

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046350.D
 Acq On : 14 Dec 2021 13:05
 Operator : SY/MD
 Sample : M5002-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 15 01:42:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 01:40:37 2021
 Response via : Initial Calibration

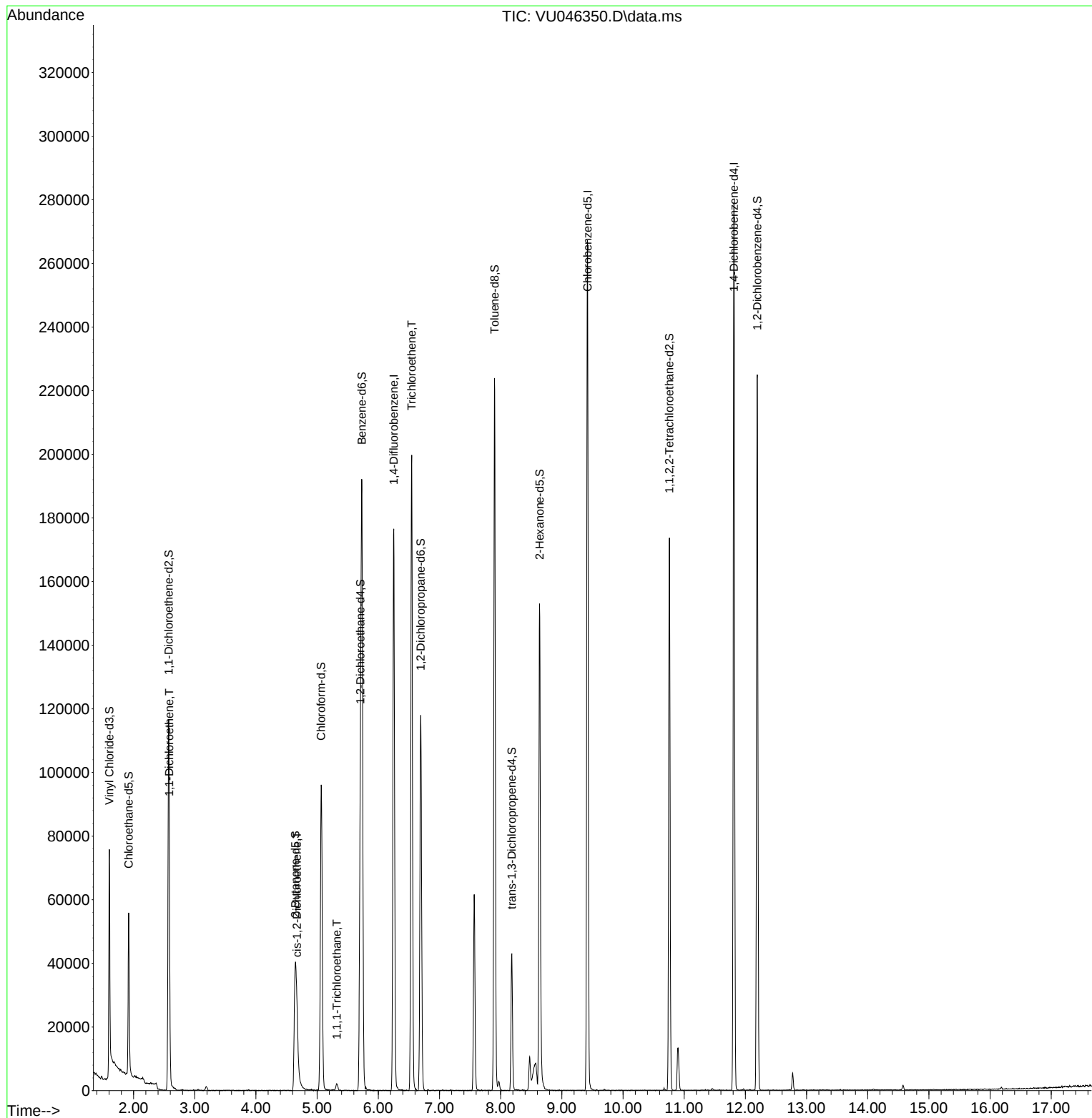
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

