Quantitation Report (Not Reviewed)

Instrument :
MSVOA_W
ClientSampleId :

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101624\
Data File : VW030621.D
Acq On    : 16 Oct 2024  19:13
Operator  : SY/MD
Sample    : P4414-11
Misc      : 5.68g/10mL/MSVOA_W/SOIL/A
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Oct 17 01:56:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title  : SFAM01.0
QLast Update : Thu Oct 17 01:53:12 2024
Response via : Initial Calibration

        Compound                     R.T. QIon  Response  Conc Units Dev(Min)
 -------------------------------------------------------------------------
 Internal Standards
   1) 1,4-Difluorobenzene          8.843  114     2995    25.000 ug/L   # 0.00
  28) Chlorobenzene-d5            11.635  117     2474    25.000 ug/L     0.00
  58) 1,4-Dichlorobenzene-d4      13.562  152      655    25.000 ug/L     0.00

 System Monitoring Compounds
   4) Vinyl Chloride-d3            2.357   65      932    19.797 ug/L    0.00
   Spiked Amount     25.000   Range  30 - 150    Recovery   =   79.200%
   7) Chloroethane-d5              2.893   69     1052    29.521 ug/L    0.00
   Spiked Amount     25.000   Range  30 - 150    Recovery   =  118.080%
  11) 1,1-Dichloroethene-d2        4.027   65      155     7.916 ug/L    0.00
   Spiked Amount     25.000   Range  45 - 110    Recovery   =   31.680%#
  21) 2-Butanone-d5                7.081   46       38     4.485 ug/L    0.00
   Spiked Amount     50.000   Range  20 - 135    Recovery   =    8.980%#
  24) Chloroform-d                 7.654   84     2163    25.254 ug/L    0.00
   Spiked Amount     25.000   Range  40 - 150    Recovery   =  101.000%
  26) 1,2-Dichloroethane-d4        8.301   65      639    14.347 ug/L    0.00
   Spiked Amount     25.000   Range  70 - 130    Recovery   =   57.400%#
  32) Benzene-d6                   8.276   84     3296    22.954 ug/L    0.00
   Spiked Amount     25.000   Range  20 - 135    Recovery   =   91.800%
  36) 1,2-Dichloropropane-d6       9.270   67     1328    31.510 ug/L    0.00
