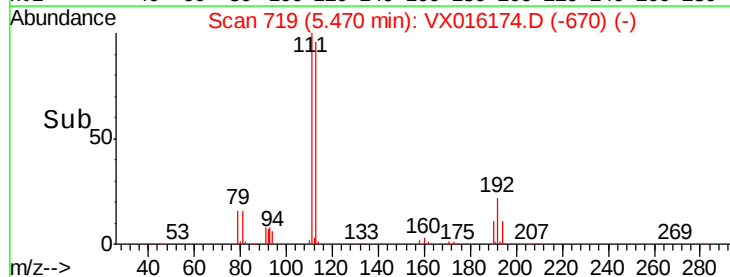
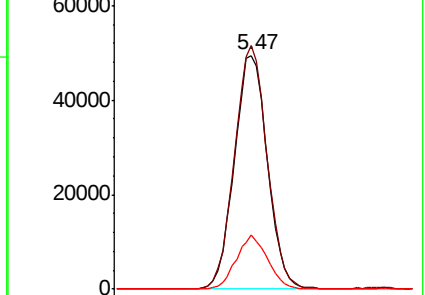
192 21.7 17.0 25.4

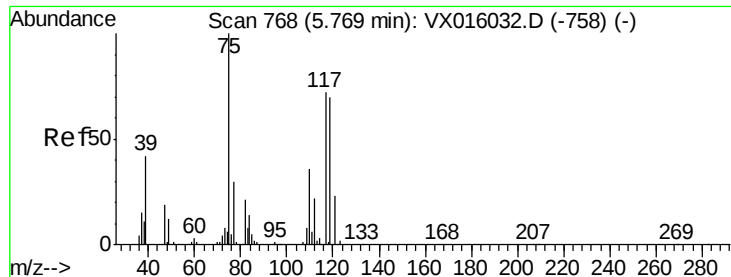


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

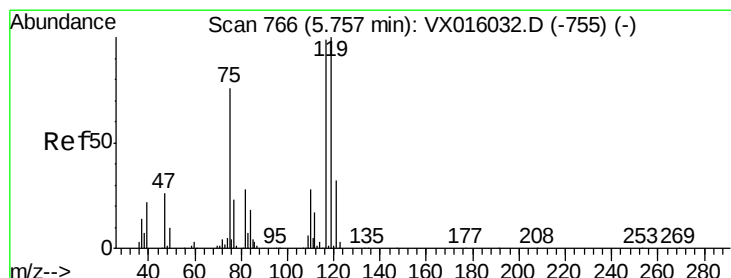
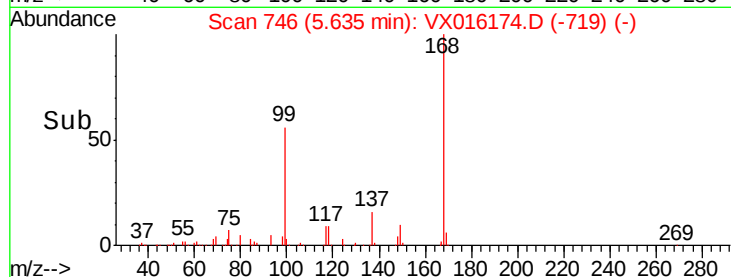
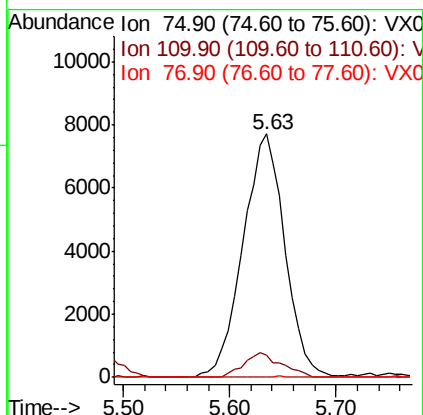
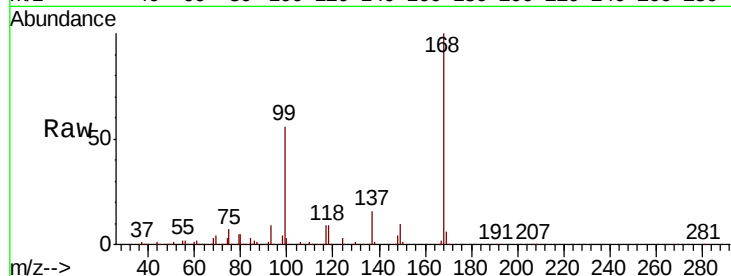




#36  
 1,1-Dichloropropene  
 Concen: 4.412 ug/l  
 RT: 5.63 min Scan# 746  
 Delta R.T. -0.13 min  
 Lab File: VX016174.D  
 Acq: 13 May 2020 13:13

