

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046240.D
 Acq On : 09 Dec 2021 23:10
 Operator : SY/MD
 Sample : M5002-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CW3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/29/2021
 Supervised By :Semsettin Yesilyurt 12/29/2021

Quant Time: Dec 10 05:25:04 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	180970	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	188496	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	97980	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	68591	46.011	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.020%		
7) Chloroethane-d5	1.919	69	51310	44.829	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.660%		
11) 1,1-Dichloroethene-d2	2.575	63	91358	34.138	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.280%		
21) 2-Butanone-d5	4.642	46	112261	94.730	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.730%		
24) Chloroform-d	5.067	84	113196	45.470	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.940%		
26) 1,2-Dichloroethane-d4	5.703	65	78935	47.247	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.500%		
32) Benzene-d6	5.732	84	244540	45.263	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.520%		
36) 1,2-Dichloropropane-d6	6.693	67	75760	45.247	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.500%		
41) Toluene-d8	7.899	98	214254	43.556	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.120%		
43) trans-1,3-Dichloroprop...	8.182	79	35996	44.534	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.060%		
47) 2-Hexanone-d5	8.636	63	77080	97.093	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.090%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	118635	46.721	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.440%		
66) 1,2-Dichlorobenzene-d4	12.195	152	87264	46.247	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.500%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	4422	3.534	ug/L	# 1
20) cis-1,2-Dichloroethene	4.671	96	4478	3.117	ug/L	93
30) 1,1,1-Trichloroethane	5.317	97	2906m	1.256	ug/L	
34) Trichloroethene	6.546	95	61076	40.637	ug/L	99

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

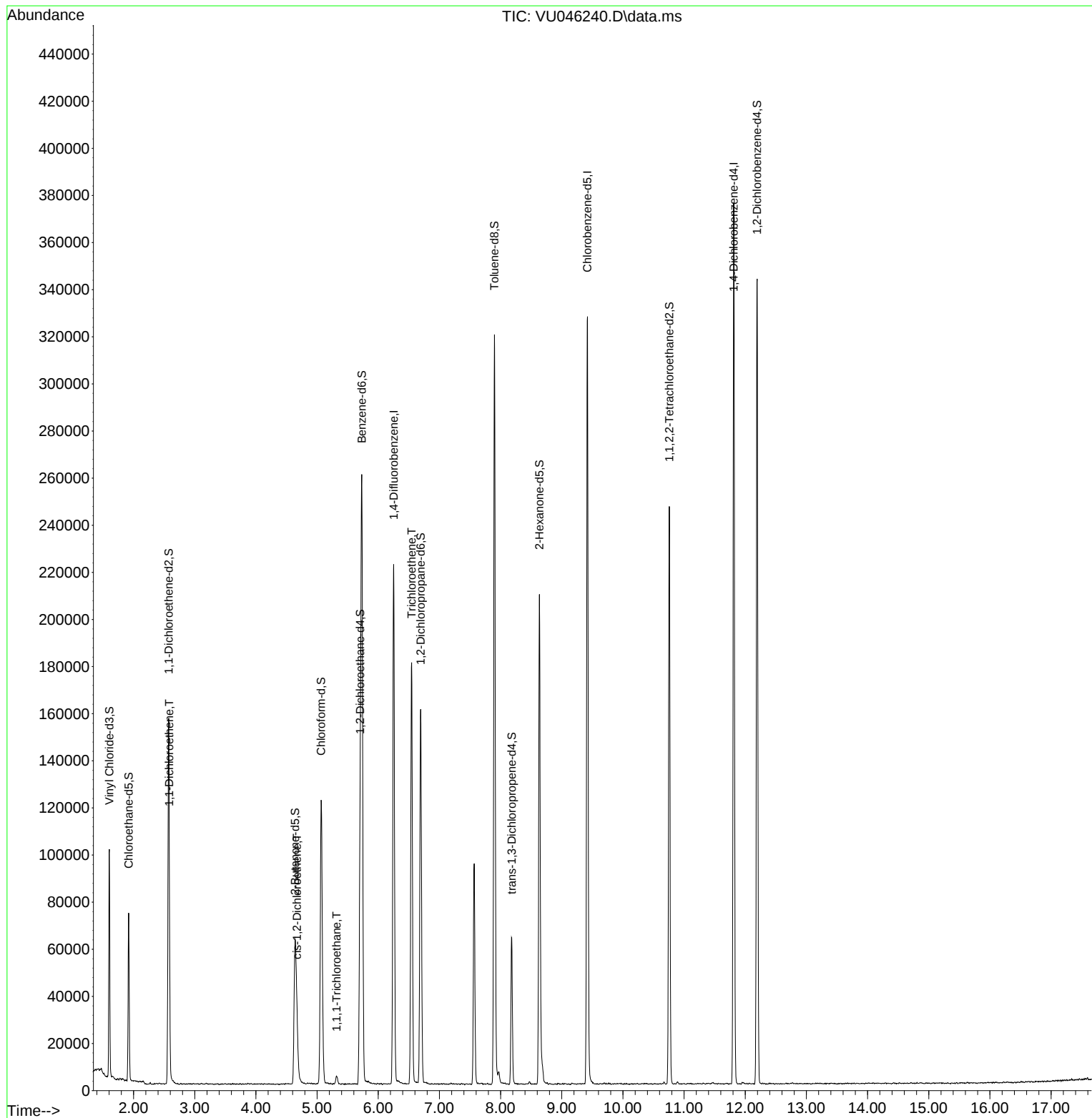
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
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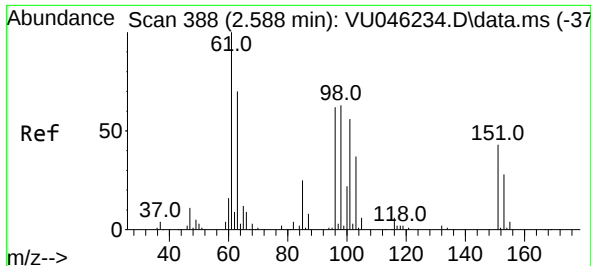
Instrument :
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Quant Time: Dec 10 05:25:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
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QLast Update : Fri Dec 03 05:08:36 2021
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#12

