

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047669.D
 Acq On : 25 Mar 2022 12:57
 Operator : SY/MD
 Sample : N2081-05DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X4DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 02:08:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:04:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	129669	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	135526	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70437	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	80964	86.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 172.200%#			
7) Chloroethane-d5	1.919	69	68491	92.376	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 184.760%#			
11) 1,1-Dichloroethene-d2	2.571	63	108347	62.978	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 125.960%#			
21) 2-Butanone-d5	4.636	46	150376	186.318	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 186.320%#			
24) Chloroform-d	5.066	84	147102	85.498	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 171.000%#			
26) 1,2-Dichloroethane-d4	5.706	65	96324	91.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 182.560%#			
32) Benzene-d6	5.729	84	299732	87.892	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 175.780%#			
36) 1,2-Dichloropropane-d6	6.693	67	94113	89.862	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 179.720%#			
41) Toluene-d8	7.899	98	270930	81.543	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 163.080%#			
43) trans-1,3-Dichloroprop...	8.182	79	42891	80.837	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 161.680%#			
47) 2-Hexanone-d5	8.635	63	106305	173.391	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 173.390%#			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	146627	81.579	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 163.160%#			
66) 1,2-Dichlorobenzene-d4	12.195	152	114259	91.178	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 182.360%#			
Target Compounds						
12) 1,1-Dichloroethene	2.584	96	2331	2.621	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	16801	10.154	ug/L	96
20) cis-1,2-Dichloroethene	4.665	96	2868m	2.727	ug/L	
30) 1,1,1-Trichloroethane	5.317	97	63510	41.328	ug/L	99
46) Tetrachloroethene	8.555	164	2435	2.635	ug/L	92

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

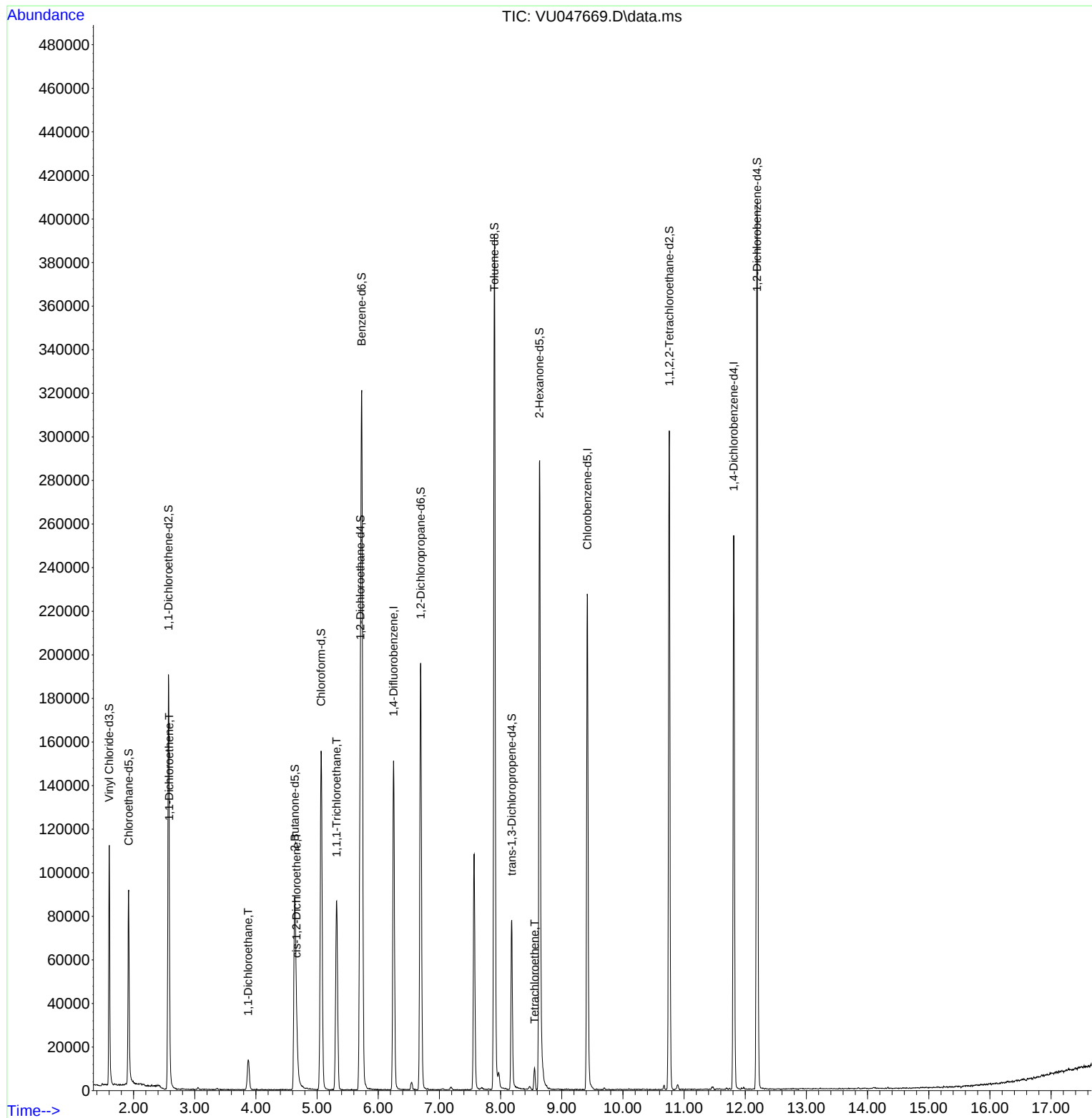
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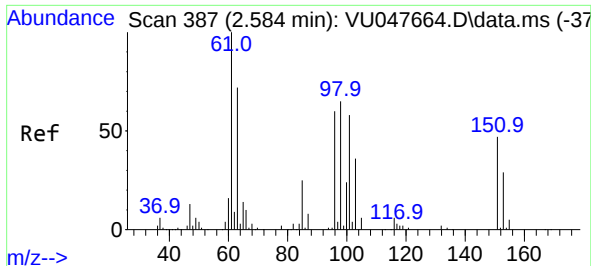
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
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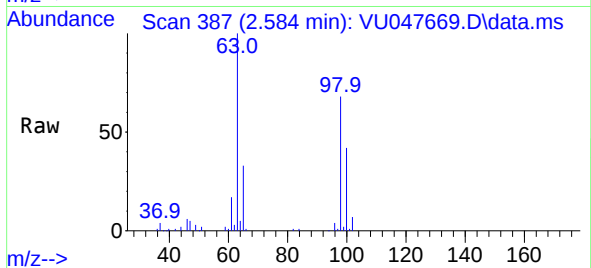
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022





