

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047084.D
 Acq On : 10 Feb 2022 19:29
 Operator : SY/MD
 Sample : N1462-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 01:15:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 11 01:13:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

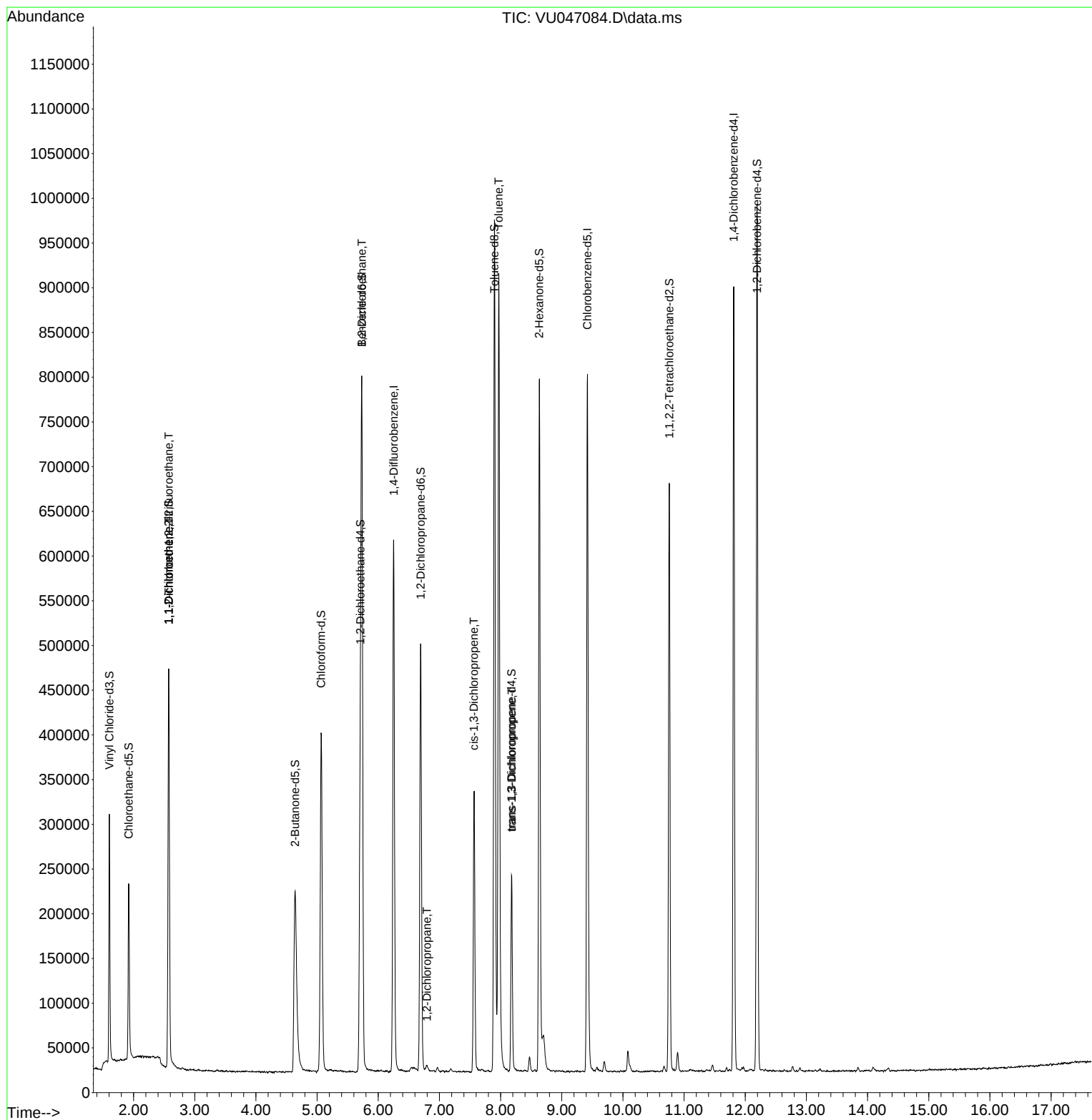
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	503987	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	467500	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	237230	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	204080	44.586	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.180%		
7) Chloroethane-d5	1.919	69	155256	45.756	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.520%		
11) 1,1-Dichloroethene-d2	2.575	63	268315	35.374	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.740%		
21) 2-Butanone-d5	4.639	46	400085	112.703	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	112.700%		
24) Chloroform-d	5.067	84	331488	44.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.220%		
26) 1,2-Dichloroethane-d4	5.706	65	220272	46.184	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.360%		
32) Benzene-d6	5.732	84	729068	46.909	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.820%		
36) 1,2-Dichloropropane-d6	6.694	67	235253	46.674	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.340%		
41) Toluene-d8	7.899	98	683298	46.174	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.340%		
43) trans-1,3-Dichloroprop...	8.179	79	122075	46.217	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.440%		
47) 2-Hexanone-d5	8.632	63	297180	102.917	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.920%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	337919	45.979	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.960%		
66) 1,2-Dichlorobenzene-d4	12.195	152	261228	46.430	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.860%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2577	0.771	ug/L #	25
12) 1,1-Dichloroethene	2.575	96	2625	0.801	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	4030	0.801	ug/L	96
37) 1,2-Dichloropropane	6.796	63	2340	0.599	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	6858	1.080	ug/L #	67
42) Toluene	7.970	91	706269	44.098	ug/L	100
44) trans-1,3-Dichloropropene	8.182	75	5222	0.856	ug/L #	79

