

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047674.D
 Acq On : 25 Mar 2022 15:30
 Operator : SY/MD
 Sample : N2081-11DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X8DL

Quant Time: Mar 26 02:09:43 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)

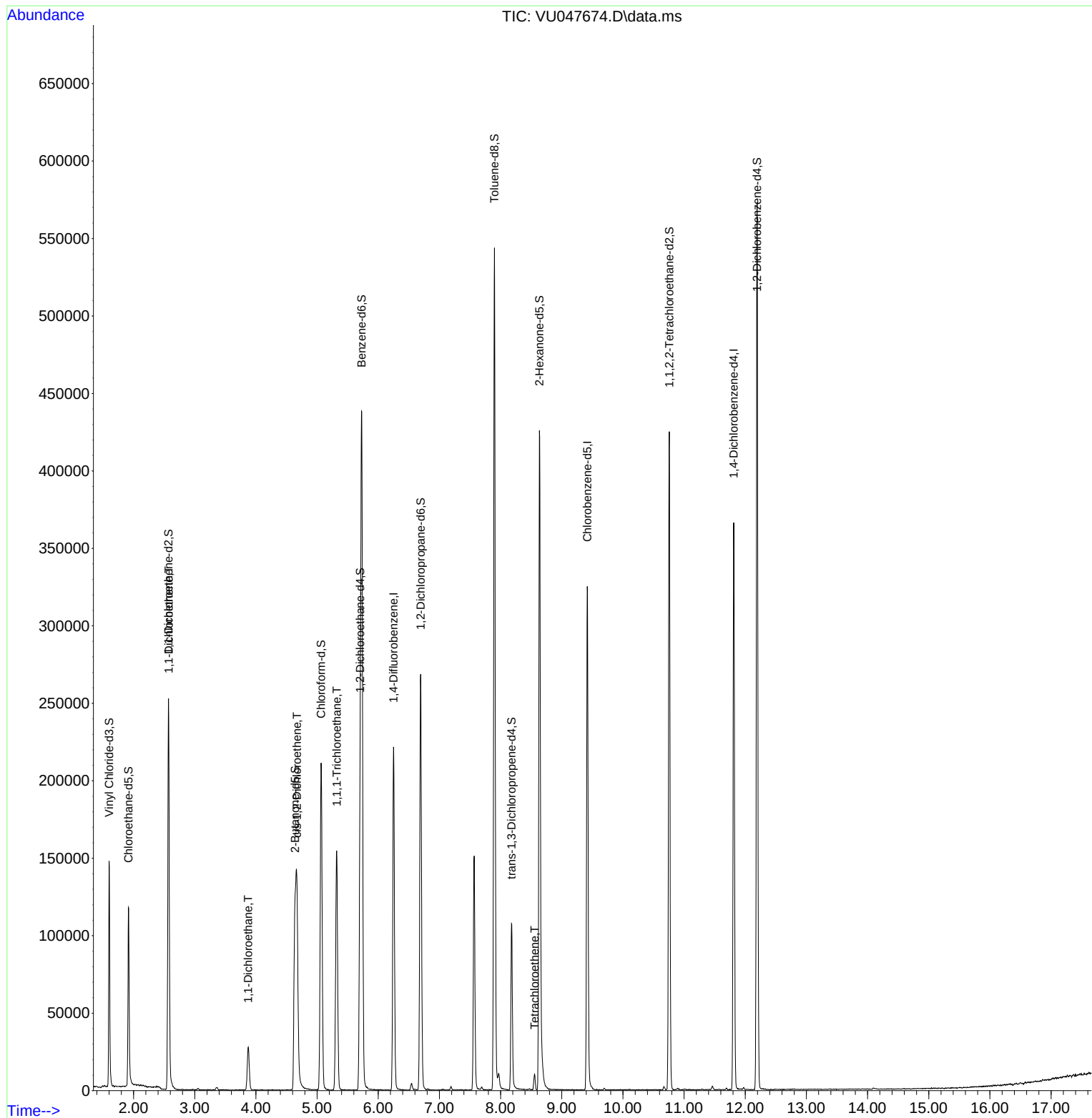
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	187621	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	194018	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	104784	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	106163	78.029	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	156.060%#	
7) Chloroethane-d5	1.916	69	89450	83.380	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	166.760%#	
11) 1,1-Dichloroethene-d2	2.572	63	145178	58.322	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	116.640%	
21) 2-Butanone-d5	4.639	46	212222	181.728	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	181.730%#	
24) Chloroform-d	5.067	84	198963	79.922	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	159.840%#	
26) 1,2-Dichloroethane-d4	5.703	65	131055	85.834	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	171.660%#	
32) Benzene-d6	5.729	84	405773	83.115	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	166.240%#	
36) 1,2-Dichloropropane-d6	6.694	67	128723	85.854	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	171.700%#	
41) Toluene-d8	7.899	98	368420	77.455	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	154.920%#	
43) trans-1,3-Dichloroprop...	8.179	79	59524	78.364	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	156.720%#	
47) 2-Hexanone-d5	8.636	63	153690	175.105	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	175.110%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	204280	79.391	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	158.780%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	157437	84.452	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	168.900%#	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	2993	2.326	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	31778	13.274	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	51236	33.667	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	111396	50.635	ug/L	99
46) Tetrachloroethene	8.555	164	2367	1.789	ug/L	95