#12
1,1-Dichloroethene
Concen: 2.621 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047669.D
Acq: 25 Mar 2022 12:57

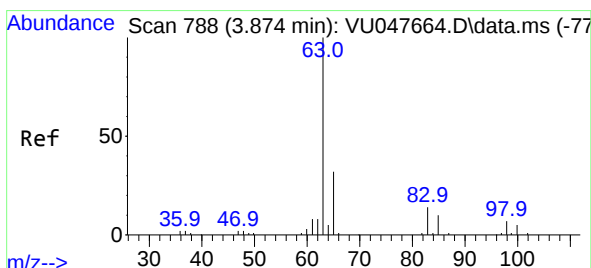
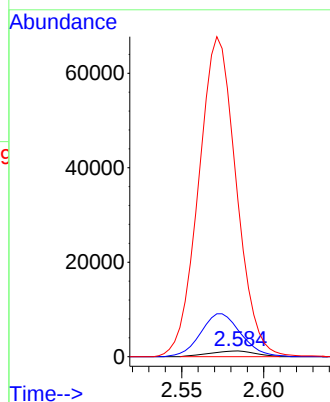
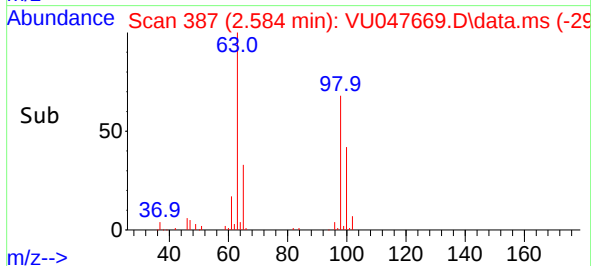
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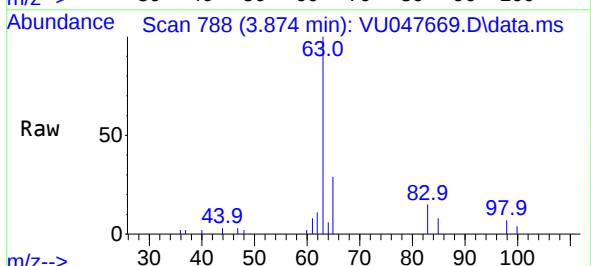
Tgt Ion: 96 Resp: 233
Ion Ratio Lower Upper
96 100
61 468.2 113.1 210.1
63 2726.3 94.8 176.0

