```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
Data File : VN073181.D
Acq On    : 28 Jun 2022  00:10
Operator  : JC\MD
Sample    : N3434-06
Misc      : 6.23g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial  : 37   Sample Multiplier: 1

Quant Time: Jun 28 06:41:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title  : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration
```

Instrument :
MSVOA_N
ClientSampleId :
B2205-35

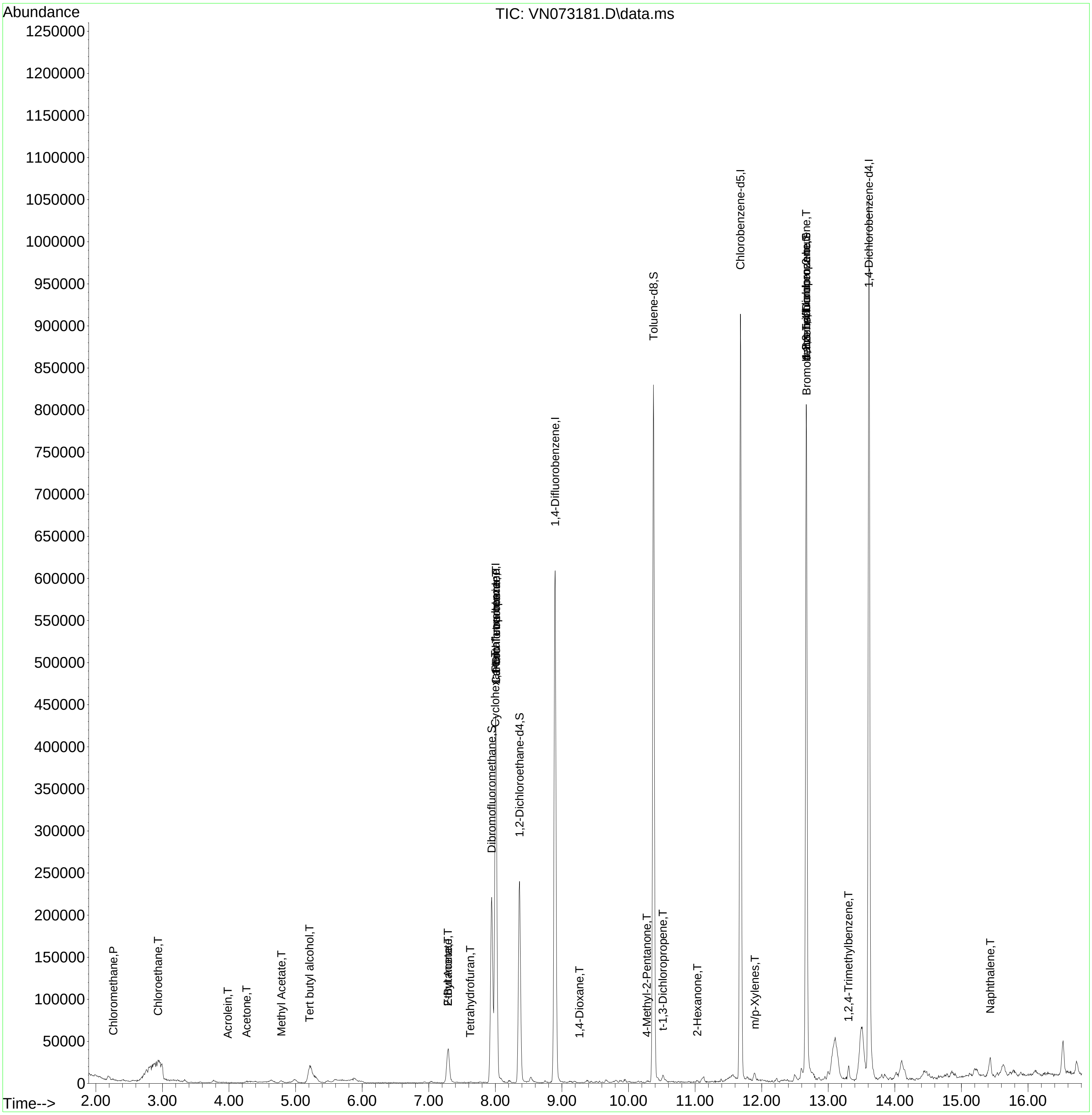
```
       Compound                   R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 Internal Standards
   1) Pentafluorobenzene         8.004  168   337849    50.000 ug/l    -0.01
  34) 1,4-Difluorobenzene        8.898  114   545903    50.000 ug/l     0.00
  63) Chlorobenzene-d5          11.680  117   534763    50.000 ug/l     0.00
  72) 1,4-Dichlorobenzene-d4    13.610  152   277165    50.000 ug/l     0.00

 System Monitoring Compounds
  33) 1,2-Dichloroethane-d4      8.363   65   200182    43.826 ug/l    0.00
   Spiked Amount     50.000   Range  74 - 125    Recovery    =   87.660%
  35) Dibromofluoromethane       7.945  113   163709    48.518 ug/l    0.00
   Spiked Amount     50.000   Range  75 - 124    Recovery    =   97.040%
  50) Toluene-d8                10.374   98   580180    46.210 ug/l    0.00
   Spiked Amount     50.000   Range  86 - 113    Recovery    =   92.420%
  62) 4-Bromofluorobenzene      12.668   95   276276    61.194 ug/l    0.00
   Spiked Amount     50.000   Range  83 - 123    Recovery    =  122.380%

 Target Compounds                                                Qvalue
   3) Chloromethane              2.263   50      618     0.746 ug/l #    80
