

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
 Data File : VU046292.D
 Acq On : 11 Dec 2021 17:20
 Operator : SY/MD
 Sample : M4983-11DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P0DL

Quant Time: Dec 12 01:39:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/13/2021
 Supervised By : Mahesh Dadoda 12/13/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	183151	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	187155	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	94474	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	50314	33.349	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.700%		
7) Chloroethane-d5	1.916	69	43388	37.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.920%		
11) 1,1-Dichloroethene-d2	2.571	63	72377	26.723	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.440%#		
21) 2-Butanone-d5	4.636	46	121503	101.308	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.310%		
24) Chloroform-d	5.066	84	111221	44.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.280%		
26) 1,2-Dichloroethane-d4	5.706	65	78679	46.533	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.060%		
32) Benzene-d6	5.732	84	222584	41.494	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.980%		
36) 1,2-Dichloropropane-d6	6.693	67	73903	44.454	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.900%		
41) Toluene-d8	7.899	98	188394	38.573	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.140%#		
43) trans-1,3-Dichloroprop...	8.182	79	34918	43.510	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.020%		
47) 2-Hexanone-d5	8.635	63	85100	107.963	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.960%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	123769	49.092	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.180%		
66) 1,2-Dichlorobenzene-d4	12.195	152	84313	46.341	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.680%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	1846	1.458	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	14479	5.942	ug/L	97
20) cis-1,2-Dichloroethene	4.674	96	15038	10.341	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	97424	42.407	ug/L	99
46) Tetrachloroethene	8.558	164	2182m	1.990	ug/L	

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

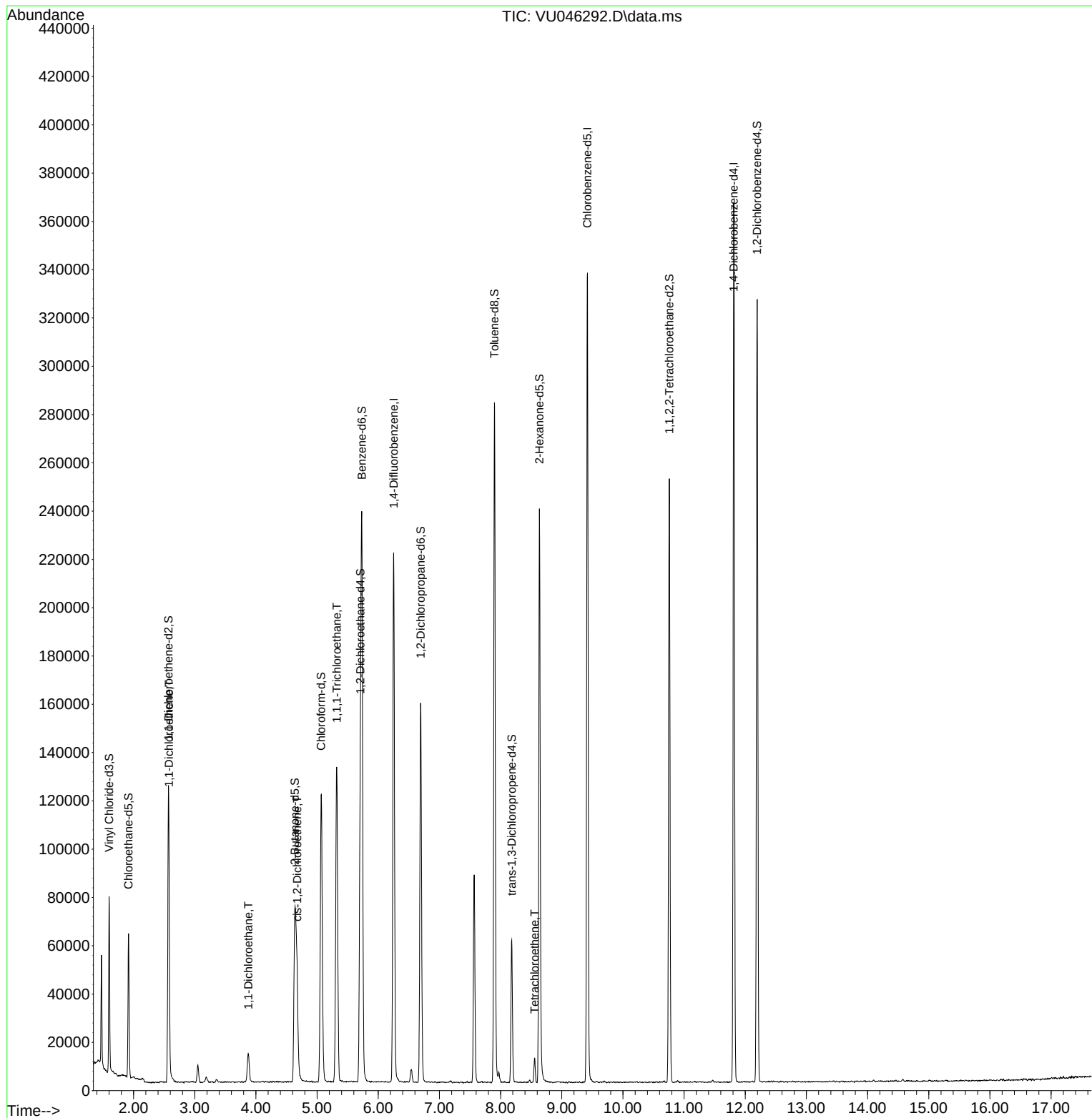
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
Data File : VU046292.D
Acq On : 11 Dec 2021 17:20
Operator : SY/MD
Sample : M4983-11DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

