```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090922\
Data File : VX031266.D
Acq On    : 09 Sep 2022  18:52
Operator  : JC/MD
Sample    : N4360-01DL 10X
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 22   Sample Multiplier: 1

Quant Time: Sep 12 01:00:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title  : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration
```

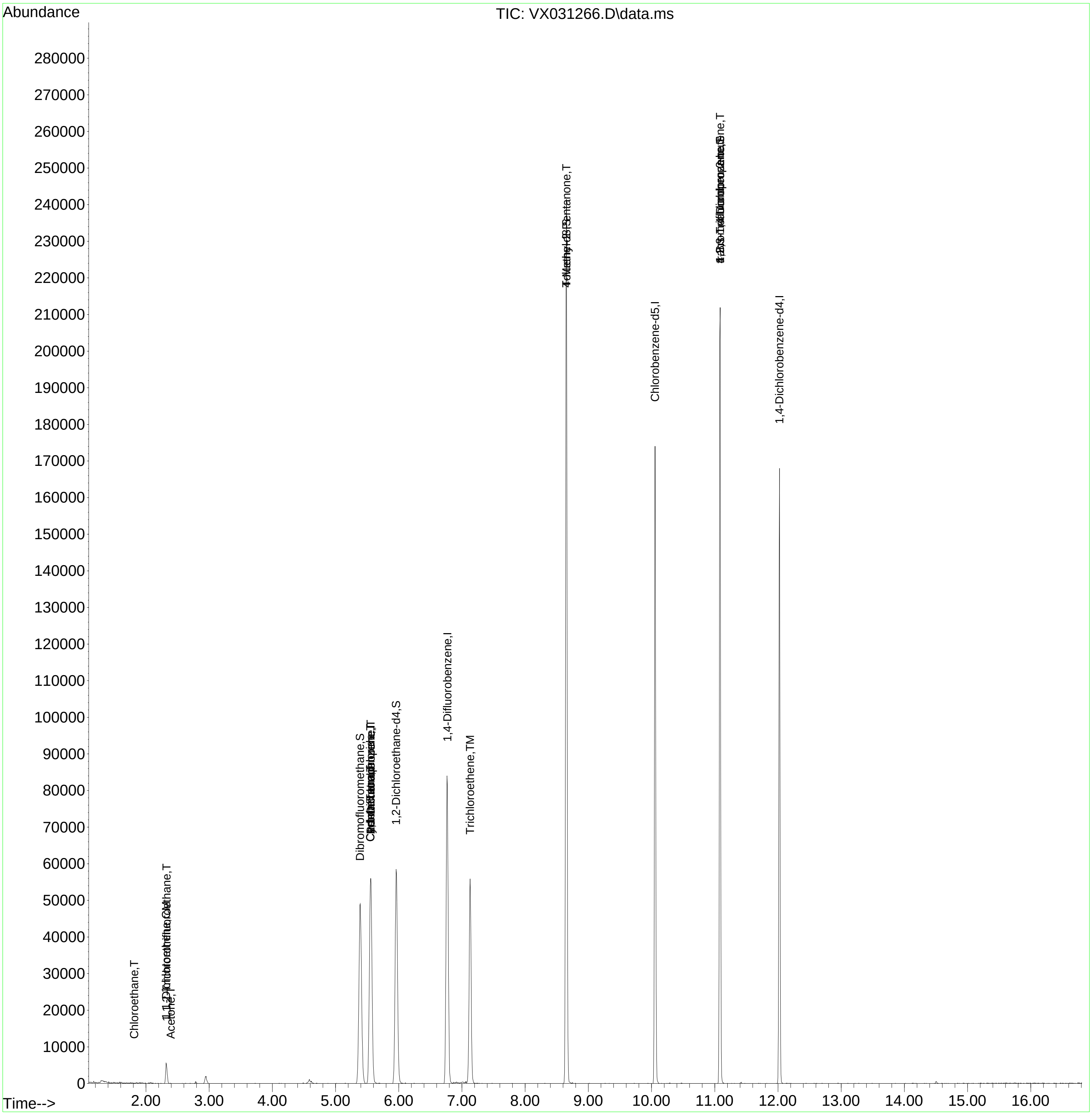
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220823DL

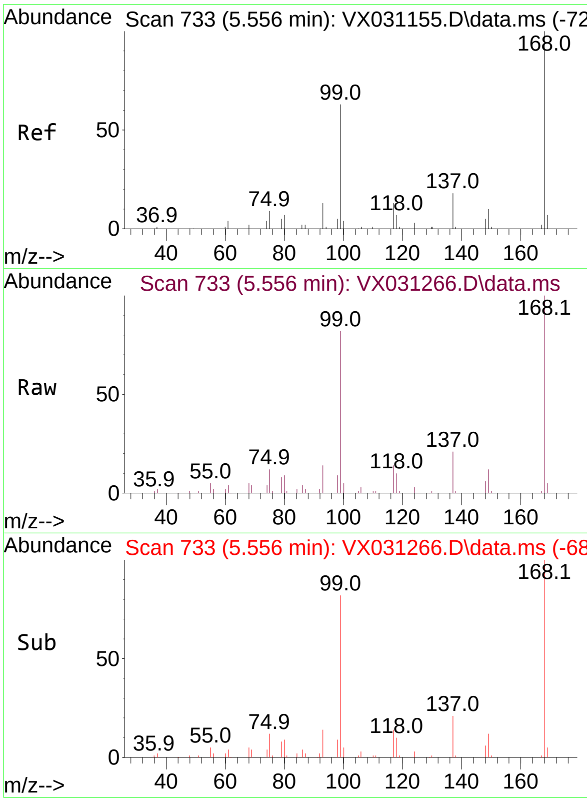
```
        Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 Internal Standards
   1) Pentafluorobenzene          5.556  168    43656    50.000 ug/l   # 0.00
  34) 1,4-Difluorobenzene         6.769  114    78575    50.000 ug/l     0.00
  63) Chlorobenzene-d5           10.055  117    70820    50.000 ug/l     0.00
  72) 1,4-Dichlorobenzene-d4     12.024  152    30246    50.000 ug/l     0.00

 System Monitoring Compounds
  33) 1,2-Dichloroethane-d4       5.958   65    69299    67.048 ug/l    0.00
   Spiked Amount     50.000   Range  74 - 125    Recovery    =  134.100%#
