

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046352.D
 Acq On : 14 Dec 2021 13:50
 Operator : SY/MD
 Sample : M5002-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 15 01:42:28 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

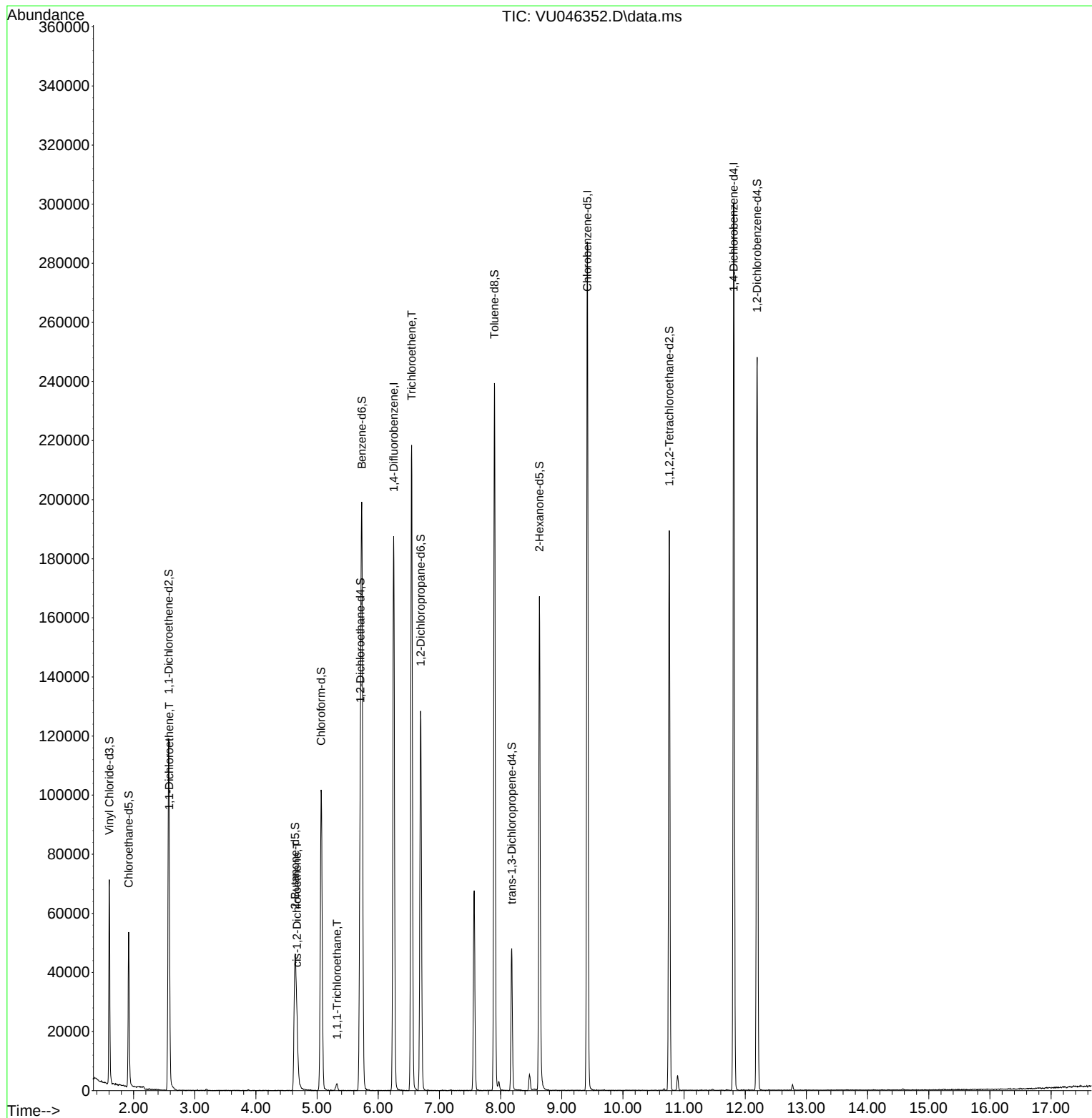
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