   Spiked Amount     25.000   Range  70 - 120    Recovery   =  126.040%#
  41) Toluene-d8                  10.325   98     1759    13.419 ug/L    0.00
   Spiked Amount     25.000   Range  30 - 130    Recovery   =   53.680%
  43) trans-1,3-Dichloroprop...   10.587   79      239    13.543 ug/L    0.01
   Spiked Amount     25.000   Range  30 - 135    Recovery   =   54.160%
  47) 2-Hexanone-d5               10.953   63       41     7.553 ug/L    0.03
   Spiked Amount     50.000   Range  20 - 135    Recovery   =   15.100%#
  56) 1,1,2,2-Tetrachloroeth...   12.696   84     1014    32.761 ug/L    0.00
   Spiked Amount     25.000   Range  45 - 120    Recovery   =  131.040%#
  66) 1,2-Dichlorobenzene-d4      13.562  152      655    29.554 ug/L   -0.29
   Spiked Amount     25.000   Range  75 - 120    Recovery   =  118.200%

 Target Compounds                                                 Qvalue
   2) Dichlorodifluoromethane      1.954   85       30     0.784 ug/L #     1
   3) Chloromethane                2.155   50       90     2.024 ug/L      85
   8) Chloroethane                 2.936   64       46     1.376 ug/L #    43
  10) 1,1,2-Trichloro-1,2,2-...    3.978  101       42     0.954 ug/L #    21
  12) 1,1-Dichloroethene           4.076   96       42     1.045 ug/L #     2
  13) Acetone                      4.143   43      498    40.151 ug/L      74
  14) Carbon disulfide             4.393   76       75     0.572 ug/L #    75
  15) Methyl Acetate               4.710   43      192    12.532 ug/L      95
  18) Methyl tert-butyl Ether      5.399   73       68     1.121 ug/L #    33
  19) 1,1-Dichloroethane           6.216   63       95     1.179 ug/L #    49
  20) cis-1,2-Dichloroethene       7.039   96       66     1.427 ug/L #     1
  22) 2-Butanone                   7.155   43       98     7.330 ug/L      94
  25) Chloroform                   7.746   83       45     0.523 ug/L #    74
  27) 1,2-Dichloroethane           8.410   62       63     1.109 ug/L #    76