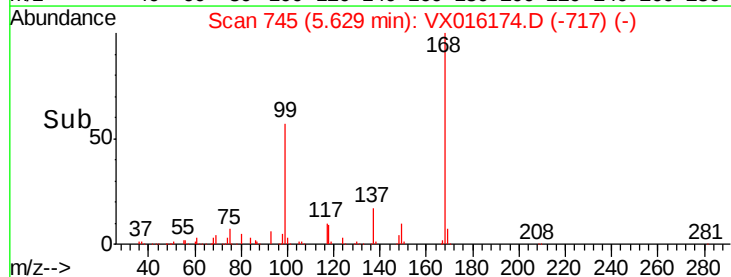
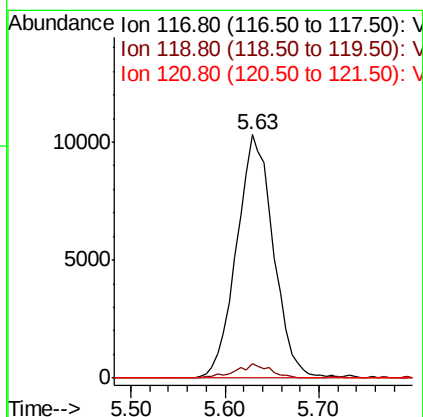
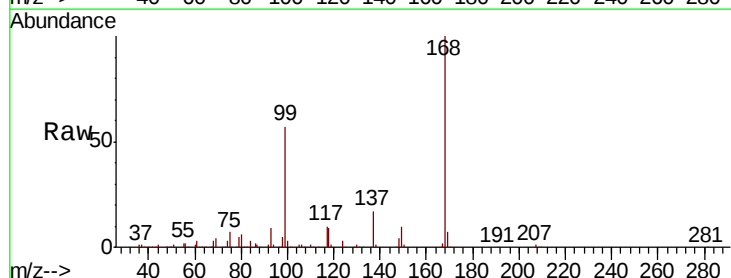
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS052MW349-200511

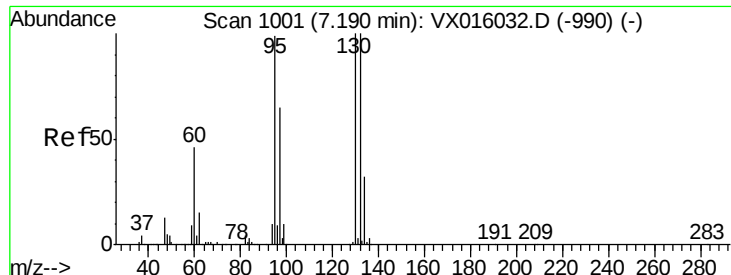
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 9.0   | 18.1  | 54.1# |
| 77      | 0.1   | 25.0  | 37.6# |



#38  
 Carbon Tetrachloride  
 Concen: 5.747 ug/l  
 RT: 5.63 min Scan# 745  
 Delta R.T. -0.13 min  
 Lab File: VX016174.D  
 Acq: 13 May 2020 13:13

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 5.9   | 80.3  | 120.5# |
| 121     | 0.0   | 25.7  | 38.5#  |





#44

Trichloroethene

Concen: 7.871 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA\_X

ClientSampleId :

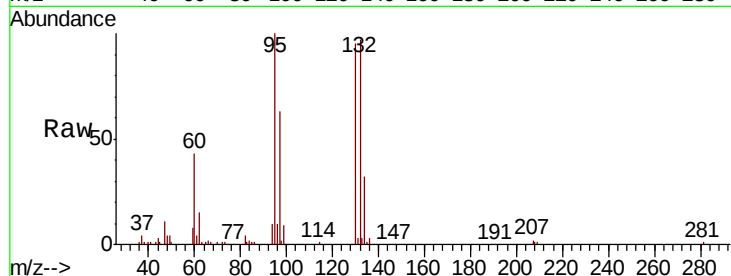
SS052MW349-200511

Tot Ion:130 Resp: 39412

Ion Ratio Lower Upper

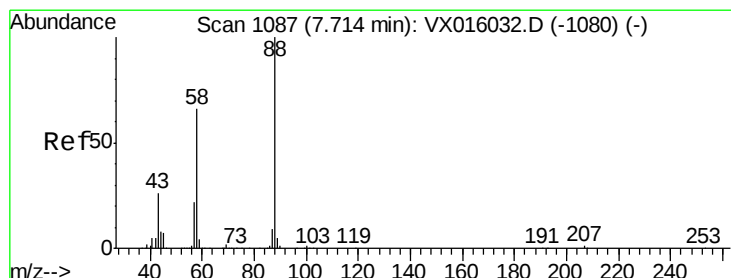
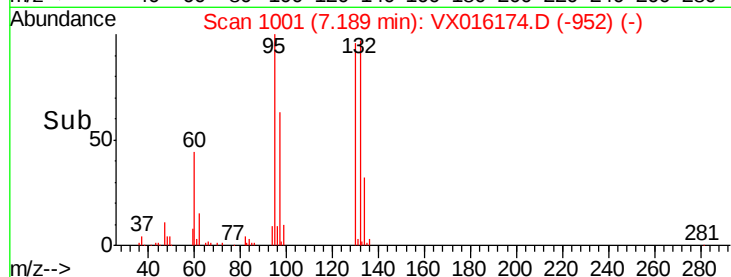
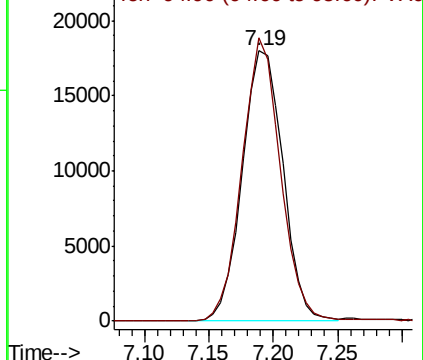
130 100