1,1-Dichloroethene

Concen: 3.534 ug/L

RT: 2.584 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU046240.D

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Instrument :

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ClientSampleId :

C0CW3

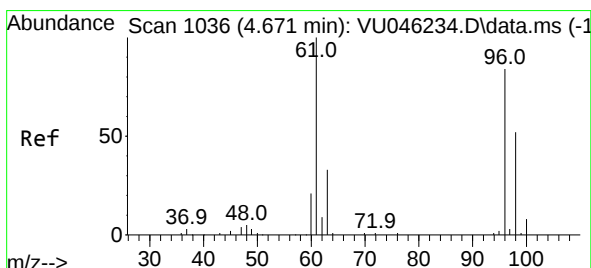
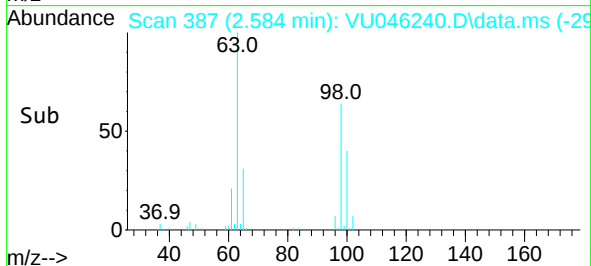
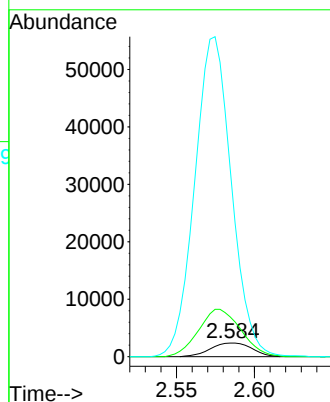
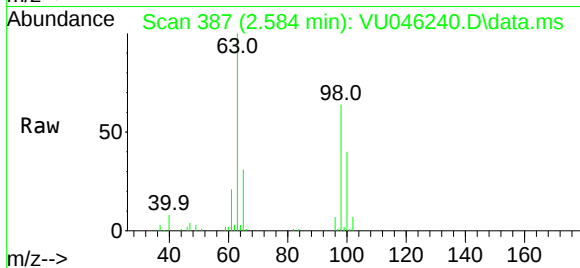
Tgt Ion: 96 Resp: 442