   6) Chloroethane               2.934   64      445     0.247 ug/l #    42
  11) Tert butyl alcohol         5.210   59    23386    19.821 ug/l #    72
  13) Acrolein                   3.981   56      126     0.271 ug/l #    16
  16) Acetone                    4.263   43     2652     1.056 ug/l      91
  18) Methyl Acetate             4.787   43     5189     0.776 ug/l #    81
  20) Methylene Chloride         4.963   84      635    Below Cal   #    51
  25) 2-Butanone                 7.286   43     6292     1.579 ug/l #    79
  26) 2,2-Dichloropropane        7.281   77     2977    Below Cal   #    53
  29) Tetrahydrofuran            7.622   42      600     0.228 ug/l #    46
  31) Cyclohexane                7.998   56     7493     1.213 ug/l #    19
  36) 1,1-Dichloropropene        8.010   75    26754     5.860 ug/l #    49
  37) Ethyl Acetate              7.286   43     6292     0.862 ug/l #    67
  38) Carbon Tetrachloride       8.010  117    32419     6.751 ug/l #    16
  49) 1,4-Dioxane                9.263   88       53     0.494 ug/l #     1
  51) 4-Methyl-2-Pentanone      10.274   43     1509     0.222 ug/l #    85
  53) t-1,3-Dichloropropene     10.516   75     2793     0.527 ug/l #    47
  59) 2-Hexanone                11.033   43     1687     0.320 ug/l      63
  68) m/p-Xylenes               11.898  106     3213     0.446 ug/l      99
  76) 1,2,3-Trichloropropane    12.668   75   141888    21.115 ug/l #     1
  77) Bromobenzene              12.674  156     9575     1.864 ug/l #     1
  81) trans-1,4-Dichloro-2-b... 12.668   75   141888    57.023 ug/l #    11
  84) 1,2,4-Trimethylbenzene    13.304  105     9206     0.525 ug/l      95
  95) Naphthalene               15.433  128    22344     1.044 ug/l #    95
