

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047090.D
 Acq On : 10 Feb 2022 21:45
 Operator : SY/MD
 Sample : N1462-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M39

Quant Time: Feb 11 01:17:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 11 01:13:45 2022
 Response via : Initial Calibration

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

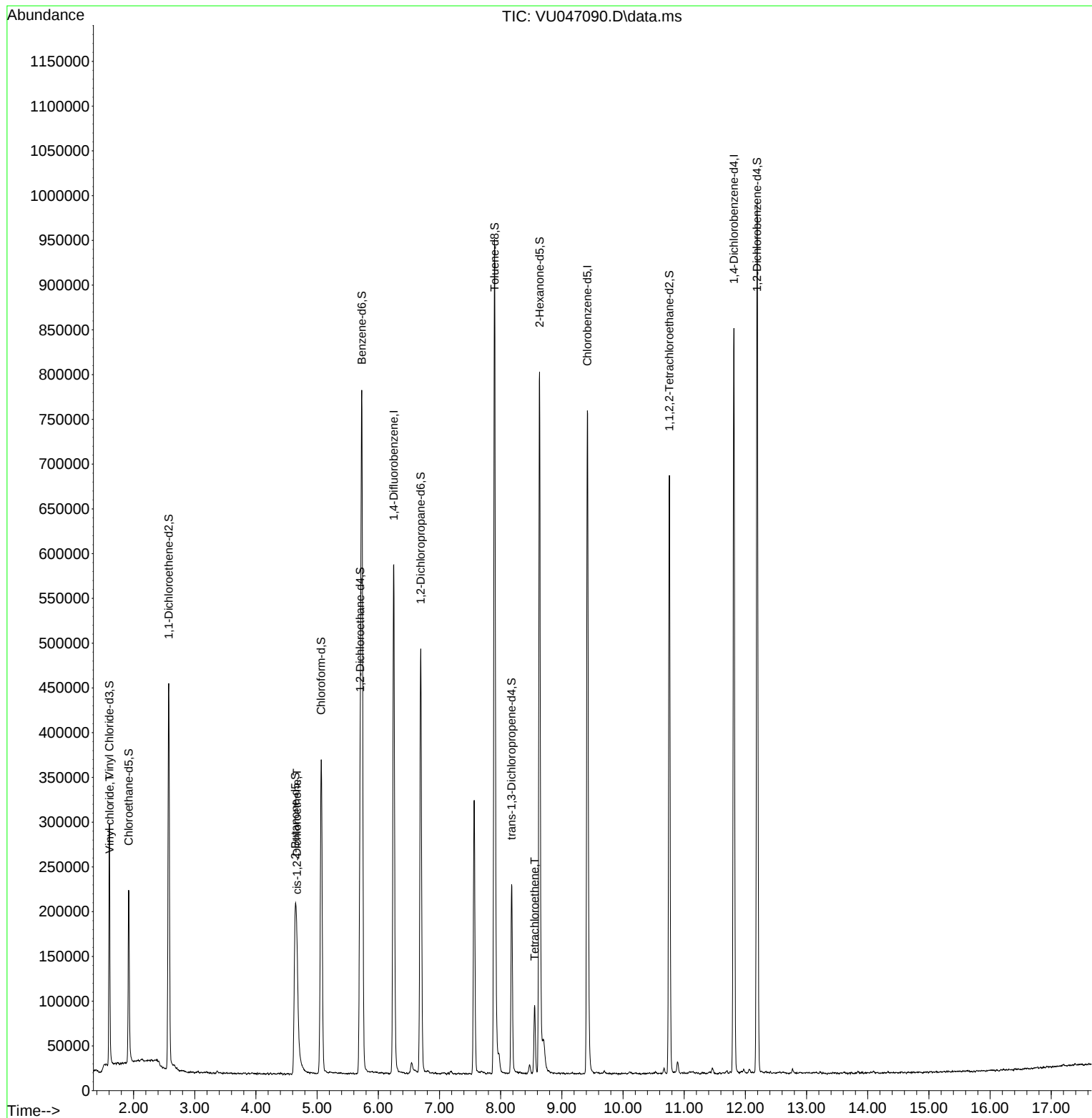
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	485419	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	450278	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	229888	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	197883	44.886	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.780%		
7) Chloroethane-d5	1.919	69	150888	46.170	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.340%		
11) 1,1-Dichloroethene-d2	2.575	63	263185	36.024	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.040%		
21) 2-Butanone-d5	4.645	46	405438	118.580	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	118.580%		
24) Chloroform-d	5.067	84	325601	45.494	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.980%		
26) 1,2-Dichloroethane-d4	5.703	65	220887	48.085	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.160%		
32) Benzene-d6	5.732	84	708965	47.360	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.720%		
36) 1,2-Dichloropropane-d6	6.694	67	233161	48.029	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.060%		
41) Toluene-d8	7.899	98	674714	47.338	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.680%		
43) trans-1,3-Dichloroprop...	8.179	79	119833	47.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.200%		
47) 2-Hexanone-d5	8.636	63	298510	107.332	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.330%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	337561	47.687	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.380%		
66) 1,2-Dichlorobenzene-d4	12.192	152	259355	47.569	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.140%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.610	62	2642	0.586	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	23982	6.538	ug/L #	99
46) Tetrachloroethene	8.555	164	18379	6.263	ug/L	96