Ion	Ratio	Lower	Upper
96	100		
61	291.7	118.6	220.2
63	1384.1	93.0	172.8

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#20

cis-1,2-Dichloroethene

Concen: 3.117 ug/L

RT: 4.671 min Scan# 1036

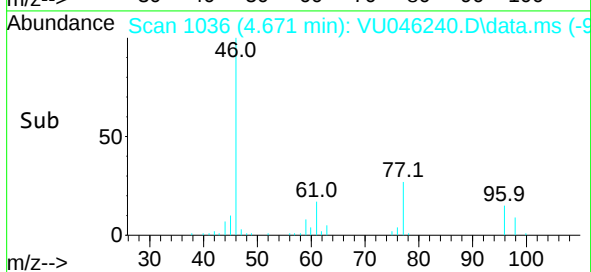
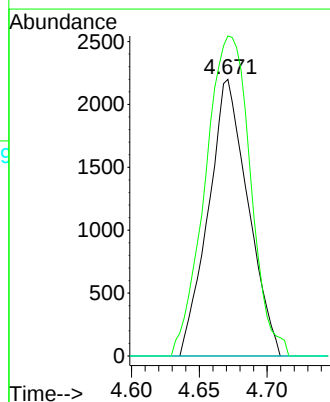
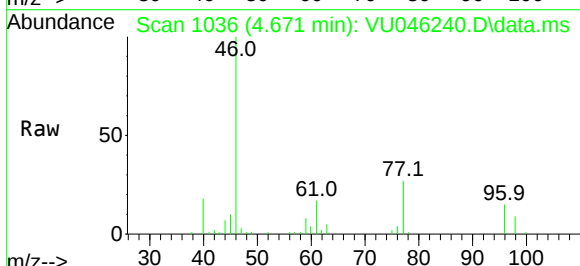
Delta R.T. -0.000 min

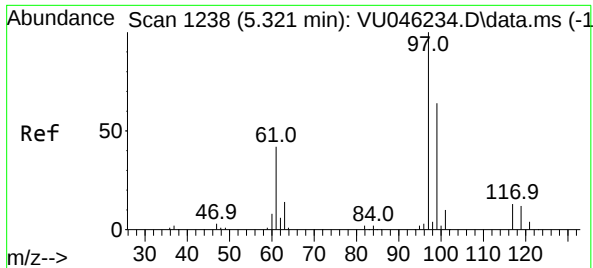
Lab File: VU046240.D

Acq: 09 Dec 2021 23:10

Tgt Ion: 96 Resp: 4478

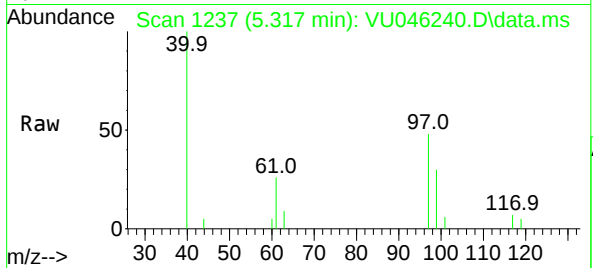
Ion	Ratio	Lower	Upper
96	100		
61	115.6	86.8	161.2
68	0.0	0.0	0.0





#30
1,1,1-Trichloroethane
Concen: 1.256 ug/L m
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
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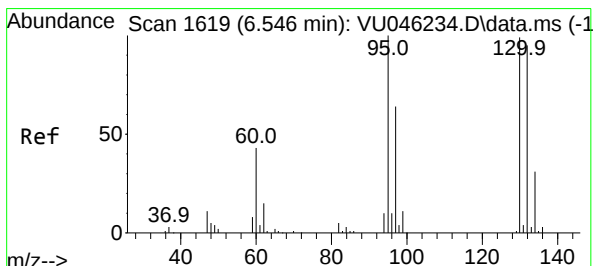
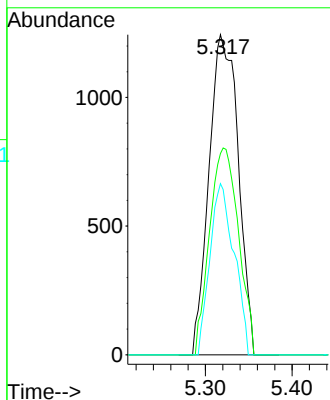
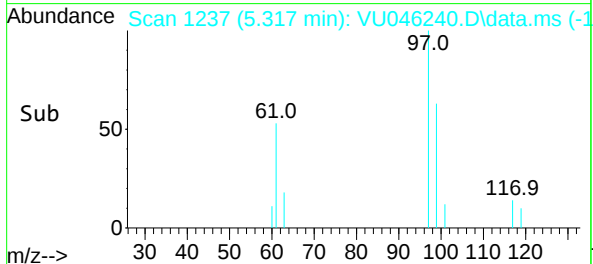


Tgt Ion: 97 Resp: 2900

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.6
61	44.3	34.4	51.6

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#34
Trichloroethene
Concen: 40.637 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046240.D
Acq: 09 Dec 2021 23:10

Tgt Ion: 95 Resp: 61076

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.1	81.9
132	97.1	66.8	124.0
130	98.6	69.0	128.1