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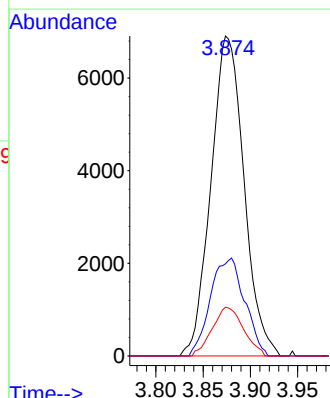
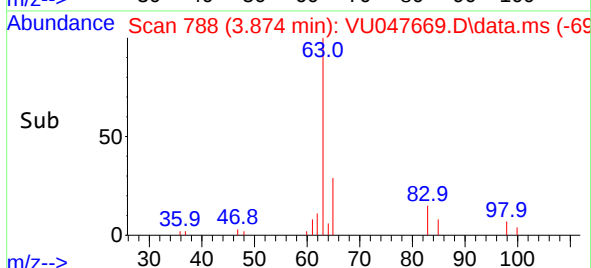
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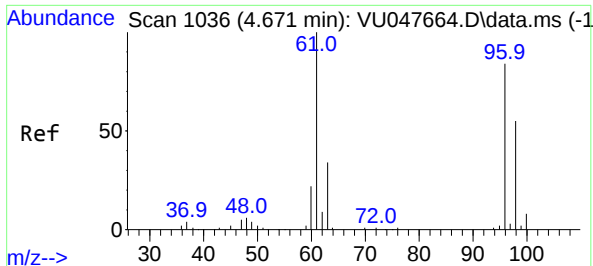


#19
1,1-Dichloroethane
Concen: 10.154 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047669.D
Acq: 25 Mar 2022 12:57



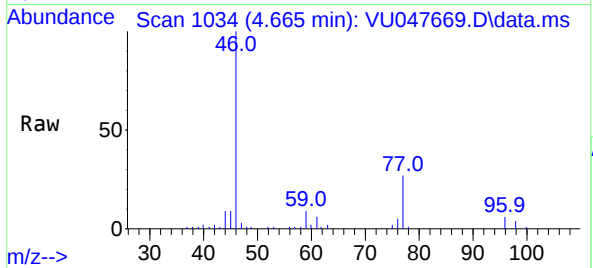
Tgt Ion: 63 Resp: 16801
Ion Ratio Lower Upper
63 100
65 28.8 22.0 41.0
83 15.3 9.7 18.1





#20
cis-1,2-Dichloroethene
Concen: 2.727 ug/L m
RT: 4.665 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VU047669.D
Acq: 25 Mar 2022 12:57

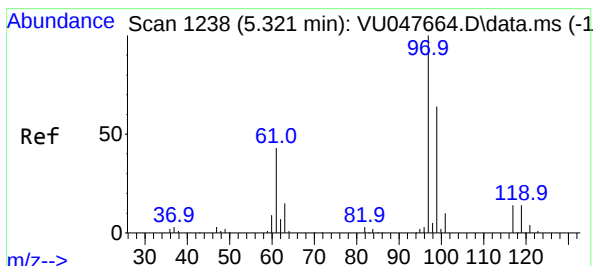
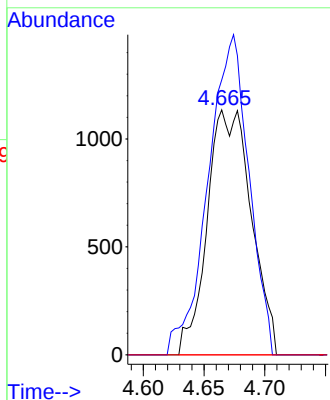
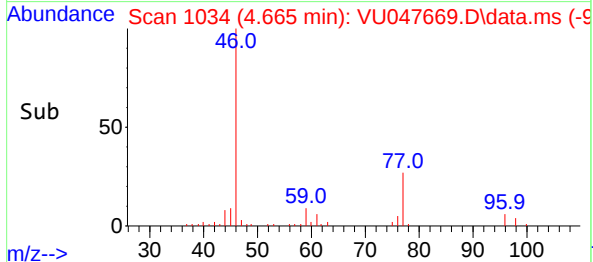
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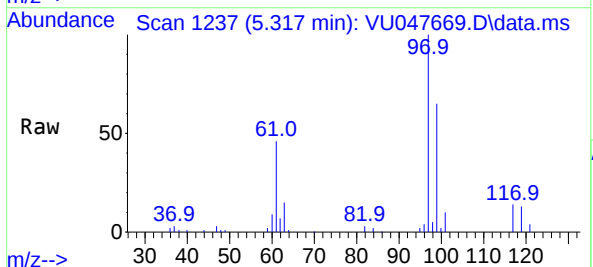
Tgt Ion: 96 Resp: 2868
Ion Ratio Lower Upper
96 100
61 112.2 80.7 149.9
68 0.0 0.0 0.0