  29) Cyclohexane                  7.959   56       28     0.465 ug/L #    14
  31) Carbon tetrachloride         7.923  117       41     0.699 ug/L #     1
  34) Trichloroethene              9.258   95       67     1.496 ug/L #     5
  35) Methylcyclohexane            9.337   83       75     1.064 ug/L #    65
  37) 1,2-Dichloropropane          9.337   63       41     1.020 ug/L #     1
```

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101624\
Data File : VW030621.D
Acq On : 16 Oct 2024 19:13
Operator : SY/MD
Sample : P4414-11
Misc : 5.68g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 17 01:56:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 17 01:53:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
38) Bromodichloromethane	9.874	83	53	0.991 ug/L #	25
40) 4-Methyl-2-pentanone	10.209	43	127	6.574 ug/L #	43
42) Toluene	10.380	91	206	1.199 ug/L	93
44) trans-1,3-Dichloropropene	10.776	75	52	1.020 ug/L #	44
45) 1,1,2-Trichloroethane	10.721	97	50	1.721 ug/L #	16
48) 2-Hexanone	10.971	43	159	10.065 ug/L #	43
53) m,p-Xylene	11.916	106	40	0.545 ug/L #	1
54) o-Xylene	11.916	106	40	0.589 ug/L #	1
57) 1,1,2,2-Tetrachloroethane	12.544	83	21	0.641 ug/L #	27
60) Isopropylbenzene	12.910	105	72	0.710 ug/L #	55
61) 1,2,3-Trichloropropane	12.873	75	45	3.531 ug/L #	49
62) 1,3,5-Trimethylbenzene	12.952	105	40	0.500 ug/L #	29
63) 1,2,4-Trimethylbenzene	12.952	105	40	0.511 ug/L #	31
71) Naphthalene	14.976	128	46	1.136 ug/L #	1

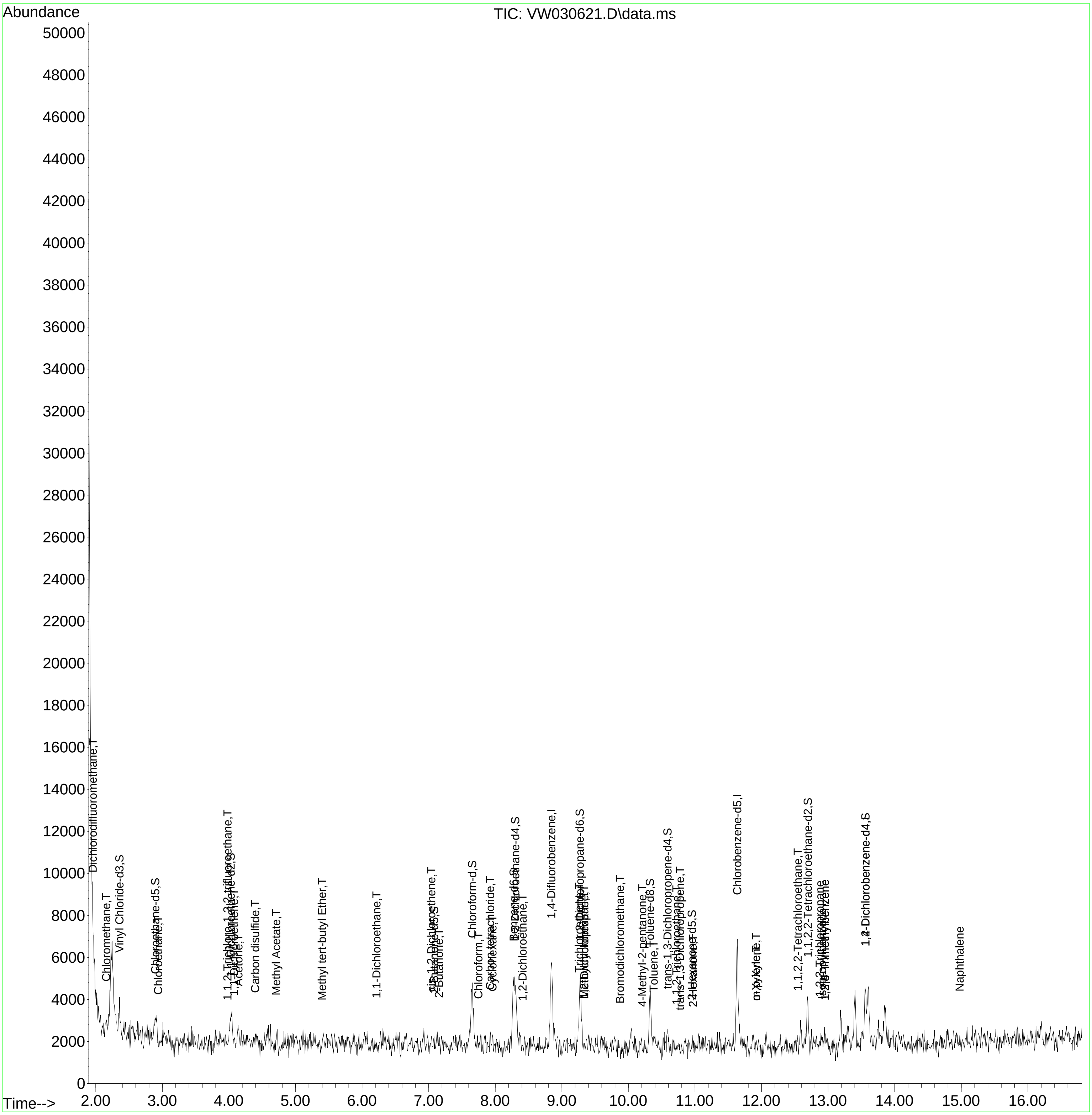
(#) = qualifier out of range (m) = manual integration (+) = signals summed

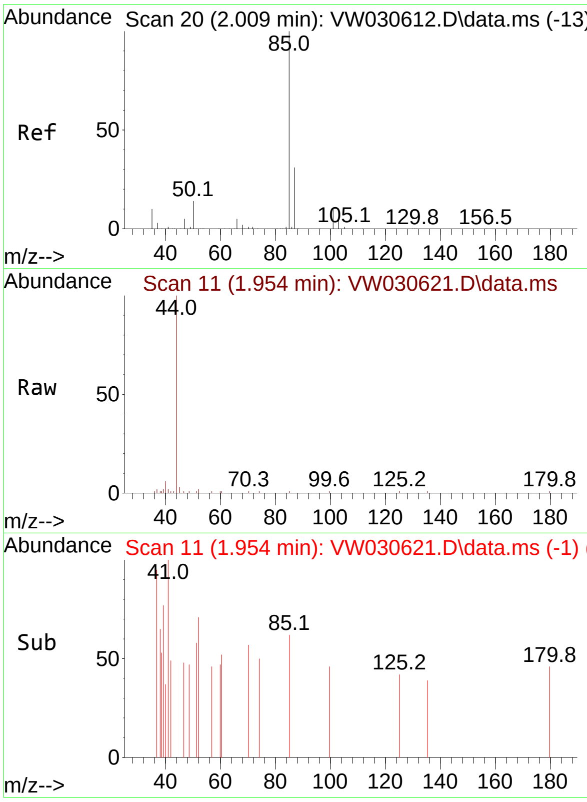
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101624\
Data File : VW030621.D
Acq On : 16 Oct 2024 19:13
Operator : SY/MD
Sample : P4414-11
Misc : 5.68g/10mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 17 01:56:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 17 01:53:12 2024
Response via : Initial Calibration



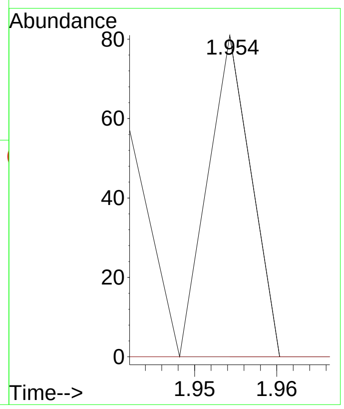


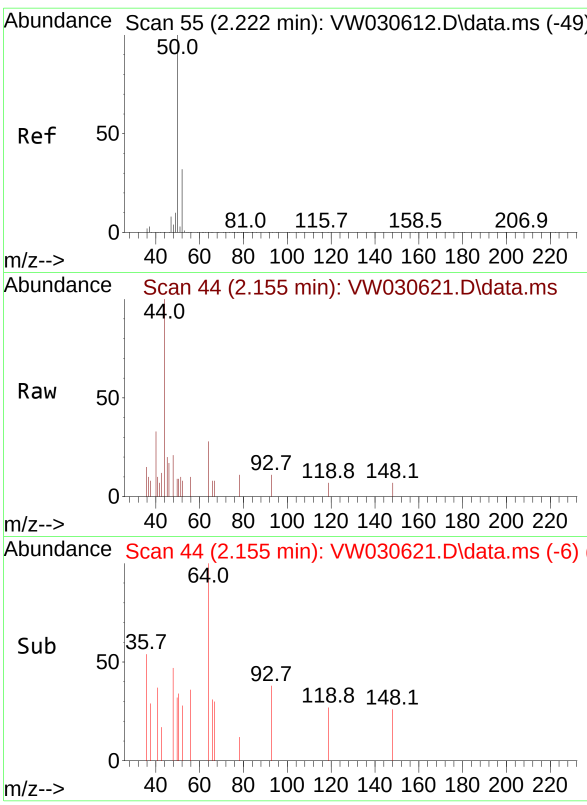
#2
Dichlorodifluoromethane
Concen: 0.784 ug/L