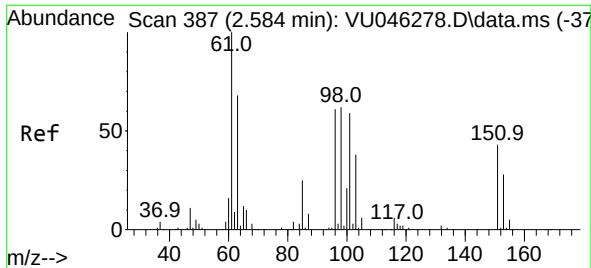
Instrument :
MSVOA_U
ClientSampleId :
EW5P0DL

Quant Time: Dec 12 01:39:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

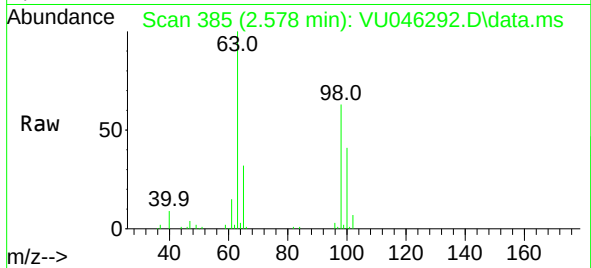
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/13/2021





#12
1,1-Dichloroethene
Concen: 1.458 ug/L
RT: 2.578 min Scan# 387
Delta R.T. -0.007 min
Lab File: VU046292.D
Acq: 11 Dec 2021 17:20

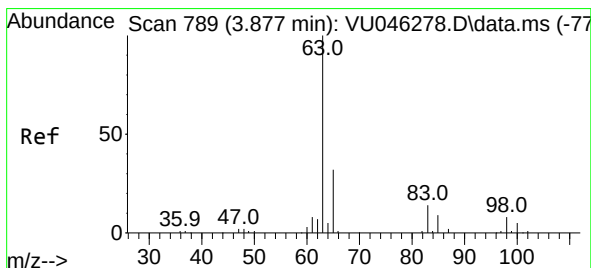
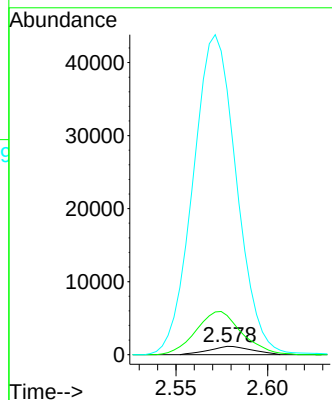
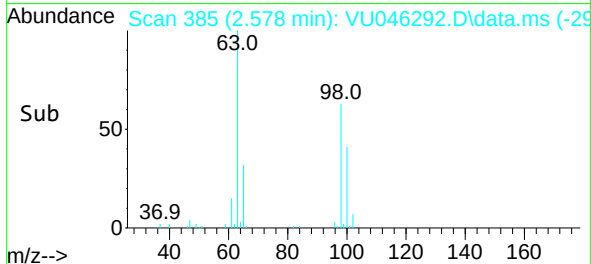
Instrument :
MSVOA_U
ClientSampleId :
EW5P0DL



