

Data File : VL032842.D  
Acq On : 29 Nov 2018 20:00  
Operator : SY/AP  
Sample : J6088-04  
Misc : 400ml/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
IAS-3

Quant Time: Nov 30 06:25:48 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL111418AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Nov 14 07:00:23 2018  
QLast Update : Wed Nov 14 07:00:23 2018  
Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.77  | 49   | 1311701  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.30  | 114  | 3354513  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.25 | 117  | 3166274  | 10.00 | ppbv  | 0.00     |

#### System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.59  | 95    | 2460423  | 10.39    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 103.90% |

#### Target Compounds

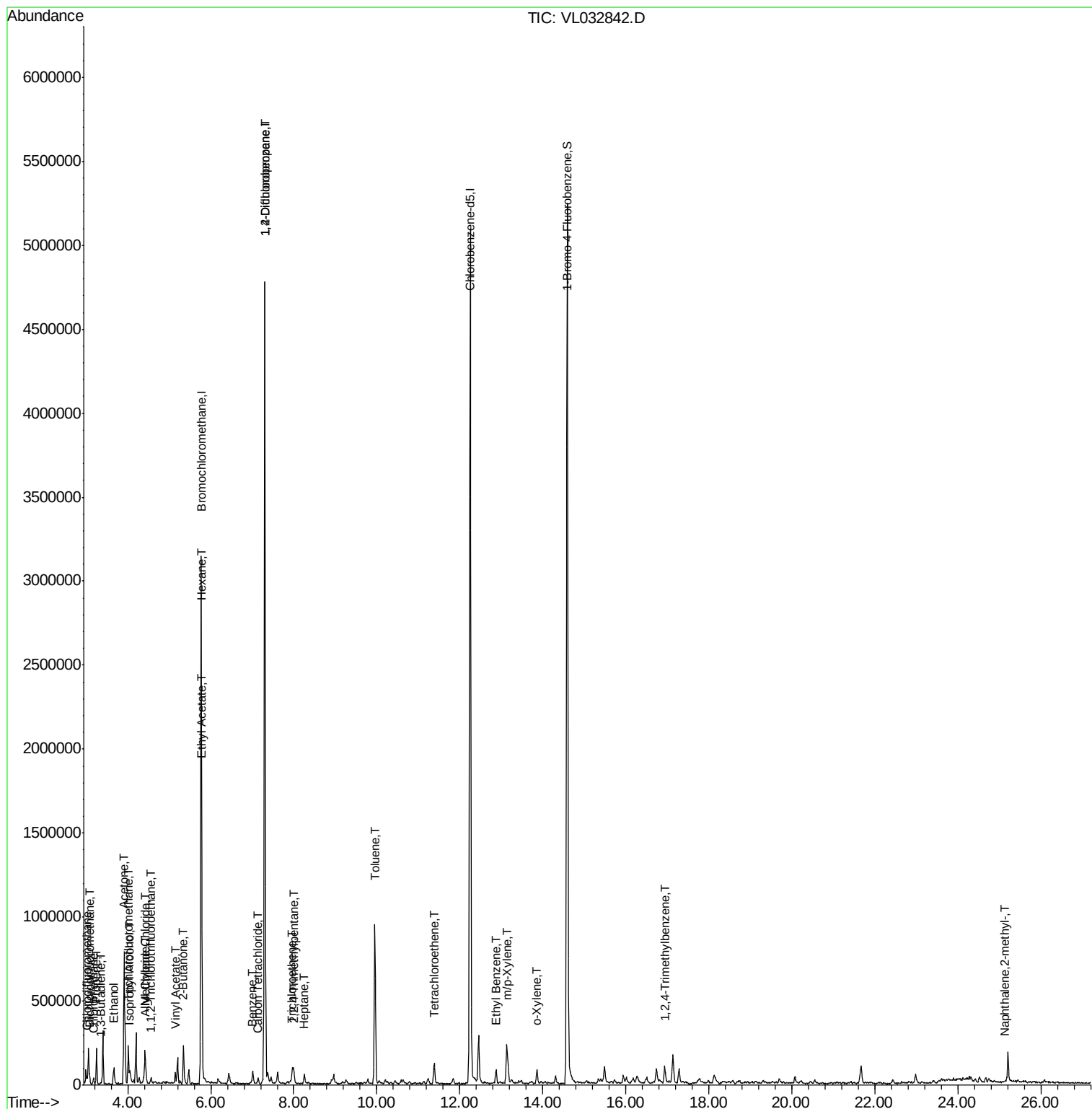
|                                |       |     |        |       |        | Qvalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 2) Dichlorodifluoromethane     | 3.08  | 85  | 40439  | 0.214 | ppbv   | 95     |
| 3) Chlorodifluoromethane       | 3.02  | 51  | 52604  | 0.506 | ppbv   | 92     |
| 4) Chloromethane               | 3.18  | 50  | 28205  | 0.489 | ppbv   | 94     |
| 9) Propene                     | 3.25  | 41  | 50463  | 1.213 | ppbv   | 98     |
| 10) Heptane                    | 8.26  | 43  | 14564  | 0.092 | ppbv # | 80     |
| 11) Trichlorofluoromethane     | 4.01  | 101 | 124289 | 0.699 | ppbv   | 99     |
| 12) 1,1,2-Trichlorotrifluoroet | 4.56  | 101 | 10608  | 0.073 | ppbv   | 91     |
| 13) Ethanol                    | 3.66  | 45  | 107133 | 7.860 | ppbv   | 96     |
| 15) Acetone                    | 3.91  | 43  | 820988 | 6.854 | ppbv   | 96     |
| 16) 1,3-Butadiene              | 3.35  | 39  | 3321   | 0.072 | ppbv # | 32     |
| 19) Isopropyl Alcohol          | 4.04  | 45  | 84398  | 1.058 | ppbv # | 1      |
| 20) Methylene Chloride         | 4.42  | 84  | 66181  | 1.067 | ppbv # | 80     |
| 21) Allyl Chloride             | 4.44  | 41  | 7288   | 0.072 | ppbv # | 33     |
| 23) Vinyl Acetate              | 5.16  | 43  | 8169   | 0.037 | ppbv # | 17     |
| 25) Ethyl Acetate              | 5.79  | 43  | 55089  | 0.197 | ppbv # | 84     |
| 26) Hexane                     | 5.79  | 57  | 68505  | 0.551 | ppbv # | 45     |
| 34) 2-Butanone                 | 5.34  | 43  | 248935 | 1.431 | ppbv   | 100    |
| 35) Carbon Tetrachloride       | 7.14  | 117 | 17211  | 0.064 | ppbv # | 74     |
| 36) Benzene                    | 7.01  | 78  | 56628  | 0.212 | ppbv # | 92     |
| 38) Trichloroethene            | 7.97  | 130 | 14298  | 0.132 | ppbv   | 90     |
| 39) 1,2-Dichloropropane        | 7.30  | 63  | 839592 | 8.249 | ppbv # | 23     |
| 44) 2,2,4-Trimethylpentane     | 8.00  | 57  | 16297  | 0.037 | ppbv # | 1      |
| 52) Tetrachloroethene          | 11.39 | 164 | 11535  | 0.124 | ppbv   | 88     |
| 53) Toluene                    | 9.95  | 91  | 675144 | 2.423 | ppbv   | 99     |
| 58) Ethyl Benzene              | 12.88 | 91  | 60746  | 0.159 | ppbv   | 98     |
| 59) m/p-Xylene                 | 13.13 | 91  | 118501 | 0.349 | ppbv # | 39     |
| 60) o-Xylene                   | 13.86 | 91  | 55467  | 0.163 | ppbv   | 100    |
| 74) 1,2,4-Trimethylbenzene     | 16.93 | 105 | 33194  | 0.085 | ppbv # | 68     |
| 80) Naphthalene,2-methyl-      | 25.12 | 142 | 3476   | 0.054 | ppbv   | 88     |

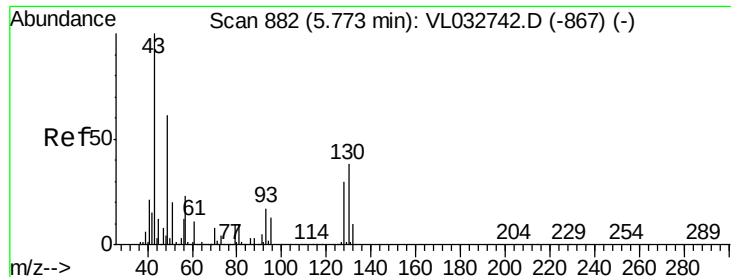
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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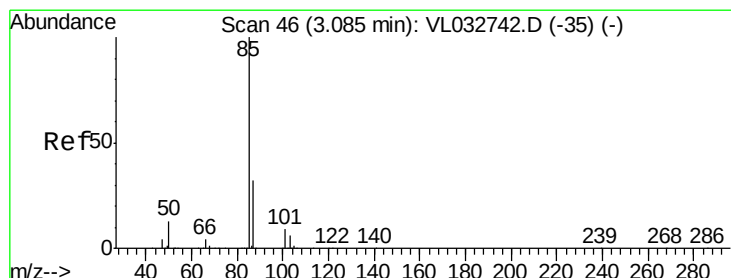
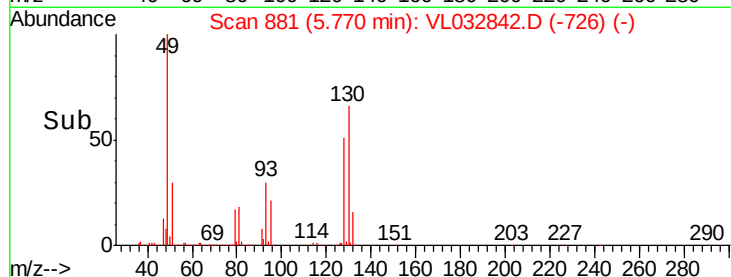
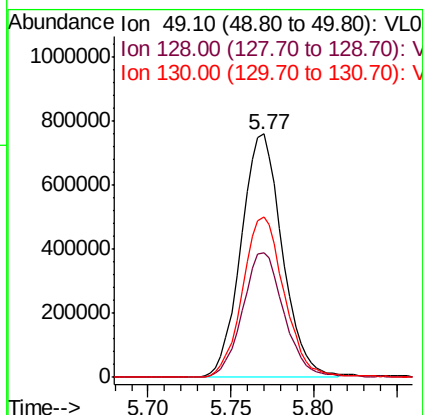
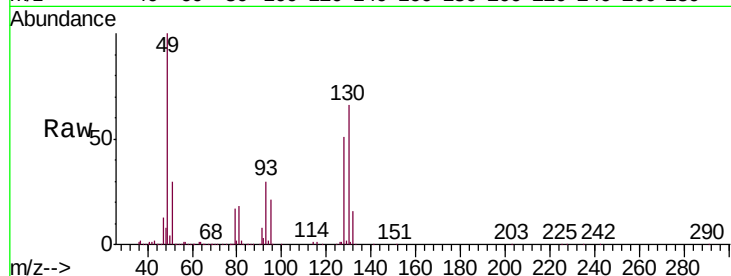




#1  
 Bromochloromethane  
 Concen: 10.000 ppbv  
 RT: 5.77 min Scan# 881  
 Delta R.T. -0.00 min  
 Lab File: VL032842.D  
 Acq: 29 Nov 2018 20:00

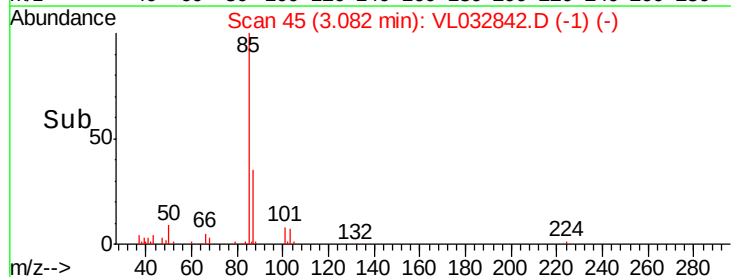
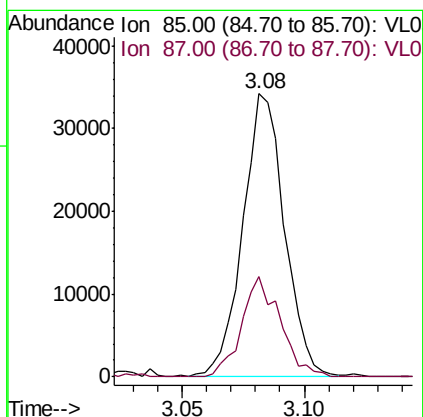
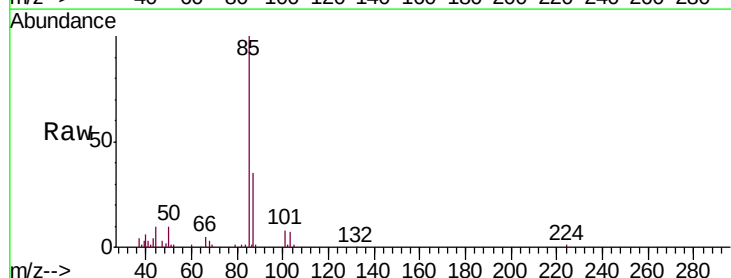
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IAS-3