95 104.9 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 0.247 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

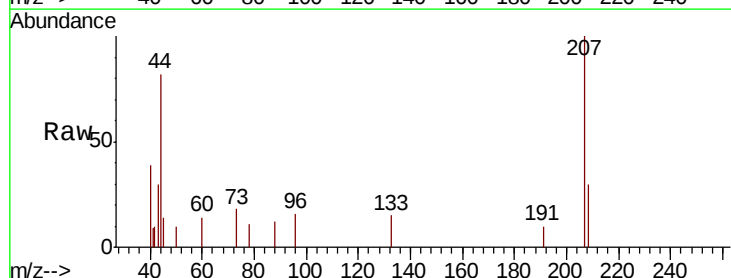
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

43 460.0 25.3 37.9#

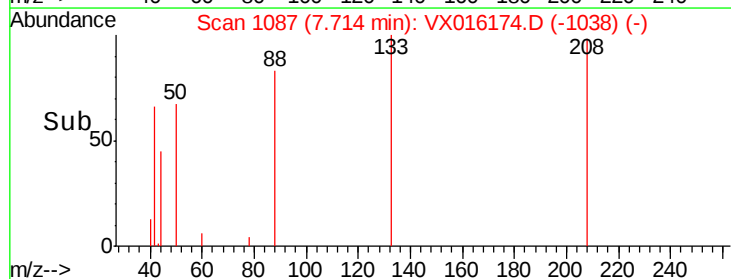
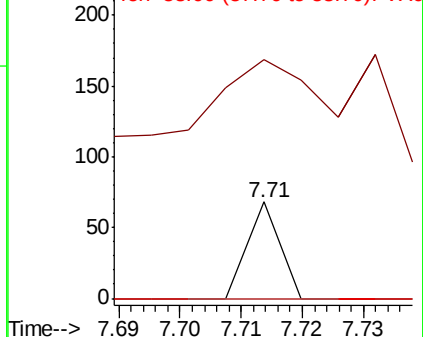
58 0.0 55.9 83.9#

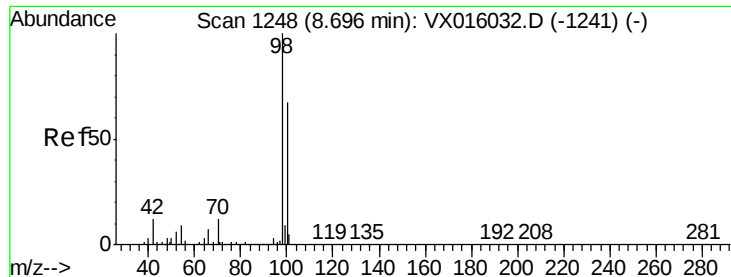


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.368 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA\_X

ClientSampleId :

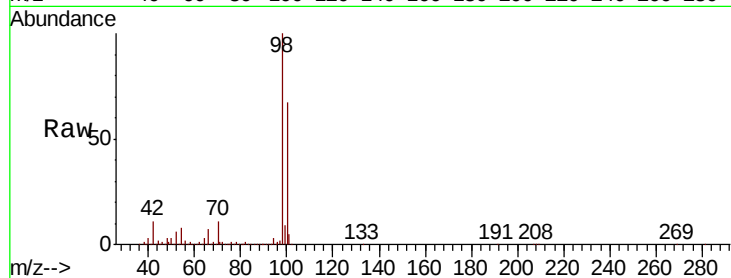
SS052MW349-200511

Tot Ion: 98 Resp: 601715

Ion Ratio Lower Upper

98 100

100 67.4 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

400000

300000

200000

100000

0

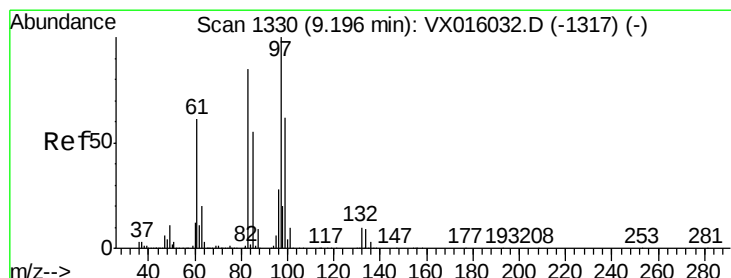
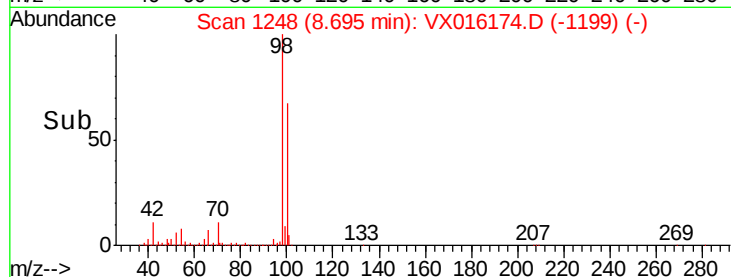
8.60