 ---------------------------------------------------------------------------

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

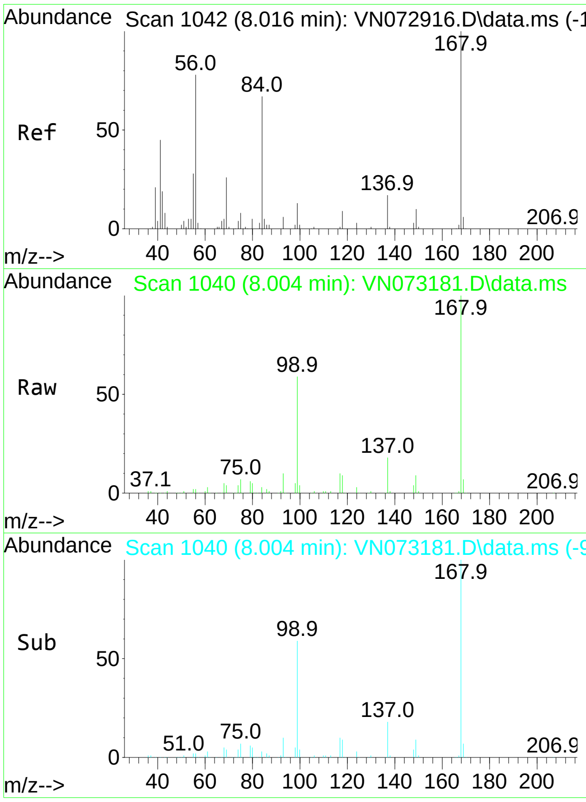
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
Data File : VN073181.D
Acq On : 28 Jun 2022 00:10
Operator : JC\MD
Sample : N3434-06
Misc : 6.23g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
B2205-35

Quant Time: Jun 28 06:41:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

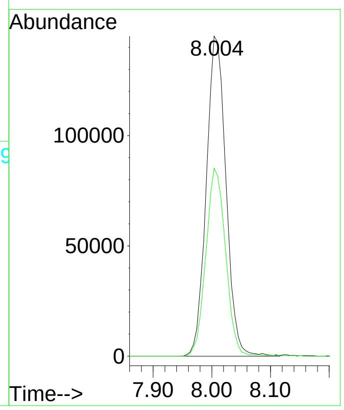


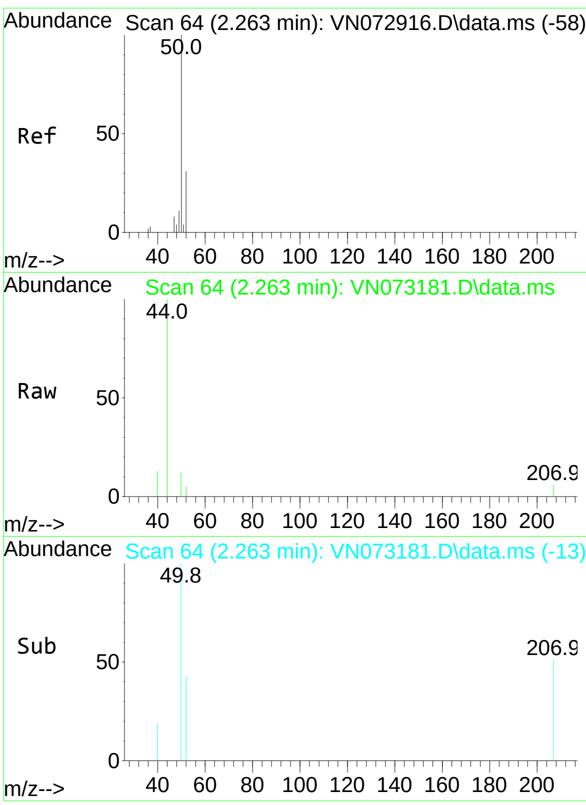


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1(
Delta R.T. -0.012 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Instrument :
MSVOA_N
ClientSampleId :
B2205-35

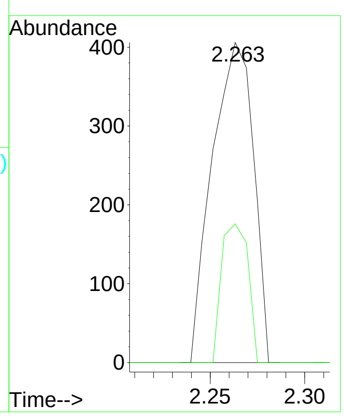
Tgt Ion:168	Resp:	337849	
Ion	Ratio	Lower	Upper
168	100		
99	58.7	42.3	63.5

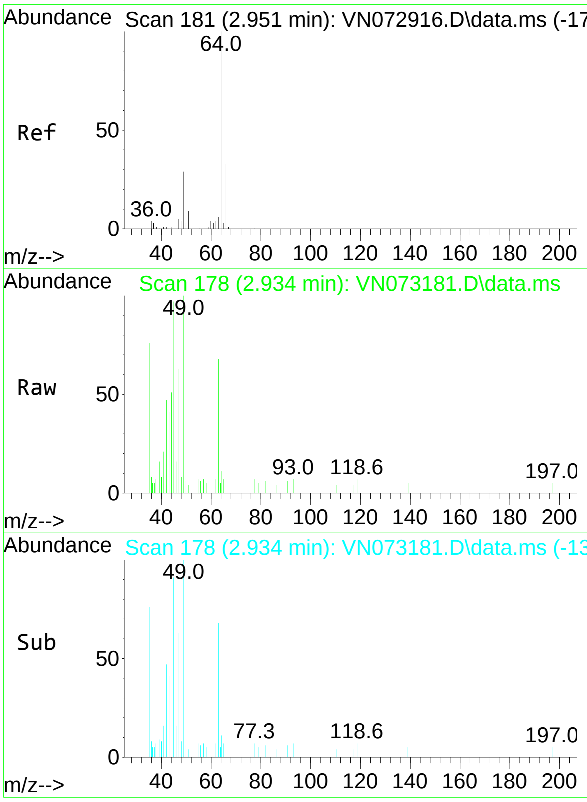




#3
Chloromethane
Concen: 0.746 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion: 50	Resp:	618	
Ion	Ratio	Lower	Upper
50	100		
52	43.3	25.7	38.5#





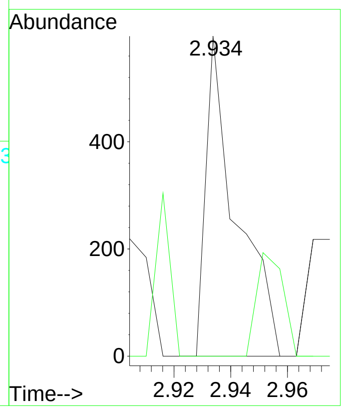
#6
Chloroethane
Concen: 0.247 ug/l
RT: 2.934 min Scan# 1

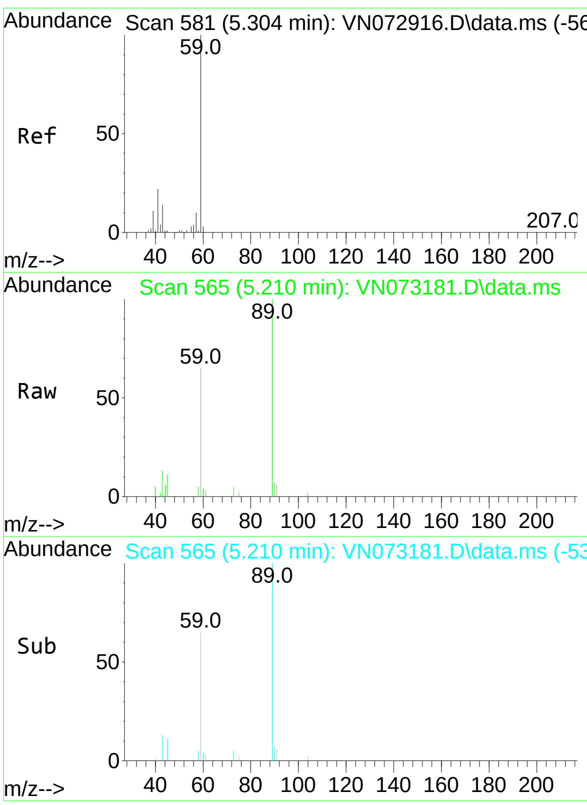
Instrument :
MSVOA_N
ClientSampleId :
B2205-35

Delta R.T. -0.018 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion: 64 Resp: 445

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.2	39.4#

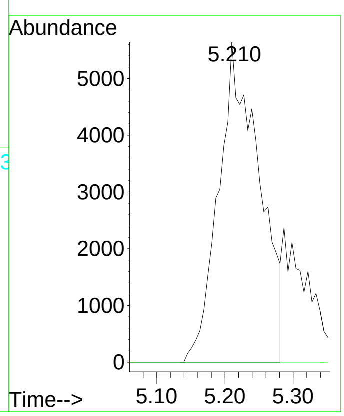


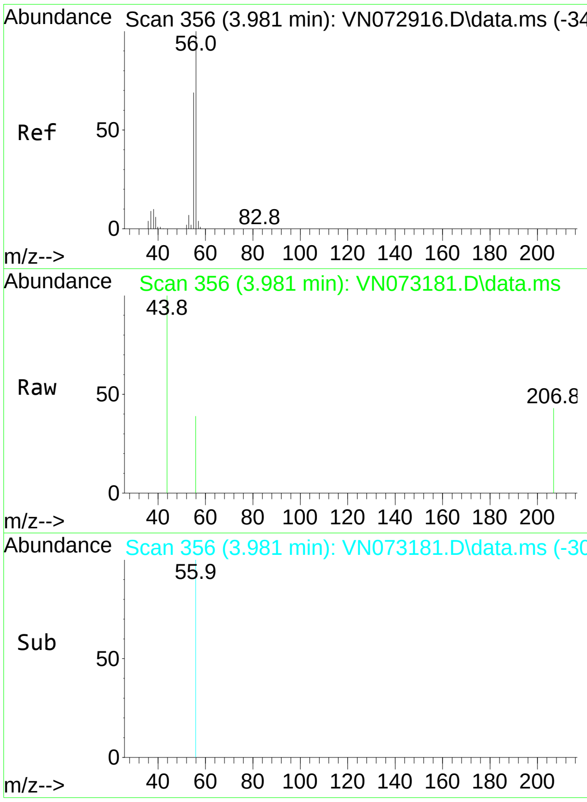


#11
Tert butyl alcohol
Concen: 19.821 ug/l
RT: 5.210 min Scan# 565
Delta R.T. -0.094 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion: 59 Resp: 23386

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