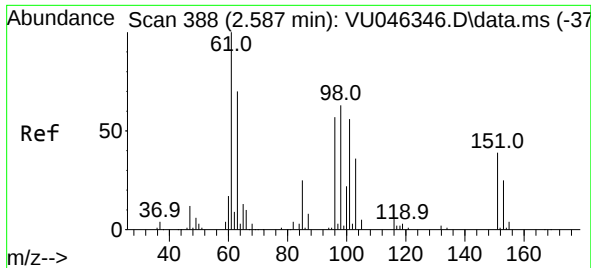
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	149793	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	156818	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76333	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	50523	40.945	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.900%		
7) Chloroethane-d5	1.919	69	38620	40.765	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.520%		
11) 1,1-Dichloroethene-d2	2.575	63	70092	31.643	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.280%		
21) 2-Butanone-d5	4.642	46	82882	84.495	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.500%		
24) Chloroform-d	5.067	84	96064	46.620	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.240%		
26) 1,2-Dichloroethane-d4	5.706	65	64601	46.715	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.420%		
32) Benzene-d6	5.732	84	185045	41.170	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.340%		
36) 1,2-Dichloropropane-d6	6.693	67	60100	43.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.280%		
41) Toluene-d8	7.899	98	157124	38.394	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.780%#		
43) trans-1,3-Dichloroprop...	8.182	79	26945	40.071	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.140%		
47) 2-Hexanone-d5	8.636	63	60191	91.135	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.130%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	90699	42.934	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.860%		
66) 1,2-Dichlorobenzene-d4	12.195	152	63268	43.038	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.080%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	5348	5.163	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	4428	3.723	ug/L	96
30) 1,1,1-Trichloroethane	5.327	97	2146	1.115	ug/L #	72
34) Trichloroethene	6.546	95	75328	60.244	ug/L	98

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

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#12

1,1-Dichloroethene

Concen: 5.163 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

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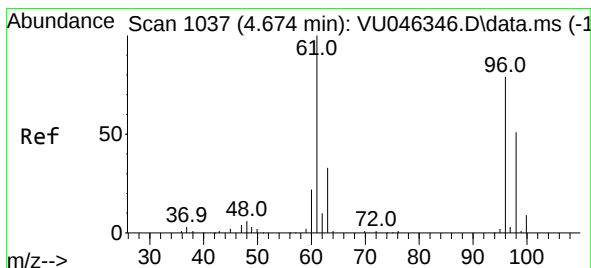
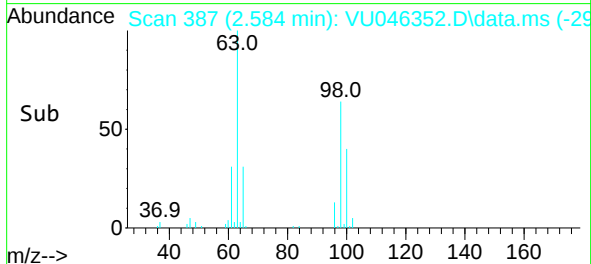
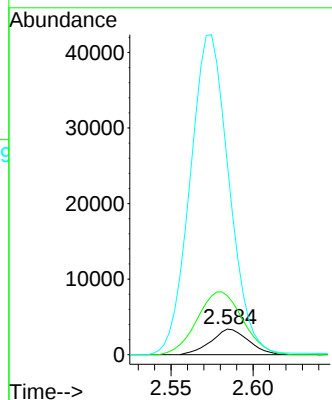
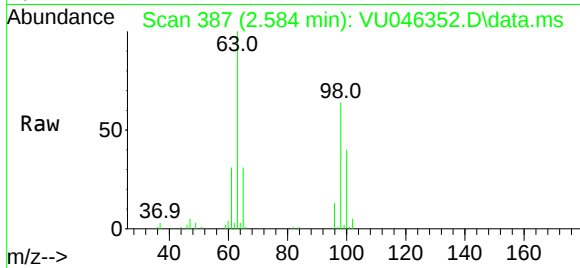
Tgt Ion: 96 Resp: 5348