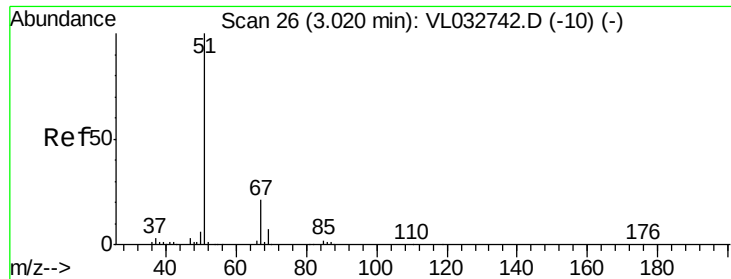
Tgt Ion: 49 Resp: 1311701  
 Ion Ratio Lower Upper  
 49 100  
 128 52.0 24.9 74.6  
 130 67.1 31.4 94.2



#2  
 Dichlorodifluoromethane  
 Concen: 0.214 ppbv  
 RT: 3.08 min Scan# 45  
 Delta R.T. -0.00 min  
 Lab File: VL032842.D  
 Acq: 29 Nov 2018 20:00

Tgt Ion: 85 Resp: 40439  
 Ion Ratio Lower Upper  
 85 100  
 87 35.4 26.0 39.0

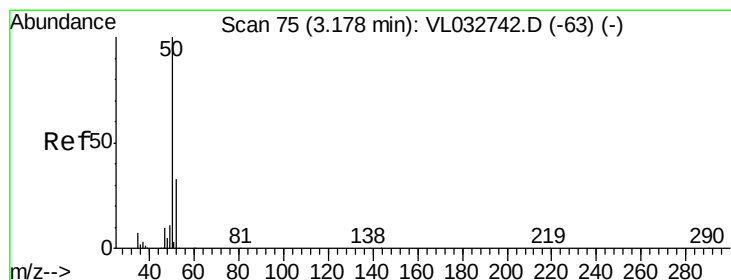
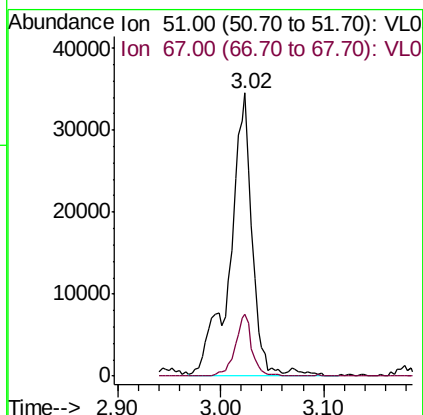
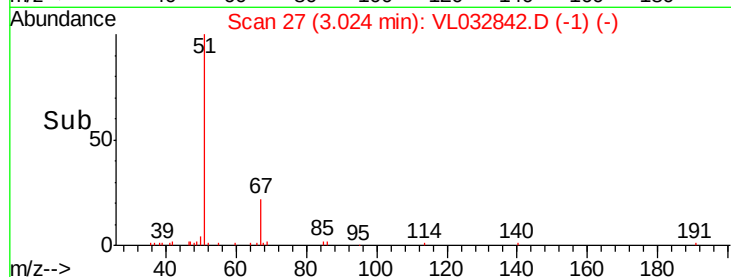
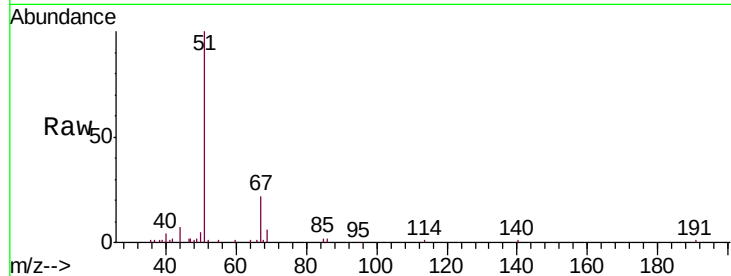




#3  
 Chlorodifluoromethane  
 Concen: 0.506 ppbv  
 RT: 3.02 min Scan# 27  
 Delta R.T. 0.00 min  
 Lab File: VL032842.D  
 Acq: 29 Nov 2018 20:00

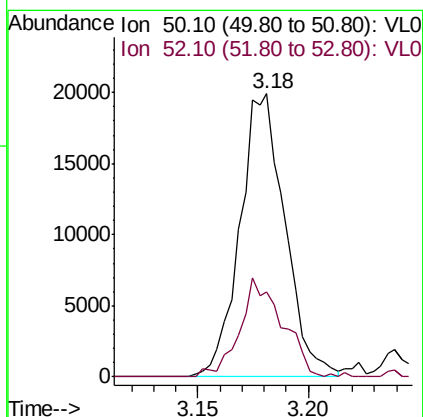
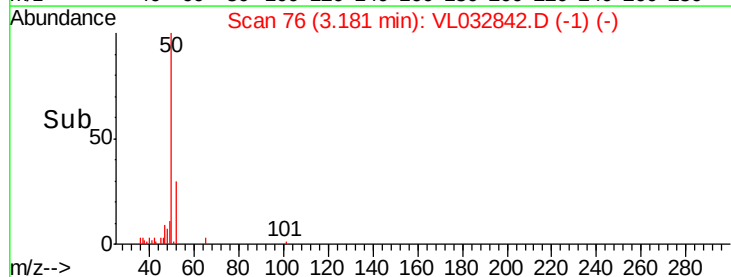
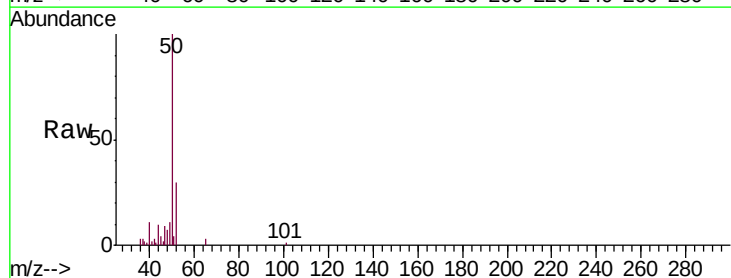
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IAS-3

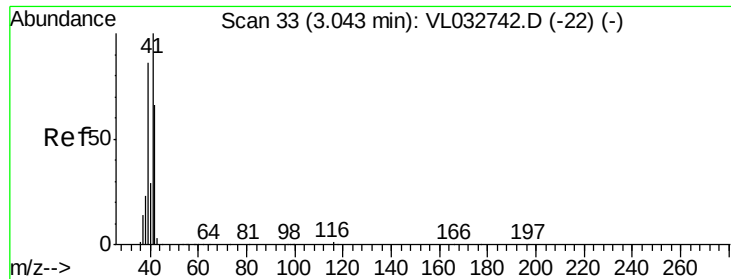
Tgt Ion: 51 Resp: 52604  
 Ion Ratio Lower Upper  
 51 100  
 67 16.2 16.1 24.1



#4  
 Chloromethane  
 Concen: 0.489 ppbv  
 RT: 3.18 min Scan# 76  
 Delta R.T. 0.00 min  
 Lab File: VL032842.D  
 Acq: 29 Nov 2018 20:00

Tgt Ion: 50 Resp: 28205  
 Ion Ratio Lower Upper  
 50 100  
 52 29.8 26.6 40.0





#9

Propene

Concen: 1.213 ppbv

RT: 3.25 min Scan# 96

Delta R.T. 0.20 min

Lab File: VL032842.D

Acq: 29 Nov 2018 20:00

Instrument :

MSVOA\_L

ClientSampleId :

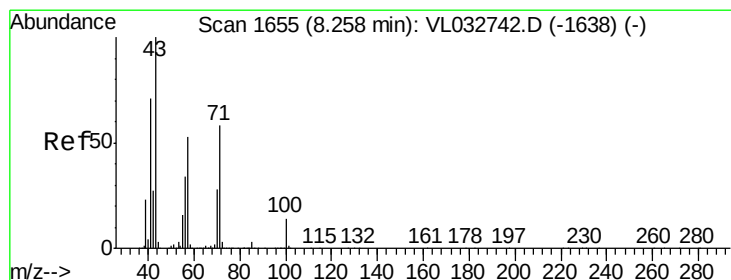
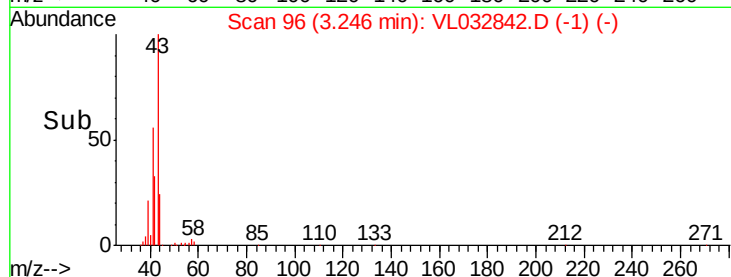
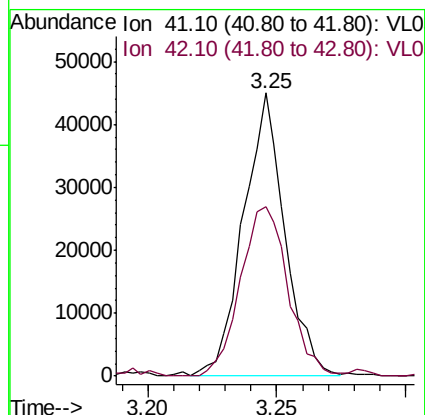
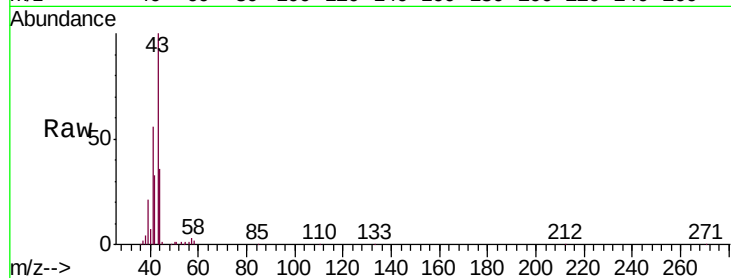
IAS-3

Tgt Ion: 41 Resp: 50463

Ion Ratio Lower Upper

41 100

42 70.1 55.0 82.6



#10

Heptane

Concen: 0.092 ppbv

RT: 8.26 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VL032842.D

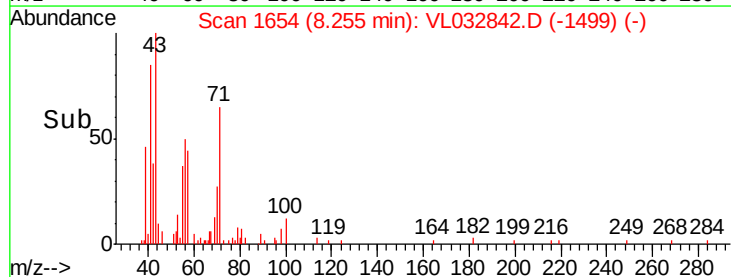
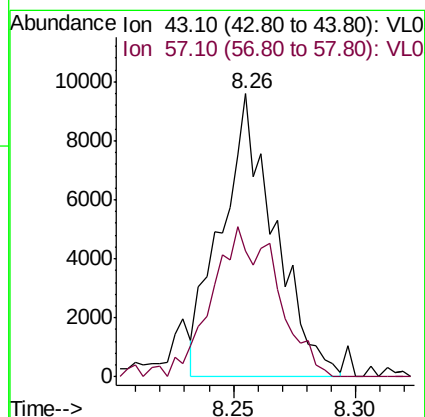
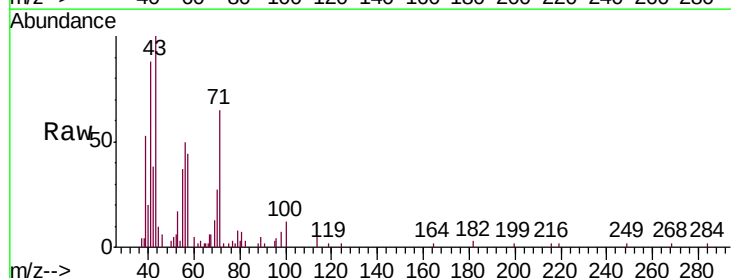
Acq: 29 Nov 2018 20:00