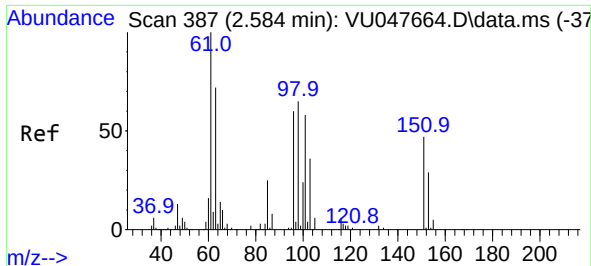
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.326 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.009 min

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Instrument :

MSVOA_U

ClientSampleId :

EW5X8DL

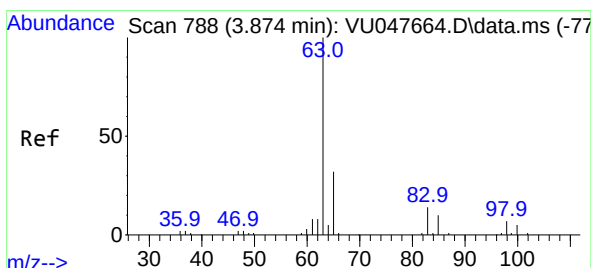
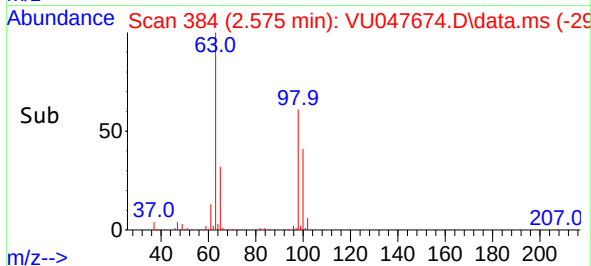
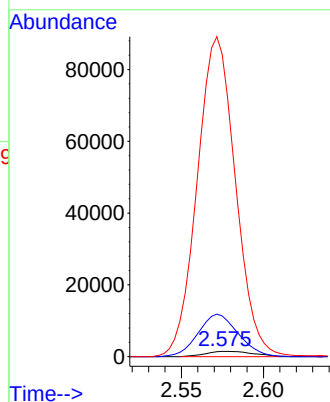
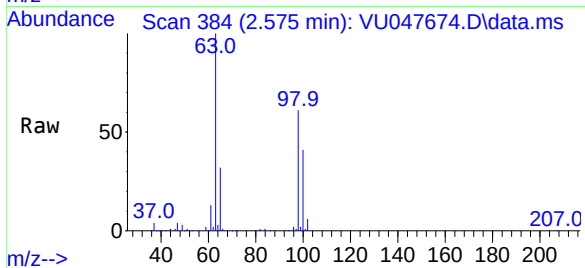
Tgt Ion: 96 Resp: 2993