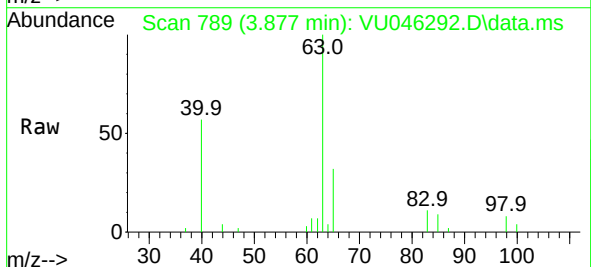
Tgt Ion: 96 Resp: 1840
Ion Ratio Lower Upper
96 100
61 474.0 118.6 220.2
63 3208.5 93.0 172.8

Manual Integrations
APPROVED

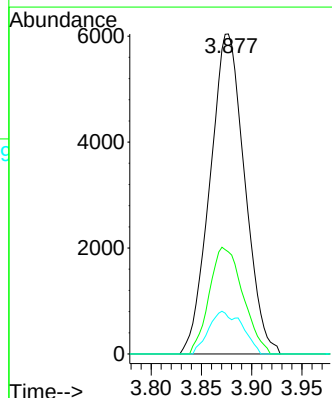
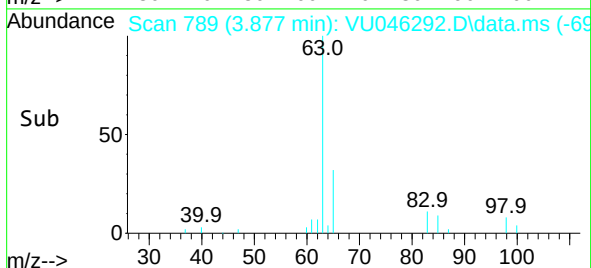
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/13/2021

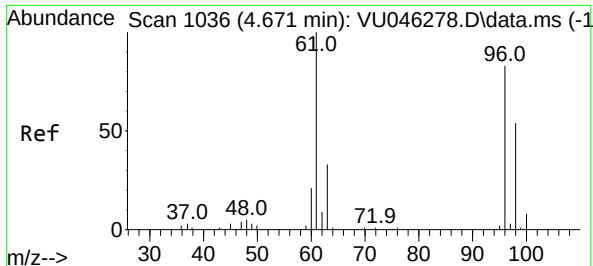


#19
1,1-Dichloroethane
Concen: 5.942 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU046292.D
Acq: 11 Dec 2021 17:20



Tgt Ion: 63 Resp: 14479
Ion Ratio Lower Upper
63 100
65 31.9 22.8 42.4
83 11.4 9.6 17.8





#20

cis-1,2-Dichloroethene

Concen: 10.341 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU046292.D

Acq: 11 Dec 2021 17:20

Instrument :

MSVOA_U

ClientSampleId :

EW5P0DL

Tgt Ion: 96 Resp: 15038

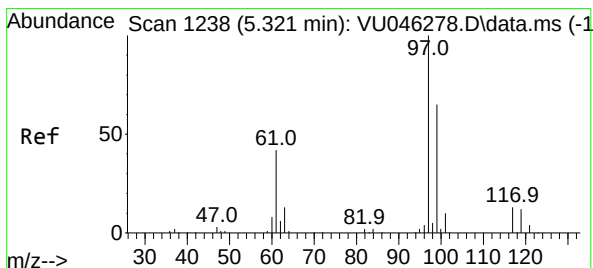
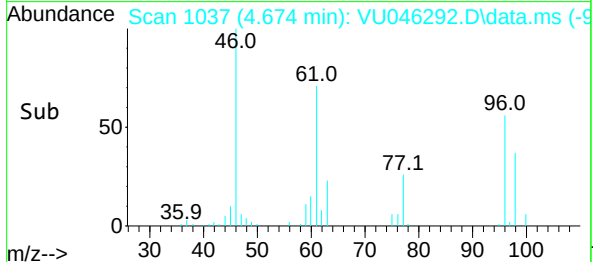
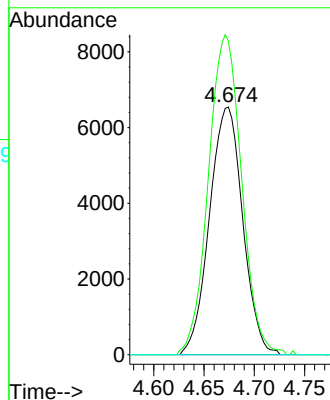
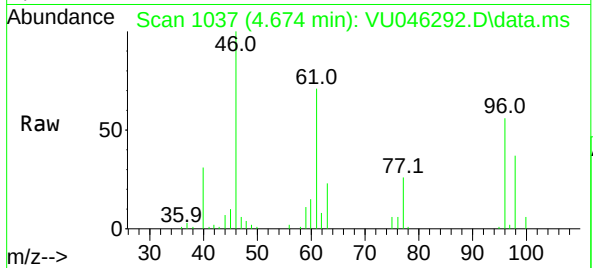
Ion	Ratio	Lower	Upper
96	100		
61	126.8	86.8	161.2
68	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/13/2021