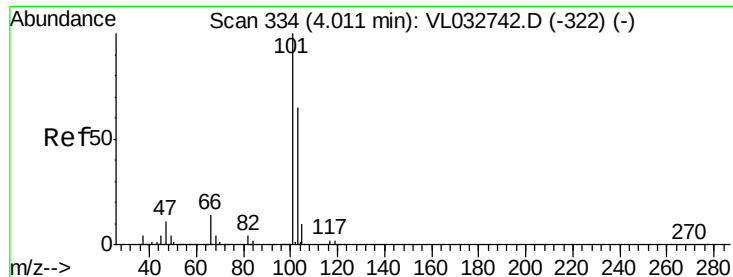
Tgt Ion: 43 Resp: 14564

Ion Ratio Lower Upper

43 100

57 66.3 41.8 62.8#





#11

Trichlorofluoromethane

Concen: 0.699 ppbv

RT: 4.01 min Scan# 335

Delta R.T. 0.00 min

Lab File: VL032842.D

Acq: 29 Nov 2018 20:00

Instrument :

MSVOA\_L

ClientSampleId :

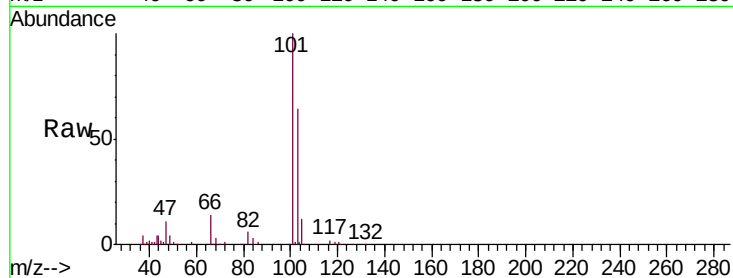
IAS-3

Tgt Ion:101 Resp: 124289

Ion Ratio Lower Upper

101 100

103 63.8 51.6 77.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

100000

80000

60000

40000

20000

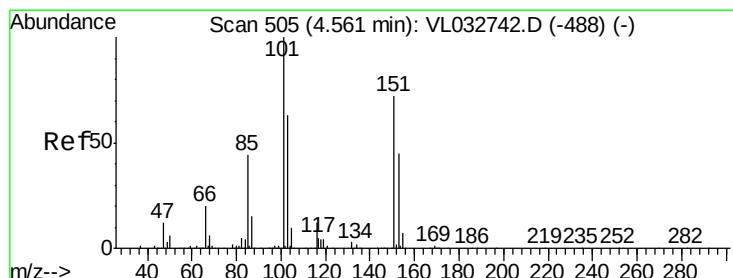
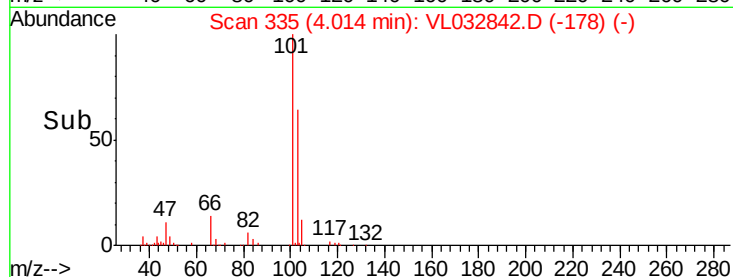
0

3.95

4.00

4.05

Time-->



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.073 ppbv

RT: 4.56 min Scan# 504

Delta R.T. -0.00 min

Lab File: VL032842.D

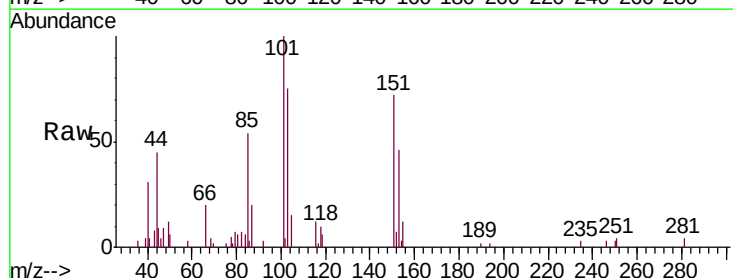
Acq: 29 Nov 2018 20:00

Tgt Ion:101 Resp: 10608

Ion Ratio Lower Upper

101 100

151 78.5 56.7 85.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

8000

6000

4000

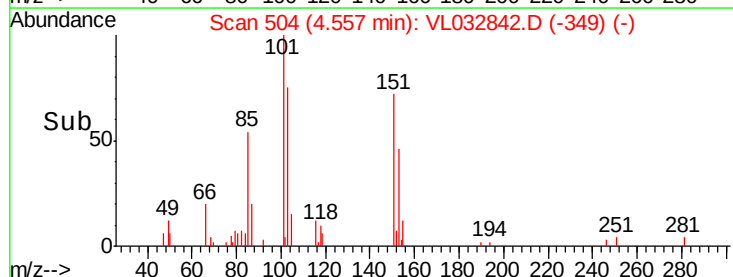
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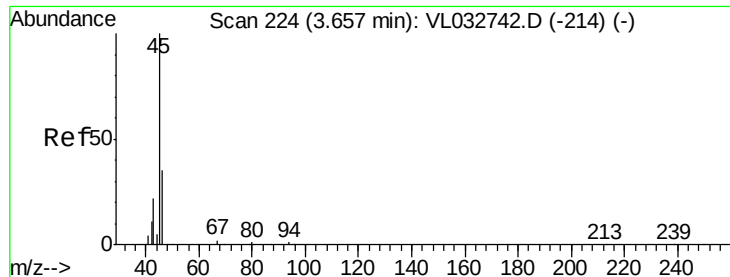
0

4.55

4.60

Time-->

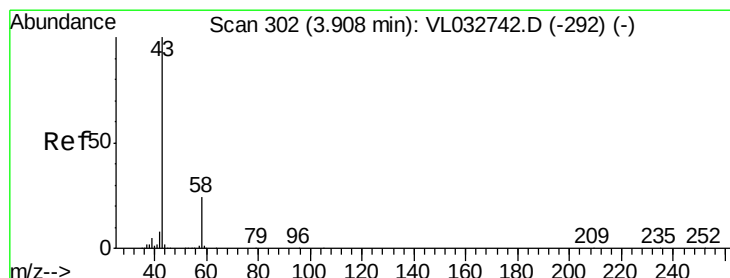
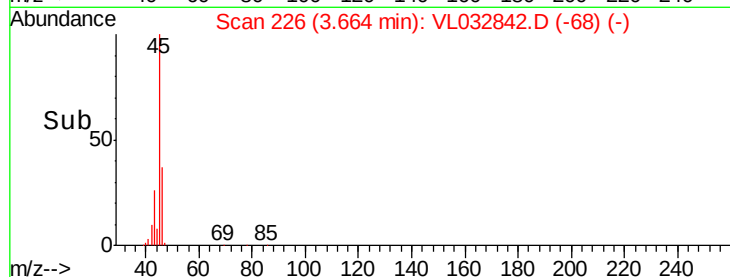
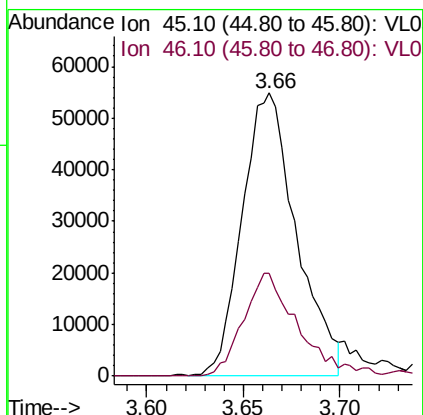
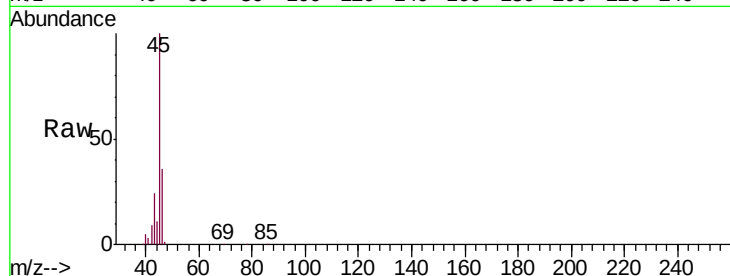




#13  
Ethanol  
Concen: 7.860 ppbv  
RT: 3.66 min Scan# 226  
Delta R.T. 0.01 min  
Lab File: VL032842.D  
Acq: 29 Nov 2018 20:00

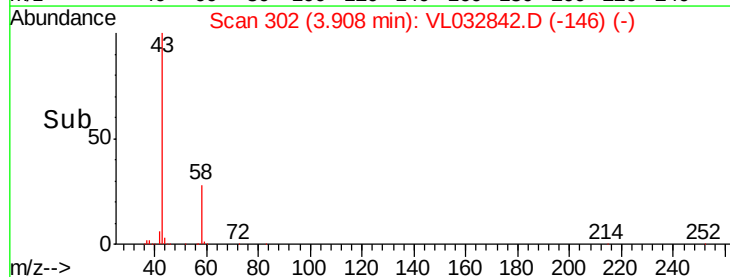
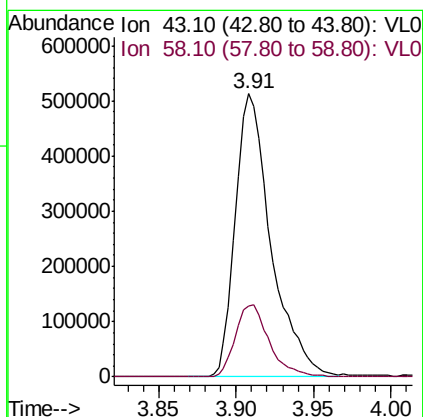
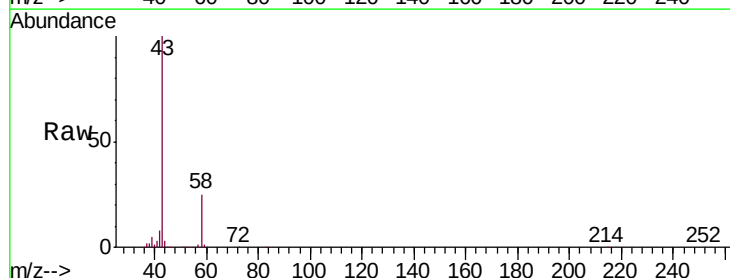
Instrument :  
MSVOA\_L  
ClientSampled :  
IAS-3

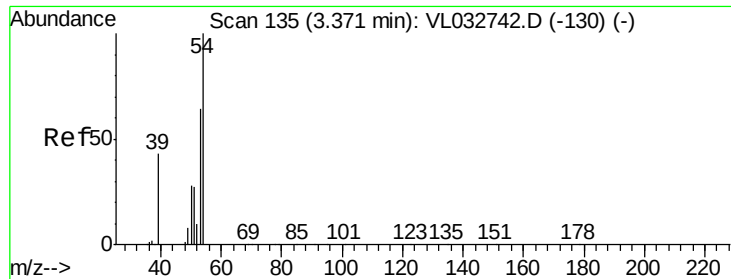
Tgt Ion: 45 Resp: 107133  
Ion Ratio Lower Upper  
45 100  
46 38.6 14.5 57.9



#15  
Acetone  
Concen: 6.854 ppbv  
RT: 3.91 min Scan# 302  
Delta R.T. 0.00 min  
Lab File: VL032842.D  
Acq: 29 Nov 2018 20:00

Tgt Ion: 43 Resp: 820988  
Ion Ratio Lower Upper  
43 100  
58 24.5 21.1 31.7





#16

1,3-Butadiene

Concen: 0.072 ppbv

RT: 3.35 min Scan# 128

Delta R.T. -0.02 min

Lab File: VL032842.D

Acq: 29 Nov 2018 20:00

Instrument :

MSVOA\_L

ClientSampleId :