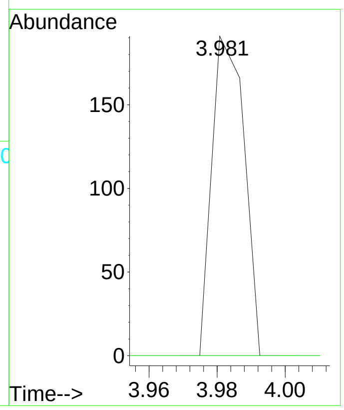


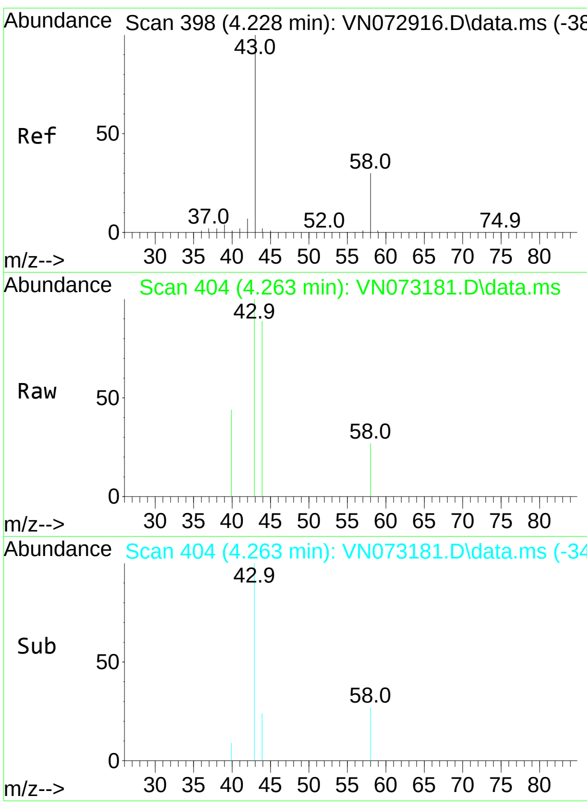
#13
Acrolein
Concen: 0.271 ug/l
RT: 3.981 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Instrument :
MSVOA_N
ClientSampleId :
B2205-35

Tgt Ion: 56 Resp: 126

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.8	82.2#

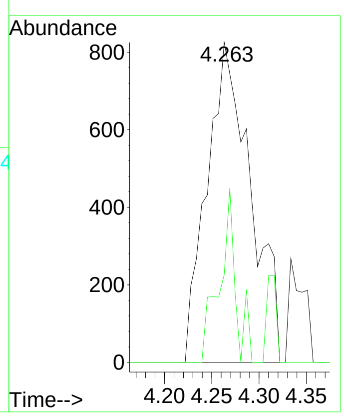


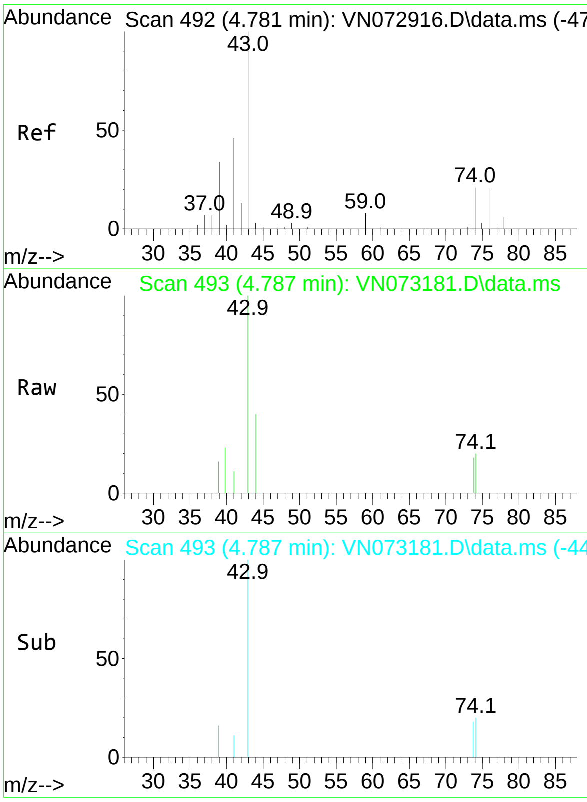


#16
Acetone
Concen: 1.056 ug/l
RT: 4.263 min Scan# 404
Delta R.T. 0.035 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion: 43 Resp: 2652

Ion	Ratio	Lower	Upper
43	100		
58	27.4	26.0	39.0



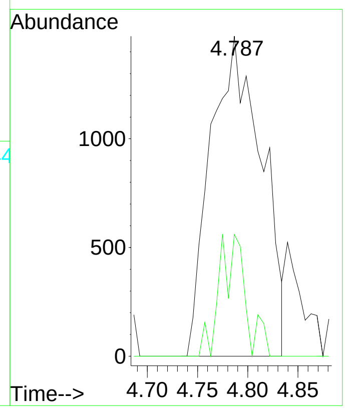


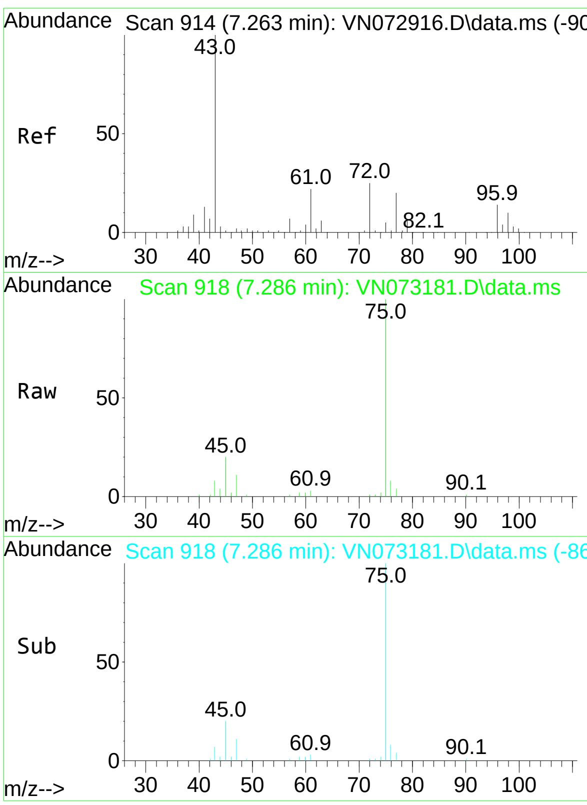
#18
Methyl Acetate
Concen: 0.776 ug/l
RT: 4.787 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Instrument :
MSVOA_N
ClientSampleId :
B2205-35

Tgt Ion: 43 Resp: 5189

Ion	Ratio	Lower	Upper
43	100		
74	17.1	21.6	32.4#

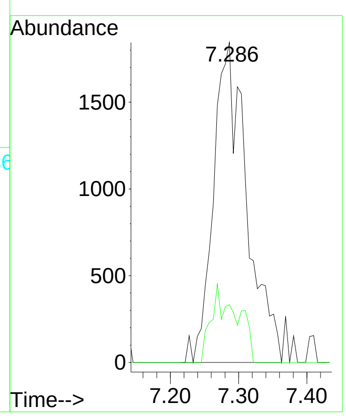


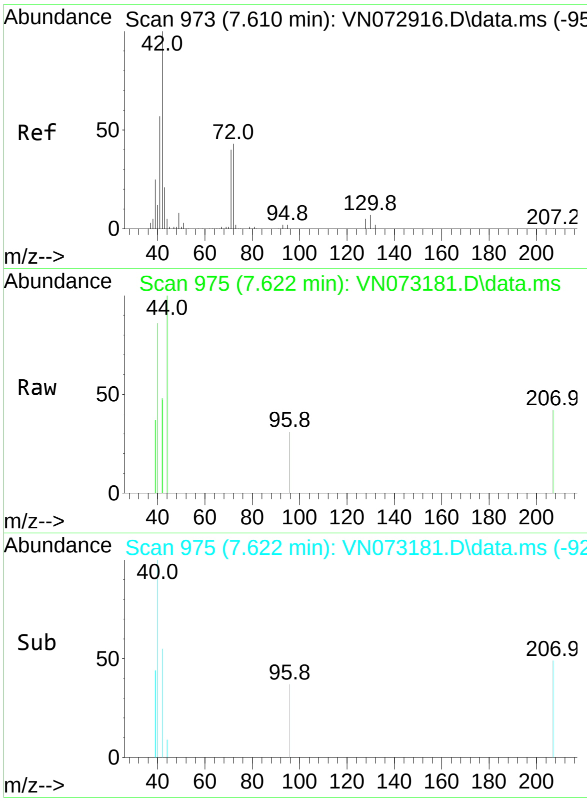


#25
2-Butanone
Concen: 1.579 ug/l
RT: 7.286 min Scan# 918
Delta R.T. 0.024 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion: 43 Resp: 6292

Ion	Ratio	Lower	Upper
43	100		
72	18.1	23.7	35.5#



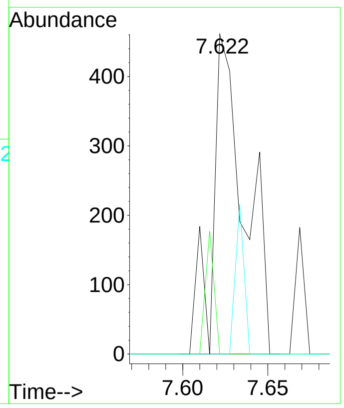


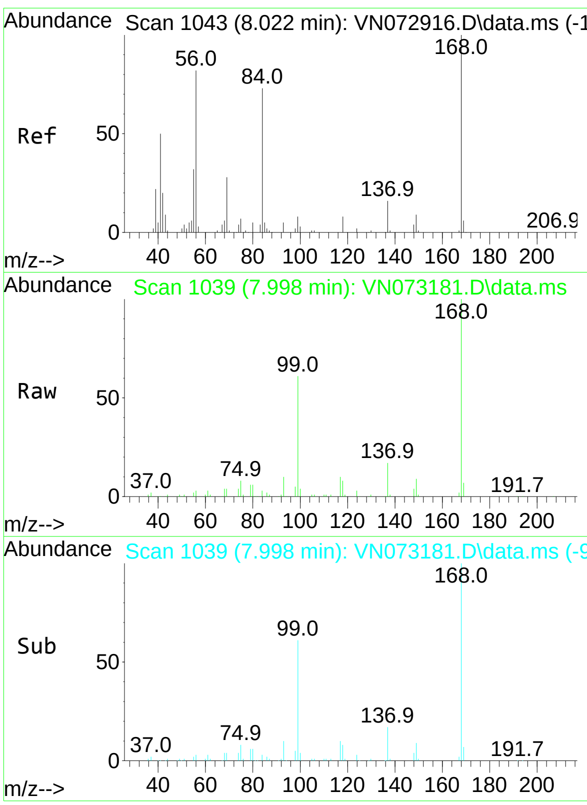
#29
Tetrahydrofuran
Concen: 0.228 ug/l
RT: 7.622 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Instrument :
MSVOA_N
ClientSampleId :
B2205-35

Tgt Ion: 42 Resp: 600

Ion	Ratio	Lower	Upper
42	100		
72	10.3	39.7	59.5#
71	12.7	36.6	55.0#

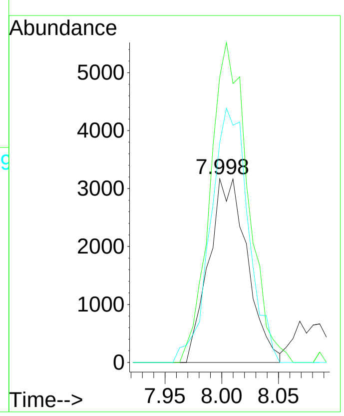


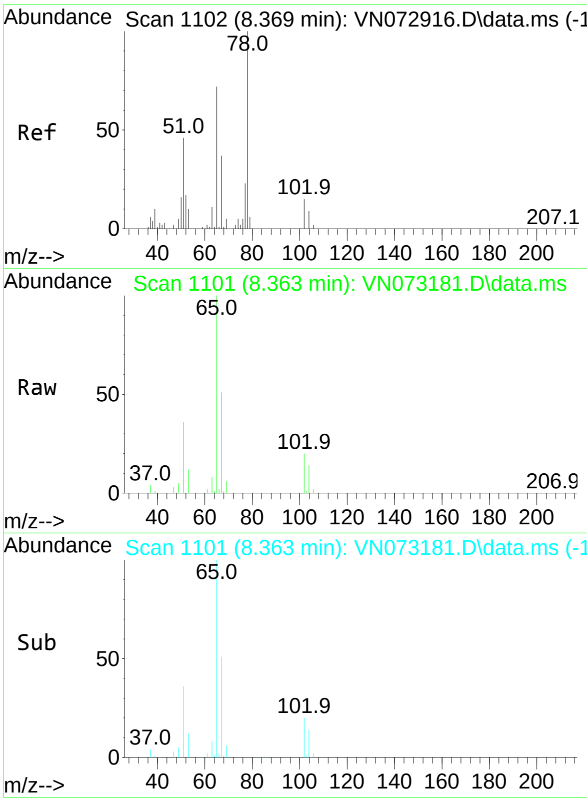


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.998 min Scan# 1039