  35) Dibromofluoromethane        5.385  113    40853    47.711 ug/l    0.00
   Spiked Amount     50.000   Range  75 - 124    Recovery    =   95.420%
  50) Toluene-d8                  8.653   98   138341    44.469 ug/l    0.00
   Spiked Amount     50.000   Range  86 - 113    Recovery    =   88.940%
  62) 4-Bromofluorobenzene       11.085   95    55116    48.344 ug/l    0.00
   Spiked Amount     50.000   Range  83 - 123    Recovery    =   96.680%

 Target Compounds                                                  Qvalue
   6) Chloroethane                1.813   64       99     0.277 ug/l #    41
   9) 1,1,2-Trichlorotrifluo...   2.325  101     1399     1.784 ug/l      89
  11) Tert butyl alcohol          2.941   59     1112    Below Cal  #    74
  12) 1,1-Dichloroethene          2.319   96      939     1.274 ug/l #    81
  16) Acetone                     2.392   43       77     0.215 ug/l #    40
  31) Cyclohexane                 5.550   56     1335     1.156 ug/l #    17
  36) 1,1-Dichloropropene         5.556   75     4460     3.478 ug/l #    46
  38) Carbon Tetrachloride        5.550  117     6836     5.067 ug/l #    13
  44) Trichloroethene             7.129  130    20274    20.705 ug/l      95
  51) 4-Methyl-2-Pentanone        8.653   43      725     0.660 ug/l #     1
  76) 1,2,3-Trichloropropane     11.085   75    34867    42.239 ug/l #    37
  81) trans-1,4-Dichloro-2-b...  11.085   75    34867   136.217 ug/l #    12
 --------------------------------------------------------------------------

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090922\
Data File : VX031266.D
Acq On   : 09 Sep 2022 18:52
Operator : JC/MD
Sample   : N4360-01DL 10X
Misc   : 5.0mL/MSVOA_X/WATER
ALS Vial : 22   Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220823DL

Quant Time: Sep 12 01:00:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration



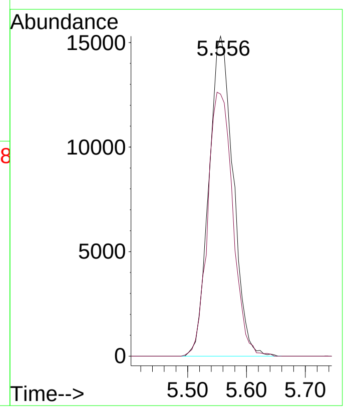


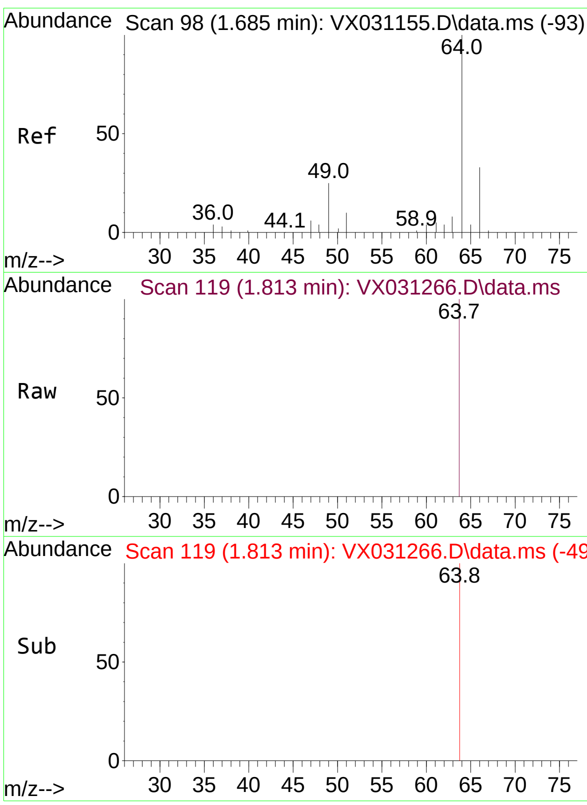
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220823DL

Tgt Ion:168 Resp: 43656

Ion	Ratio	Lower	Upper
168	100		
99	81.9	44.0	66.0#

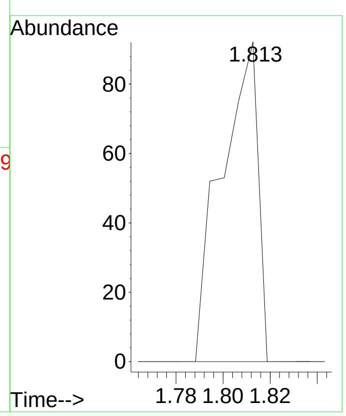


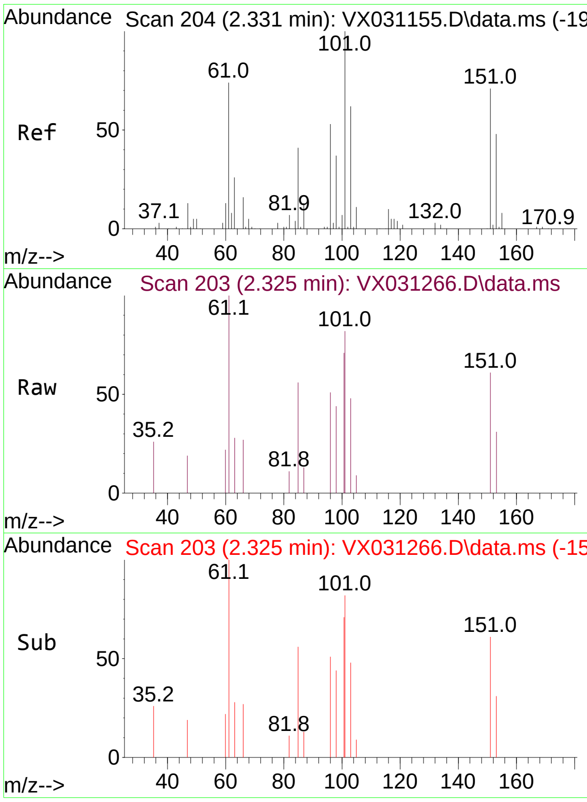


#6
Chloroethane
Concen: 0.277 ug/l
RT: 1.813 min Scan# 119