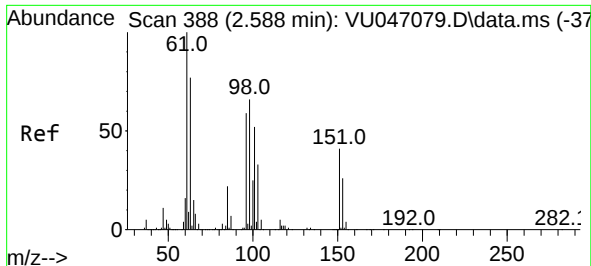
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Feb 11 01:13:45 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.771 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

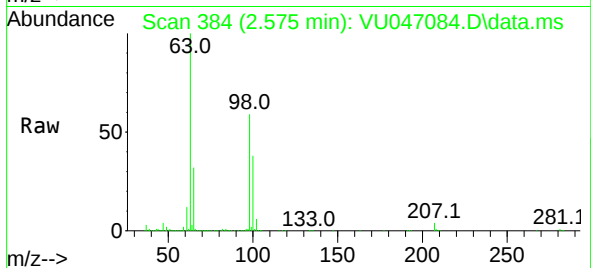
Lab File: VU047084.D

Acq: 10 Feb 2022 19:29

Instrument :

MSVOA_U

ClientSampleId :



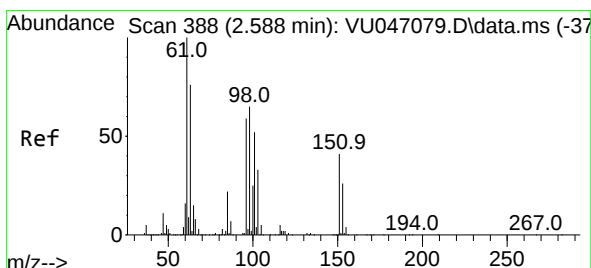
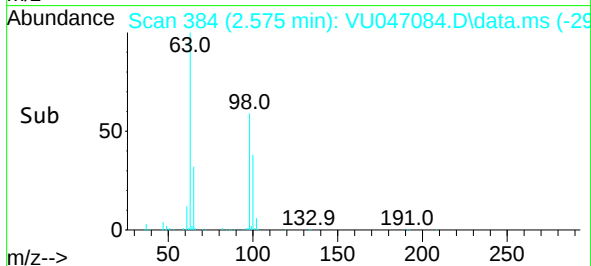
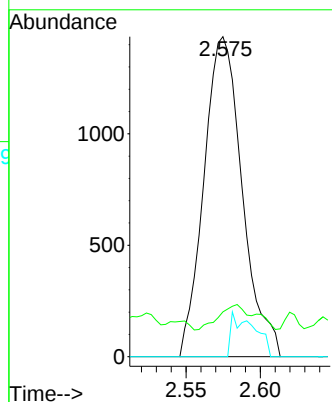
Tgt Ion:101 Resp: 2577