Delta R.T. -0.024 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion: 56 Resp: 7493

Ion	Ratio	Lower	Upper
56	100		
69	163.3	27.8	41.8#
84	125.8	76.9	115.3#



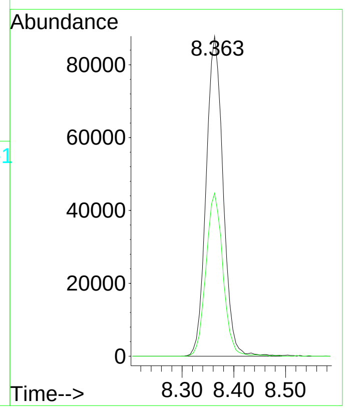


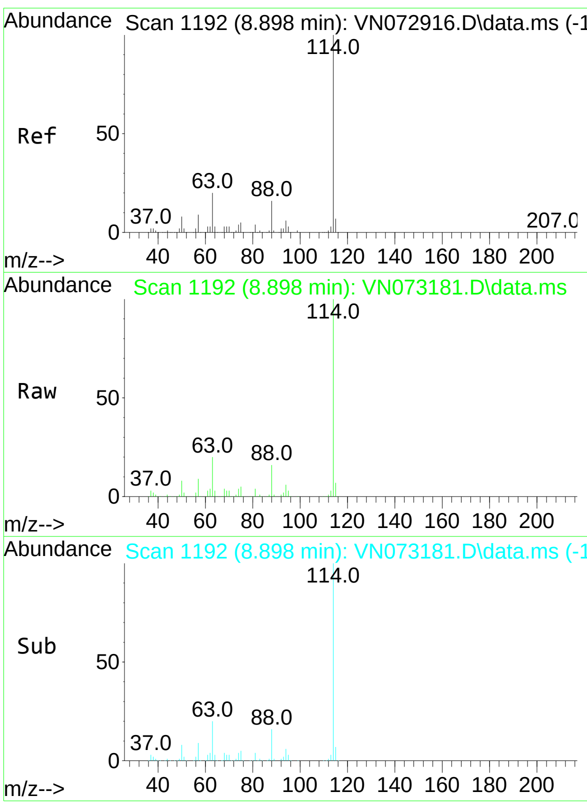
#33
1,2-Dichloroethane-d4
Concen: 43.826 ug/l
RT: 8.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Instrument :
MSVOA_N
ClientSampleId :
B2205-35

Tgt Ion: 65 Resp: 200182

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	104.8

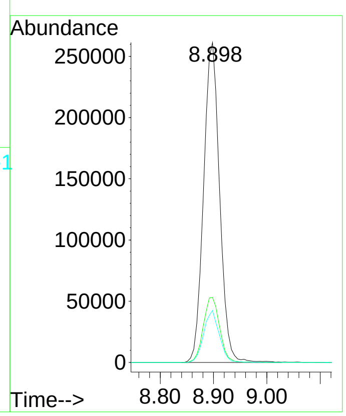


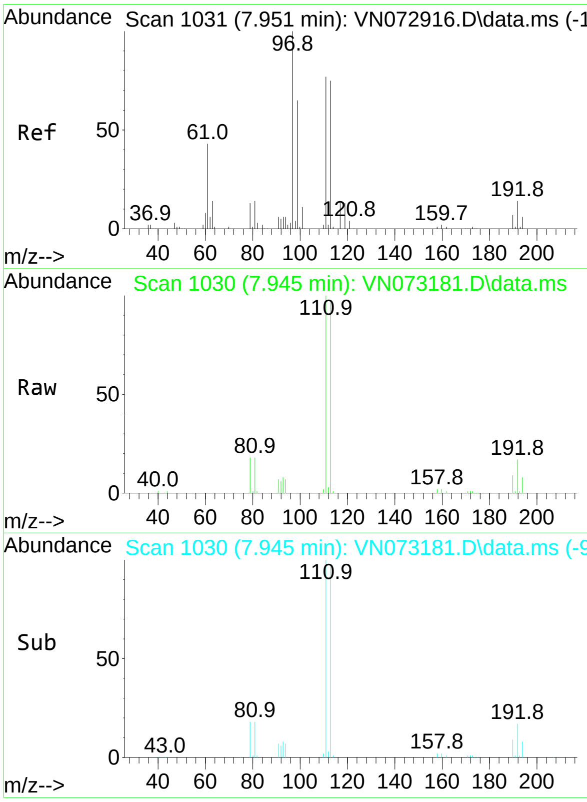


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion:114 Resp: 545903

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.0
88	16.3	0.0	32.6



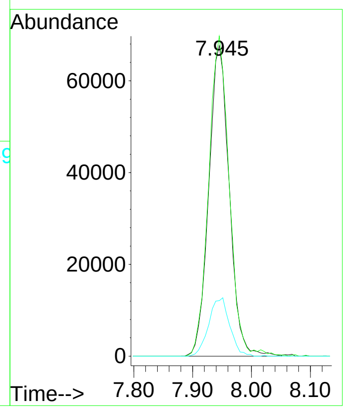


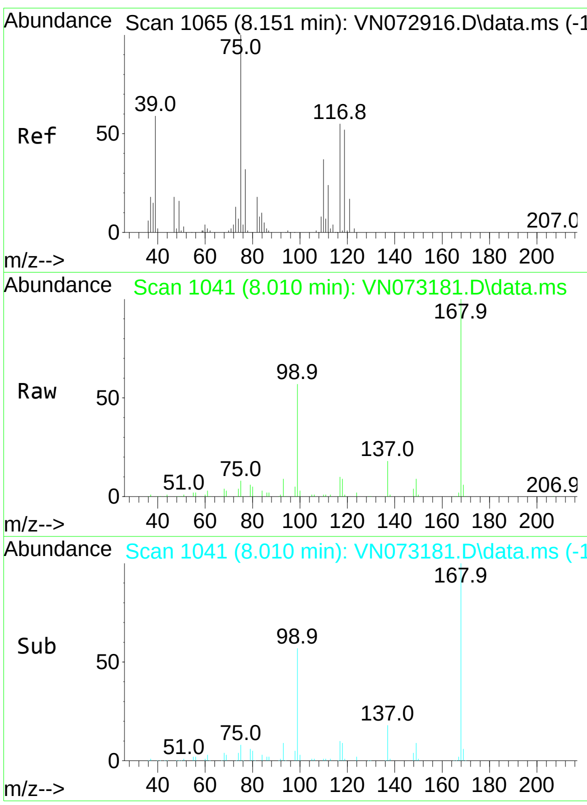
#35
Dibromofluoromethane
Concen: 48.518 ug/l
RT: 7.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Instrument :
MSVOA_N
ClientSampleId :
B2205-35

Tgt Ion:113 Resp: 163709

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.4	122.0
192	19.2	17.0	25.6

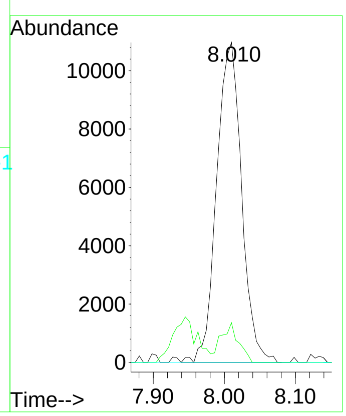


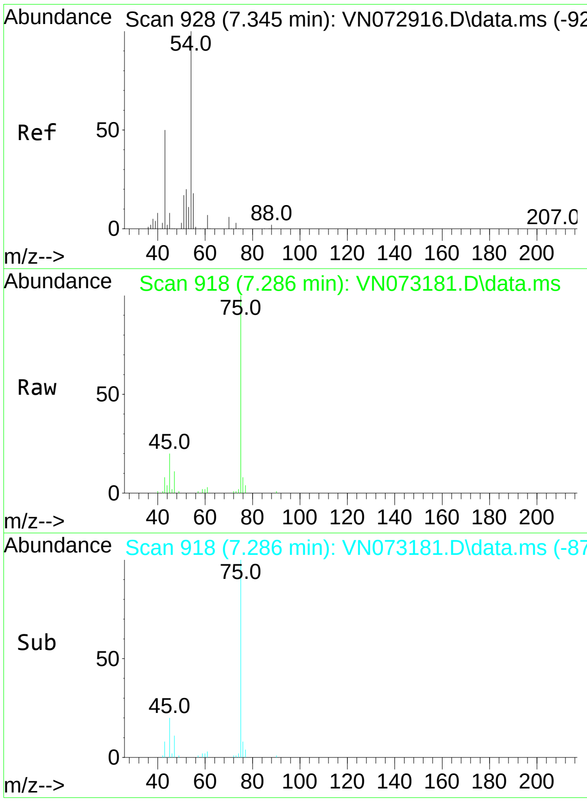


#36
1,1-Dichloropropene
Concen: 5.860 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion: 75 Resp: 26754

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.3	54.8#
77	0.0	25.1	37.7#



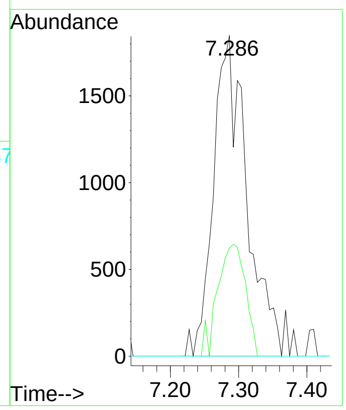


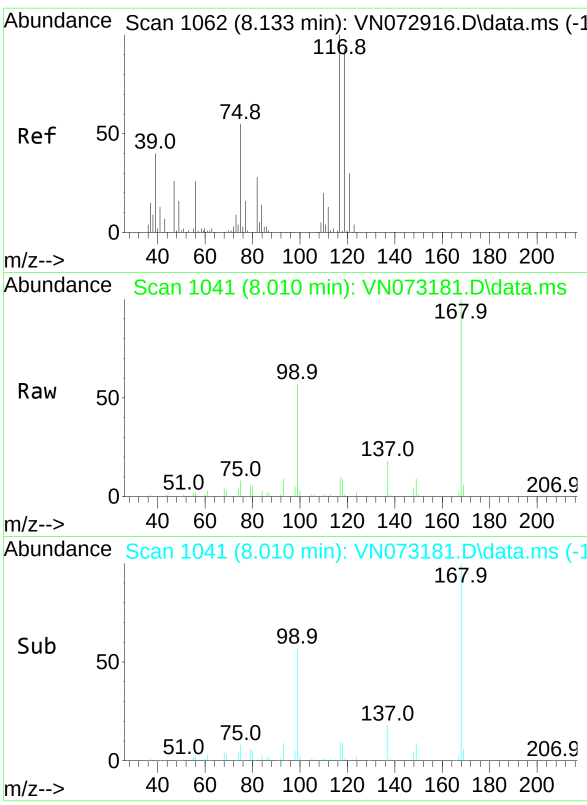
#37
Ethyl Acetate
Concen: 0.862 ug/l
RT: 7.286 min   Scan# 9
Delta R.T.   -0.059 min
Lab File: VN073181.D
Acq: 28 Jun 2022   00:10

Instrument :
MSVOA_N
ClientSampleId :
B2205-35

Tgt Ion: 43 Resp: 6292

Ion	Ratio	Lower	Upper
43	100		
61	29.0	11.8	17.6#
70	0.0	9.3	13.9#