8.70

8.80

9.00

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.583 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Tgt Ion: 97 Resp: 5472

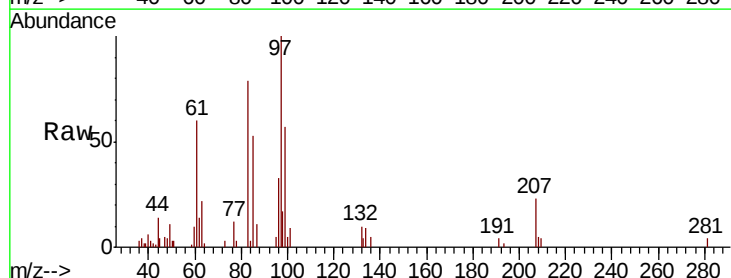
Ion Ratio Lower Upper

97 100

83 78.8 67.8 101.8

85 53.0 43.8 65.8

99 57.3 49.4 74.0



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5000

4000

3000

2000

1000

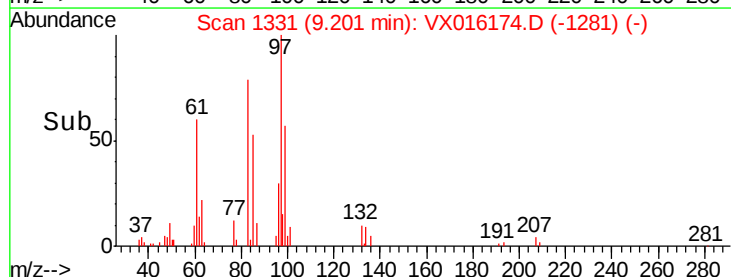
0

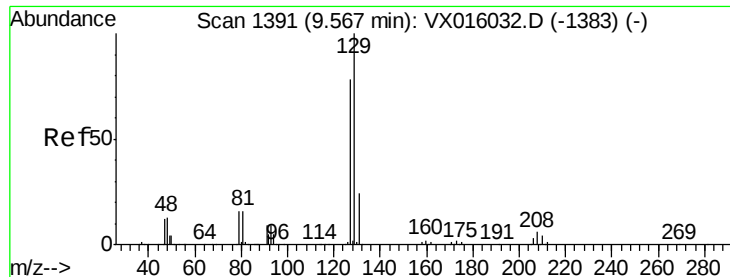
9.15

9.20

9.25

Time-->





#60

Dibromochloromethane

Concen: 4.670 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA\_X

ClientSampleId :

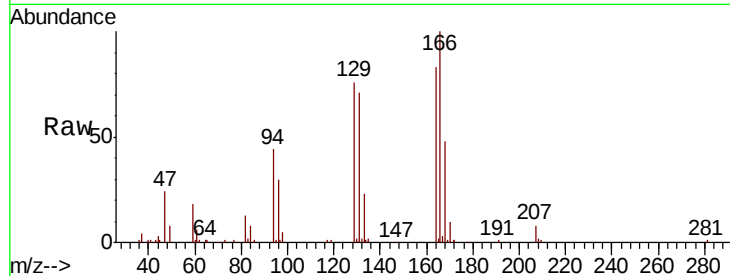
SS052MW349-200511

Tot Ion:129 Resp: 17779

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.32

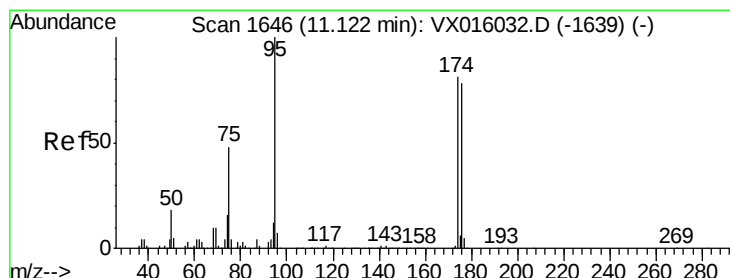
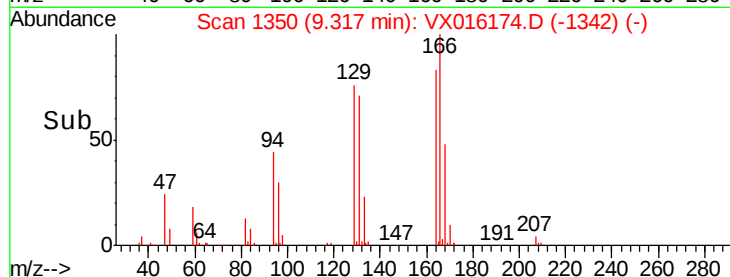
10000