Delta R.T. 0.128 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Tgt Ion: 64 Resp: 99

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.2	40.8#



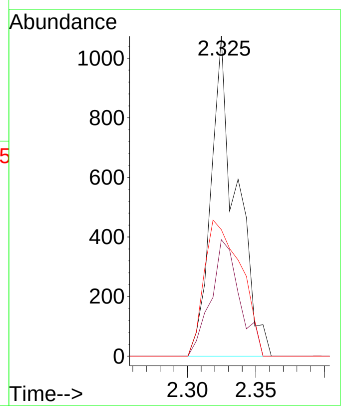


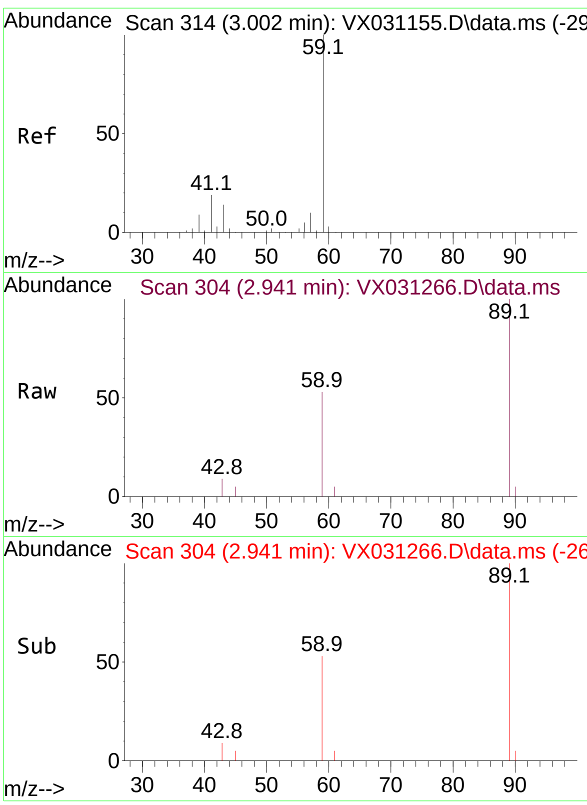
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.784 ug/l
RT: 2.325 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220823DL

Tgt Ion:101 Resp: 1399

Ion	Ratio	Lower	Upper
101	100		
85	40.9	34.0	51.0
151	60.9	59.4	89.0

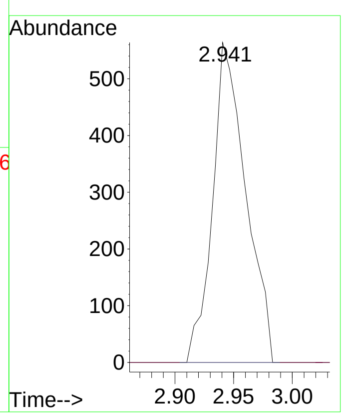


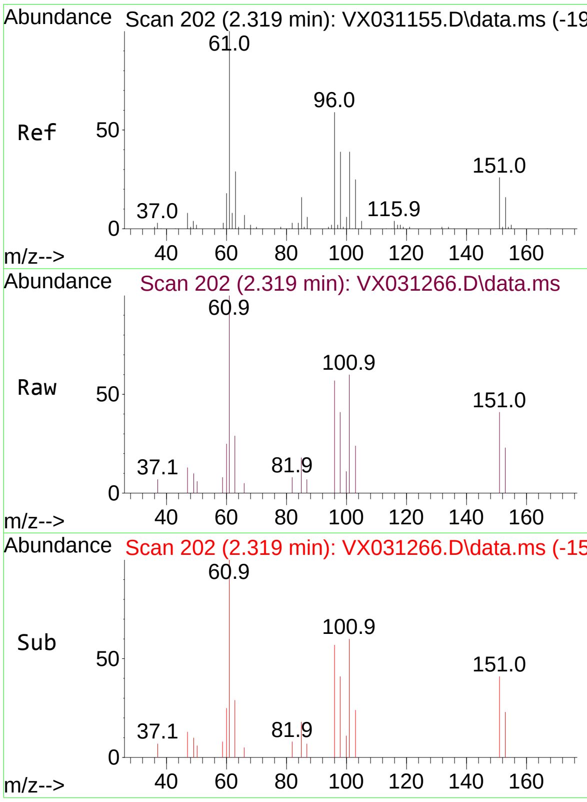


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Tgt Ion: 59 Resp: 1112

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#



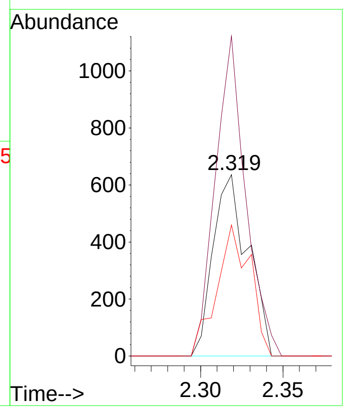


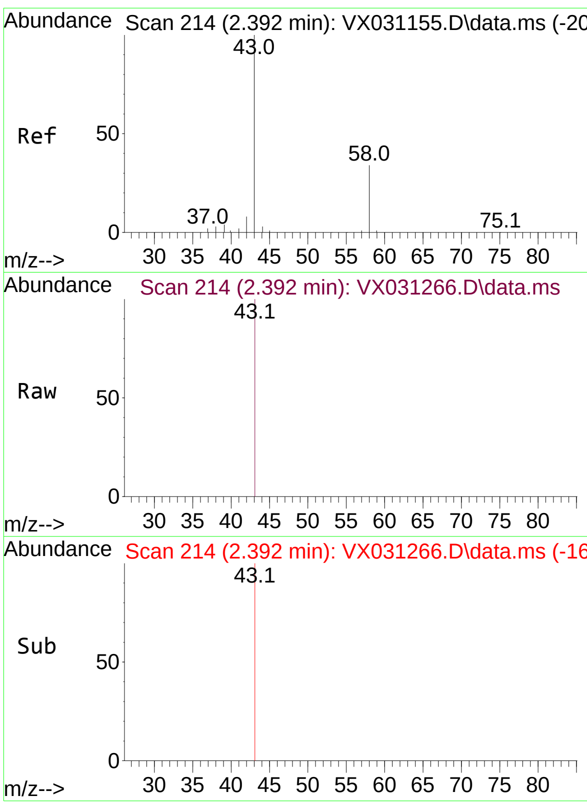
#12
1,1-Dichloroethene
Concen: 1.274 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220823DL

Tgt Ion: 96 Resp: 939

Ion	Ratio	Lower	Upper
96	100		
61	176.4	117.4	176.0#
98	72.3	52.2	78.4

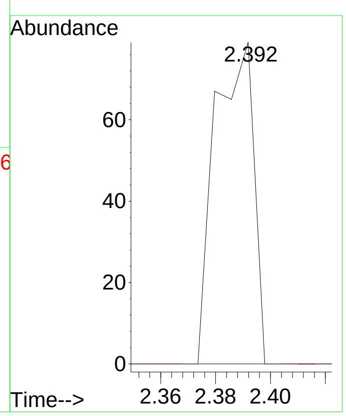


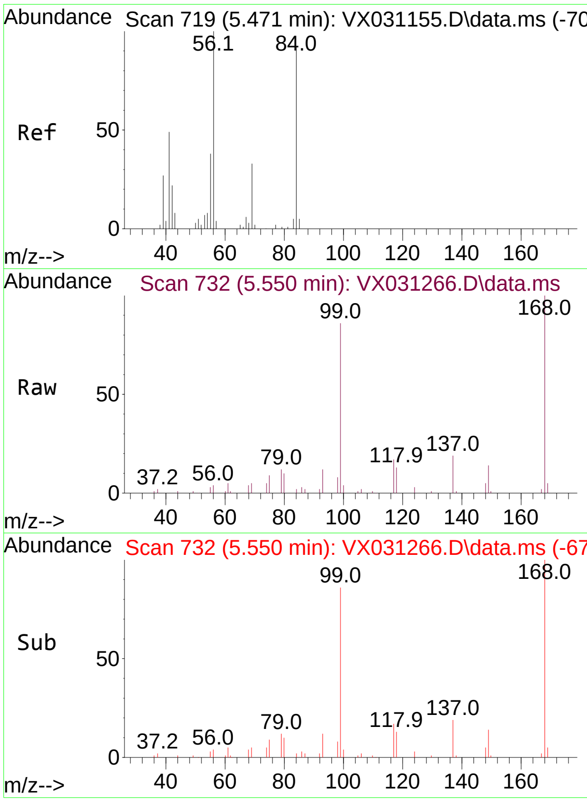


#16
Acetone
Concen: 0.215 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Tgt Ion: 43 Resp: 77