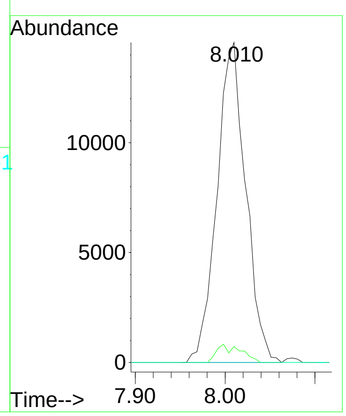


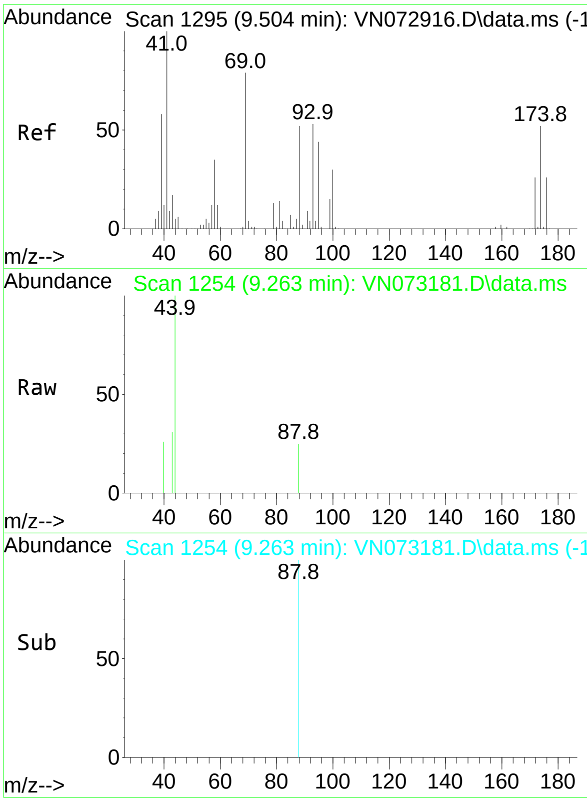


#38
Carbon Tetrachloride
Concen: 6.751 ug/l
RT: 8.010 min   Scan# 1041
Delta R.T.   -0.124 min
Lab File: VN073181.D
Acq: 28 Jun 2022   00:10

Tgt Ion:117 Resp: 32419

Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.8	113.8#
121	0.0	24.6	37.0#



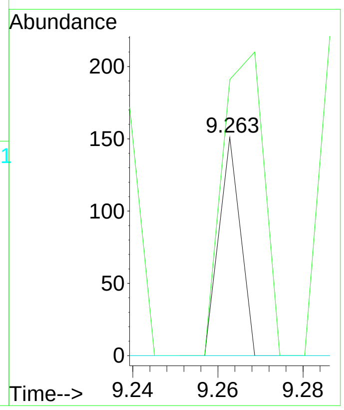


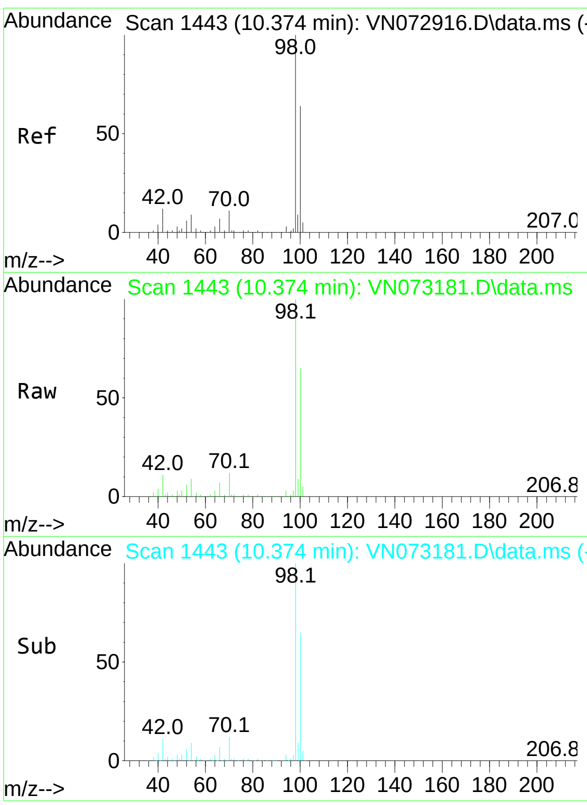
#49
1,4-Dioxane
Concen: 0.494 ug/l
RT: 9.263 min Scan# 1
Delta R.T. -0.241 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Instrument :
MSVOA_N
ClientSampleId :
B2205-35

Tgt Ion: 88 Resp: 53

Ion	Ratio	Lower	Upper
88	100		
43	266.0	20.2	30.4#
58	0.0	54.2	81.4#

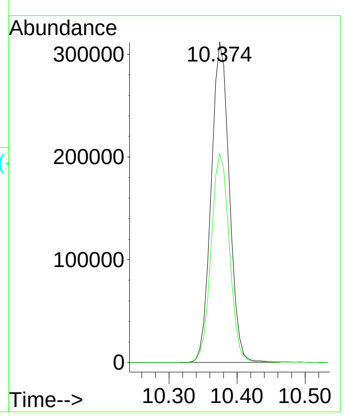


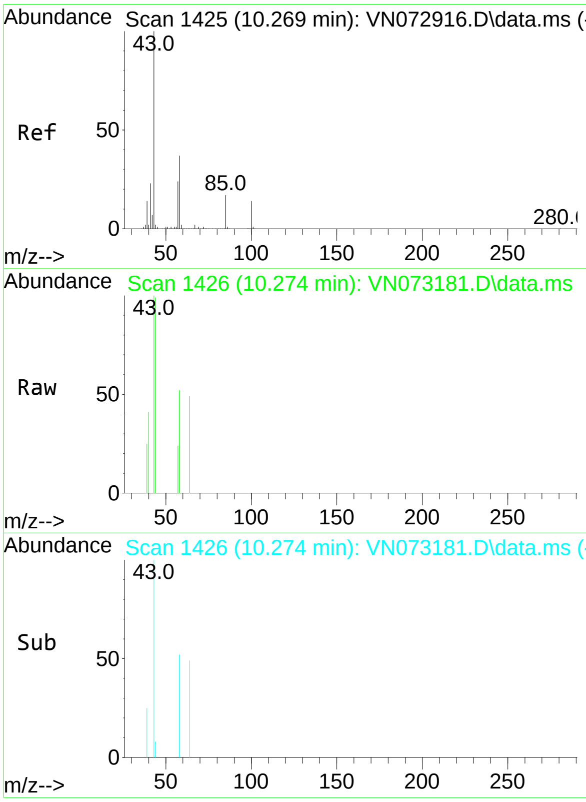


#50
Toluene-d8
Concen: 46.210 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion: 98 Resp: 580180

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	78.8



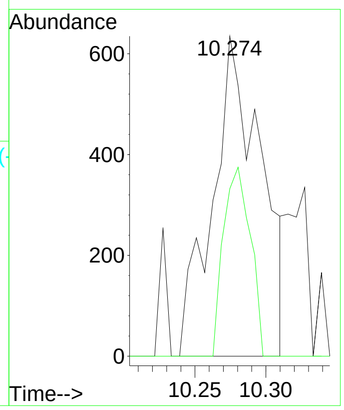


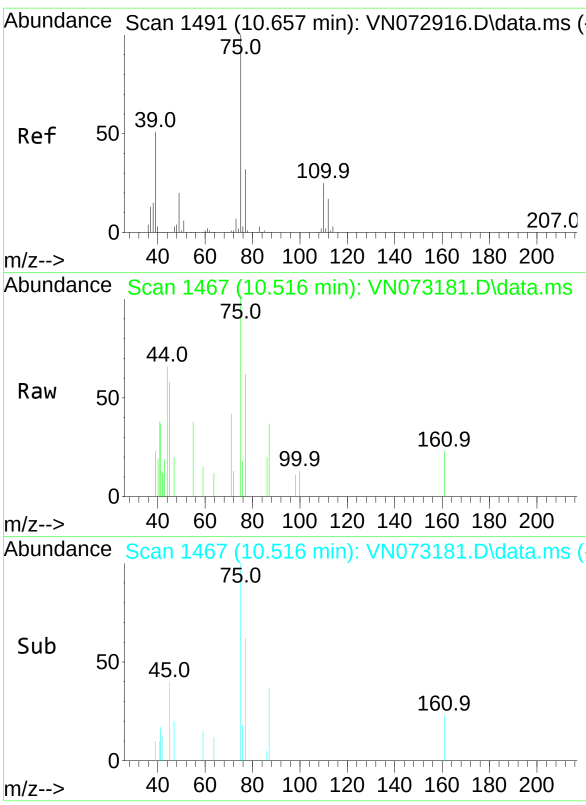
#51
4-Methyl-2-Pentanone
Concen: 0.222 ug/l
RT: 10.274 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Instrument :
MSVOA_N
ClientSampleId :
B2205-35

Tgt Ion: 43 Resp: 1509

Ion	Ratio	Lower	Upper
43	100		
58	32.8	34.1	51.1#

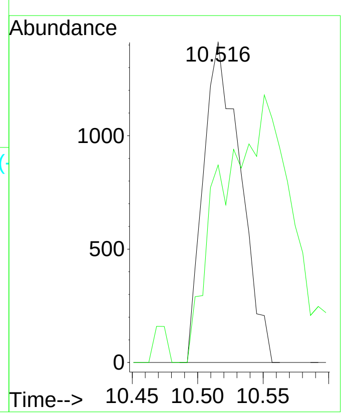


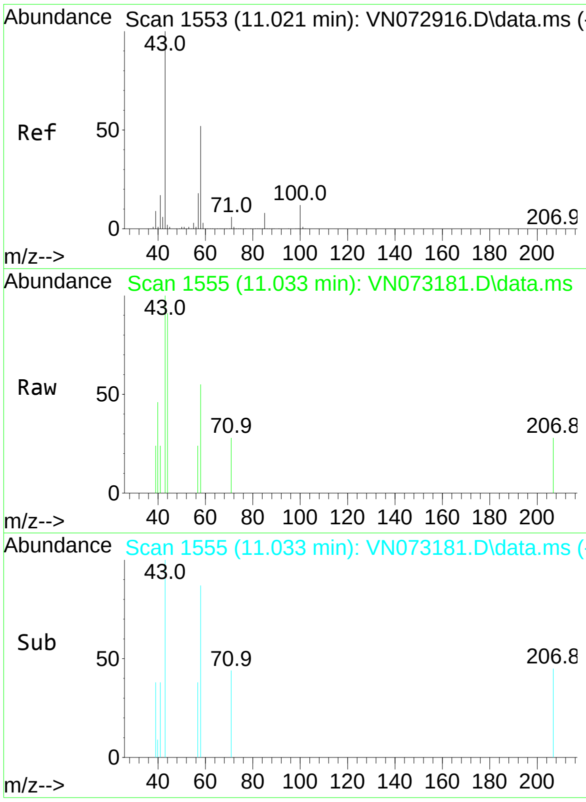


#53
t-1,3-Dichloropropene
Concen: 0.527 ug/l
RT: 10.516 min Scan# 1467
Delta R.T. -0.141 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion: 75 Resp: 2793

Ion	Ratio	Lower	Upper
75	100		
77	61.7	25.6	38.4#



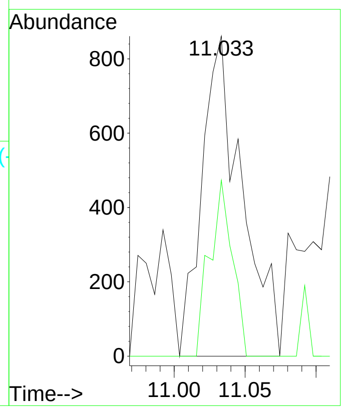


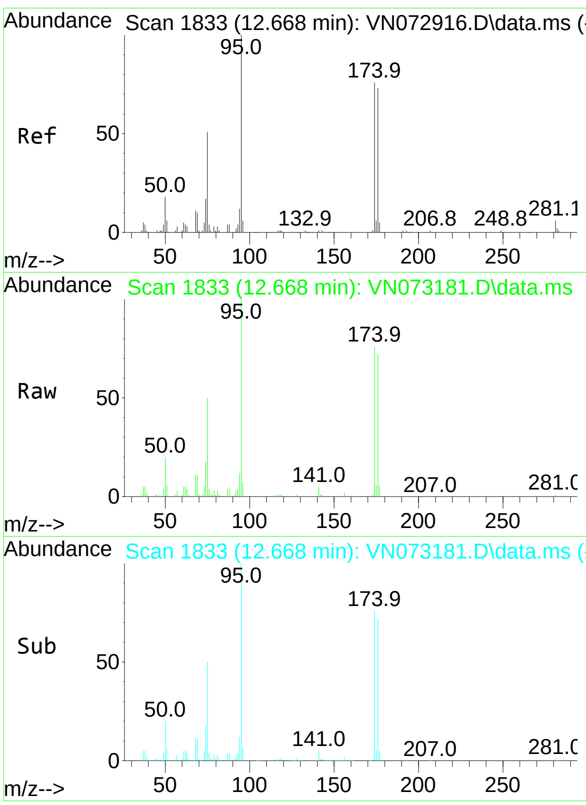
#59
2-Hexanone
Concen: 0.320 ug/l
RT: 11.033 min Scan# 1!