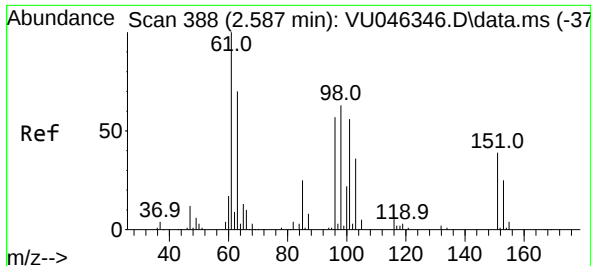
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	141187	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	147423	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71913	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	49977	42.972	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.940%
7) Chloroethane-d5	1.919	69	38152	42.725	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.460%
11) 1,1-Dichloroethene-d2	2.575	63	68449	32.785	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.560%
21) 2-Butanone-d5	4.645	46	77520	83.846	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.850%
24) Chloroform-d	5.067	84	90140	46.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.820%
26) 1,2-Dichloroethane-d4	5.706	65	60555	46.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.920%
32) Benzene-d6	5.732	84	175143	41.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.900%
36) 1,2-Dichloropropane-d6	6.694	67	56328	43.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.020%
41) Toluene-d8	7.899	98	147373	38.306	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.620%#
43) trans-1,3-Dichloroprop...	8.182	79	25341	40.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.180%
47) 2-Hexanone-d5	8.636	63	57993	93.402	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.400%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	84266	42.431	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.860%
66) 1,2-Dichlorobenzene-d4	12.195	152	57905	41.811	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.620%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	4672	4.786	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	4020	3.586	ug/L	87
30) 1,1,1-Trichloroethane	5.321	97	1919	1.060	ug/L	92
34) Trichloroethene	6.546	95	68280	58.088	ug/L	98

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

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#12

1,1-Dichloroethene

Concen: 4.786 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU046350.D

Acq: 14 Dec 2021 13:05

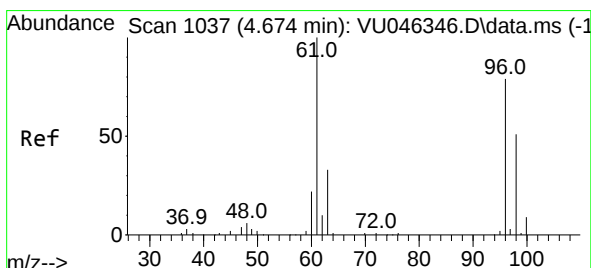
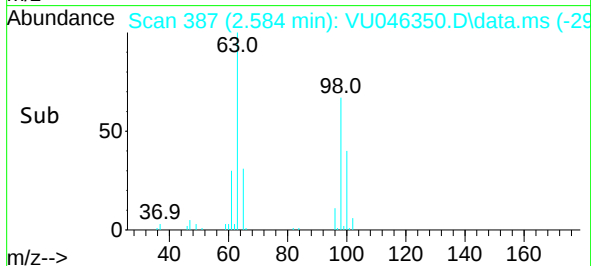
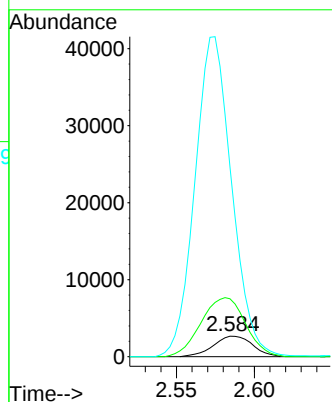
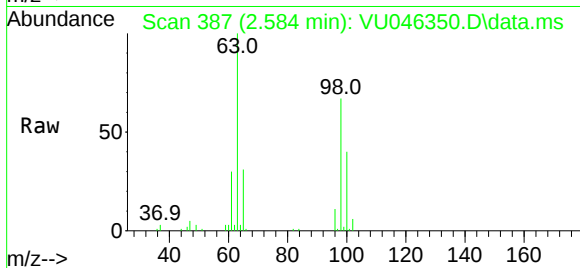
Tgt Ion: 96 Resp: 4672