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.7	41.5#





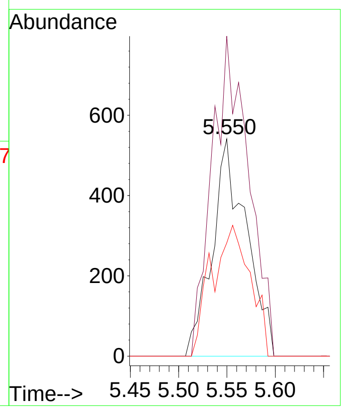
#31
Cyclohexane
Concen: 1.156 ug/l
RT: 5.550 min Scan# 7

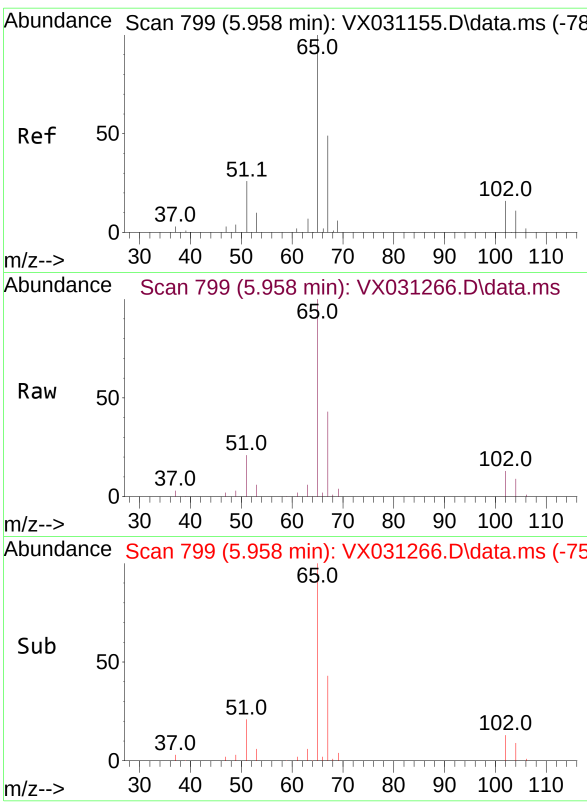
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220823DL

Delta R.T. 0.079 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Tgt Ion: 56 Resp: 1335

Ion	Ratio	Lower	Upper
56	100		
69	147.3	25.4	38.0#
84	52.1	68.9	103.3#

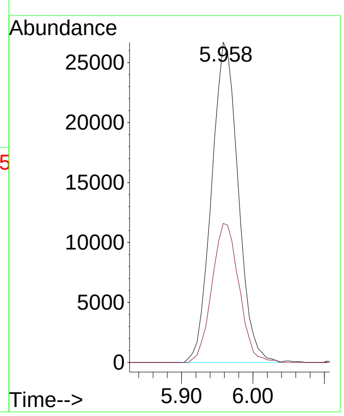


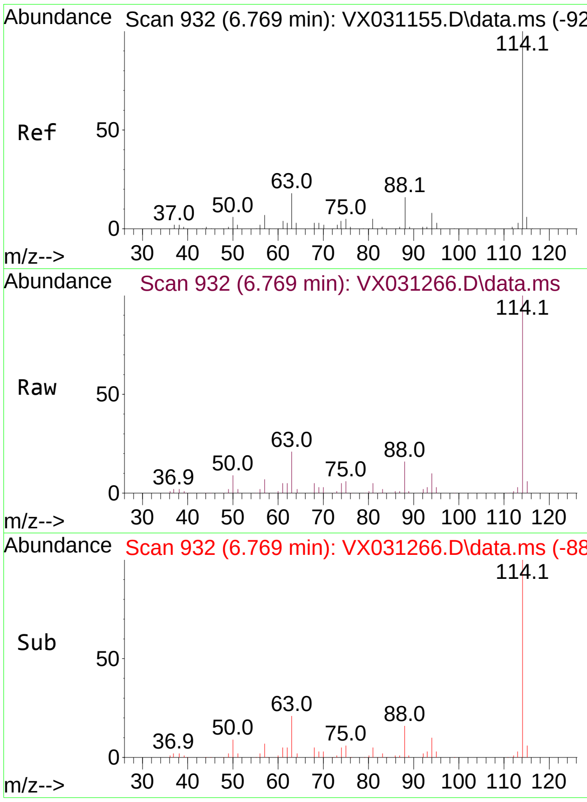


#33
1,2-Dichloroethane-d4
Concen: 67.048 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Tgt Ion: 65 Resp: 69299

Ion	Ratio	Lower	Upper
65	100		
67	44.1	0.0	109.6



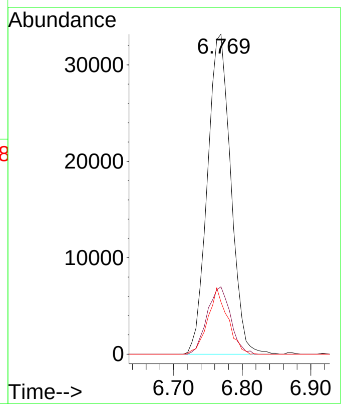


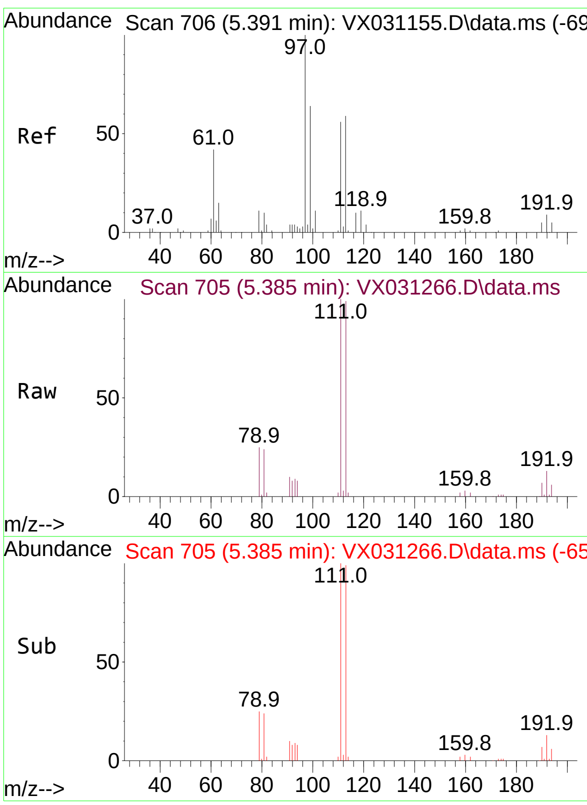
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220823DL

Tgt Ion:114 Resp: 78575

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	38.4
88	16.3	0.0	31.8

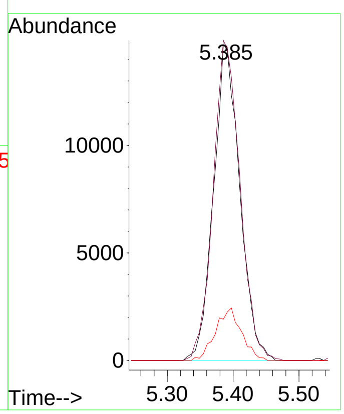


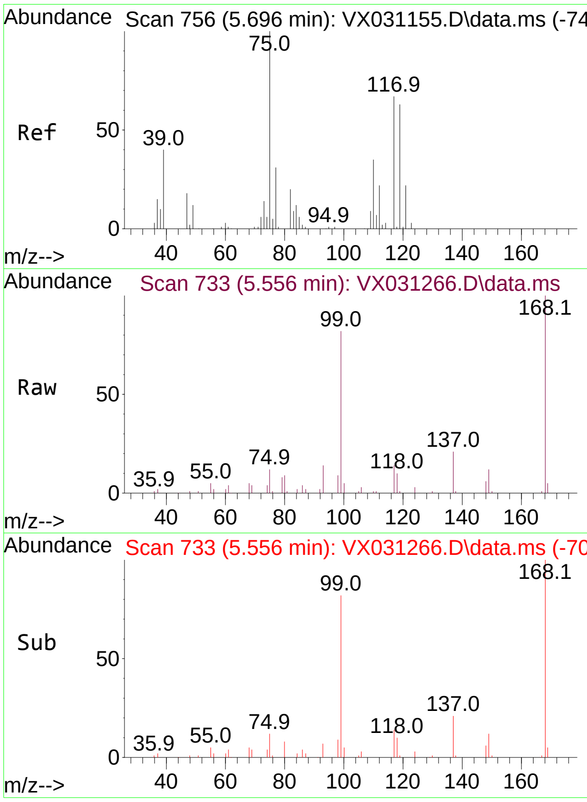


#35
Dibromofluoromethane
Concen: 47.711 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Tgt Ion:113 Resp: 40853