Delta R.T. 0.012 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Instrument :
MSVOA_N
ClientSampleId :
B2205-35

Tgt Ion: 43 Resp: 1687

Ion	Ratio	Lower	Upper
43	100		
58	31.3	29.7	89.1

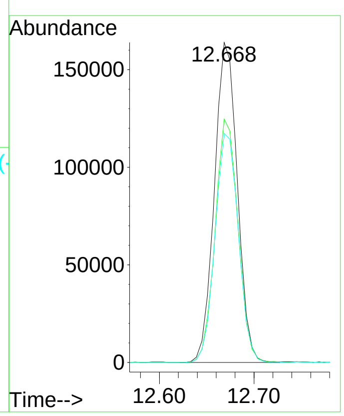


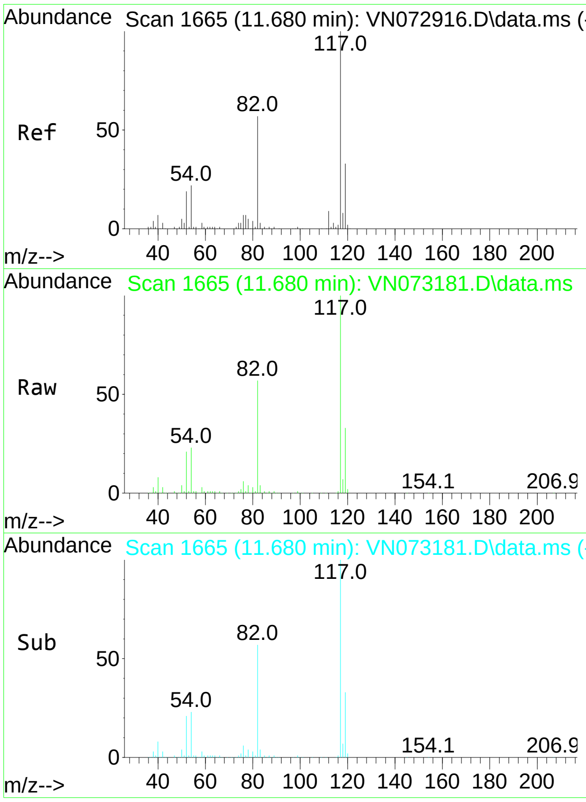


#62
4-Bromofluorobenzene
Concen: 61.194 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion: 95 Resp: 276276

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	167.6
176	73.1	0.0	163.4



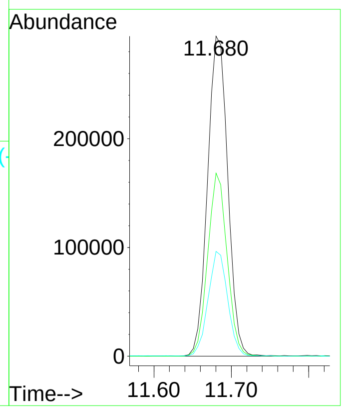


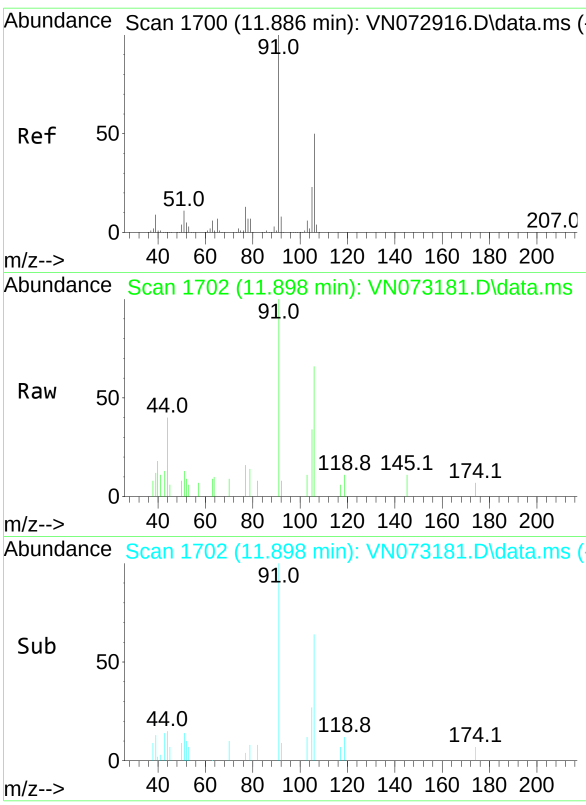
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Instrument :
MSVOA_N
ClientSampleId :
B2205-35

Tgt Ion:117 Resp: 534763

Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.2	66.2
119	32.7	25.4	38.0

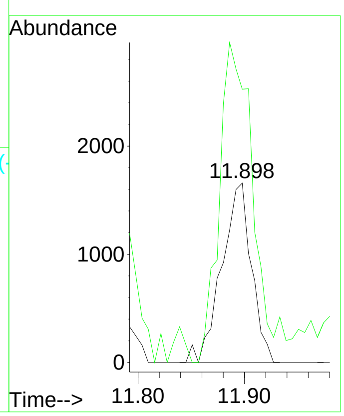


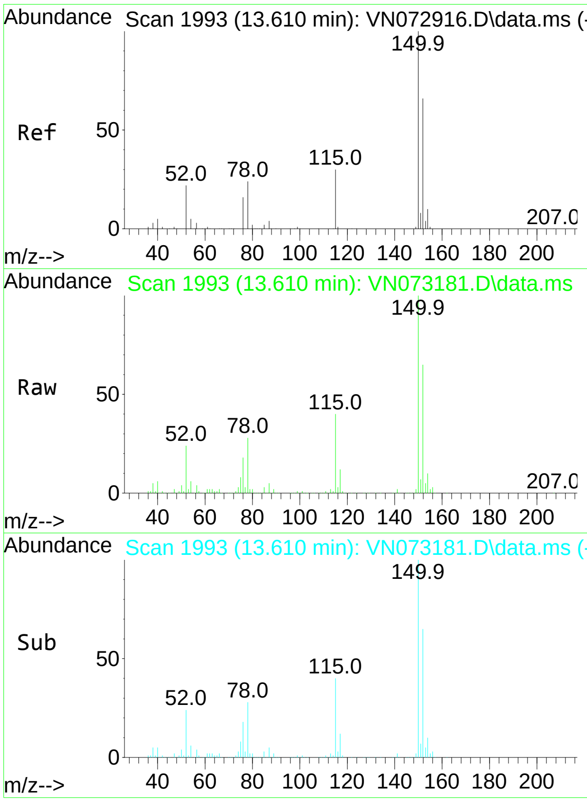


#68
m/p-Xylenes
Concen: 0.446 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion:106 Resp: 3213

Ion	Ratio	Lower	Upper
106	100		
91	196.5	158.9	238.3



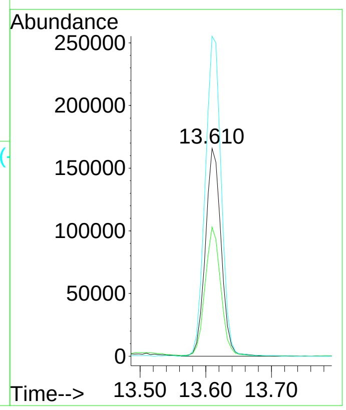


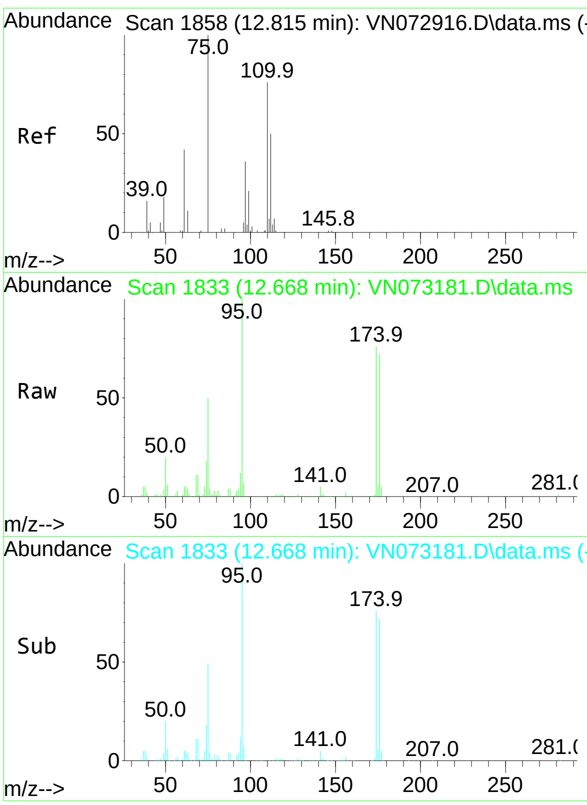
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Instrument :
MSVOA_N
ClientSampleId :
B2205-35

Tgt Ion:152 Resp: 277165

Ion	Ratio	Lower	Upper
152	100		
115	62.6	28.9	86.7
150	156.4	0.0	356.2

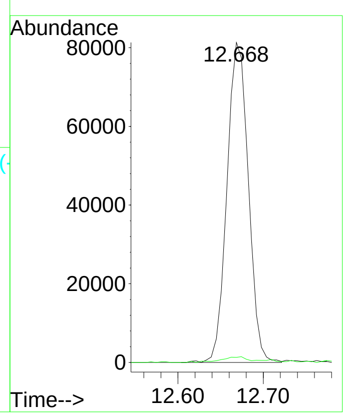


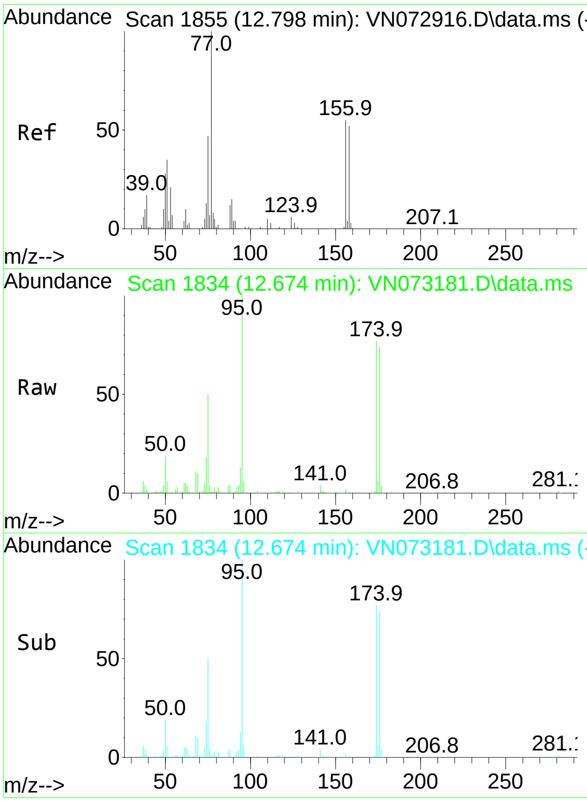


#76