Ion Ratio Lower Upper

96 100

61 760.1 113.1 210.1#

63 5642.8 94.8 176.0#



#19

1,1-Dichloroethane

Concen: 13.274 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU047674.D

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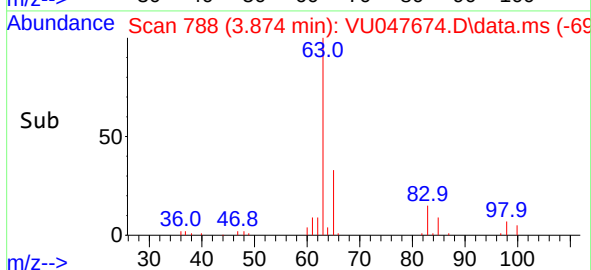
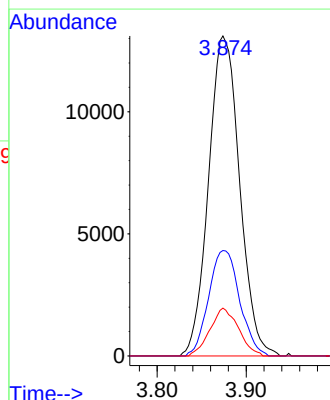
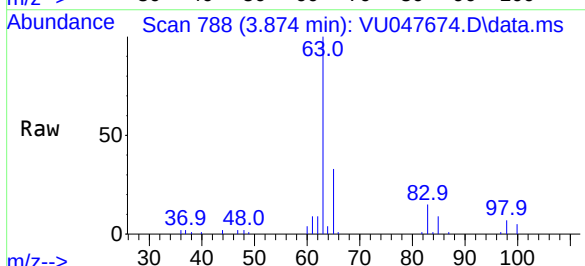
Tgt Ion: 63 Resp: 31778

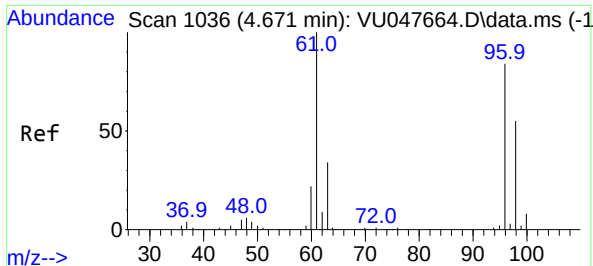
Ion Ratio Lower Upper

63 100

65 32.9 22.0 41.0

83 15.0 9.7 18.1

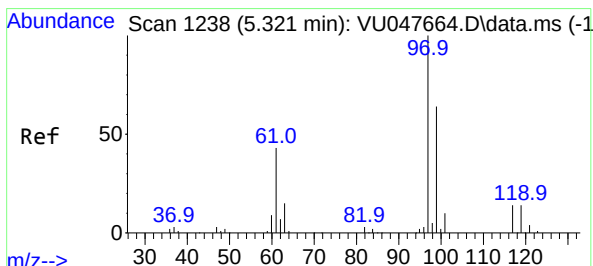
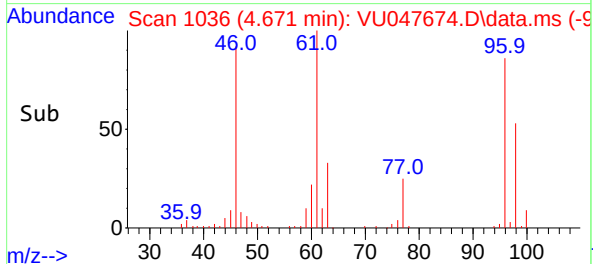
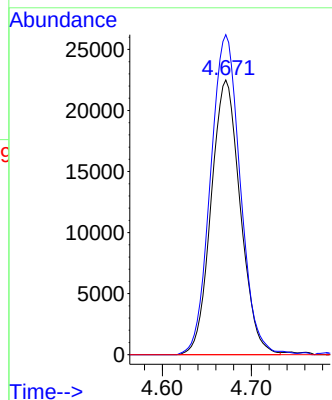
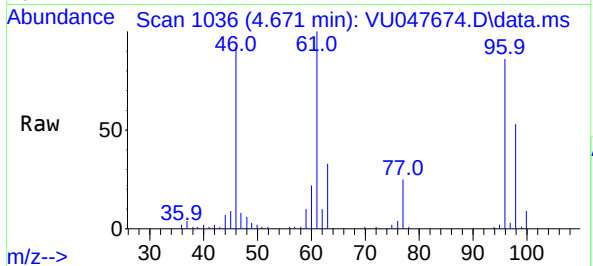