RT: 1.954 min Scan# 1
Delta R.T. -0.055 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 85 Resp: 30

Ion	Ratio	Lower	Upper
85	100		
87	226.7	23.8	35.6#

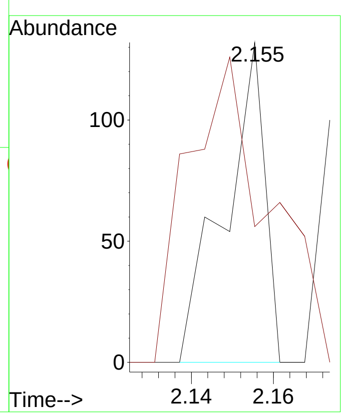


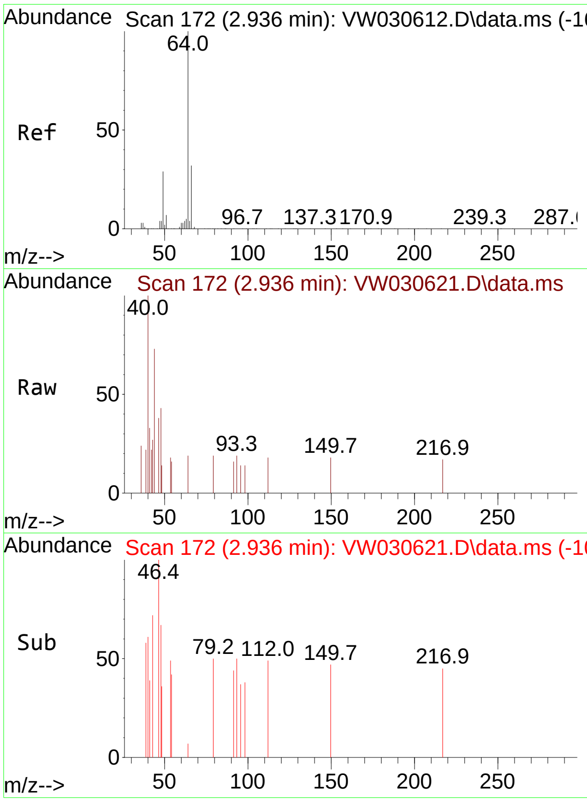


#3
Chloromethane
Concen: 2.024 ug/L
RT: 2.155 min Scan# 44
Delta R.T. -0.067 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Tgt Ion: 50 Resp: 90

Ion	Ratio	Lower	Upper
50	100		
52	42.4	23.7	43.9





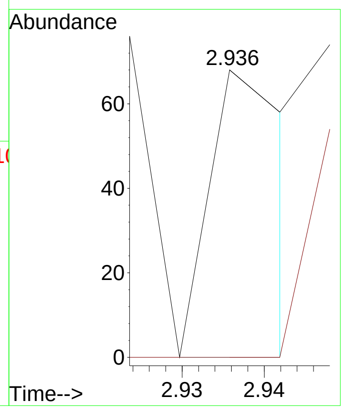
#8
Chloroethane
Concen: 1.376 ug/L
RT: 2.936 min Scan# 1

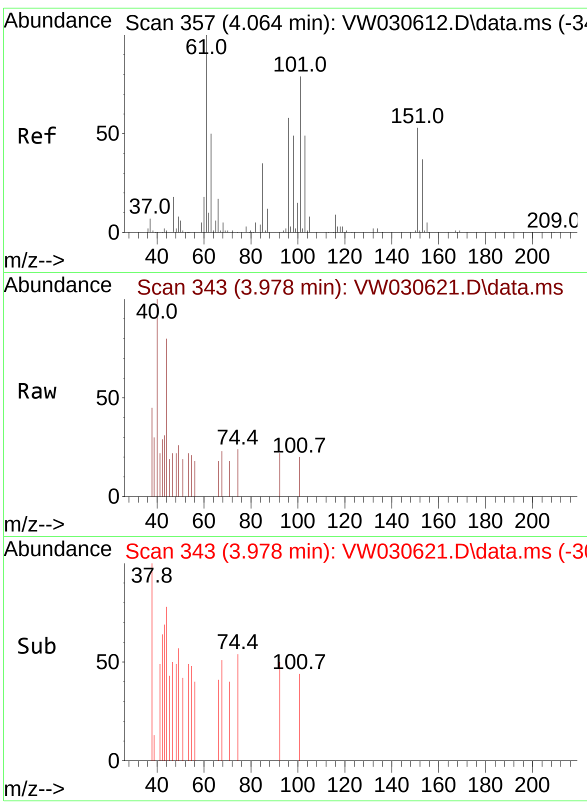
Instrument :
MSVOA_W
ClientSampleId :

Delta R.T. 0.000 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Tgt Ion: 64 Resp: 46

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.3	41.5#

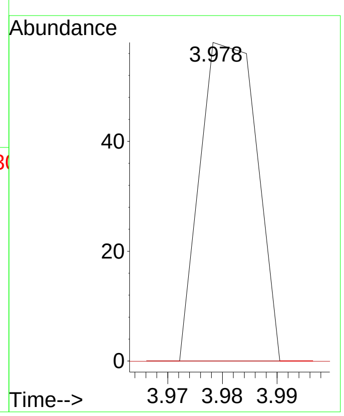


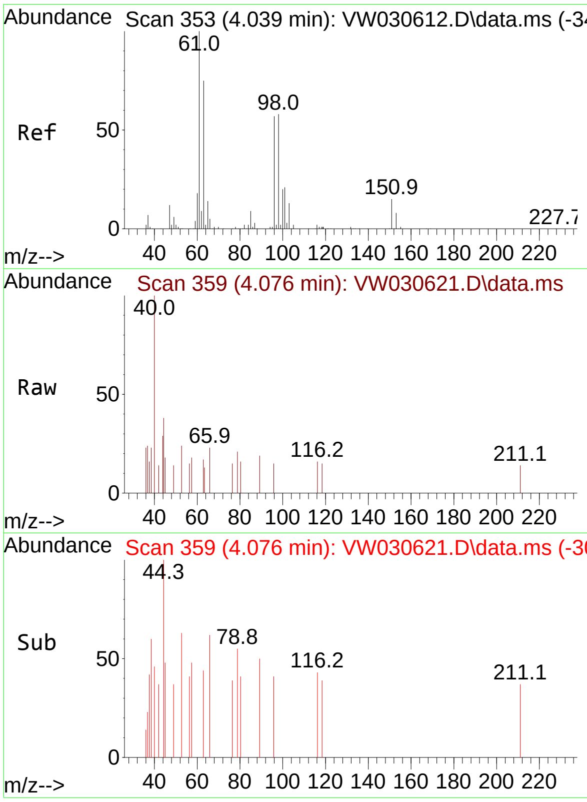


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.954 ug/L
RT: 3.978 min Scan# 343
Delta R.T. -0.085 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Tgt Ion:101 Resp: 42

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.7	53.5#
151	0.0	56.1	84.1#



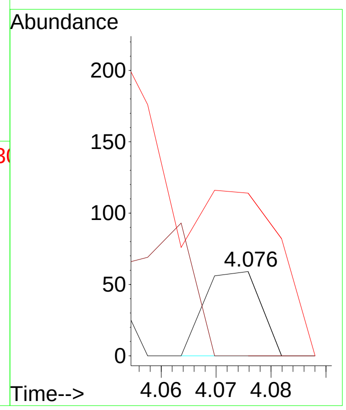


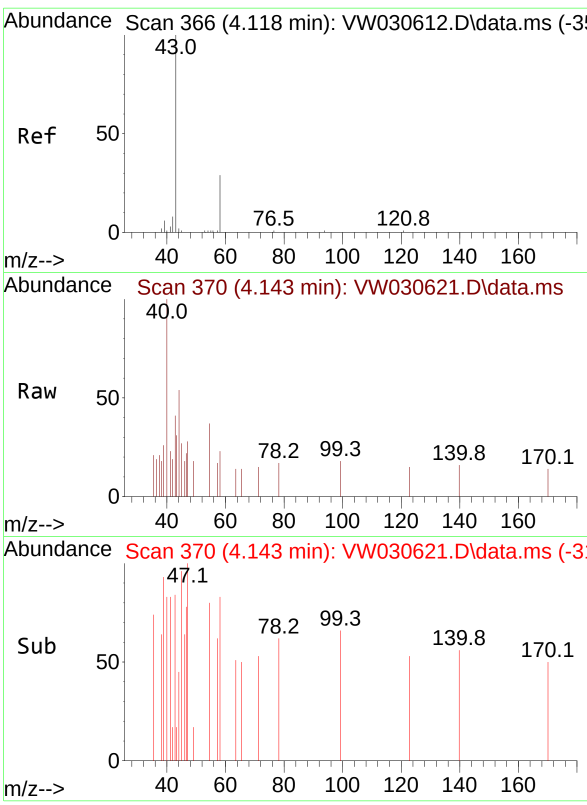
#12
1,1-Dichloroethene
Concen: 1.045 ug/L
RT: 4.076 min Scan# 3
Delta R.T. 0.037 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 96 Resp: 42

Ion	Ratio	Lower	Upper
96	100		
61	0.0	121.3	225.3#
63	193.2	87.6	162.8#

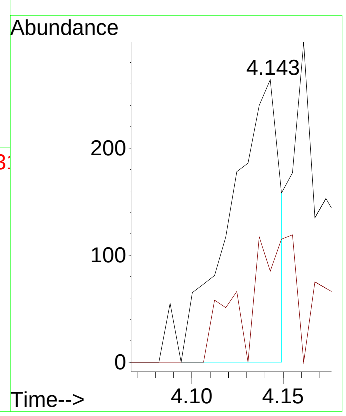


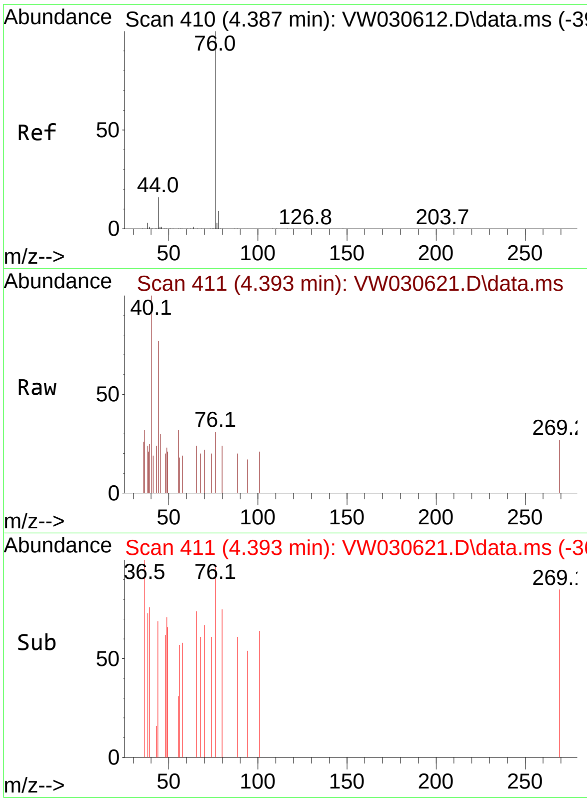


#13
Acetone
Concen: 40.151 ug/L
RT: 4.143 min Scan# 370
Delta R.T. 0.024 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Tgt Ion: 43 Resp: 498

Ion	Ratio	Lower	Upper
43	100		
58	14.9	0.0	57.6



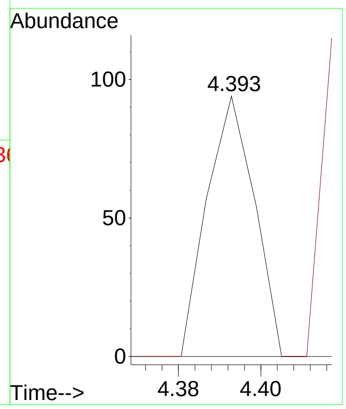


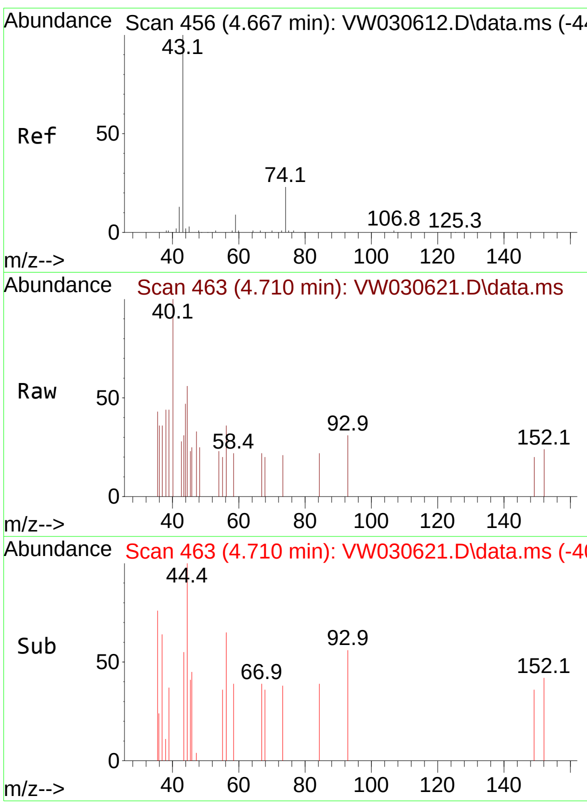
#14
Carbon disulfide
Concen: 0.572 ug/L
RT: 4.393 min   Scan# 41
Delta R.T.   0.006 min
Lab File: VW030621.D
Acq: 16 Oct 2024   19:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 76 Resp: 75