Ion Ratio Lower Upper

101 100

85 5.7 34.9 52.3#

151 2.4 58.3 87.5#



#12

1,1-Dichloroethene

Concen: 0.801 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU047084.D

Acq: 10 Feb 2022 19:29

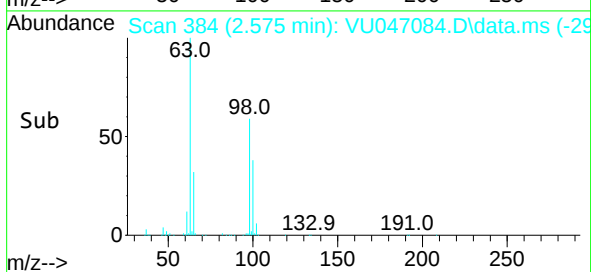
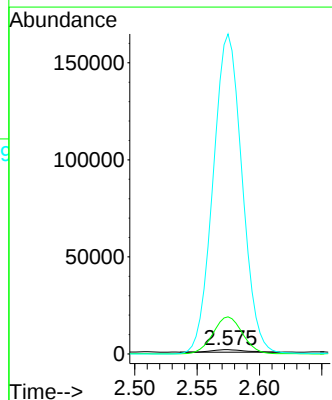
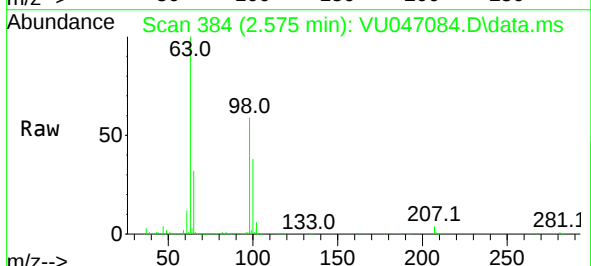
Tgt Ion: 96 Resp: 2625

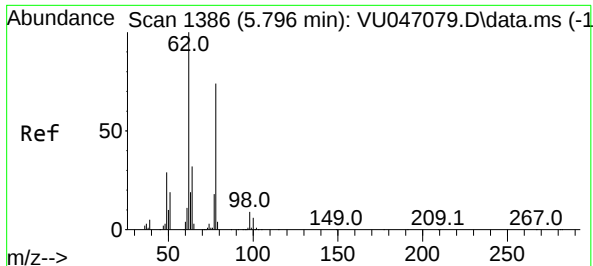
Ion Ratio Lower Upper

96 100

61 856.5 114.9 213.3#

63 7366.6 86.0 159.8#





#27

1,2-Dichloroethane

Concen: 0.801 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.064 min

Lab File: VU047084.D

Acq: 10 Feb 2022 19:29

Instrument :

MSVOA_U

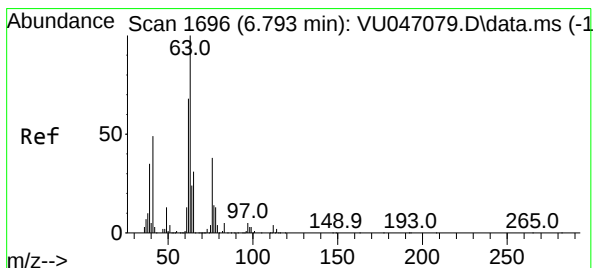
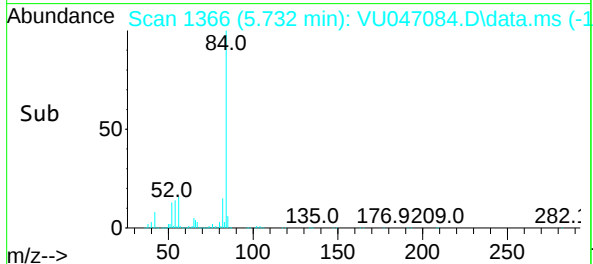
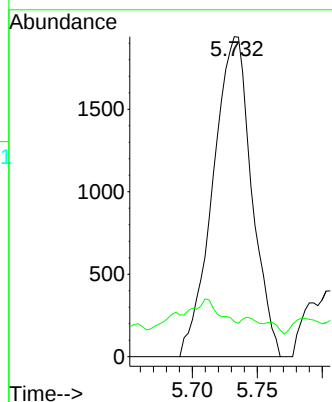
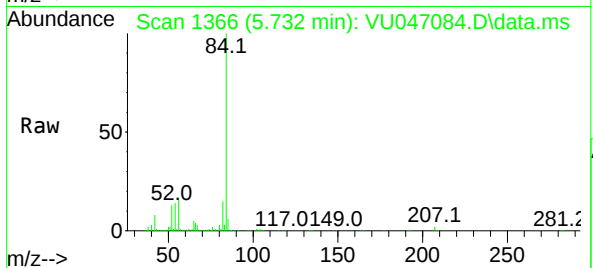
ClientSampleId :