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.2	124.8
192	16.4	14.8	22.2





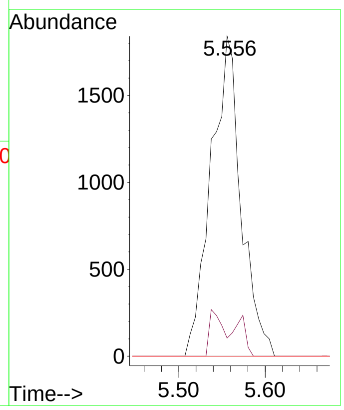
#36
1,1-Dichloropropene
Concen: 3.478 ug/l
RT: 5.556 min Scan# 7

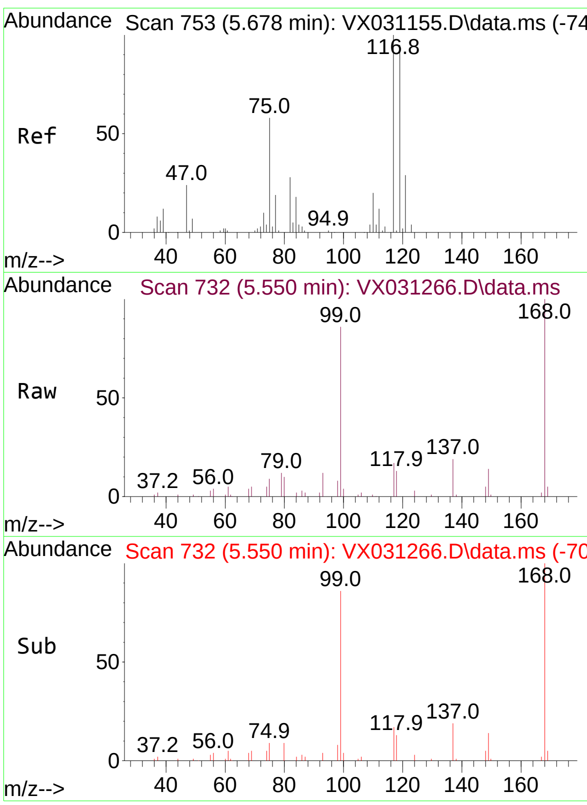
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220823DL

Delta R.T. -0.140 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Tgt Ion: 75 Resp: 4460

Ion	Ratio	Lower	Upper
75	100		
110	6.4	19.3	57.9#
77	0.0	24.4	36.6#

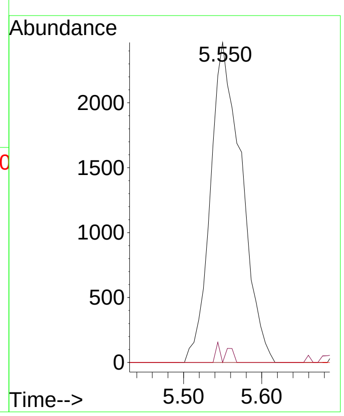


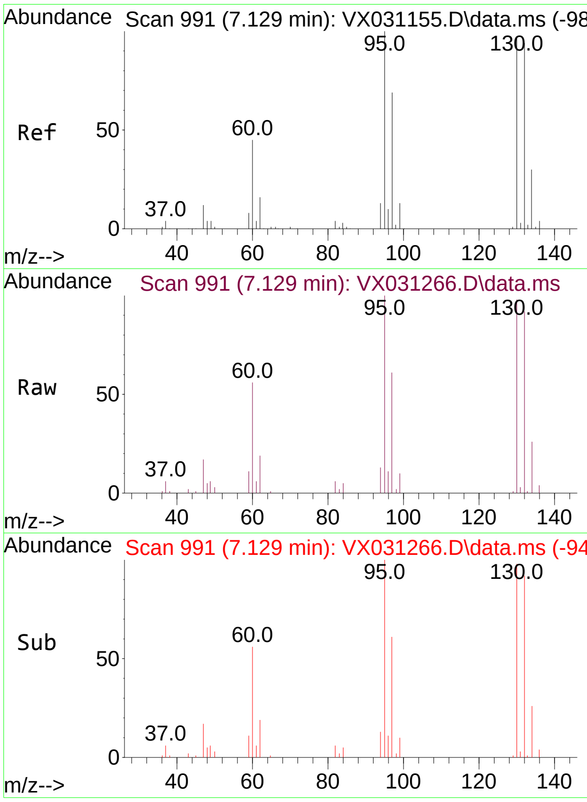


#38
Carbon Tetrachloride
Concen: 5.067 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Tgt Ion:117 Resp: 6836

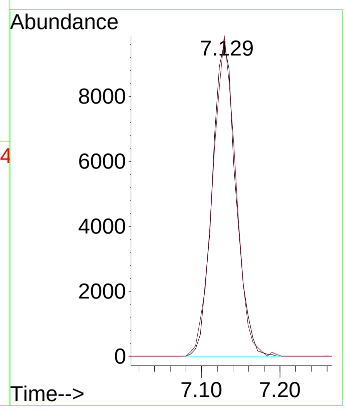
Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.1	111.1#
121	0.0	25.8	38.8#

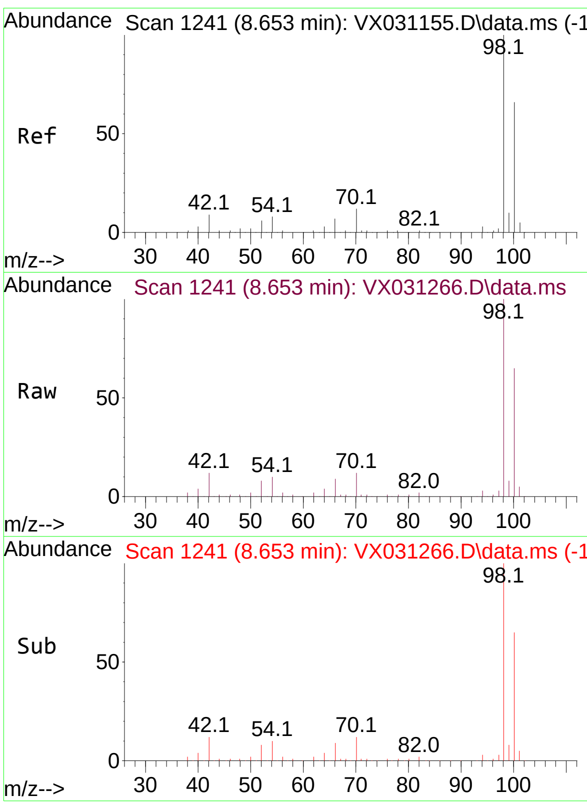




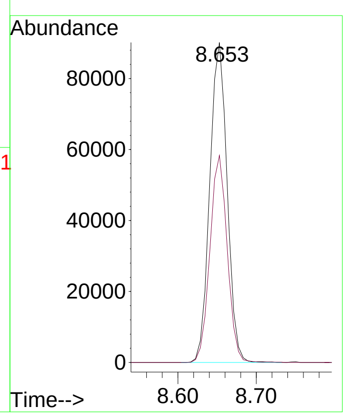

```
#44
Trichloroethene
Concen:   20.705 ug/l
RT:   7.129 min  Scan# 9
Delta R.T.  -0.000 min
Lab File:   VX031266.D
Acq: 09 Sep 2022  18:52

Tgt Ion:130 Resp:   20274
Ion  Ratio  Lower  Upper
130  100
 95  102.4    0.0  194.8