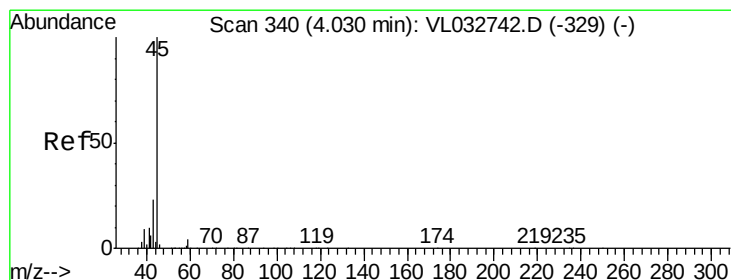
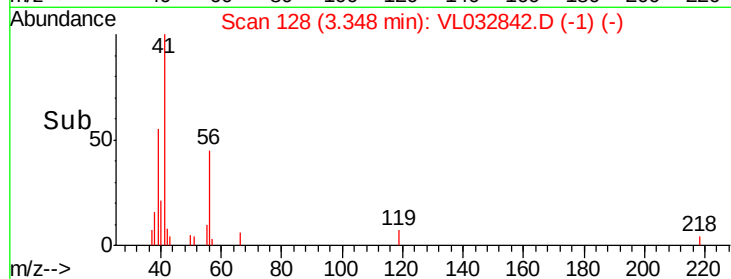
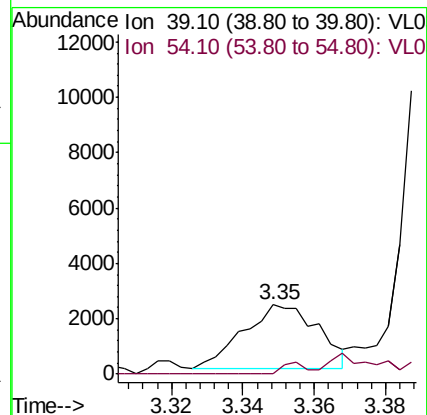
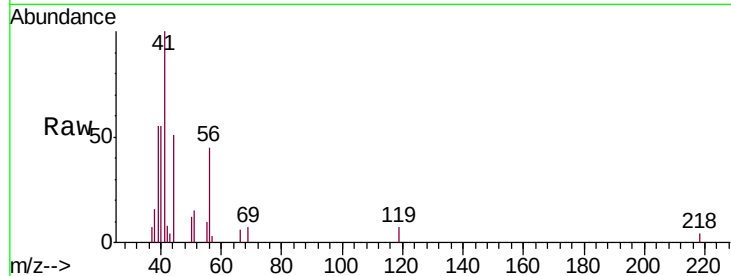
IAS-3

Tgt Ion: 39 Resp: 3321

Ion Ratio Lower Upper

39 100

54 23.8 68.9 103.3#



#19

Isopropyl Alcohol

Concen: 1.058 ppbv

RT: 4.04 min Scan# 344

Delta R.T. 0.01 min

Lab File: VL032842.D

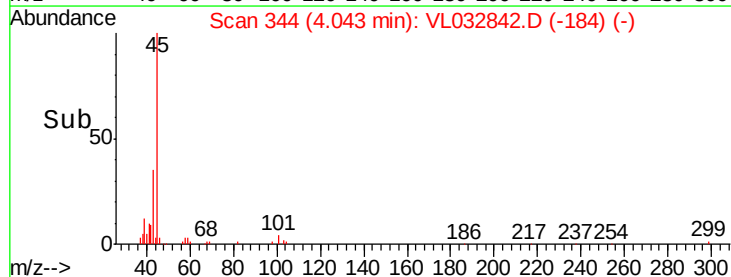
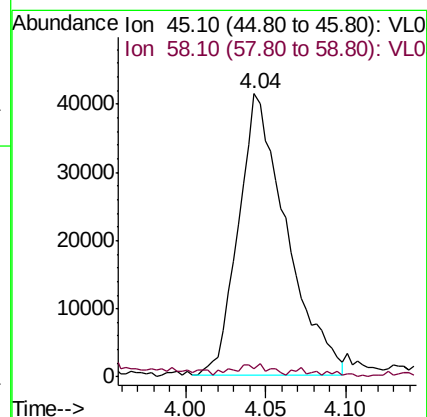
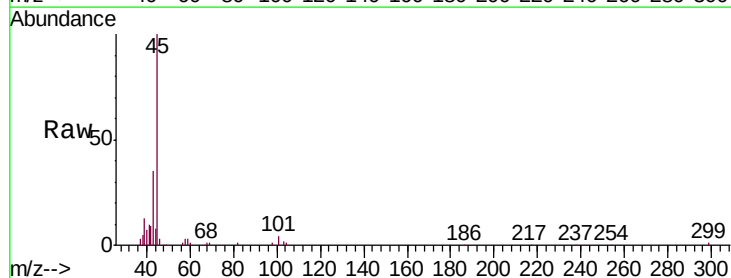
Acq: 29 Nov 2018 20:00

Tgt Ion: 45 Resp: 84398

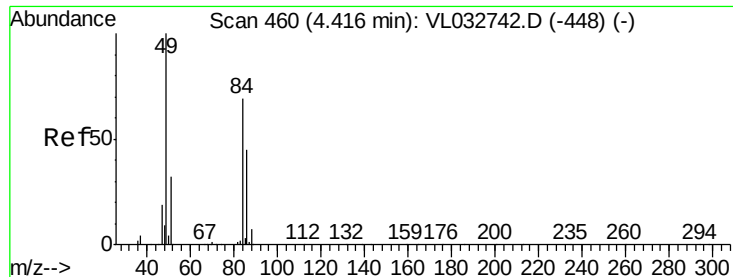
Ion Ratio Lower Upper

45 100

58 236.7 1.4 2.0#



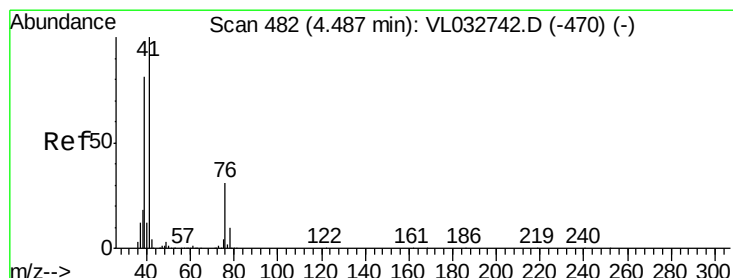
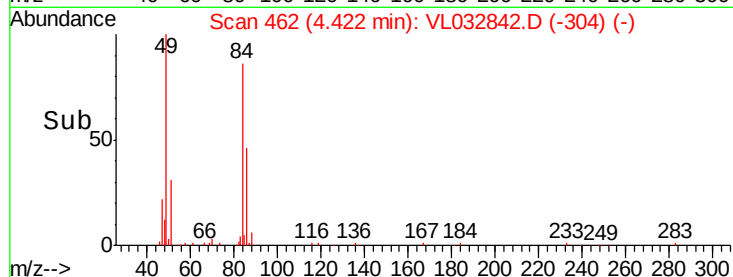
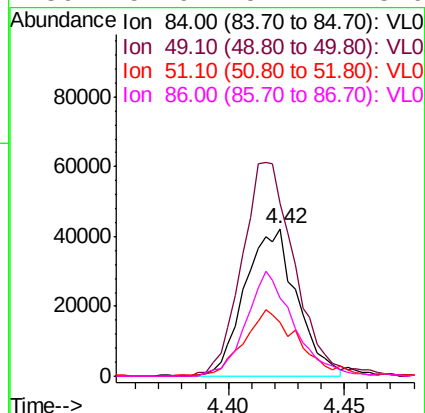
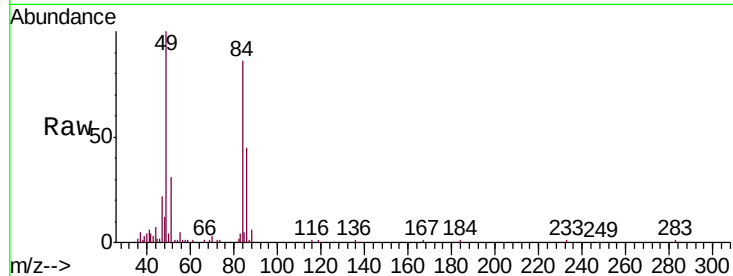




#20  
Methylene Chloride  
Concen: 1.067 ppbv  
RT: 4.42 min Scan# 462  
Delta R.T. 0.01 min  
Lab File: VL032842.D  
Acq: 29 Nov 2018 20:00

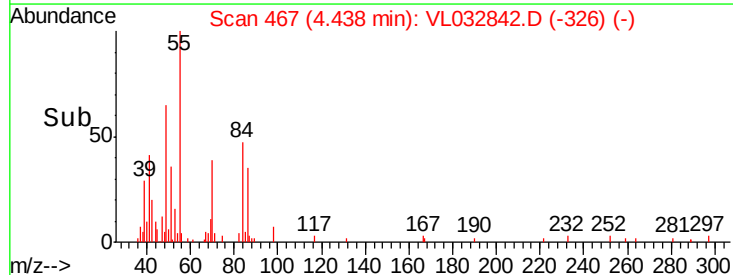
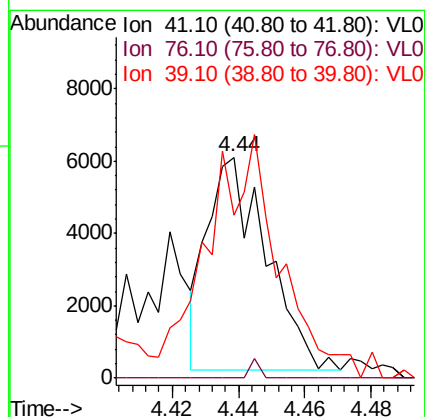
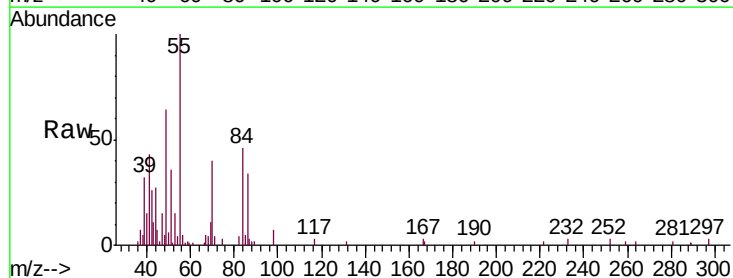
Instrument :  
MSVOA\_L  
ClientSampleId :  
IAS-3

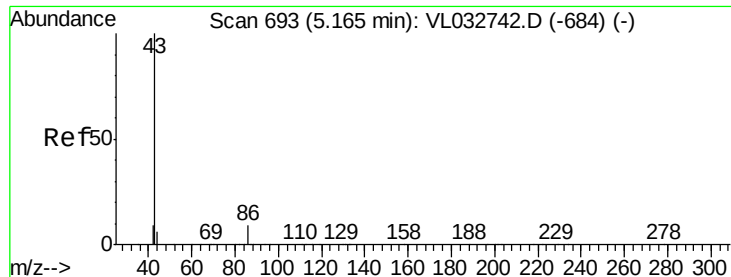
Tgt Ion: 84 Resp: 66181  
Ion Ratio Lower Upper  
84 100  
49 116.6 115.8 173.6  
51 35.8 36.9 55.3#  
86 52.9 52.4 78.6



#21  
Allyl Chloride  
Concen: 0.072 ppbv  
RT: 4.44 min Scan# 467  
Delta R.T. -0.05 min  
Lab File: VL032842.D  
Acq: 29 Nov 2018 20:00

Tgt Ion: 41 Resp: 7288  
Ion Ratio Lower Upper  
41 100  
76 0.0 24.4 36.6#  
39 141.4 63.5 95.3#





#23

Vinyl Acetate

Concen: 0.037 ppbv

RT: 5.16 min Scan# 690

Delta R.T. -0.01 min

Lab File: VL032842.D

Acq: 29 Nov 2018 20:00

Instrument :

MSVOA\_L

ClientSampleId :

IAS-3

Tgt Ion: 43 Resp: 8169

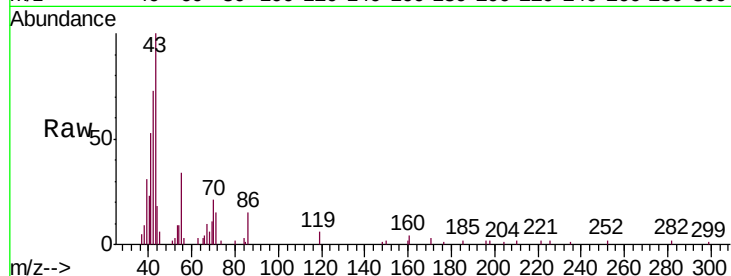
Ion Ratio Lower Upper

43 100

86 14.6 6.2 9.4#

42 76.3 7.8 11.6#

44 5.0 4.4 6.6

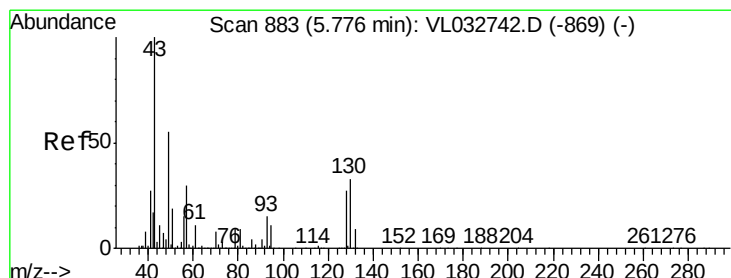
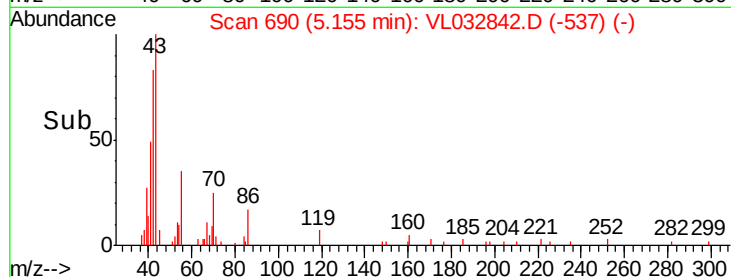
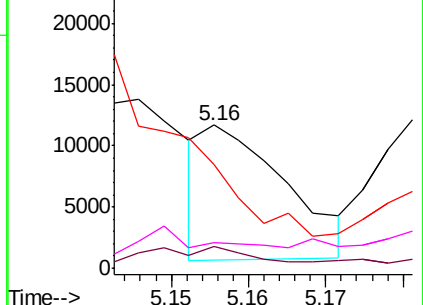