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#

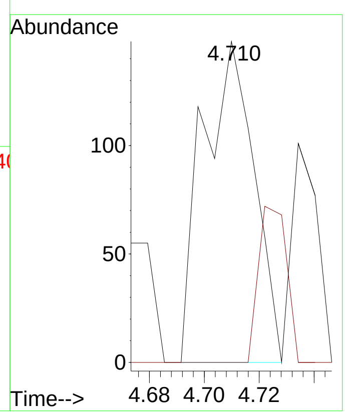


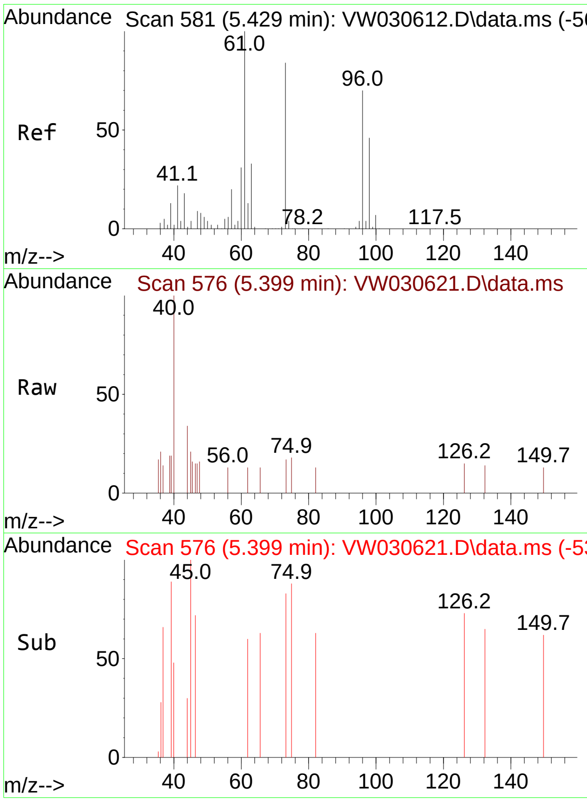


#15
Methyl Acetate
Concen: 12.532 ug/L
RT: 4.710 min   Scan# 463
Delta R.T.   0.043 min
Lab File: VW030621.D
Acq: 16 Oct 2024   19:13

Tgt Ion: 43 Resp: 192

Ion	Ratio	Lower	Upper
43	100		
74	26.6	19.3	28.9



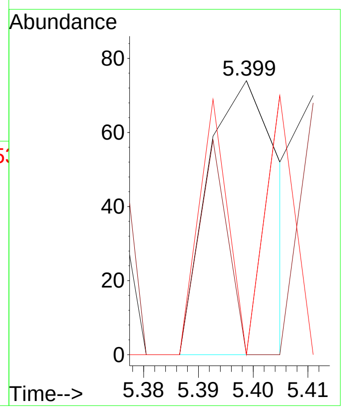


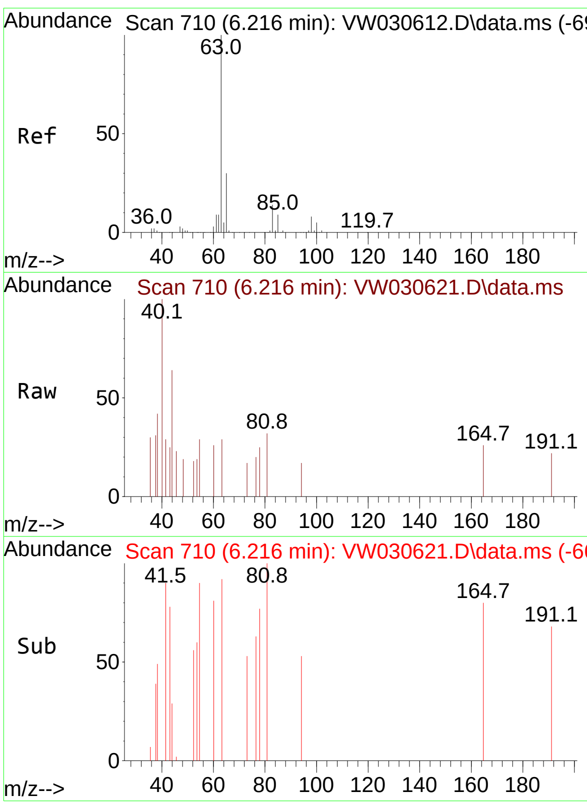
#18
Methyl tert-butyl Ether
Concen: 1.121 ug/L
RT: 5.399 min Scan# 5
Delta R.T. -0.030 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 73 Resp: 68

Ion	Ratio	Lower	Upper
73	100		
43	70.6	18.1	27.1#
57	38.2	17.7	26.5#

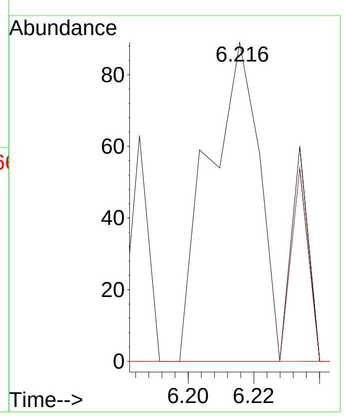


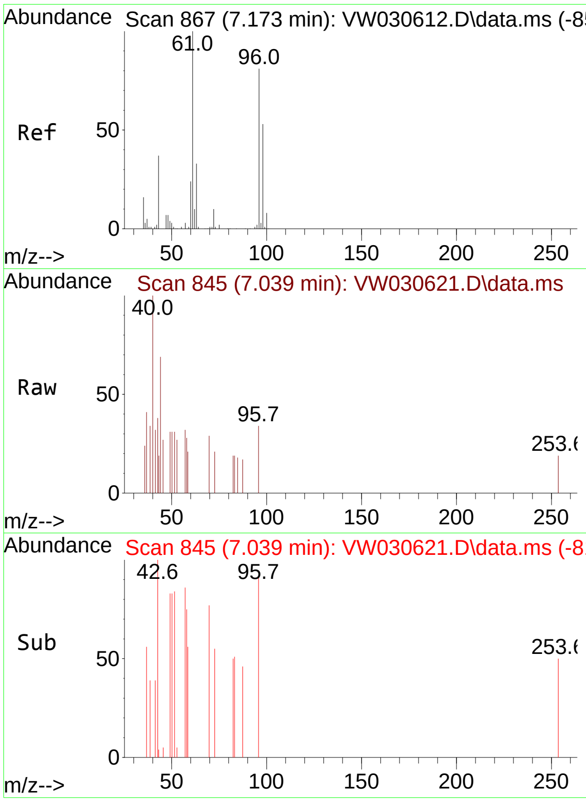


#19
1,1-Dichloroethane
Concen: 1.179 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Tgt Ion: 63 Resp: 95

Ion	Ratio	Lower	Upper
63	100		
65	0.0	22.5	41.9#
83	0.0	9.8	18.2#



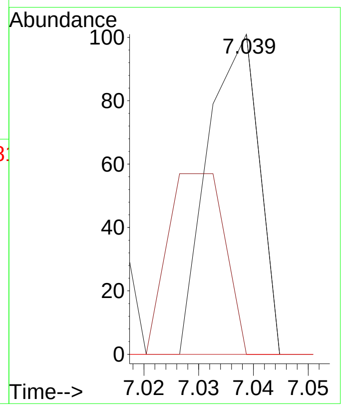


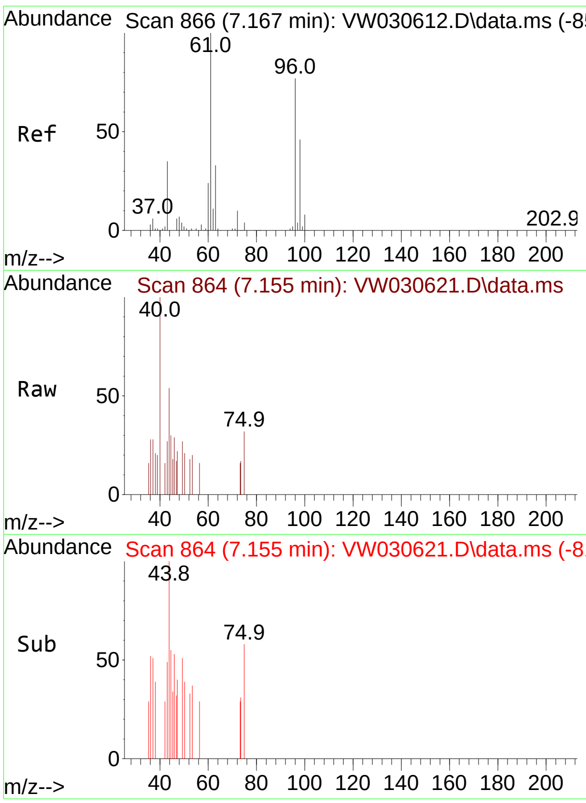
#20
cis-1,2-Dichloroethene
Concen: 1.427 ug/L
RT: 7.039 min   Scan# 84
Delta R.T.   -0.134 min
Lab File: VW030621.D
Acq: 16 Oct 2024   19:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 96 Resp: 66

Ion	Ratio	Lower	Upper
96	100		
61	0.0	88.3	163.9#
98	0.0	41.3	76.7#

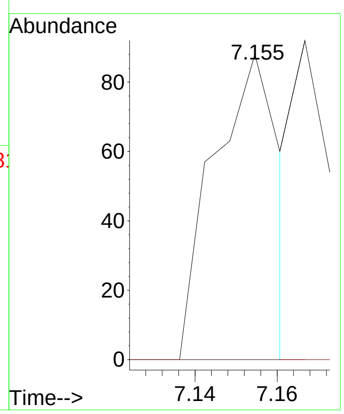


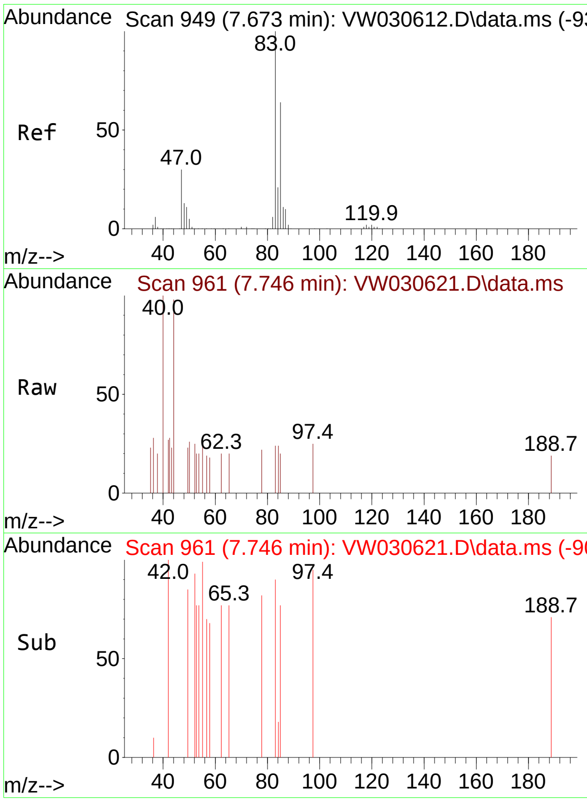


#22
2-Butanone
Concen: 7.330 ug/L
RT: 7.155 min   Scan# 864
Delta R.T.   -0.012 min
Lab File: VW030621.D
Acq: 16 Oct 2024   19:13

Tgt Ion: 43 Resp: 98

Ion	Ratio	Lower	Upper
43	100		
72	25.5	14.4	43.0



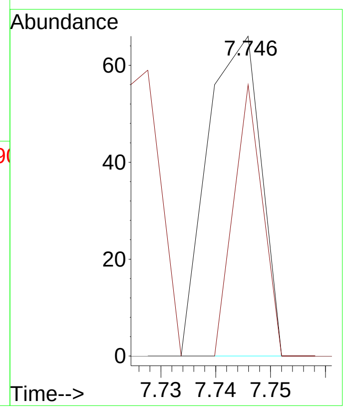


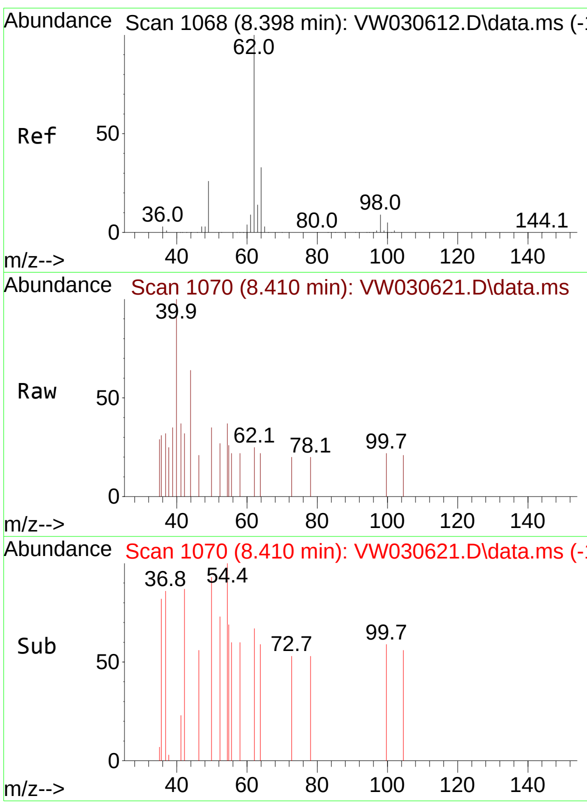
#25
Chloroform
Concen: 0.523 ug/L
RT: 7.746 min   Scan# 9
Delta R.T.   0.073 min
Lab File: VW030621.D
Acq: 16 Oct 2024   19:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 45

Ion	Ratio	Lower	Upper
83	100		
85	84.8	45.1	83.7#

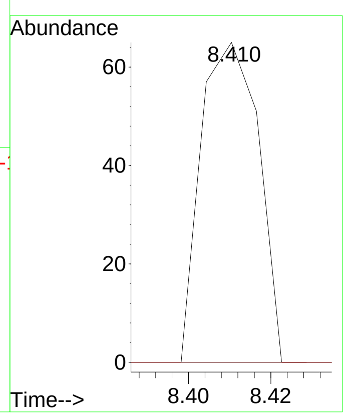


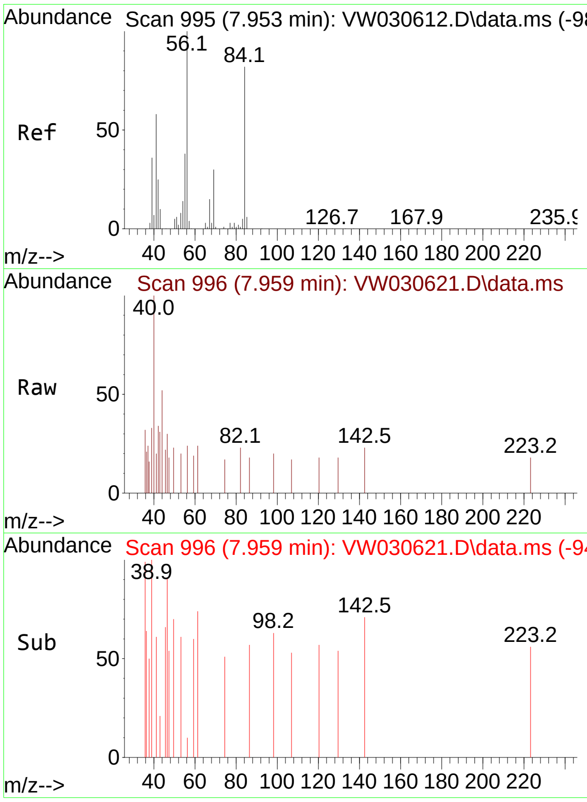


#27
1,2-Dichloroethane
Concen: 1.109 ug/L
RT: 8.410 min   Scan# 1070
Delta R.T.   0.012 min