5000

0

Time-->

9.25 9.30 9.35 9.40



#62

4-Bromofluorobenzene

Concen: 52.476 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

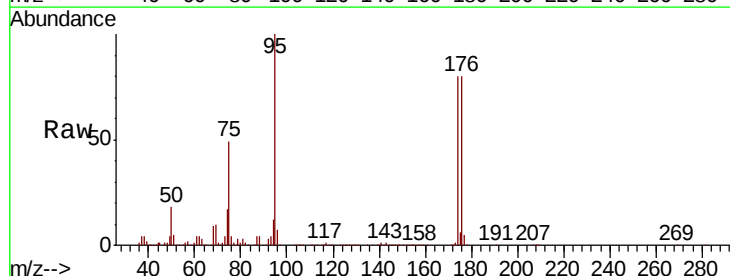
Tgt Ion: 95 Resp: 238443

Ion Ratio Lower Upper

95 100

174 82.8 0.0 159.4

176 80.6 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

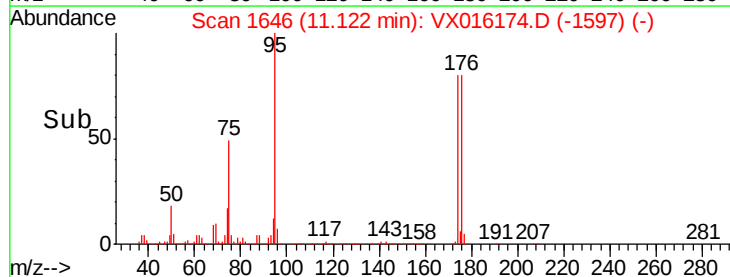
100000

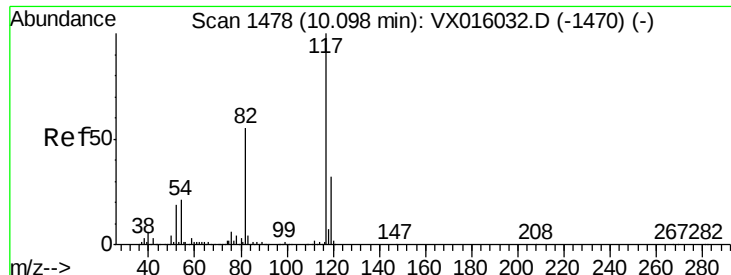
50000

0

Time-->

11.10 11.20

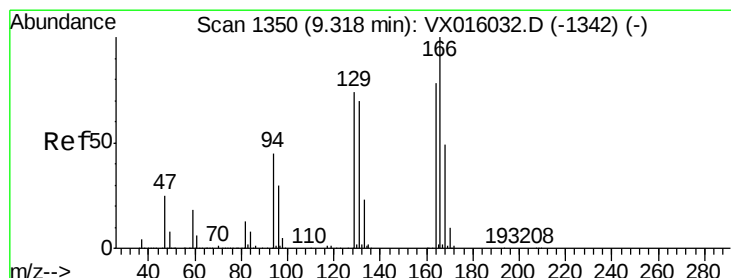
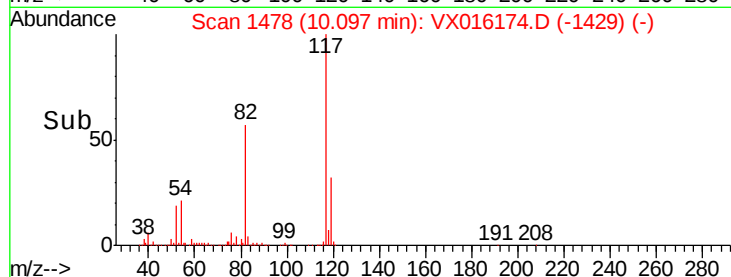
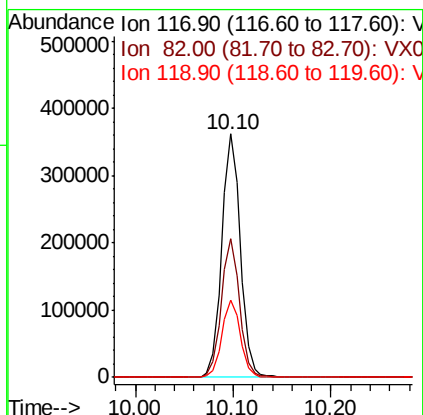
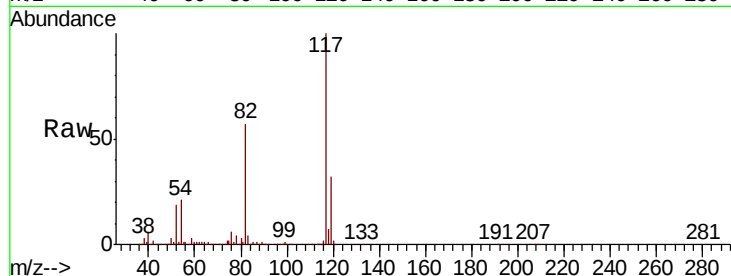