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 0.197 ppbv

RT: 5.79 min Scan# 888

Delta R.T. 0.02 min

Lab File: VL032842.D

Acq: 29 Nov 2018 20:00

Tgt Ion: 43 Resp: 55089

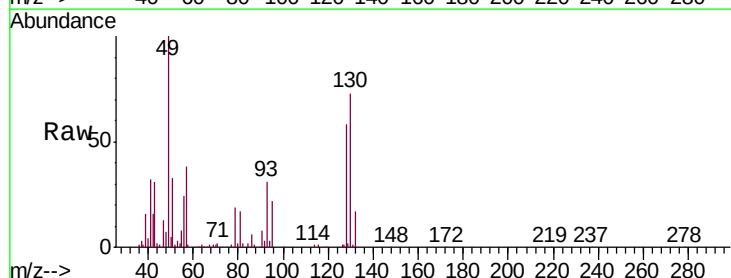
Ion Ratio Lower Upper

43 100

45 3.3 7.9 11.9#

61 2.4 7.8 11.6#

70 4.0 5.8 8.6#

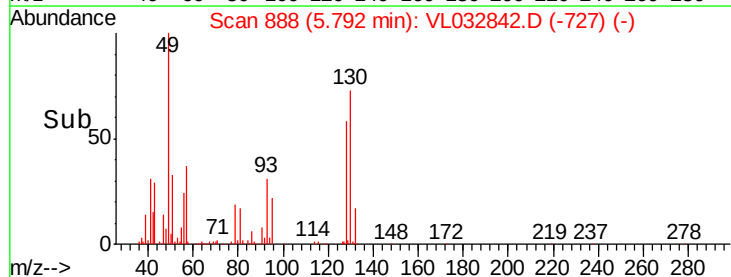
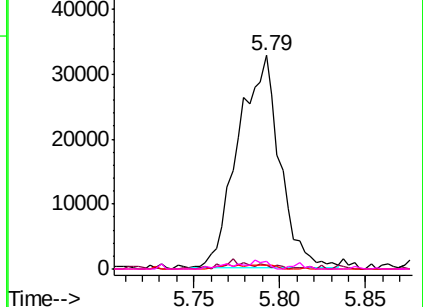


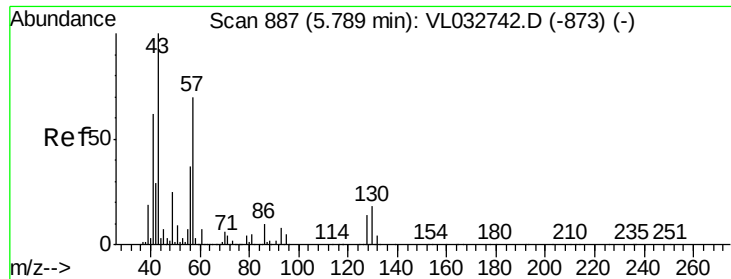
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0





#26

Hexane

Concen: 0.551 ppbv

RT: 5.79 min Scan# 886

Delta R.T. -0.00 min

Lab File: VL032842.D

Acq: 29 Nov 2018 20:00

Instrument :

MSVOA\_L

ClientSampleId :

IAS-3

Tgt Ion: 57 Resp: 68505

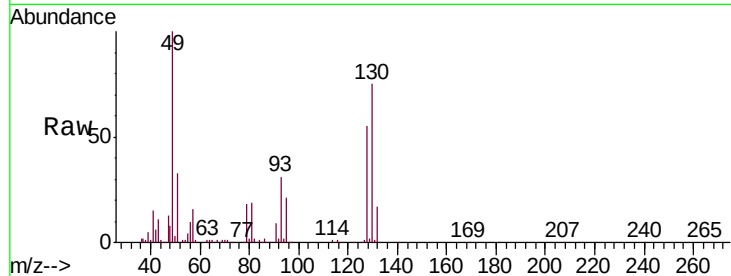
Ion Ratio Lower Upper

57 100

41 99.1 70.3 105.5

43 84.3 174.0 261.0#

56 60.0 42.3 63.5

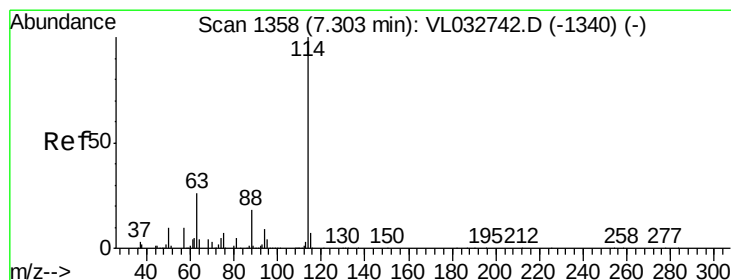
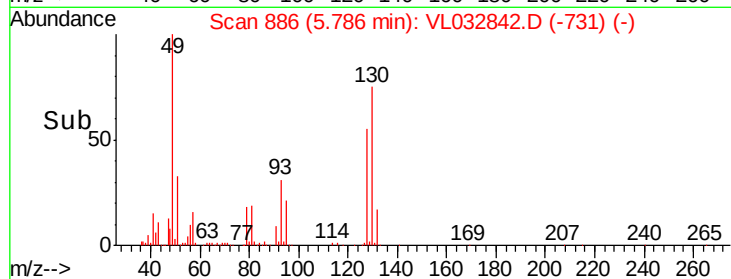
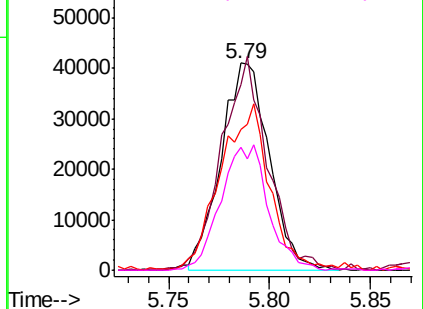


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.30 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VL032842.D

Acq: 29 Nov 2018 20:00

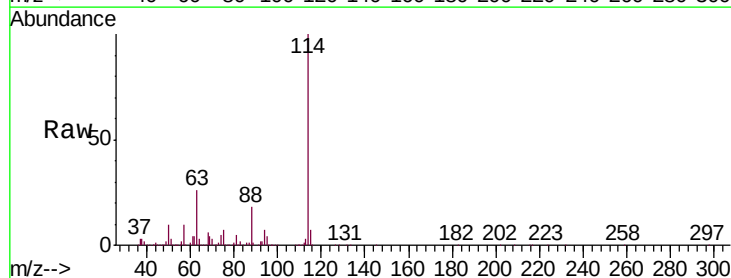
Tgt Ion: 114 Resp: 3354513

Ion Ratio Lower Upper

114 100

63 25.2 20.9 31.3

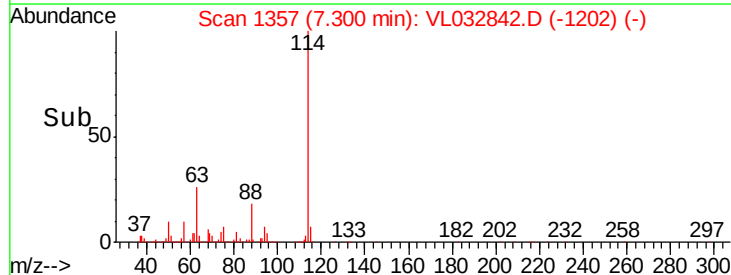
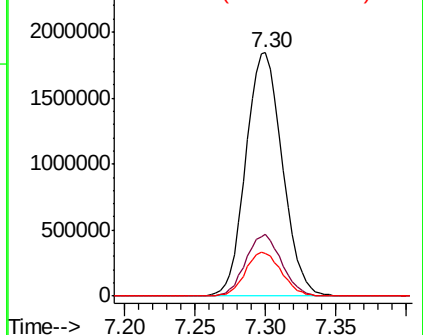
88 18.0 14.4 21.6

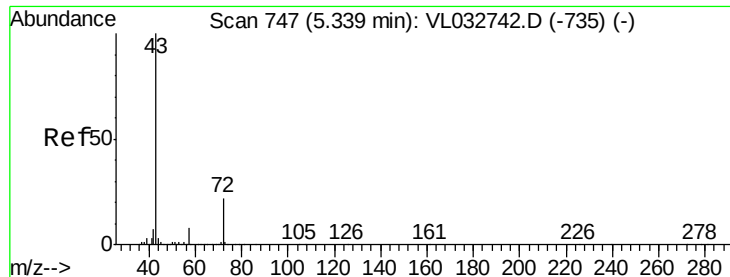


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#34

2-Butanone

Concen: 1.431 ppbv

RT: 5.34 min Scan# 748

Delta R.T. 0.00 min

Lab File: VL032842.D

Acq: 29 Nov 2018 20:00

Instrument :

MSVOA\_L

ClientSampleId :

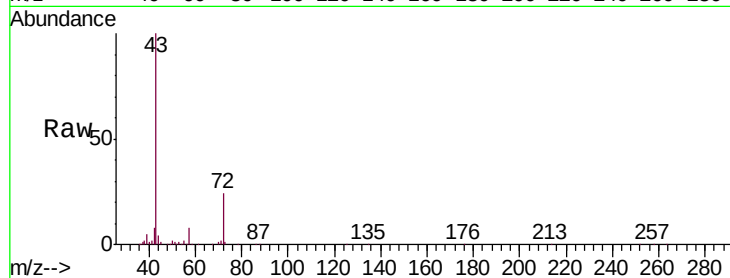
IAS-3

Tgt Ion: 43 Resp: 248935

Ion Ratio Lower Upper

43 100

72 23.0 18.4 27.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

5.34

150000

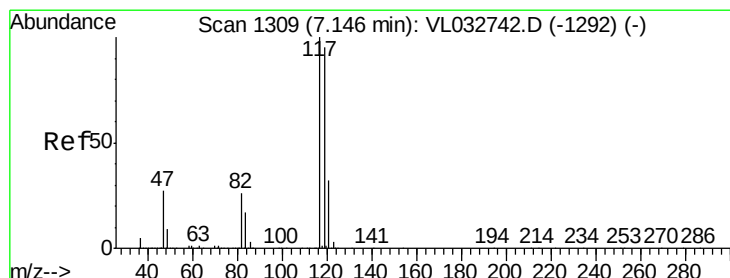
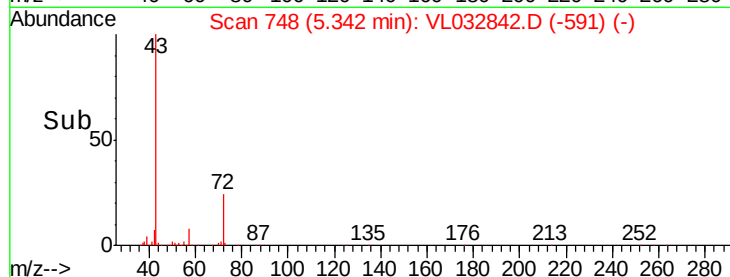
100000