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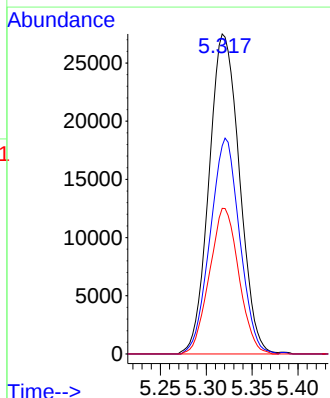
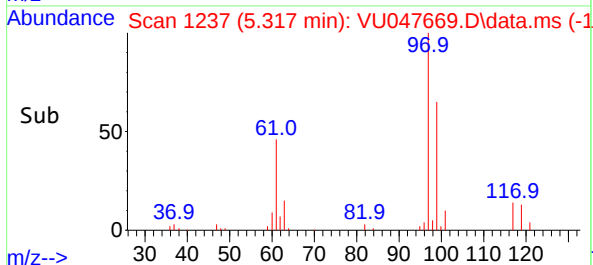
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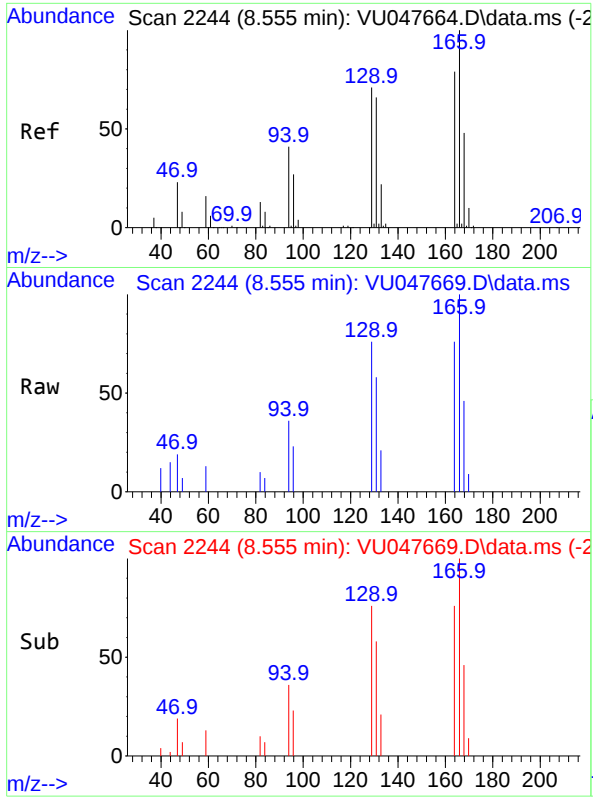


#30
1,1,1-Trichloroethane
Concen: 41.328 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU047669.D
Acq: 25 Mar 2022 12:57



Tgt Ion: 97 Resp: 63510
Ion Ratio Lower Upper
97 100
99 65.3 51.6 77.4
61 43.9 34.2 51.4





#46
Tetrachloroethene
Concen: 2.635 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047669.D
Acq: 25 Mar 2022 12:57

Tgt Ion:164 Resp: 243
Ion Ratio Lower Upper
164 100
129 99.9 62.4 116.0
131 76.3 60.7 112.7
166 131.6 89.0 165.4

Instrument :

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