1,2,3-Trichloropropane
Concen: 21.115 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion: 75 Resp: 141888

Ion	Ratio	Lower	Upper
75	100		
77	2.4	98.5	295.5#





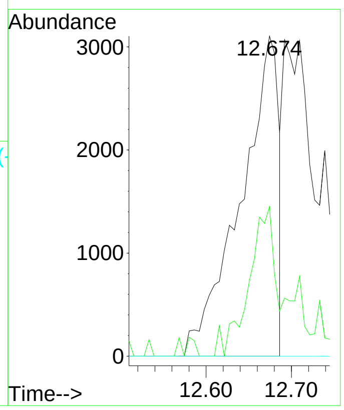
#77
Bromobenzene
Concen: 1.864 ug/l
RT: 12.674 min Scan# 1

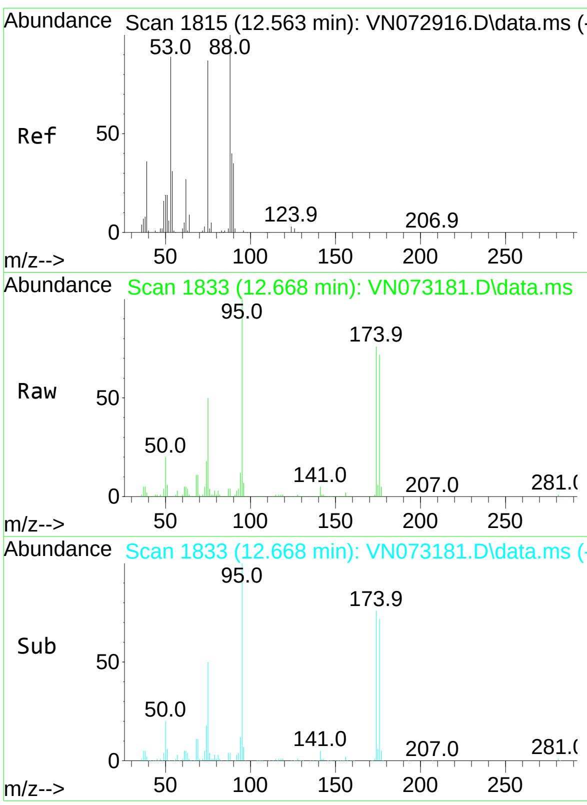
Instrument :
MSVOA_N
ClientSampleId :
B2205-35

Delta R.T. -0.124 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion:156 Resp: 9575

Ion	Ratio	Lower	Upper
156	100		
77	36.1	100.5	301.5#
158	0.0	48.9	146.6#

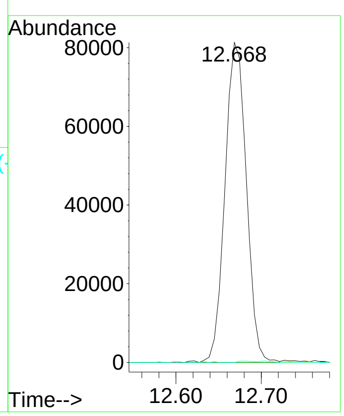


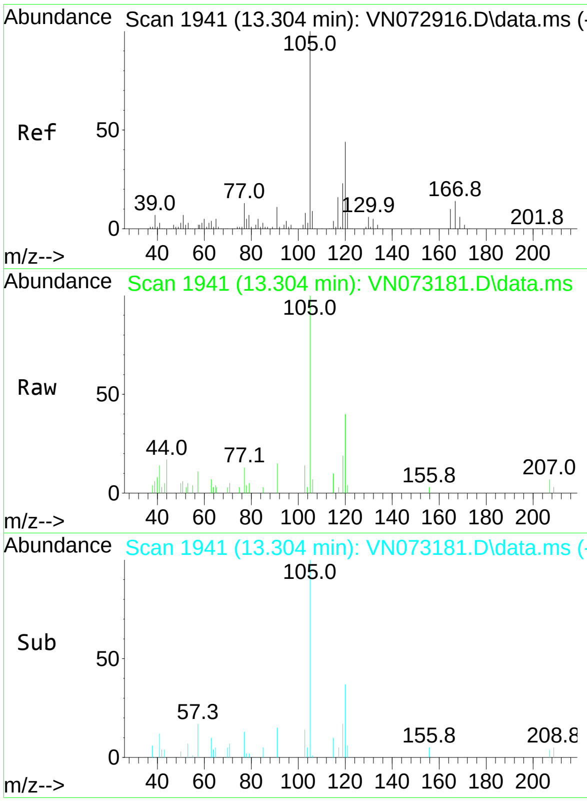


#81
trans-1,4-Dichloro-2-butene
Concen: 57.023 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion: 75 Resp: 141888

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.0	117.0#
89	0.3	37.2	55.8#



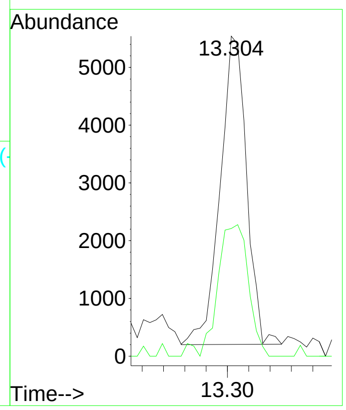


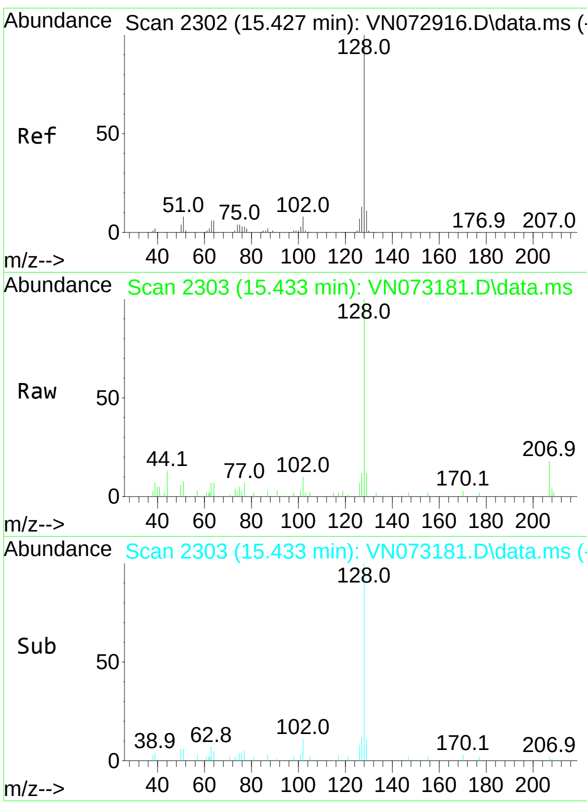
#84
1,2,4-Trimethylbenzene
Concen: 0.525 ug/l
RT: 13.304 min Scan# 19
Delta R.T. -0.000 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Instrument :
MSVOA_N
ClientSampleId :
B2205-35

Tgt Ion:105 Resp: 9206

Ion	Ratio	Lower	Upper
105	100		
120	50.0	23.3	69.8





#95
Naphthalene
Concen: 1.044 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073181.D
Acq: 28 Jun 2022 00:10

Tgt Ion:128 Resp: 22344

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.3	15.5
129	13.2	8.6	13.0#