Tgt Ion: 62 Resp: 4030

Ion Ratio Lower Upper

62 100

98 11.0 7.7 11.5



#37

1,2-Dichloropropane

Concen: 0.599 ug/L

RT: 6.796 min Scan# 1697

Delta R.T. 0.003 min

Lab File: VU047084.D

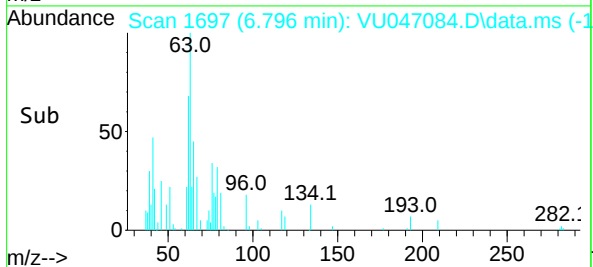
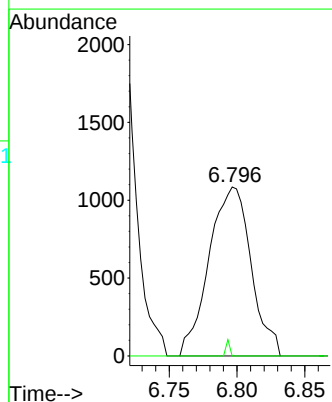
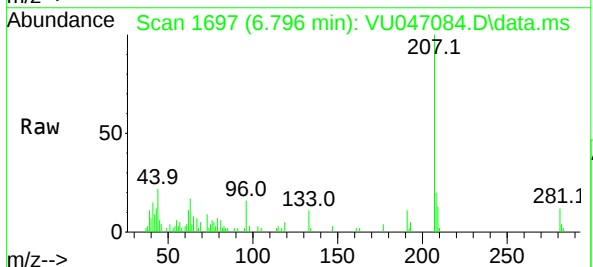
Acq: 10 Feb 2022 19:29

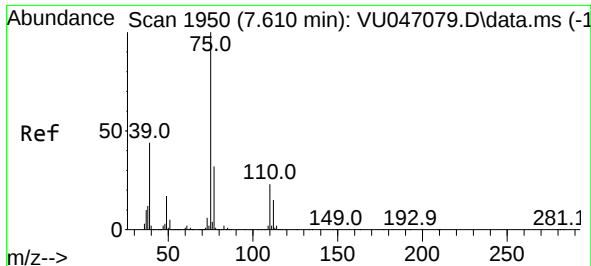
Tgt Ion: 63 Resp: 2340

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 1.080 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU047084.D

Acq: 10 Feb 2022 19:29

Instrument :

MSVOA_U

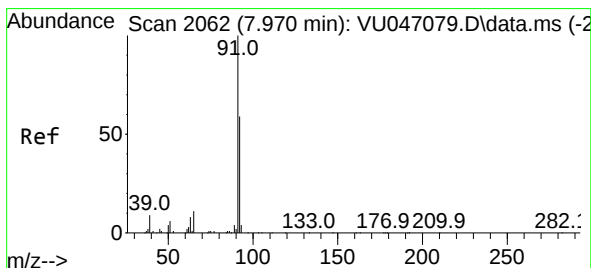
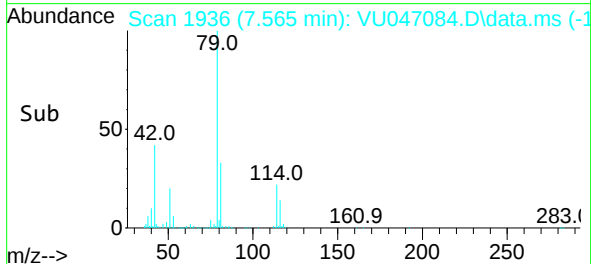
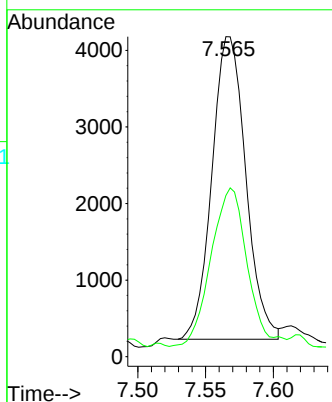
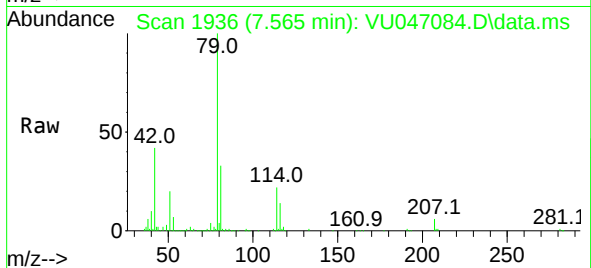
ClientSampleId :