Lab File: VW030621.D
Acq: 16 Oct 2024   19:13

Tgt Ion: 62 Resp: 63

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.6#



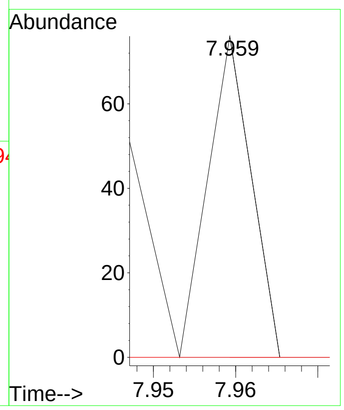


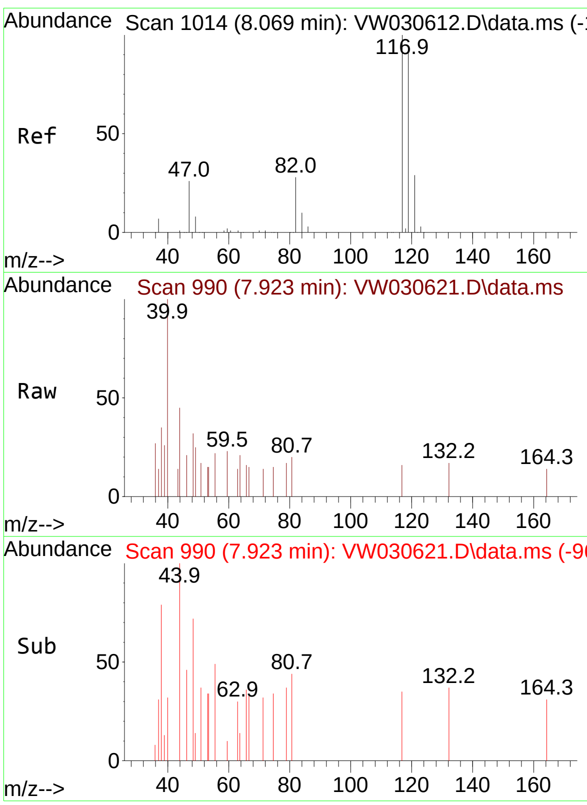
#29
Cyclohexane
Concen: 0.465 ug/L
RT: 7.959 min Scan# 99
Delta R.T. 0.006 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 28

Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.4	38.0#
84	0.0	72.3	108.5#

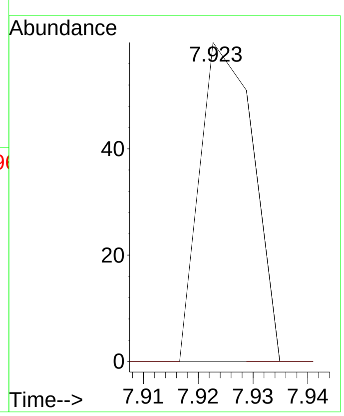


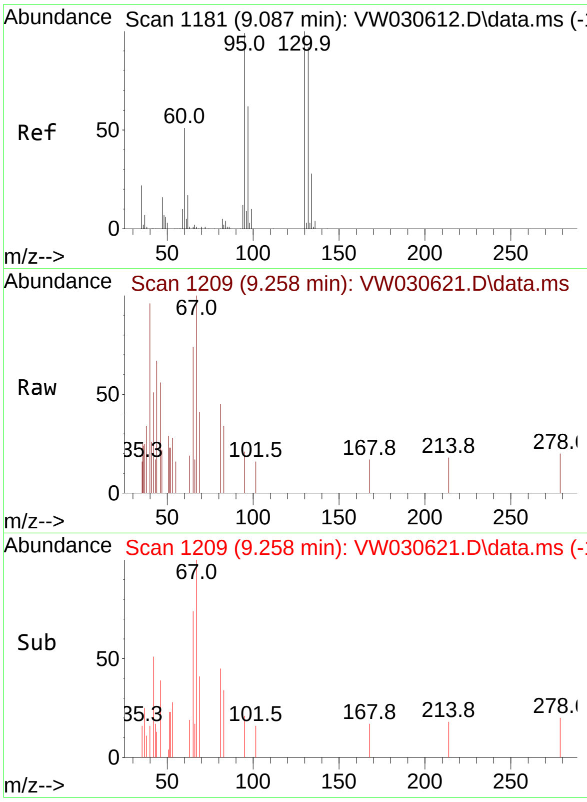


#31
Carbon tetrachloride
Concen: 0.699 ug/L
RT: 7.923 min Scan# 990
Delta R.T. -0.146 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Tgt Ion:117 Resp: 41

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.8	116.8#



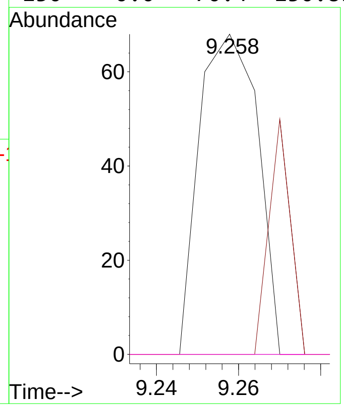


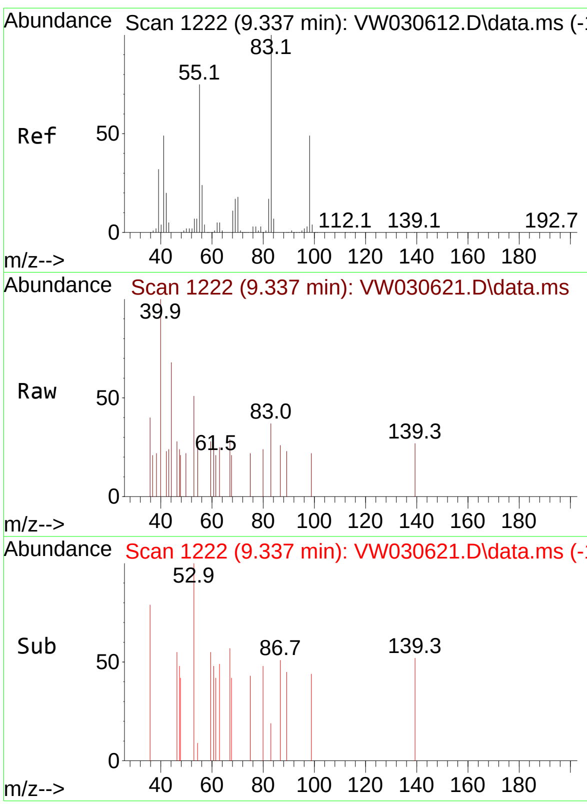
#34
Trichloroethene
Concen: 1.496 ug/L
RT: 9.258 min Scan# 1
Delta R.T. 0.171 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 67

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.9	85.3#
132	0.0	66.4	123.2#
130	0.0	70.4	130.8#

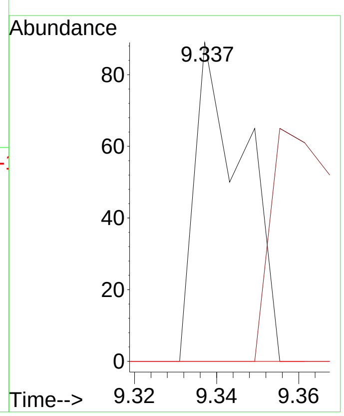


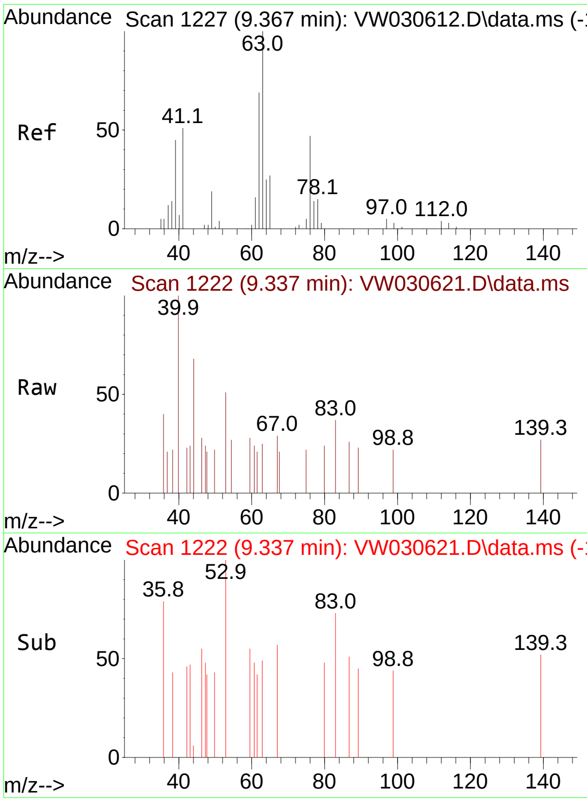


#35
Methylcyclohexane
Concen: 1.064 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Tgt Ion: 83 Resp: 75

Ion	Ratio	Lower	Upper
83	100		
55	86.7	61.8	92.8
98	0.0	39.3	58.9#



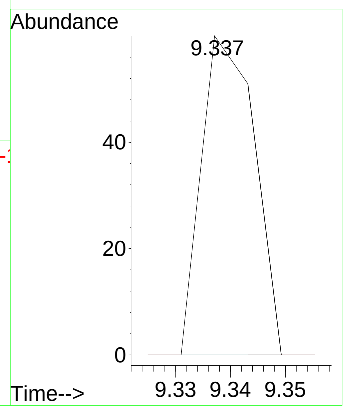


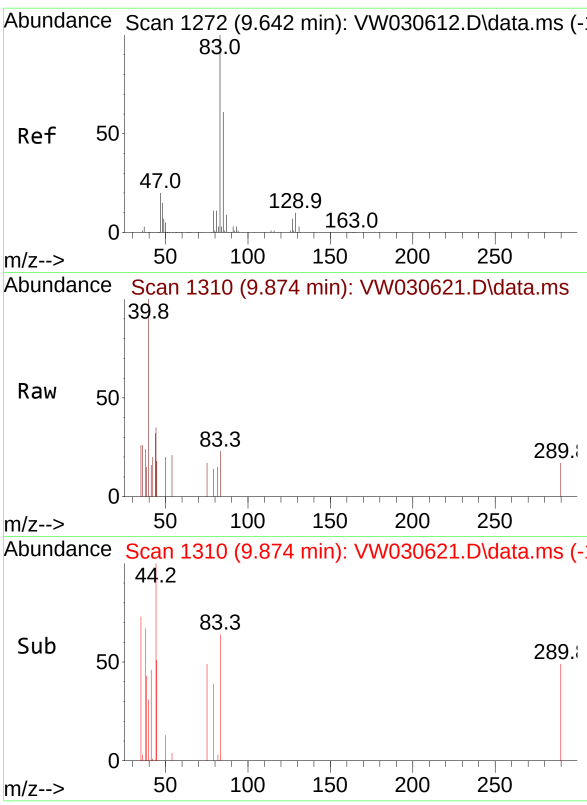
#37
1,2-Dichloropropane
Concen: 1.020 ug/L
RT: 9.337 min Scan# 1
Delta R.T. -0.030 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 63 Resp: 41

Ion	Ratio	Lower	Upper
63	100		
112	117.1	3.7	5.5#

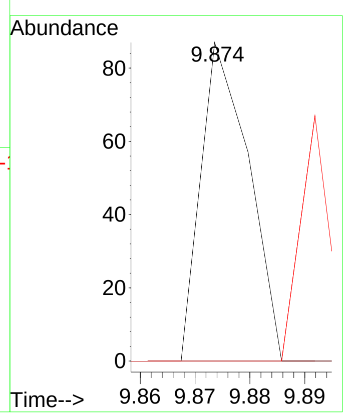


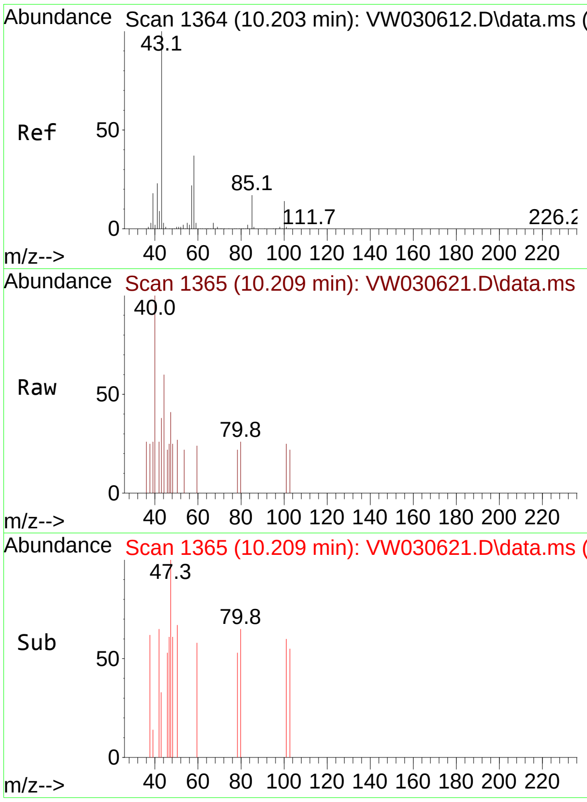


#38
Bromodichloromethane
Concen: 0.991 ug/L
RT: 9.874 min Scan# 1310
Delta R.T. 0.232 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Tgt Ion: 83 Resp: 53

Ion	Ratio	Lower	Upper
83	100		
85	0.0	44.2	82.0#
127	0.0	6.2	9.4#



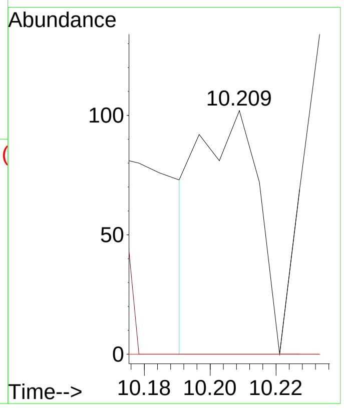


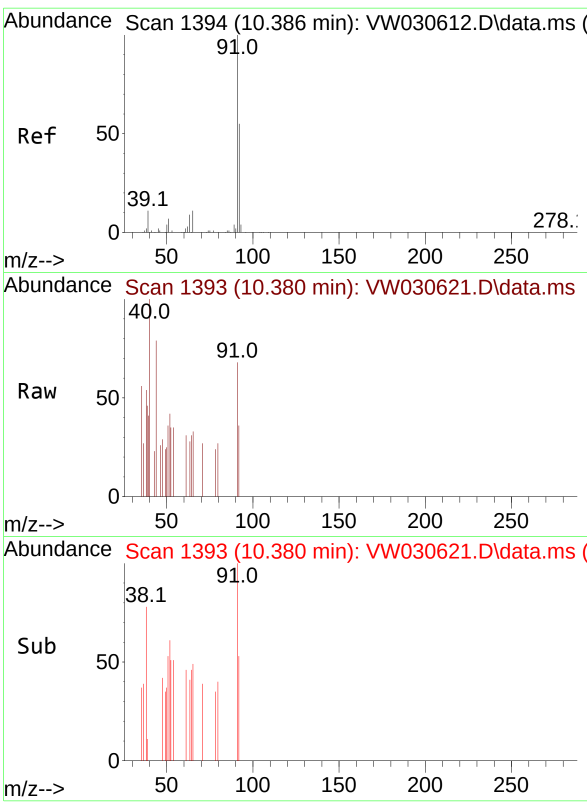
#40