```

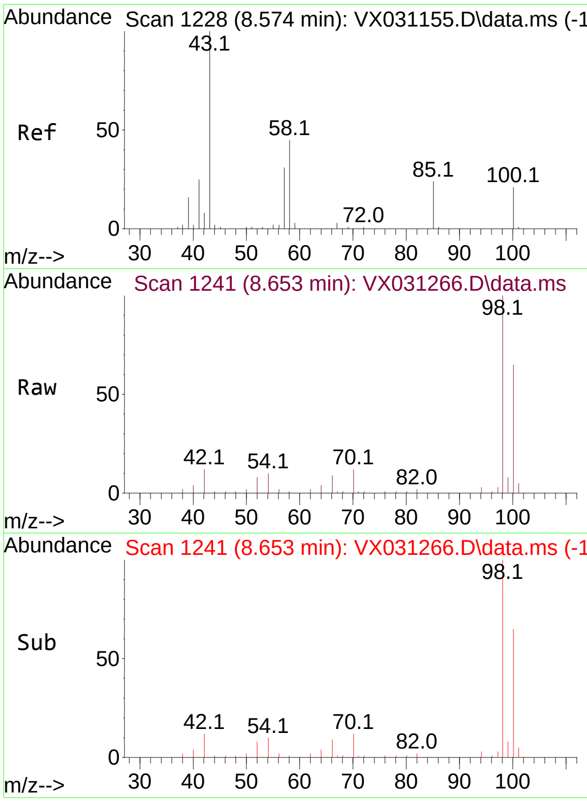
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220823DL






```
#50
Toluene-d8
Concen:   44.469 ug/l
RT:   8.653 min  Scan# 1241
Delta R.T.  -0.000 min
Lab File:   VX031266.D
Acq: 09 Sep 2022  18:52

Tgt Ion: 98 Resp:  138341
Ion  Ratio  Lower  Upper
 98  100
100   64.5   52.3   78.5
```





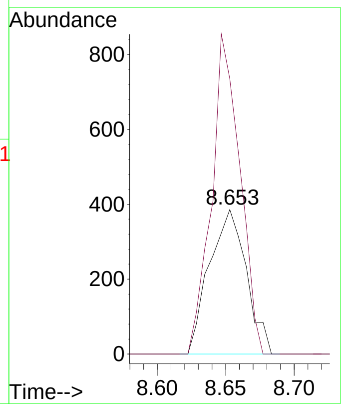
#51
4-Methyl-2-Pentanone
Concen: 0.660 ug/l
RT: 8.653 min Scan# 1

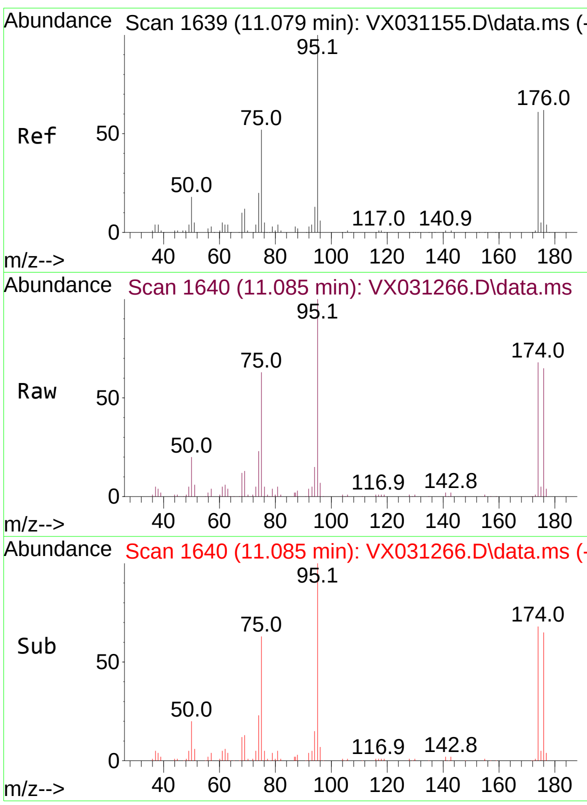
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220823DL

Delta R.T. 0.079 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Tgt Ion: 43 Resp: 725

Ion	Ratio	Lower	Upper
43	100		
58	170.2	31.4	47.2#

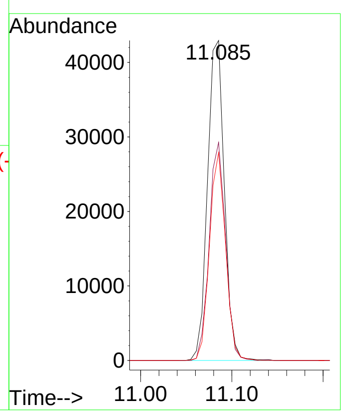


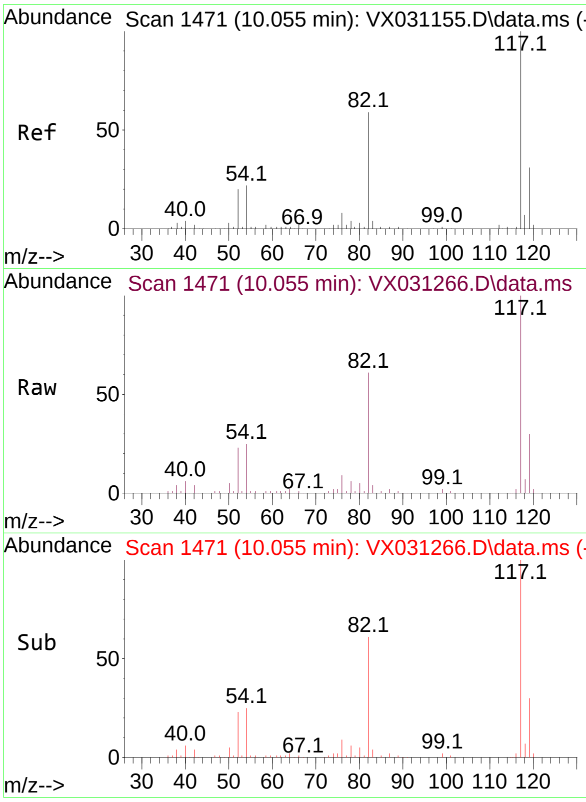


#62
4-Bromofluorobenzene
Concen: 48.344 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Tgt Ion: 95 Resp: 55116

Ion	Ratio	Lower	Upper
95	100		
174	66.1	0.0	149.0
176	62.0	0.0	146.0



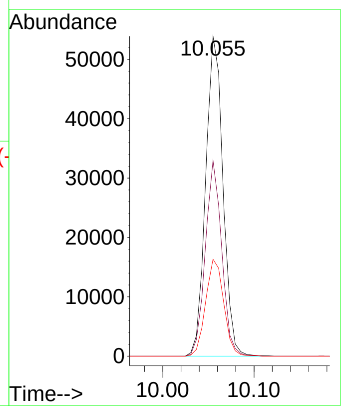


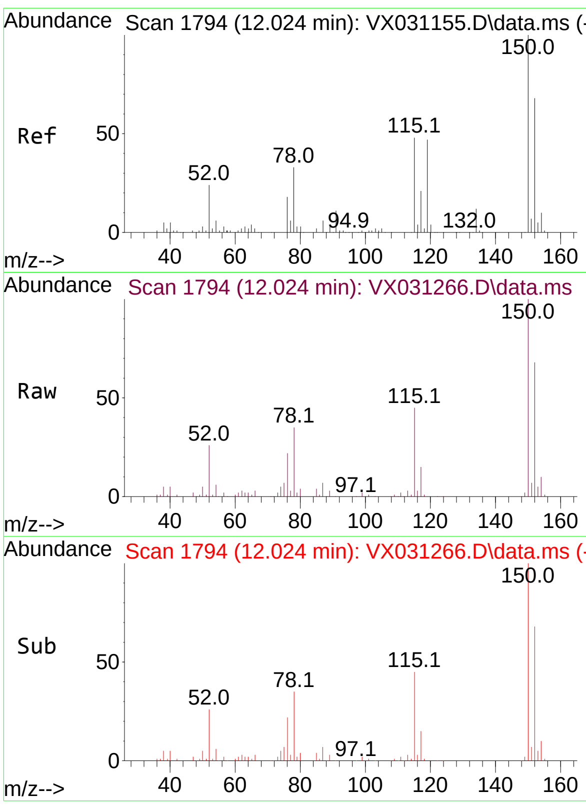
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min   Scan# 14