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX016174.D  
Acq: 13 May 2020 13:13

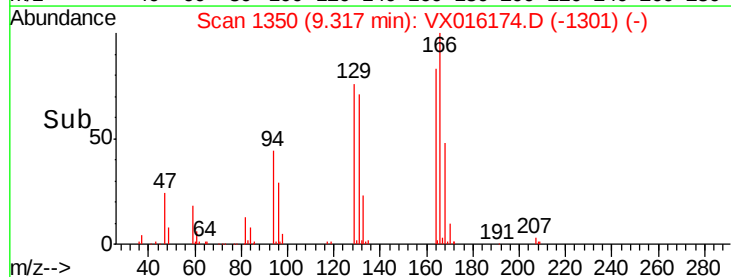
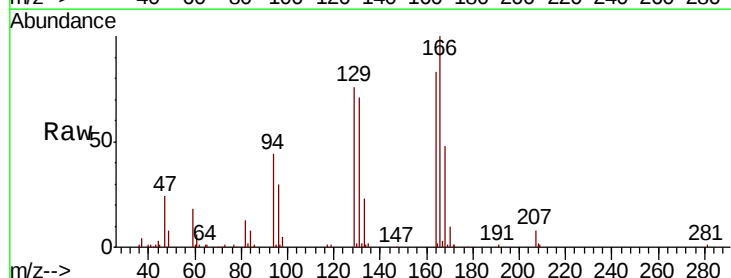
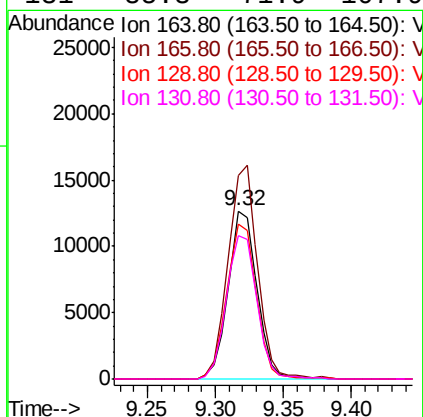
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS052MW349-200511

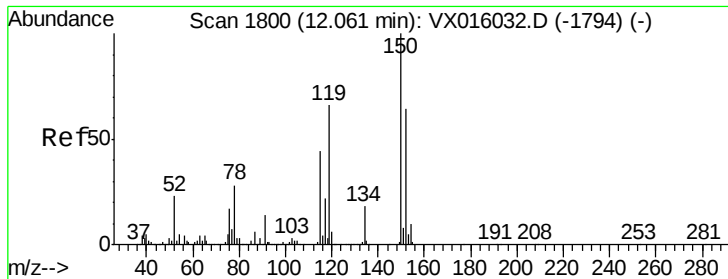
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.9  | 44.4  | 66.6  |
| 119     | 31.9  | 25.5  | 38.3  |



#64  
Tetrachloroethene  
Concen: 3.190 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX016174.D  
Acq: 13 May 2020 13:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 120.9 | 102.9 | 154.3 |
| 129     | 92.1  | 76.1  | 114.1 |
| 131     | 85.3  | 71.9  | 107.9 |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA\_X

ClientSampleId :