4-Methyl-2-pentanone
Concen: 6.574 ug/L
RT: 10.209 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 127

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.4	47.2#
100	0.0	13.1	19.7#

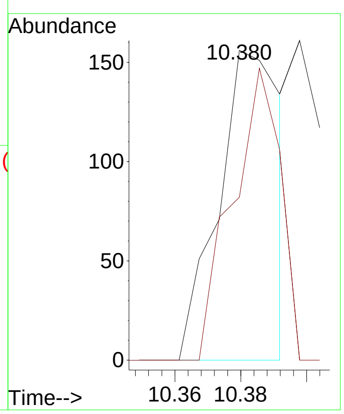


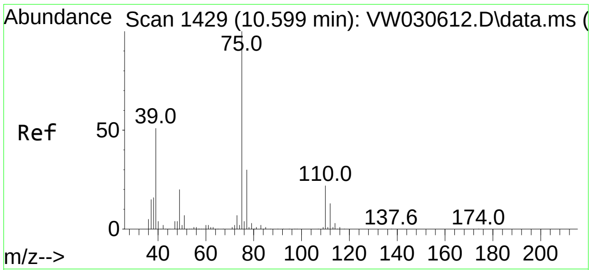


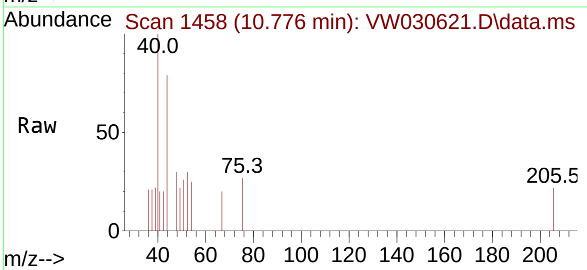
#42
Toluene
Concen: 1.199 ug/L
RT: 10.380 min Scan# 1393
Delta R.T. -0.006 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

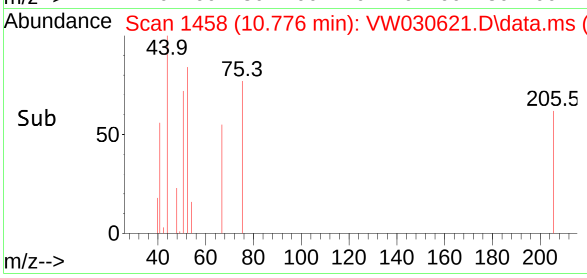
Tgt Ion: 91 Resp: 206

Ion	Ratio	Lower	Upper
91	100		
92	52.6	40.3	74.8







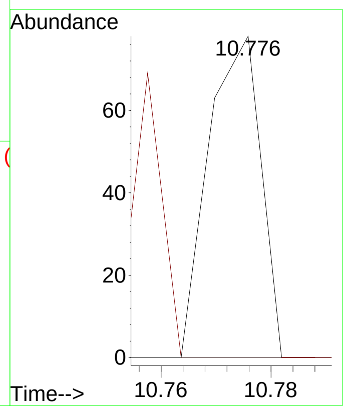


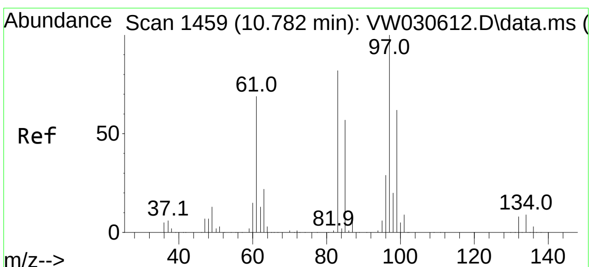
#44
trans-1,3-Dichloropropene
Concen: 1.020 ug/L
RT: 10.776 min Scan# 14
Delta R.T. 0.177 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

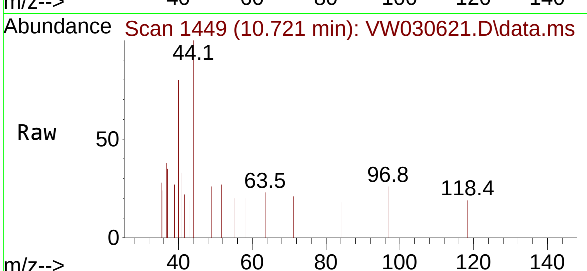
Instrument :
MSVOA_W
ClientSampleId :

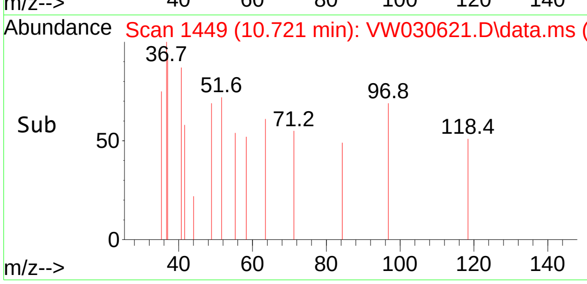
Tgt Ion: 75 Resp: 52

Ion	Ratio	Lower	Upper
75	100		
77	0.0	21.6	40.2#





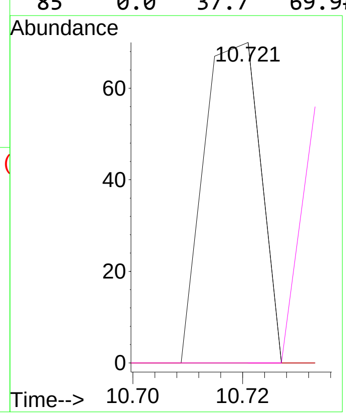


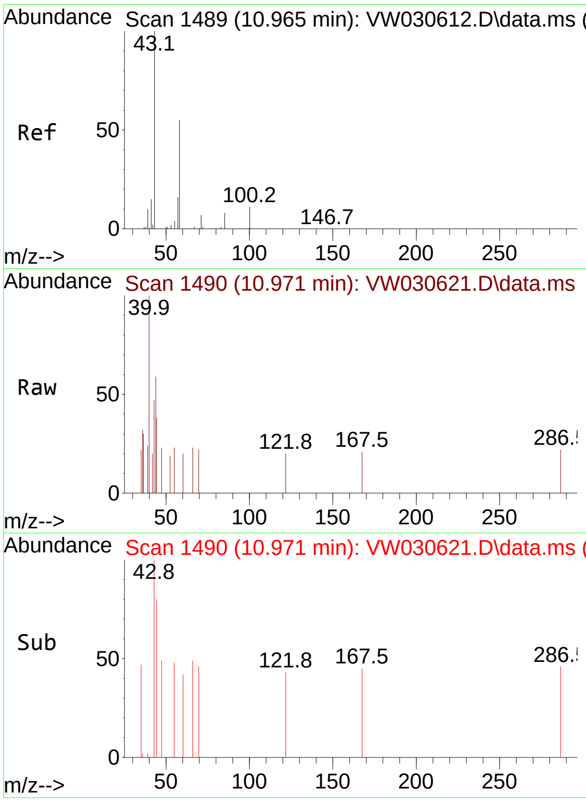


#45
1,1,2-Trichloroethane
Concen: 1.721 ug/L
RT: 10.721 min Scan# 1449
Delta R.T. -0.061 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Tgt Ion: 97 Resp: 50

Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.2	76.6#
83	0.0	59.6	110.6#
85	0.0	37.7	69.9#



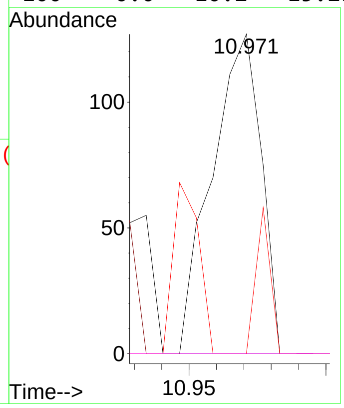


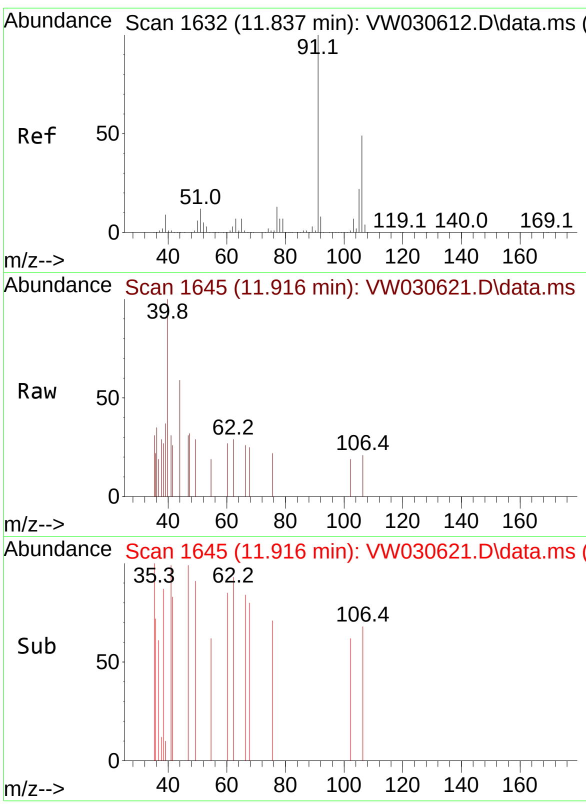
#48
2-Hexanone
Concen: 10.065 ug/L
RT: 10.971 min Scan# 14
Delta R.T. 0.006 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 159

Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.6	67.0#
57	28.3	15.8	23.8#
100	0.0	10.2	15.2#

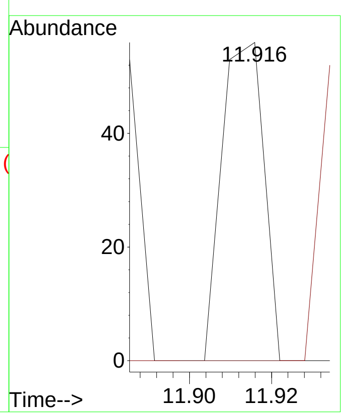


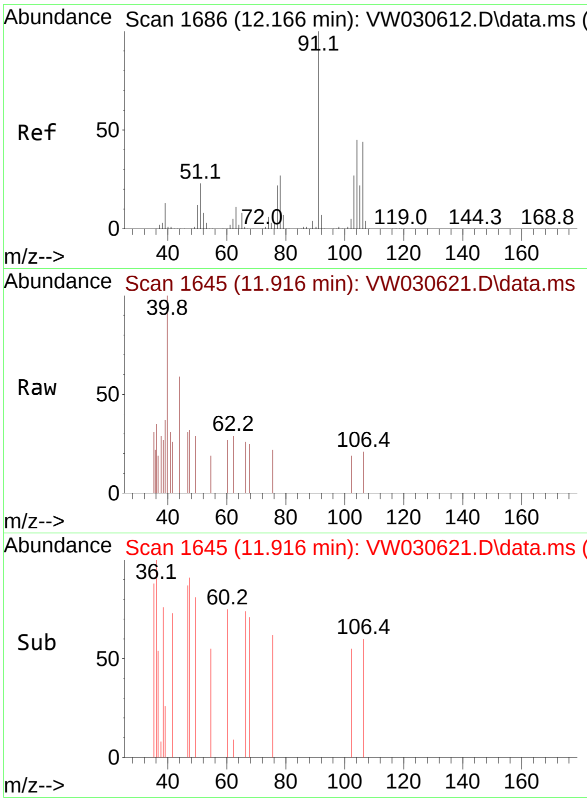


#53
m,p-Xylene
Concen: 0.545 ug/L
RT: 11.916 min Scan# 1645
Delta R.T. 0.079 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Tgt Ion:106 Resp: 40

Ion	Ratio	Lower	Upper
106	100		
91	0.0	140.6	261.2#



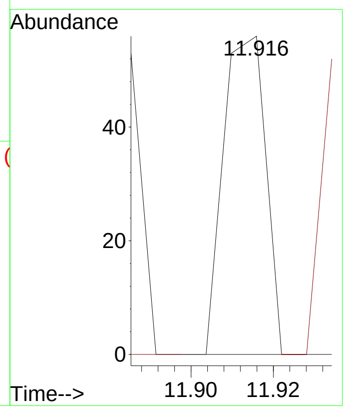


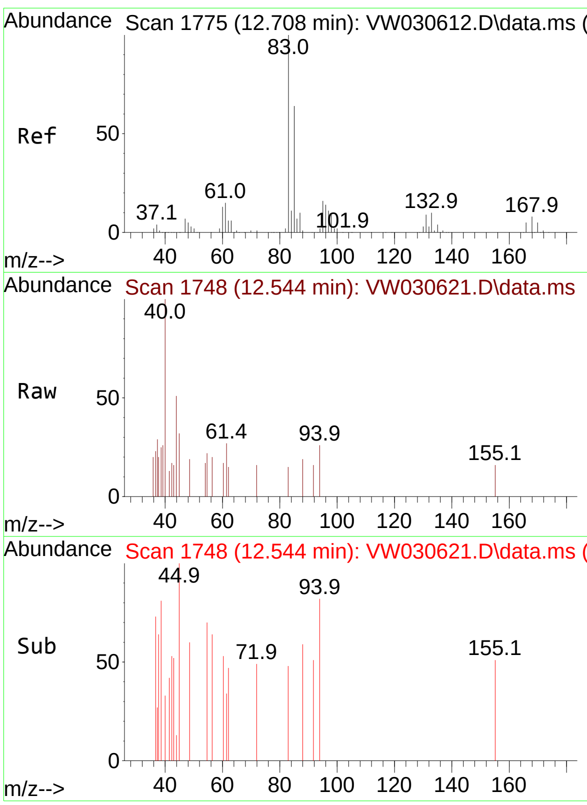