Delta R.T.   -0.000 min
Lab File: VX031266.D
Acq: 09 Sep 2022   18:52

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220823DL

Tgt Ion:117 Resp: 70820

Ion	Ratio	Lower	Upper
117	100		
82	61.1	42.7	64.1
119	30.3	25.4	38.2

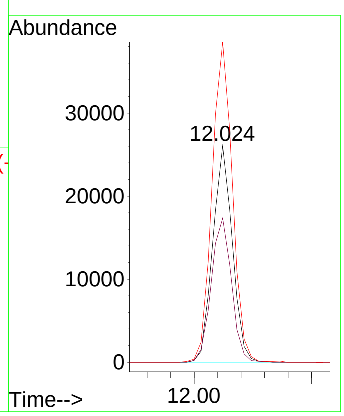


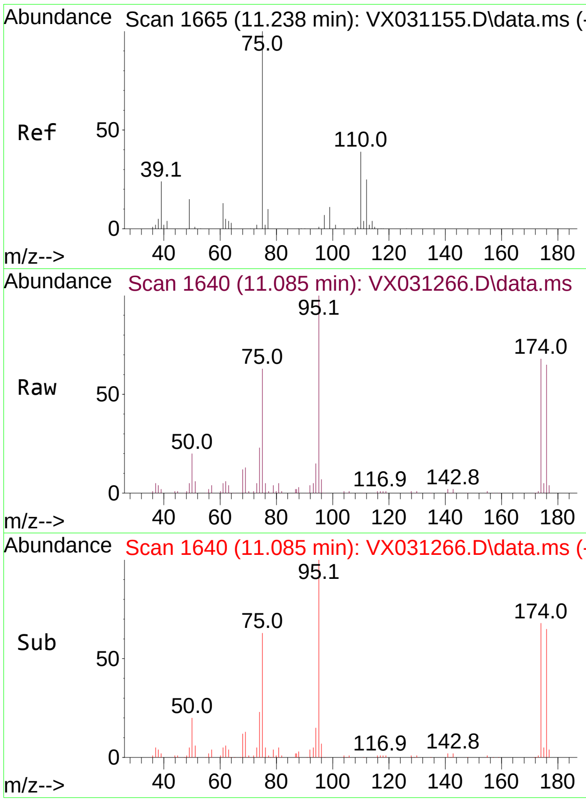


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min   Scan# 1794
Delta R.T.   -0.000 min
Lab File: VX031266.D
Acq: 09 Sep 2022   18:52

Tgt Ion:152 Resp: 30246

Ion	Ratio	Lower	Upper
152	100		
115	68.7	40.5	121.5
150	152.7	0.0	347.0



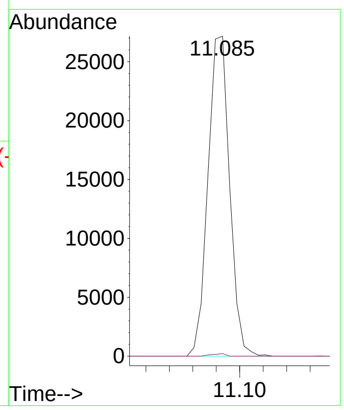


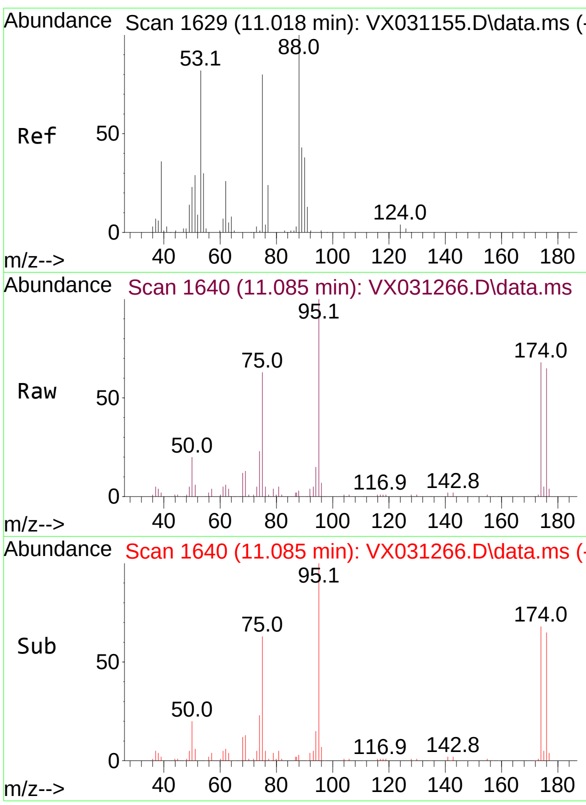
#76
1,2,3-Trichloropropane
Concen: 42.239 ug/l
RT: 11.085 min Scan# 16
Delta R.T. -0.152 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20220823DL

Tgt Ion: 75 Resp: 34867

Ion	Ratio	Lower	Upper
75	100		
77	0.5	19.8	59.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 136.217 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX031266.D
Acq: 09 Sep 2022 18:52

Tgt Ion: 75 Resp: 34867

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.2	111.4#
89	0.0	34.8	52.2#