Tgt Ion: 75 Resp: 6858

Ion Ratio Lower Upper

75 100

77 50.4 22.3 41.3#



#42

Toluene

Concen: 44.098 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047084.D

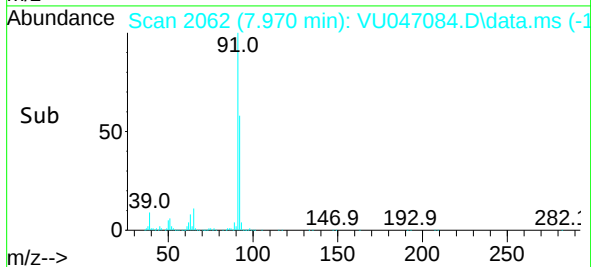
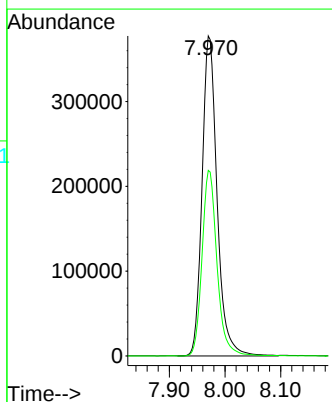
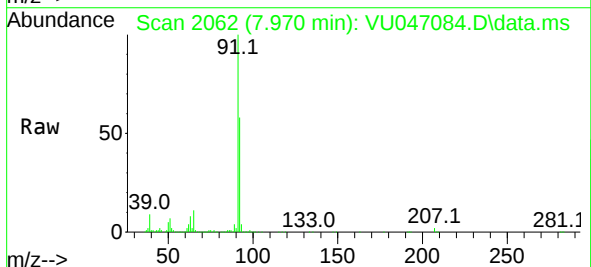
Acq: 10 Feb 2022 19:29

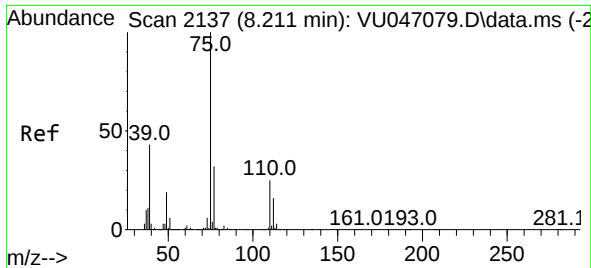
Tgt Ion: 91 Resp: 706269

Ion Ratio Lower Upper

91 100

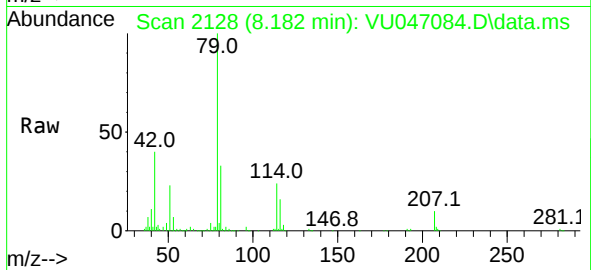
92 58.0 40.4 75.0





#44
 trans-1,3-Dichloropropene
 Concen: 0.856 ug/L
 RT: 8.182 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: VU047084.D
 Acq: 10 Feb 2022 19:29

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5222
 Ion Ratio Lower Upper
 75 100
 77 44.6 23.0 42.8#