SS052MW349-200511

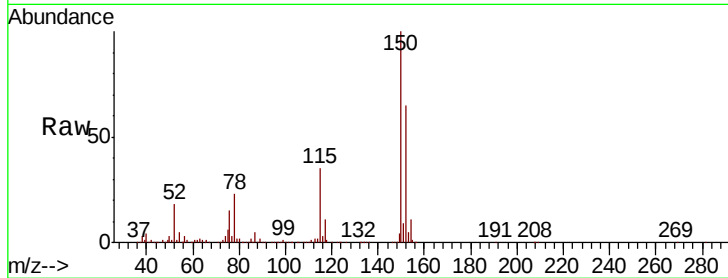
Tot Ion:152 Resp: 245569

Ion Ratio Lower Upper

152 100

115 58.2 41.3 124.1

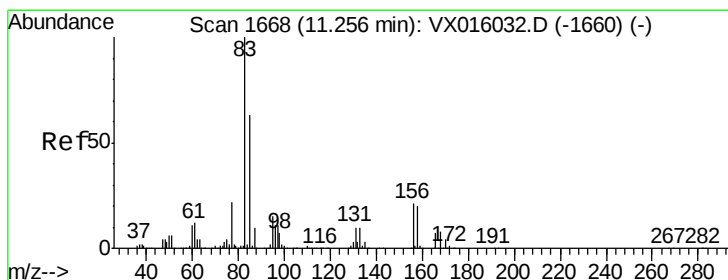
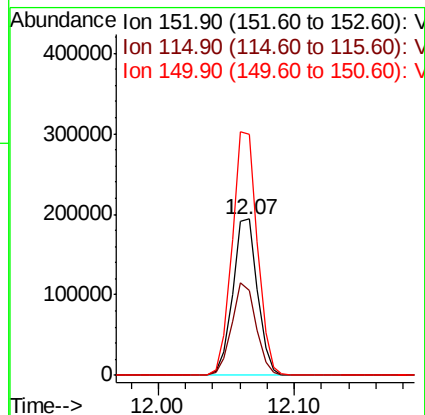
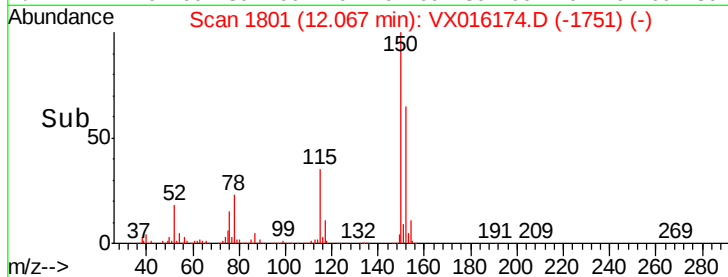
150 158.1 0.0 352.2



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



#75

1,1,2,2-Tetrachloroethane

Concen: 2.056 ug/l

RT: 11.22 min Scan# 1662

Delta R.T. -0.04 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

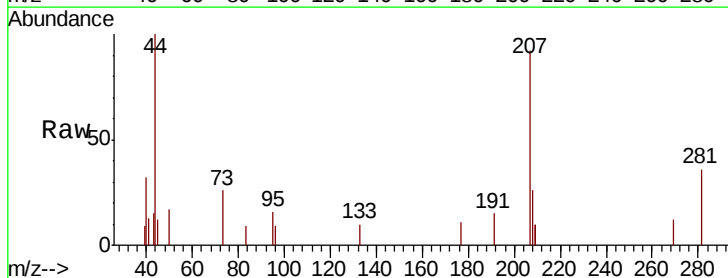
Tgt Ion: 83 Resp: 23

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

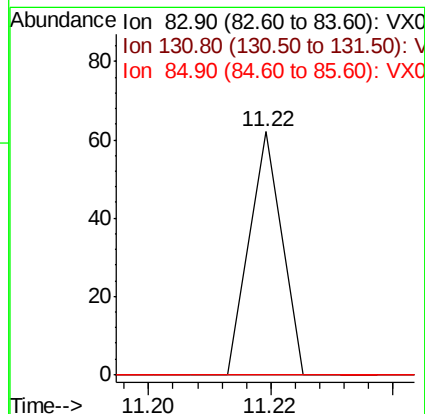
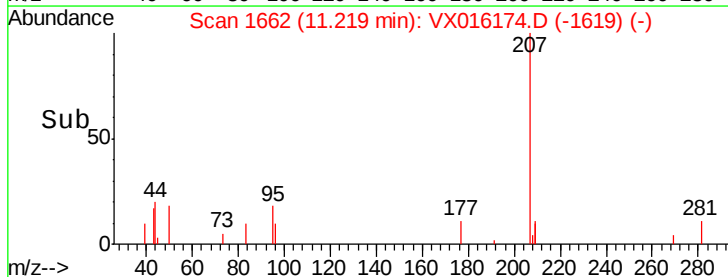
85 0.0 32.0 96.0#

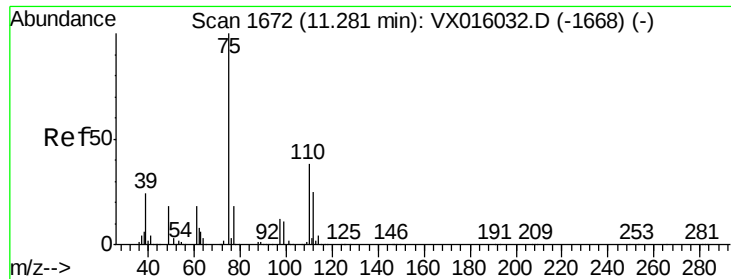


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 21.169 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

Instrument :

MSVOA\_X

ClientSampleId :