Ion Ratio Lower Upper

96 100

61 230.2 118.6 220.2#

63 743.6 93.0 172.8#



#20

cis-1,2-Dichloroethene

Concen: 3.723 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

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Acq: 14 Dec 2021 13:50

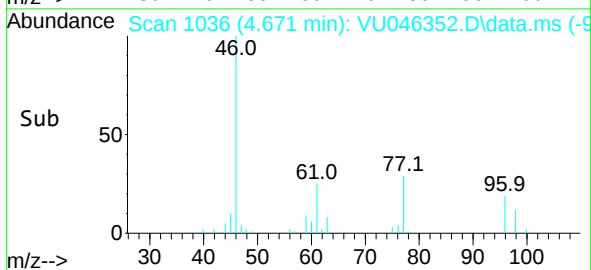
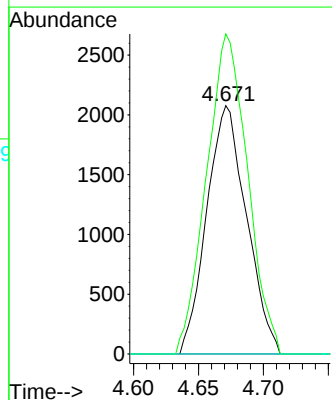
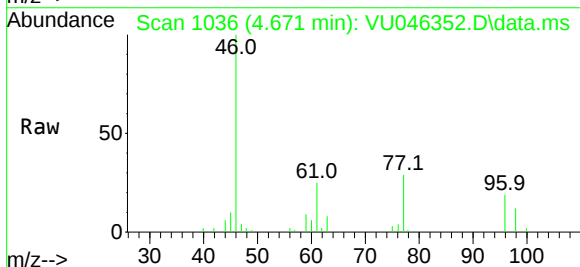
Tgt Ion: 96 Resp: 4428

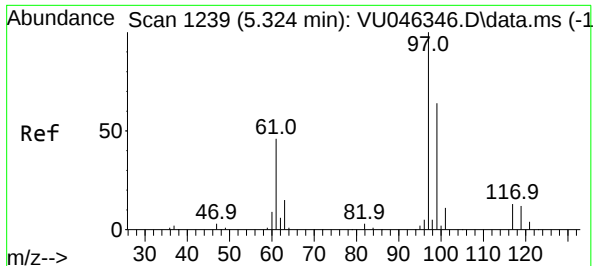
Ion Ratio Lower Upper

96 100

61 128.8 86.8 161.2

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 1.115 ug/L

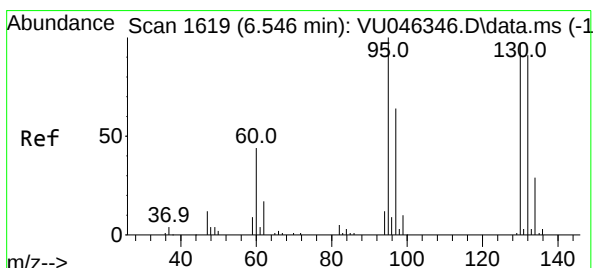
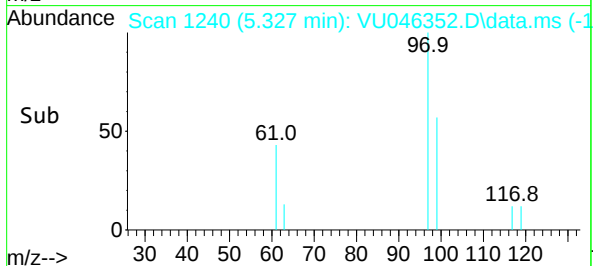
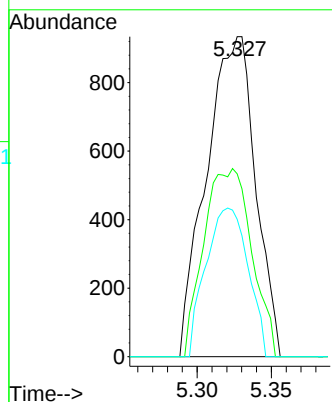
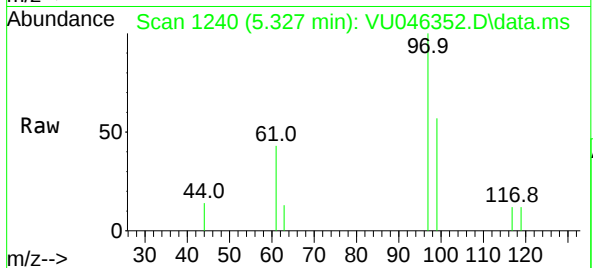
RT: 5.327 min Scan# 1240

Delta R.T. 0.003 min

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Tgt Ion: 97	Resp: 2146
Ion Ratio	Lower Upper
97 100	
99 30.8	51.8 77.6#
61 39.9	34.4 51.6



#34

Trichloroethene

Concen: 60.244 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU046352.D

Acq: 14 Dec 2021 13:50

Tgt Ion: 95	Resp: 75328
Ion Ratio	Lower Upper
95 100	
97 65.5	44.1 81.9
132 92.2	66.8 124.0
130 99.5	69.0 128.1