50000

0

5.30 5.35 5.40

Time-->



#35

Carbon Tetrachloride

Concen: 0.064 ppbv

RT: 7.14 min Scan# 1306

Delta R.T. -0.01 min

Lab File: VL032842.D

Acq: 29 Nov 2018 20:00

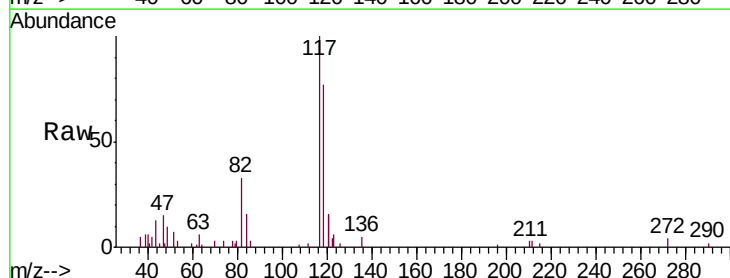
Tgt Ion: 117 Resp: 17211

Ion Ratio Lower Upper

117 100

119 71.4 76.1 114.1#

121 15.0 25.4 38.0#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V

15000

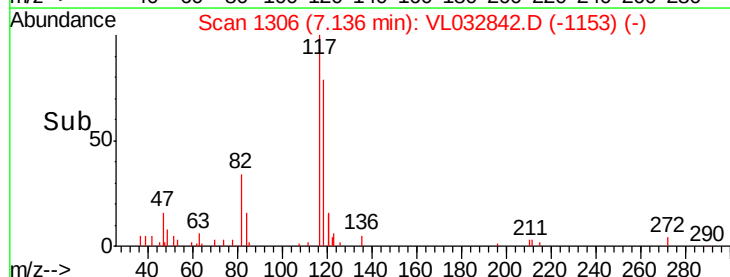
10000

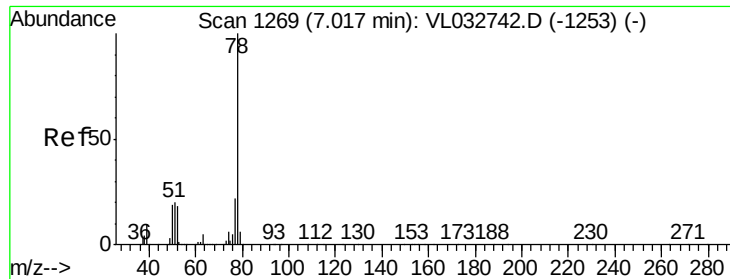
5000

0

7.10 7.15 7.20

Time-->





#36

Benzene

Concen: 0.212 ppbv

RT: 7.01 min Scan# 1266

Delta R.T. -0.01 min

Lab File: VL032842.D

Acq: 29 Nov 2018 20:00

Instrument :

MSVOA\_L

ClientSampleId :

IAS-3

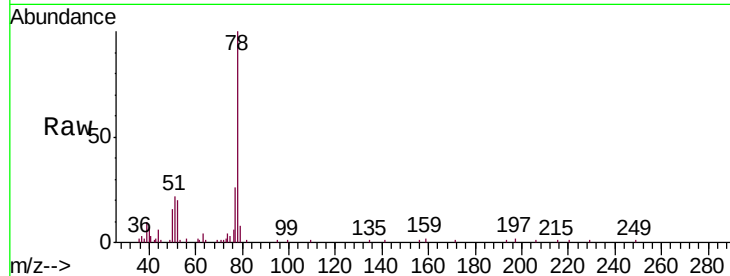
Tgt Ion: 78 Resp: 56628

Ion Ratio Lower Upper

78 100

77 25.1 17.8 26.8

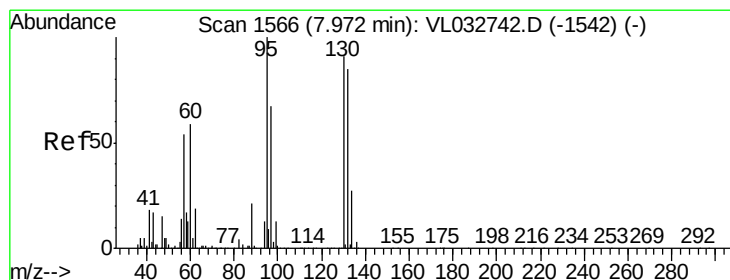
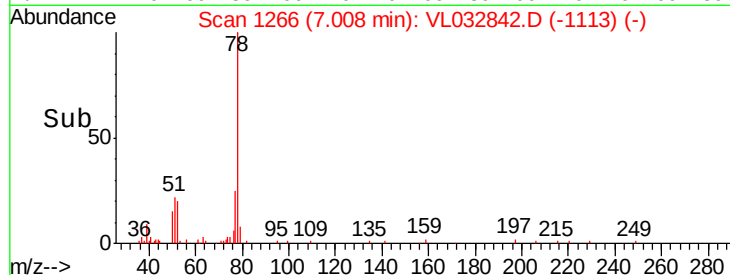
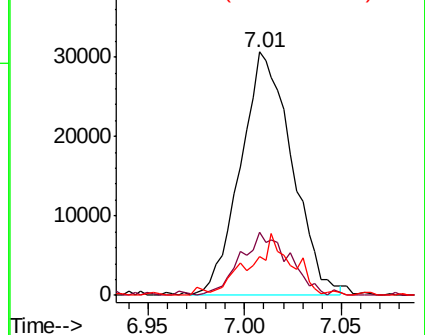
50 14.8 15.4 23.0#



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#38

Trichloroethene

Concen: 0.132 ppbv

RT: 7.97 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VL032842.D

Acq: 29 Nov 2018 20:00

Tgt Ion: 130 Resp: 14298

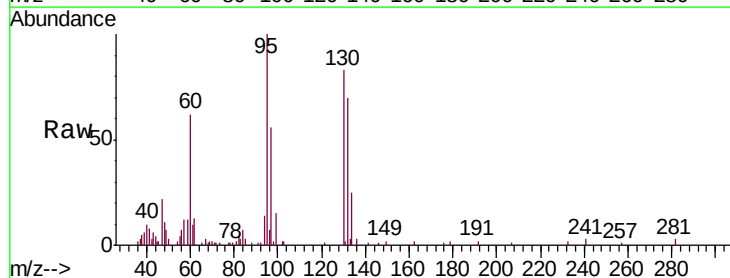
Ion Ratio Lower Upper

130 100

95 120.5 87.7 131.5

132 84.2 74.6 111.8

97 64.4 58.3 87.5

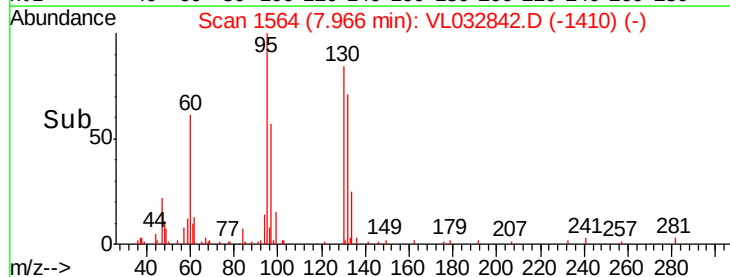
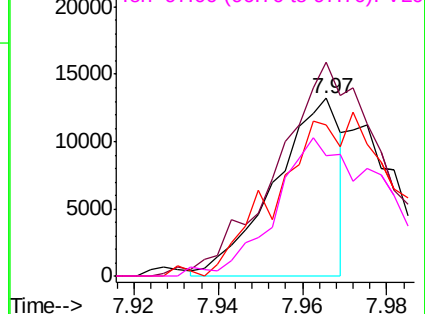


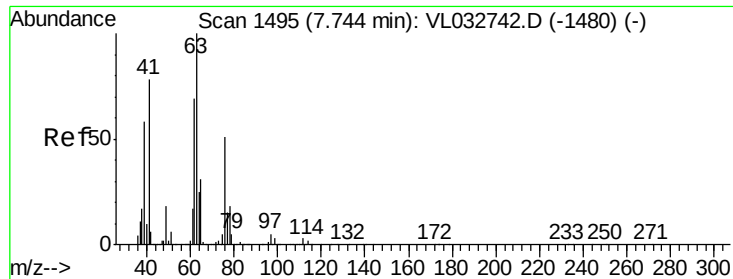
Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0





#39

1,2-Dichloropropane

Concen: 8.249 ppbv

RT: 7.30 min Scan# 1357

Delta R.T. -0.44 min

Lab File: VL032842.D

Acq: 29 Nov 2018 20:00

Instrument :

MSVOA\_L

ClientSampleId :

IAS-3

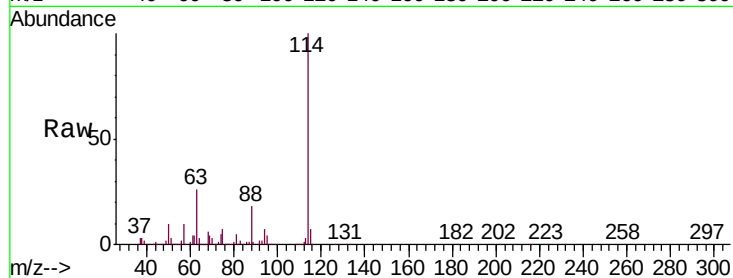
Tgt Ion: 63 Resp: 839592

Ion Ratio Lower Upper

63 100

41 0.0 62.0 93.0#

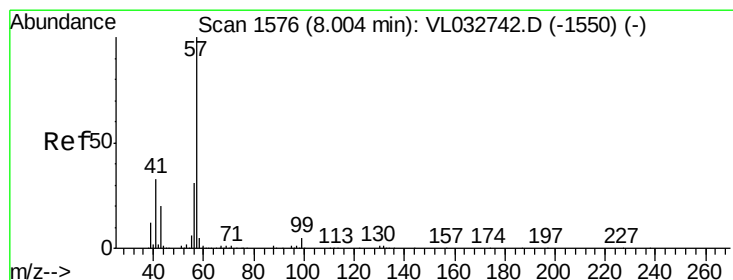
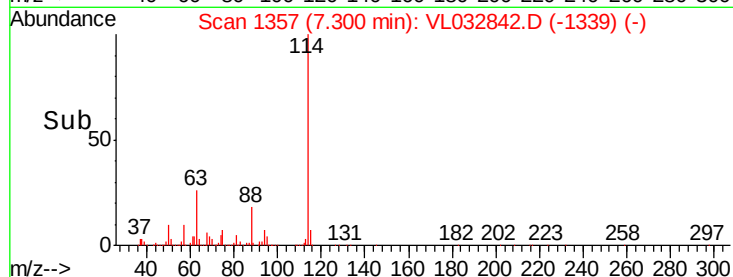
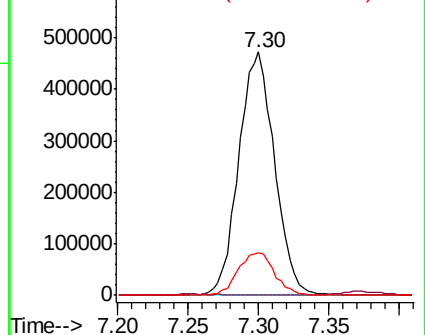
62 17.4 55.4 83.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.037 ppbv

RT: 8.00 min Scan# 1574

Delta R.T. -0.01 min

Lab File: VL032842.D

Acq: 29 Nov 2018 20:00

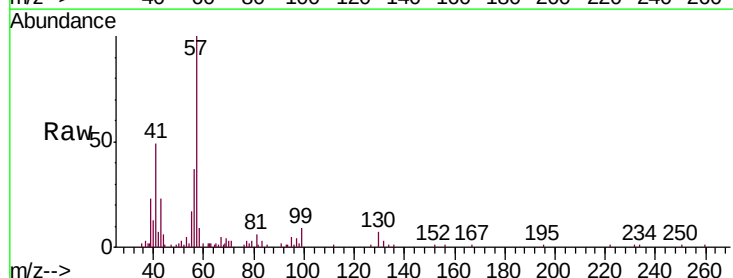
Tgt Ion: 57 Resp: 16297

Ion Ratio Lower Upper

57 100

41 172.7 26.6 39.8#

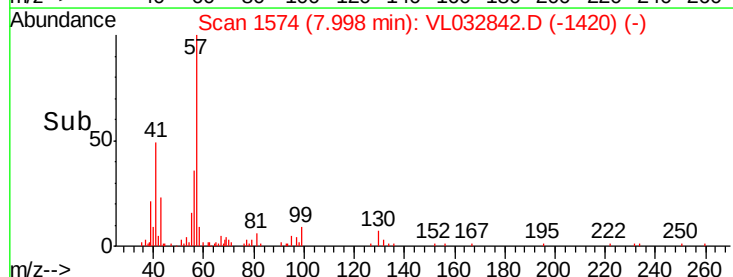
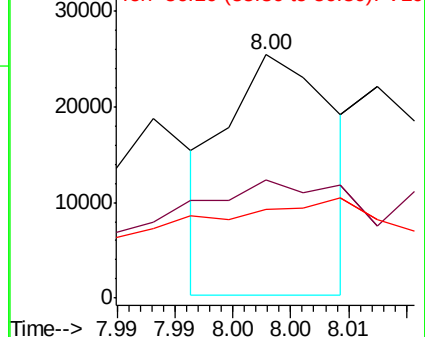
56 0.0 24.8 37.2#