Ion Ratio Lower Upper

96 100

61 283.3 118.6 220.2#

63 928.9 93.0 172.8#



#20

cis-1,2-Dichloroethene

Concen: 3.586 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

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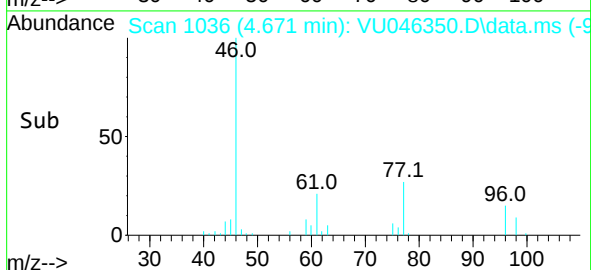
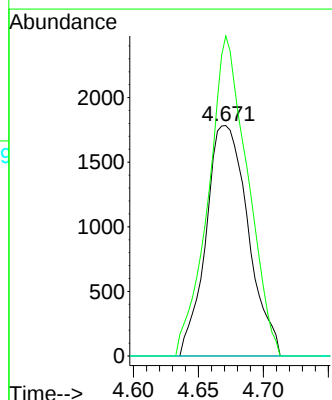
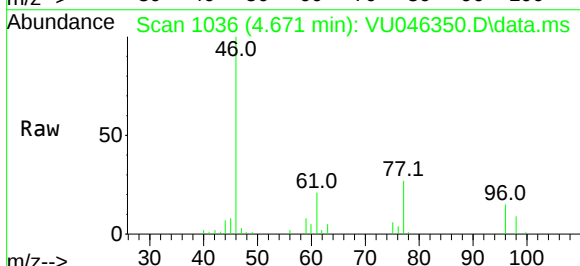
Tgt Ion: 96 Resp: 4020

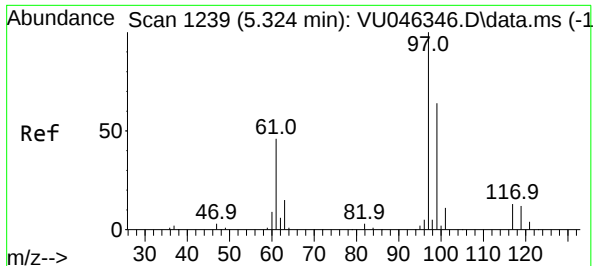
Ion Ratio Lower Upper

96 100

61 138.8 86.8 161.2

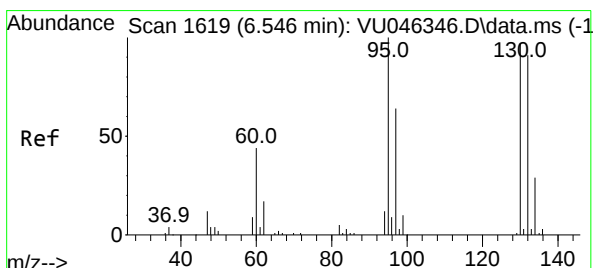
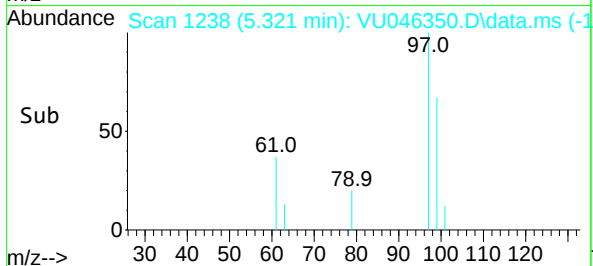
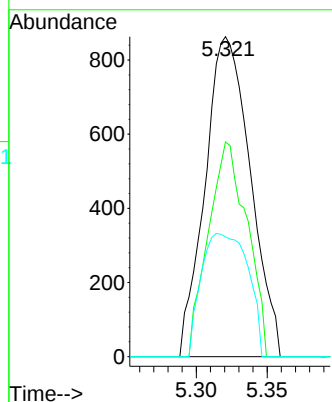
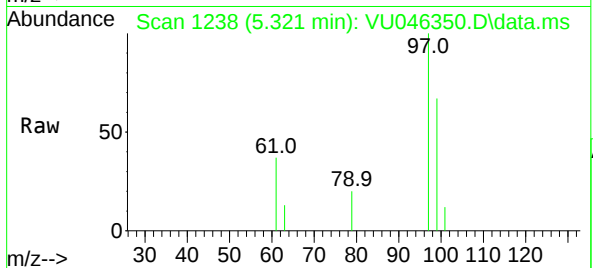
68 0.0 0.0 0.0





#30
1,1,1-Trichloroethane
Concen: 1.060 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
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Tgt Ion: 97	Resp:	1919
Ion Ratio	Lower	Upper
97 100		
99 57.3	51.8	77.6
61 39.4	34.4	51.6



#34
Trichloroethene
Concen: 58.088 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046350.D
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Tgt Ion: 95	Resp:	68280	
Ion	Ratio	Lower	Upper
95	100		
97	66.5	44.1	81.9
132	94.5	66.8	124.0
130	97.2	69.0	128.1