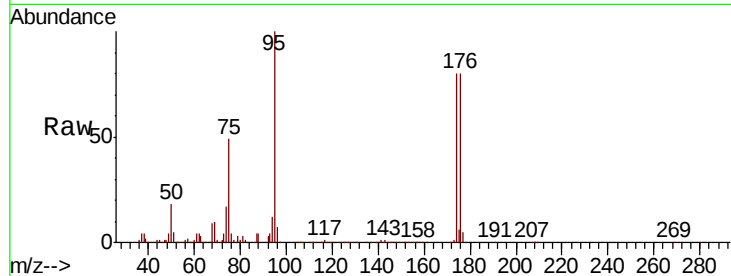
SS052MW349-200511

Tot Ion: 75 Resp: 117963

Ion Ratio Lower Upper

75 100

77 1.4 21.2 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

100000

80000

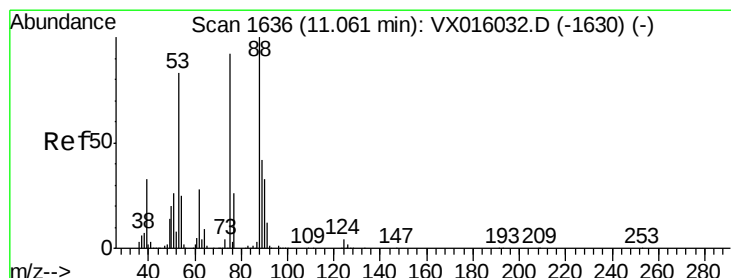
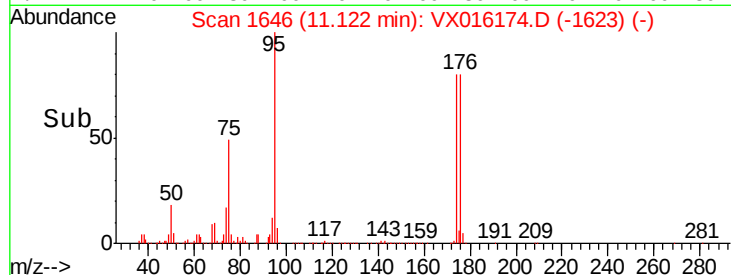
60000

40000

20000

0

Time--> 11.00 11.10 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 50.447 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

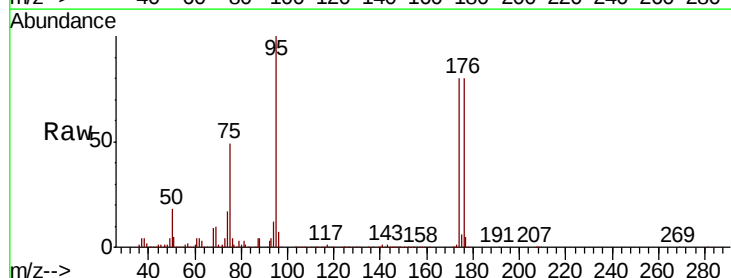
Tgt Ion: 75 Resp: 117963

Ion Ratio Lower Upper

75 100

53 0.1 73.1 109.7#

89 0.0 36.7 55.1#



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

11.12

120000

100000

80000

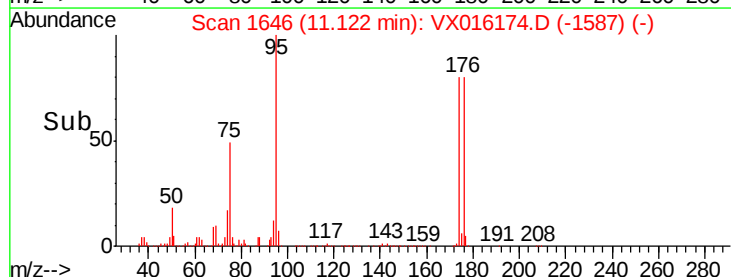
60000

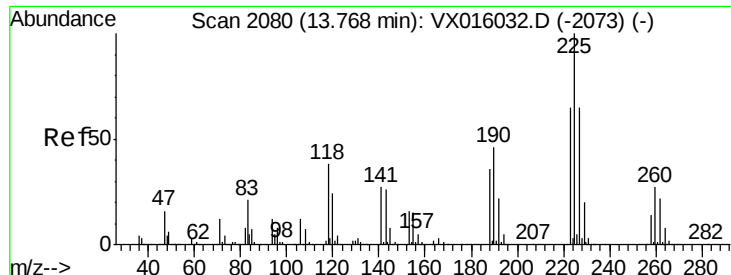
40000

20000

0

Time--> 11.00 11.10 11.20





#94

Hexachlorobutadiene

Concen: 0.555 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016174.D

Acq: 13 May 2020 13:13

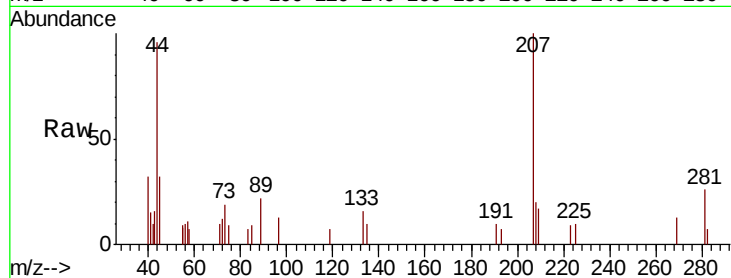
Instrument :

MSVOA\_X

ClientSampleId :

SS052MW349-200511

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 225   | Resp: | 82   |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 89.0  | 32.3  | 96.9 |
| 227       | 0.0   | 31.8  | 95.4 |



Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