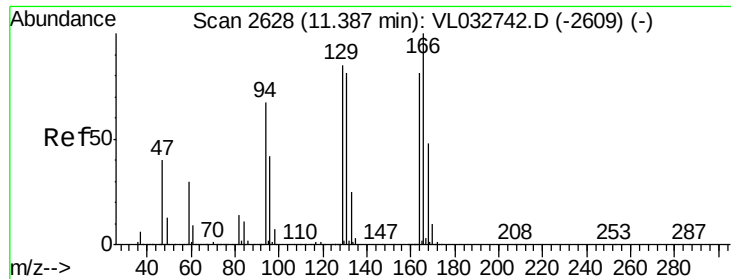


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

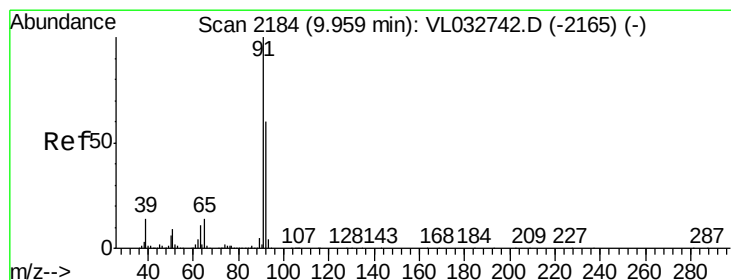
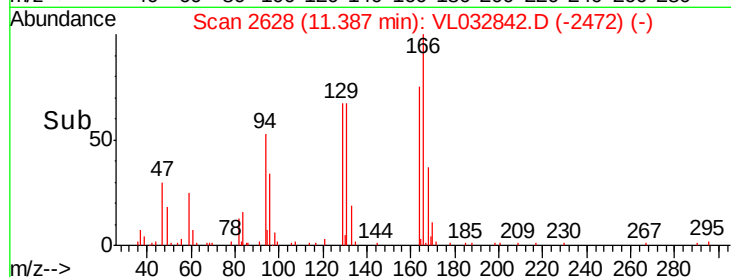
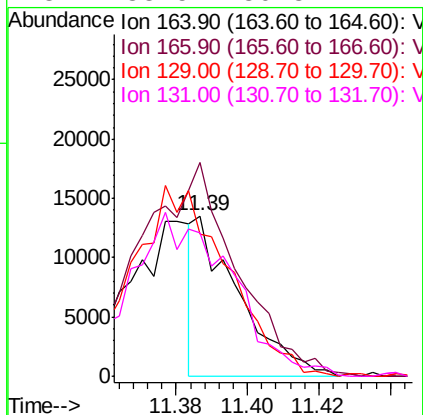
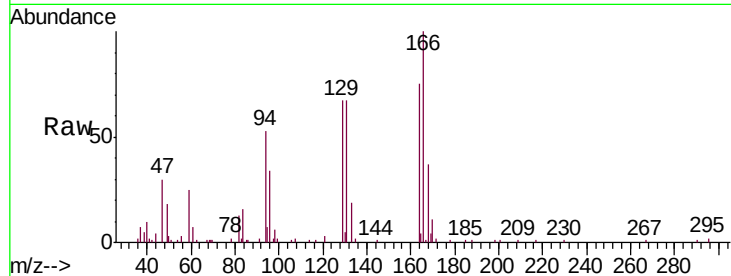




#52  
Tetrachloroethene  
Concen: 0.124 ppbv  
RT: 11.39 min Scan# 2628  
Delta R.T. 0.00 min  
Lab File: VL032842.D  
Acq: 29 Nov 2018 20:00

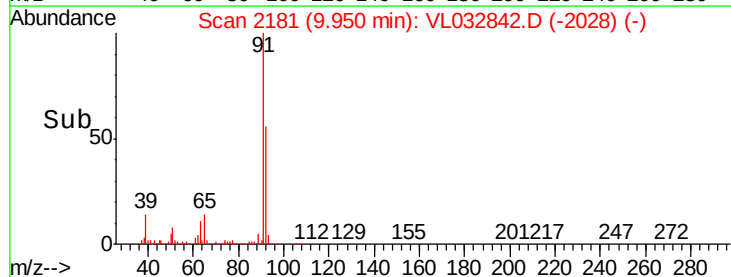
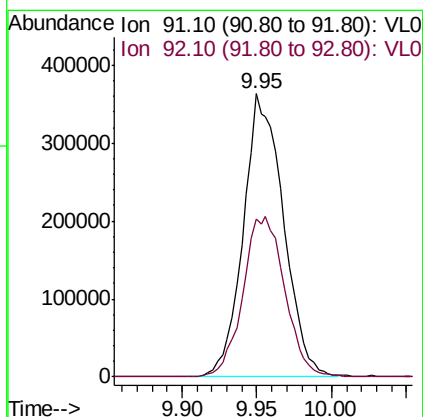
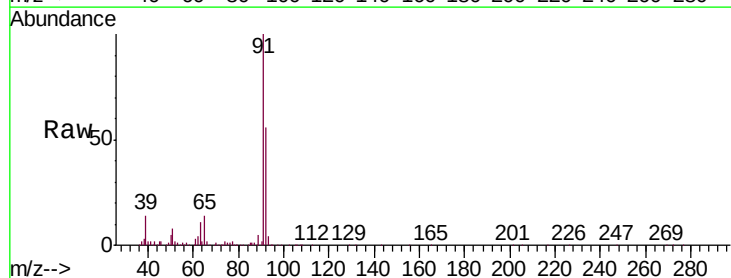
Instrument :  
MSVOA\_L  
ClientSampleId :  
IAS-3

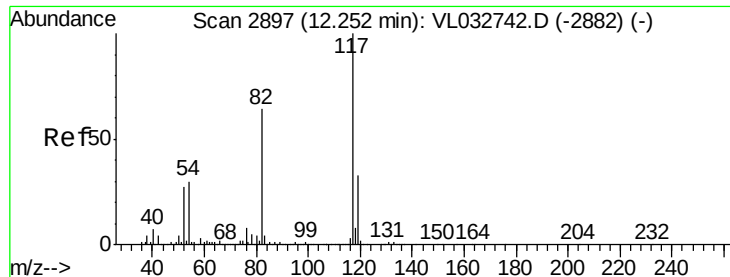
Tgt Ion:164 Resp: 11535  
Ion Ratio Lower Upper  
164 100  
166 124.2 99.3 148.9  
129 84.2 83.9 125.9  
131 83.5 80.8 121.2



#53  
Toluene  
Concen: 2.423 ppbv  
RT: 9.95 min Scan# 2181  
Delta R.T. -0.01 min  
Lab File: VL032842.D  
Acq: 29 Nov 2018 20:00

Tgt Ion: 91 Resp: 675144  
Ion Ratio Lower Upper  
91 100  
92 59.4 47.9 71.9

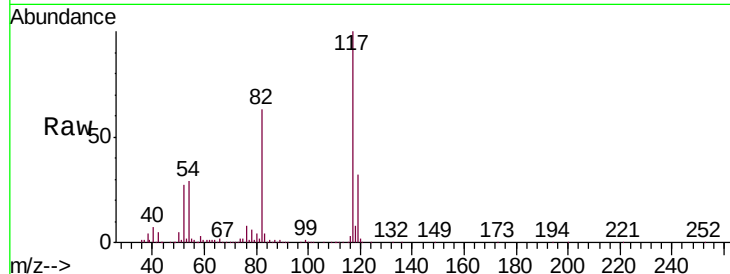




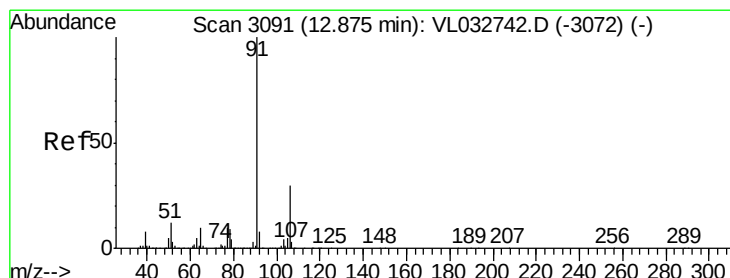
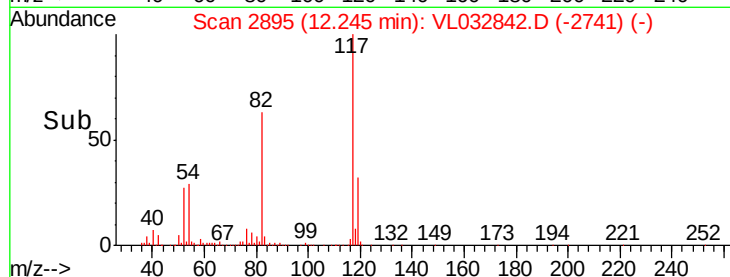
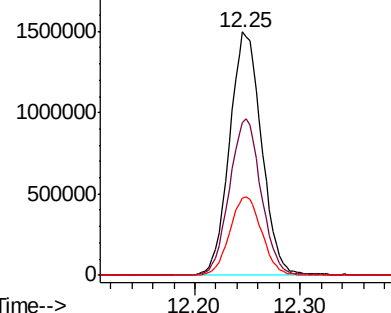
#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.25 min Scan# 2895  
Delta R.T. -0.01 min  
Lab File: VL032842.D  
Acq: 29 Nov 2018 20:00

Instrument :  
MSVOA\_L  
ClientSampleId :  
IAS-3

Tgt Ion:117 Resp: 3166274  
Ion Ratio Lower Upper  
117 100  
82 64.5 51.0 76.6  
119 32.5 28.0 42.0

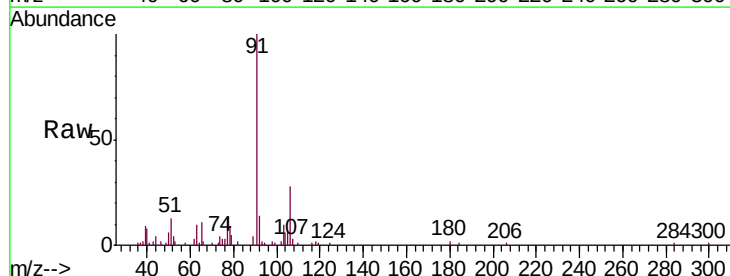


Abundance Ion 117.10 (116.80 to 117.80): V  
2000000 Ion 82.10 (81.80 to 82.80): VL0  
Ion 119.10 (118.80 to 119.80): V

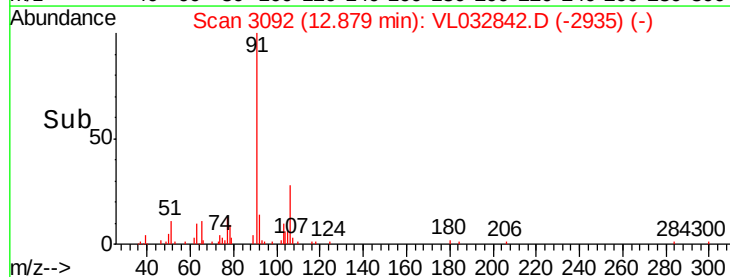
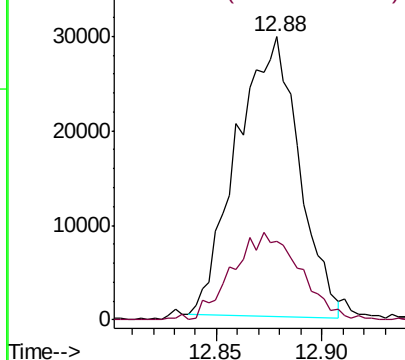


#58  
Ethyl Benzene  
Concen: 0.159 ppbv  
RT: 12.88 min Scan# 3092  
Delta R.T. 0.00 min  
Lab File: VL032842.D  
Acq: 29 Nov 2018 20:00

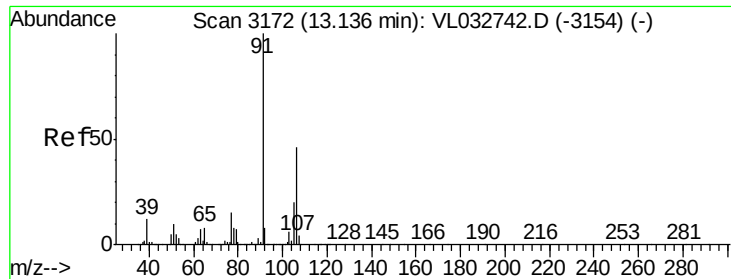
Tgt Ion: 91 Resp: 60746  
Ion Ratio Lower Upper  
91 100  
106 28.2 23.6 35.4



Abundance Ion 91.10 (90.80 to 91.80): VL0  
Ion 106.10 (105.80 to 106.80): V







#59

m/p-Xylene

Concen: 0.349 ppbv

RT: 13.13 min Scan# 3171

Delta R.T. -0.00 min

Lab File: VL032842.D

Acq: 29 Nov 2018 20:00

Instrument :

MSVOA\_L

ClientSampled :