#54
o-Xylene
Concen: 0.589 ug/L
RT: 11.916 min Scan# 1
Delta R.T. -0.250 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 40

Ion	Ratio	Lower	Upper
106	100		
91	0.0	144.5	268.4#

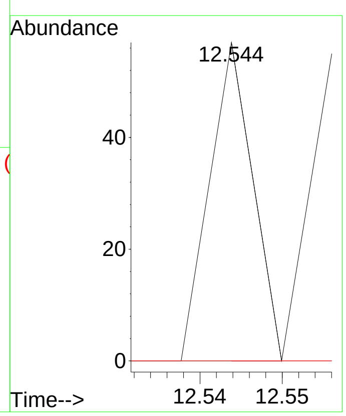


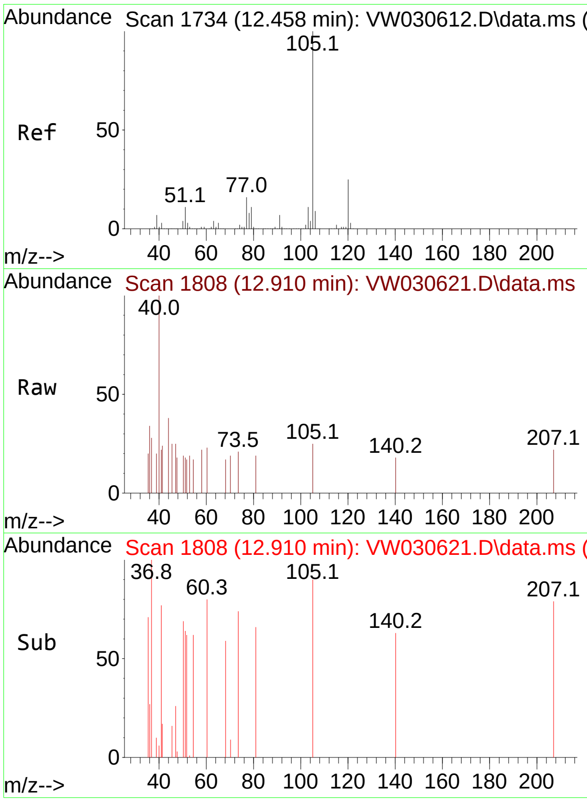


#57
1,1,2,2-Tetrachloroethane
Concen: 0.641 ug/L
RT: 12.544 min Scan# 1748
Delta R.T. -0.165 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Tgt Ion: 83 Resp: 21

Ion	Ratio	Lower	Upper
83	100		
85	0.0	42.6	79.2#
131	0.0	7.4	11.0#





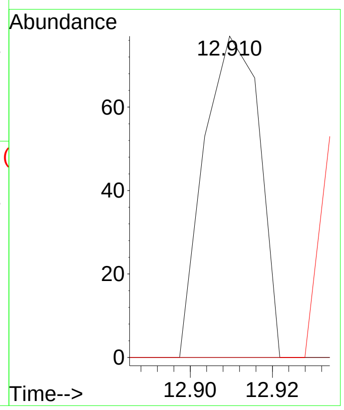
#60
Isopropylbenzene
Concen: 0.710 ug/L
RT: 12.910 min Scan# 1

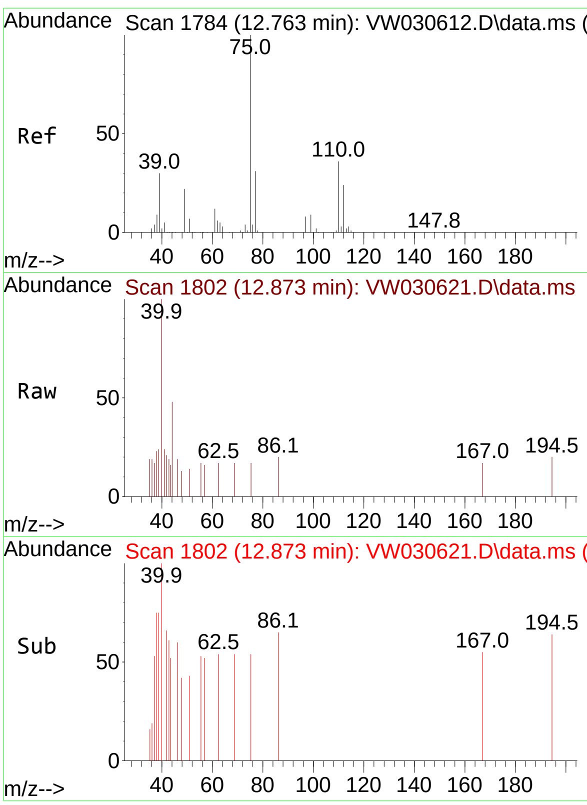
Instrument :
MSVOA_W
ClientSampleId :

Delta R.T. 0.451 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Tgt Ion:105 Resp: 72

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.6	31.0#
77	31.9	13.4	20.0#

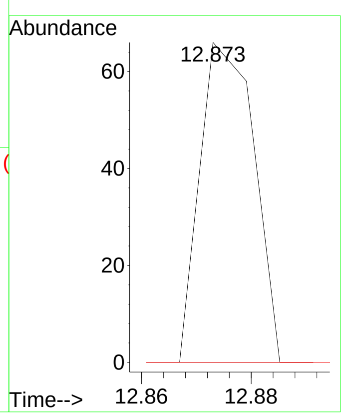


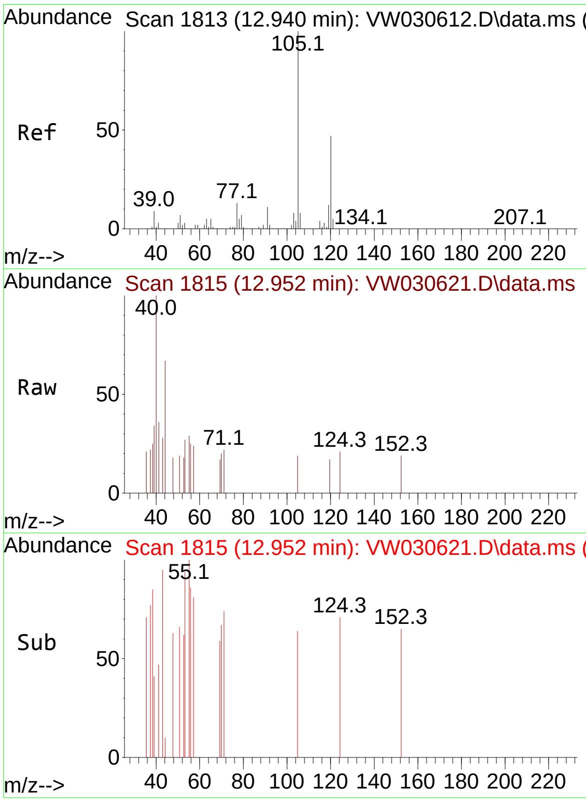


#61
1,2,3-Trichloropropane
Concen: 3.531 ug/L
RT: 12.873 min Scan# 1802
Delta R.T. 0.110 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Tgt Ion: 75 Resp: 45

Ion	Ratio	Lower	Upper
75	100		
77	51.1	25.7	38.5#
110	0.0	32.3	48.5#



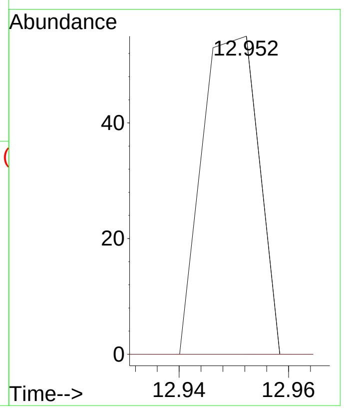


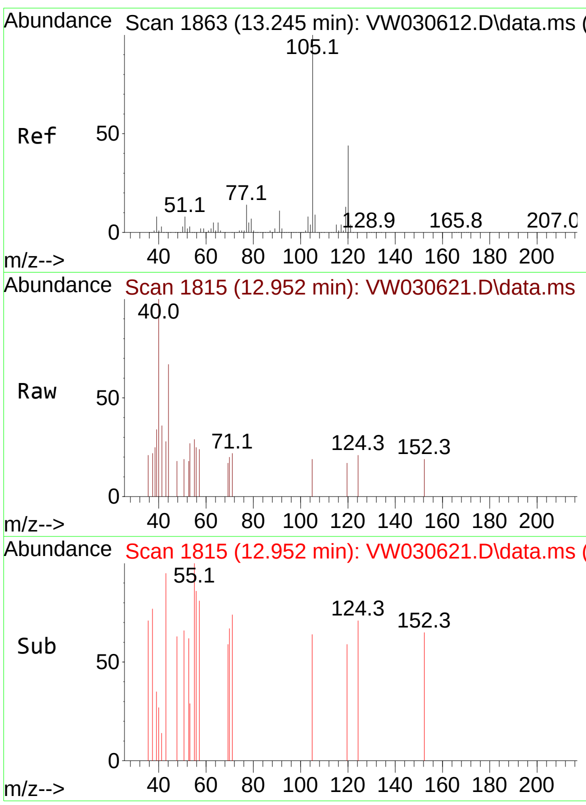
#62
1,3,5-Trimethylbenzene
Concen: 0.500 ug/L
RT: 12.952 min Scan# 1
Delta R.T. 0.012 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 40

Ion	Ratio	Lower	Upper
105	100		
120	0.0	38.0	57.0#

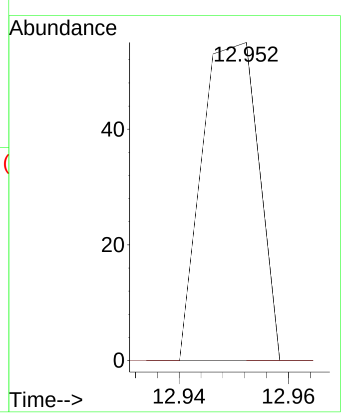


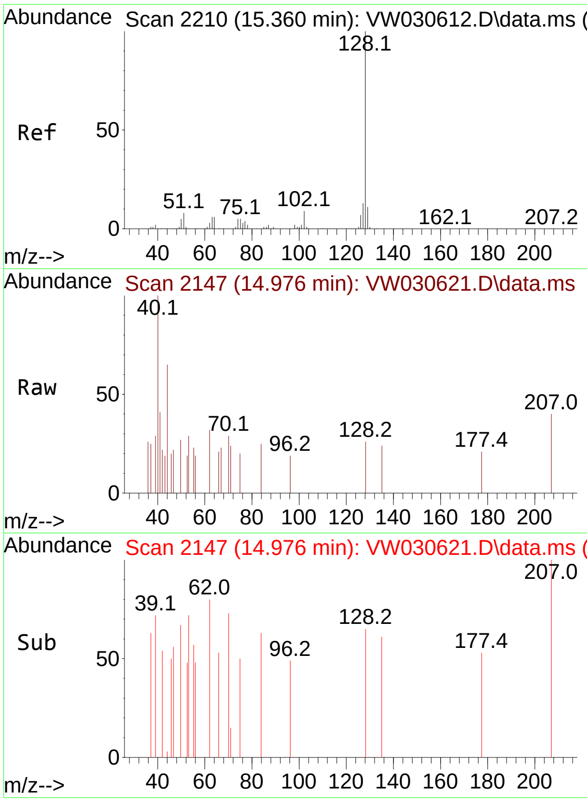


#63
1,2,4-Trimethylbenzene
Concen: 0.511 ug/L
RT: 12.952 min Scan# 1815
Delta R.T. -0.293 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Tgt Ion:105 Resp: 40

Ion	Ratio	Lower	Upper
105	100		
120	0.0	35.8	53.6#





#71
Naphthalene
Concen: 1.136 ug/L
RT: 14.976 min Scan# 2
Delta R.T. -0.384 min
Lab File: VW030621.D
Acq: 16 Oct 2024 19:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 46

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.9	16.3#
129	84.8	8.8	13.2#