#20
cis-1,2-Dichloroethene
Concen: 33.667 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047674.D
Acq: 25 Mar 2022 15:30

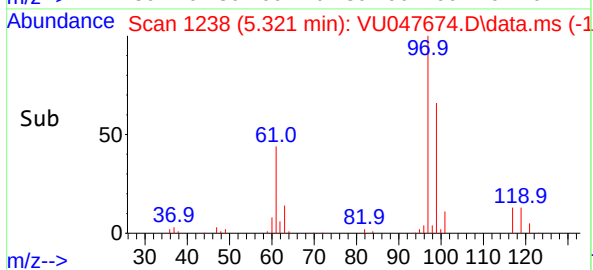
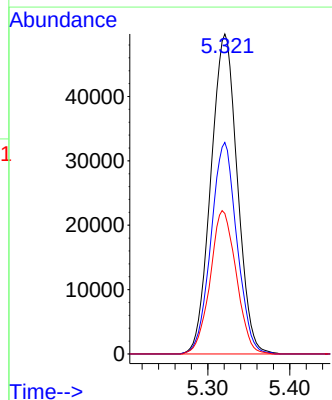
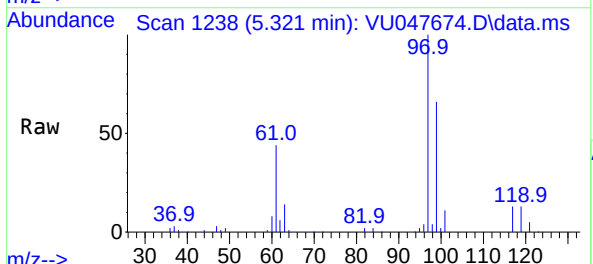
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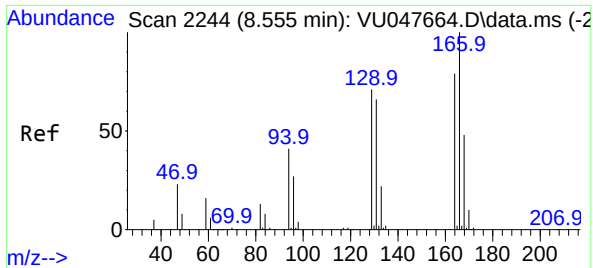
Tgt Ion: 96 Resp: 51236
Ion Ratio Lower Upper
96 100
61 116.5 80.7 149.9
68 0.0 0.0 0.0



#30
1,1,1-Trichloroethane
Concen: 50.635 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047674.D
Acq: 25 Mar 2022 15:30

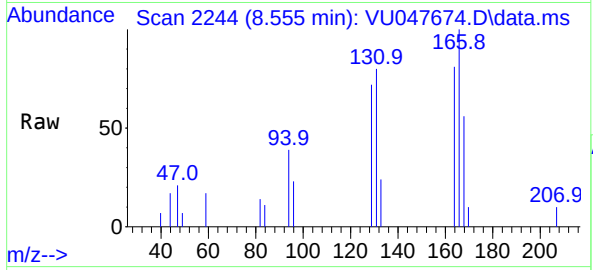
Tgt Ion: 97 Resp: 111396
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 44.1 34.2 51.4





#46
 Tetrachloroethene
 Concen: 1.789 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU047674.D
 Acq: 25 Mar 2022 15:30

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X8DL



Tgt Ion:164 Resp: 2367

Ion	Ratio	Lower	Upper
164	100		
129	88.9	62.4	116.0
131	98.2	60.7	112.7
166	122.9	89.0	165.4