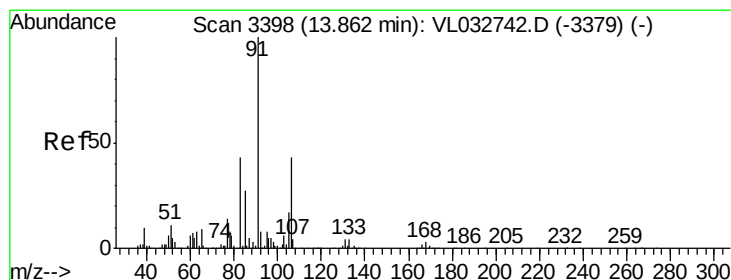
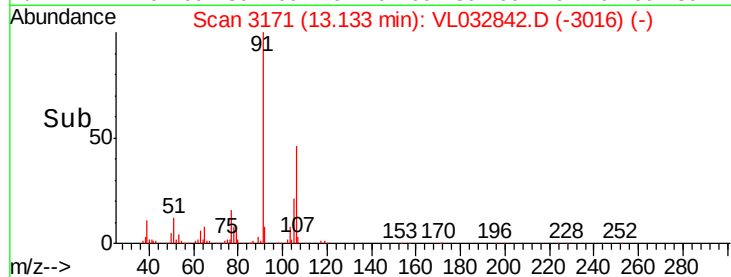
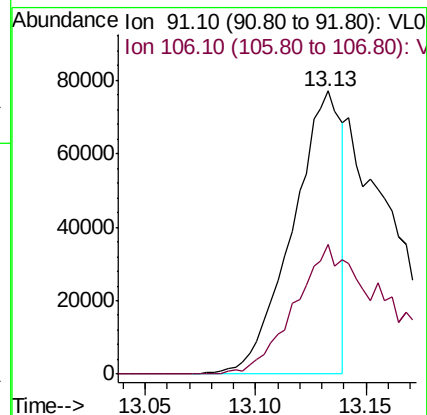
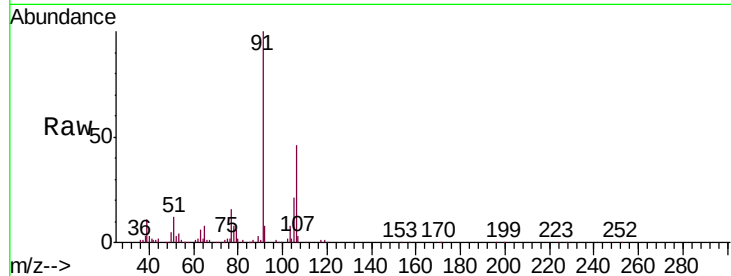
IAS-3

Tgt Ion: 91 Resp: 118501

Ion Ratio Lower Upper

91 100

106 85.1 36.1 54.1#



#60

o-Xylene

Concen: 0.163 ppbv

RT: 13.86 min Scan# 3396

Delta R.T. -0.01 min

Lab File: VL032842.D

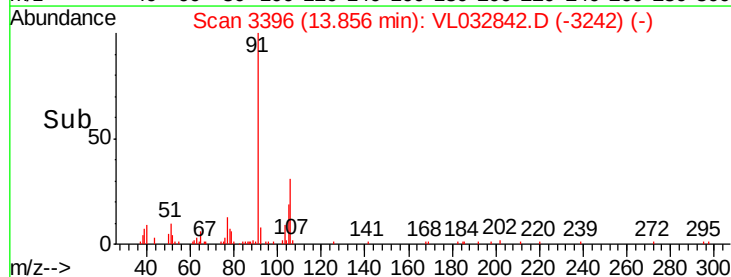
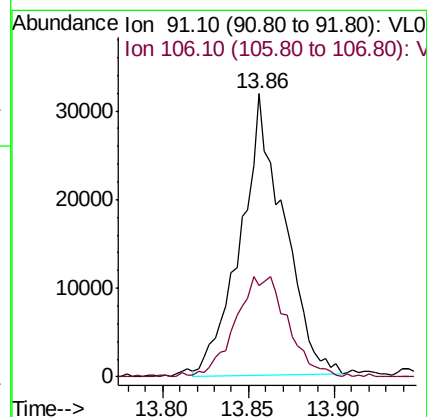
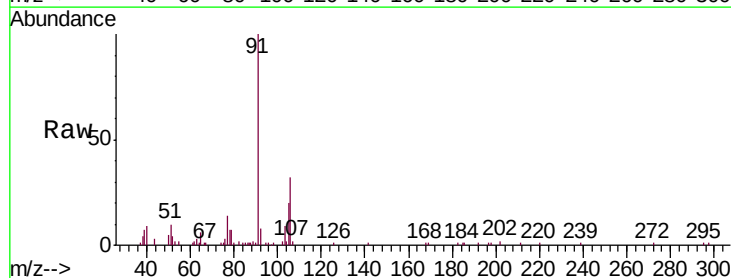
Acq: 29 Nov 2018 20:00

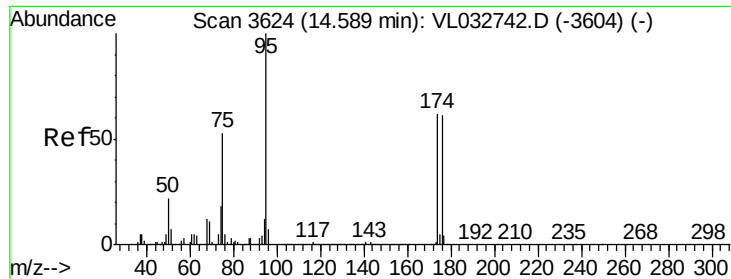
Tgt Ion: 91 Resp: 55467

Ion Ratio Lower Upper

91 100

106 43.5 21.9 65.7

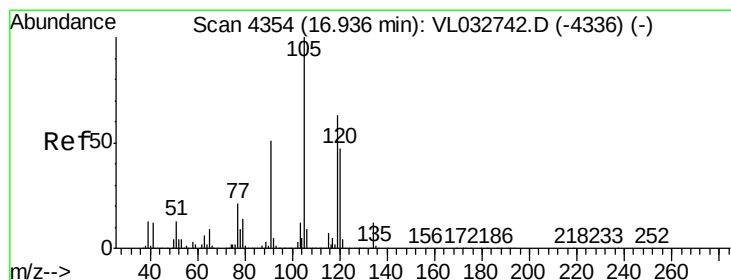
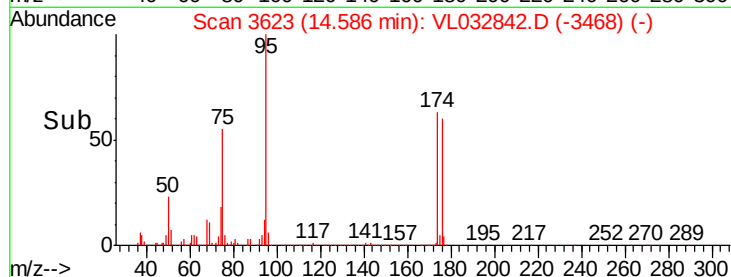
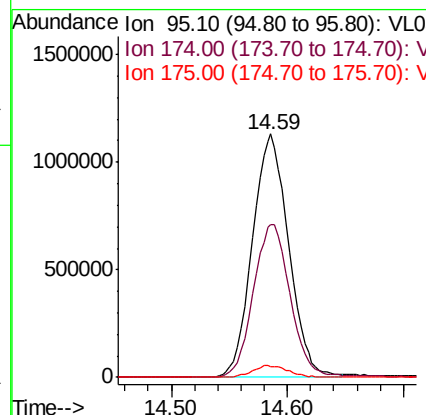
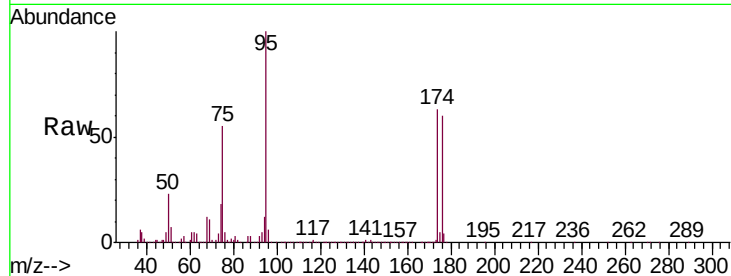




#68  
 1-Bromo-4-Fluorobenzene  
 Concen: 10.389 ppbv  
 RT: 14.59 min Scan# 3623  
 Delta R.T. -0.00 min  
 Lab File: VL032842.D  
 Acq: 29 Nov 2018 20:00

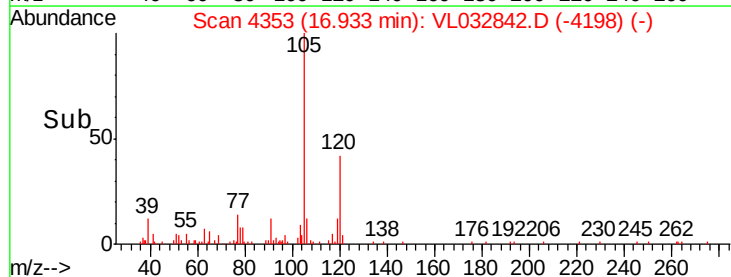
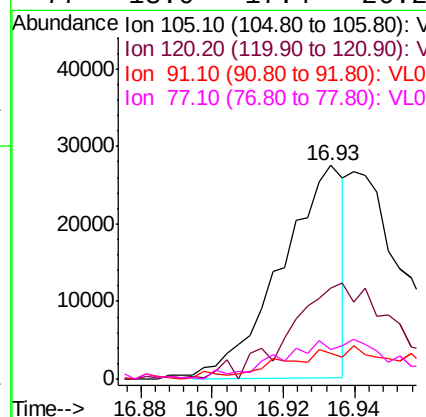
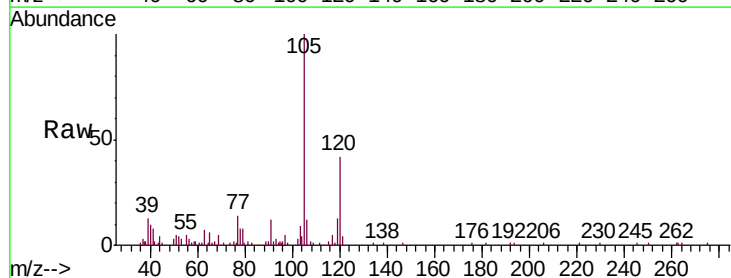
Instrument :  
 MSVOA\_L  
 ClientSampled :  
 IAS-3

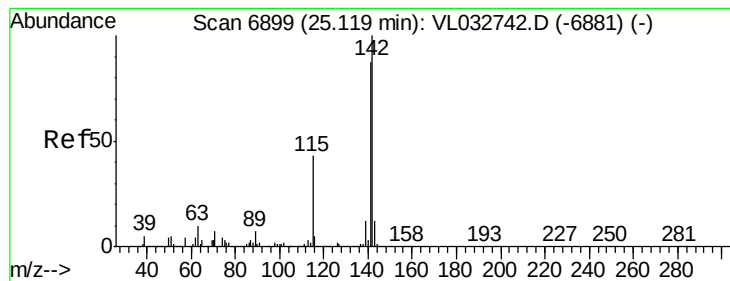
Tgt Ion: 95 Resp: 2460423  
 Ion Ratio Lower Upper  
 95 100  
 174 64.9 50.7 76.1  
 175 4.9 3.8 5.6



#74  
 1,2,4-Trimethylbenzene  
 Concen: 0.085 ppbv  
 RT: 16.93 min Scan# 4353  
 Delta R.T. -0.00 min  
 Lab File: VL032842.D  
 Acq: 29 Nov 2018 20:00

Tgt Ion: 105 Resp: 33194  
 Ion Ratio Lower Upper  
 105 100  
 120 41.5 37.6 56.4  
 91 11.4 42.5 63.7#  
 77 13.0 17.4 26.2#





#80

Naphthalene, 2-methyl-

Concen: 0.054 ppbv

RT: 25.12 min Scan# 6900

Delta R.T. 0.00 min

Lab File: VL032842.D

Acq: 29 Nov 2018 20:00

Instrument :

MSVOA\_L

ClientSampleId :

IAS-3

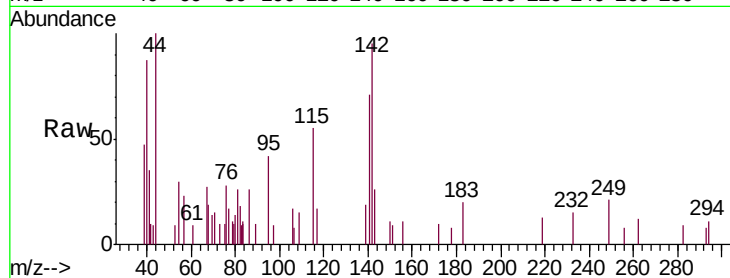
Tgt Ion:142 Resp: 3476

Ion Ratio Lower Upper

142 100

141 97.4 68.7 103.1

115 51.3 35.5 53.3



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