#30

1,1,1-Trichloroethane

Concen: 42.407 ug/L

RT: 5.321 min Scan# 1238

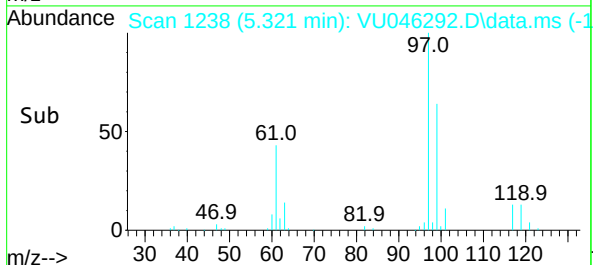
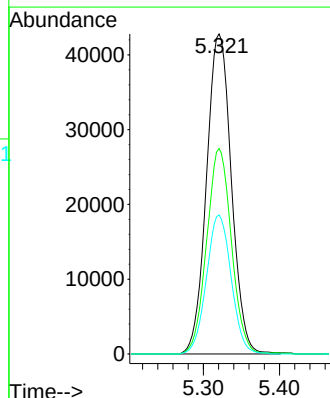
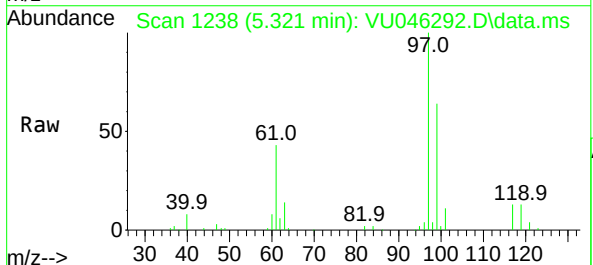
Delta R.T. -0.000 min

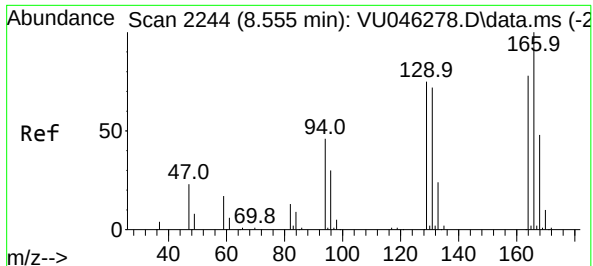
Lab File: VU046292.D

Acq: 11 Dec 2021 17:20

Tgt Ion: 97 Resp: 97424

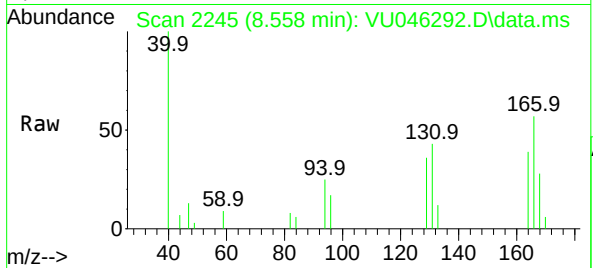
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.6
61	43.1	34.4	51.6





#46
Tetrachloroethene
Concen: 1.990 ug/L m
RT: 8.558 min Scan# 218
Delta R.T. 0.003 min
Lab File: VU046292.D
Acq: 11 Dec 2021 17:20

Instrument :
MSVOA_U
ClientSampleId :
EW5P0DL



Tgt Ion:164 Resp: 218
Ion Ratio Lower Upper
164 100
129 92.3 71.1 132.1
131 110.5 67.8 126.0
166 144.1 90.6 168.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/13/2021