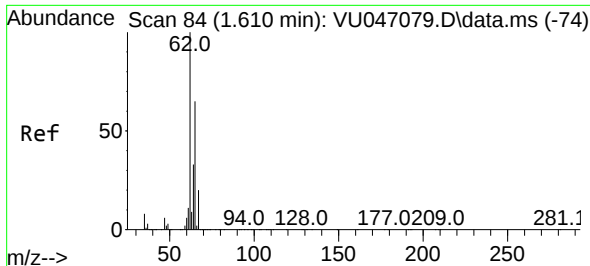
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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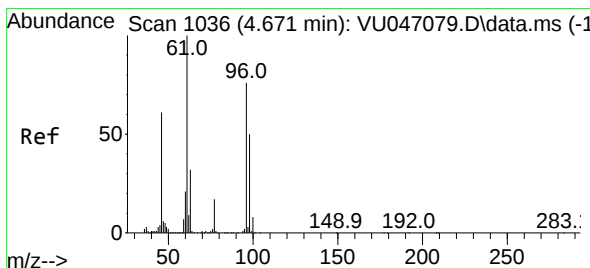
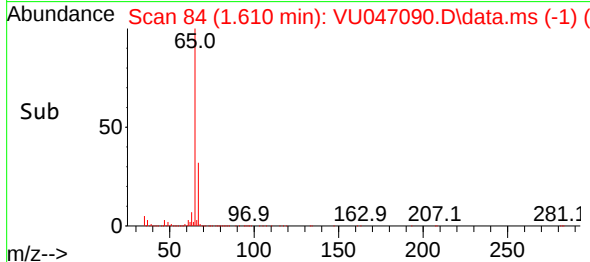
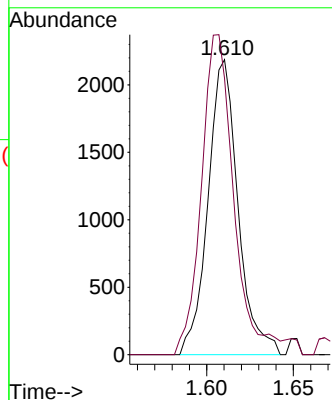
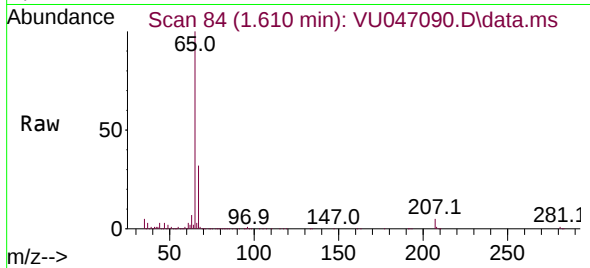




#5
 Vinyl chloride
 Concen: 0.586 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VU047090.D
 Acq: 10 Feb 2022 21:45

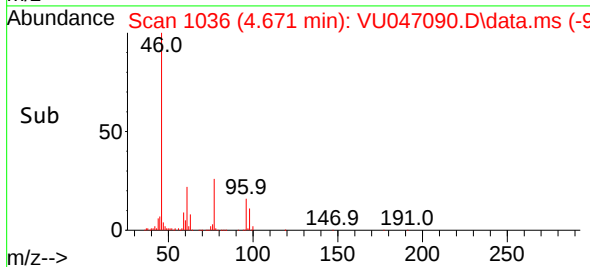
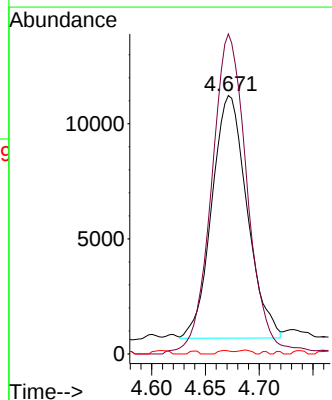
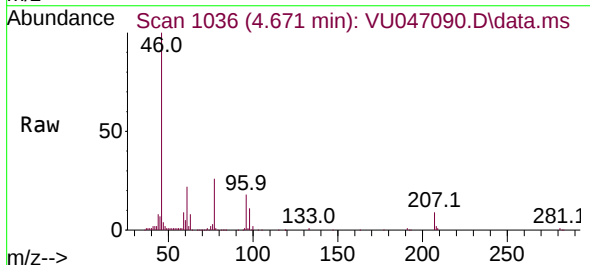
Instrument :
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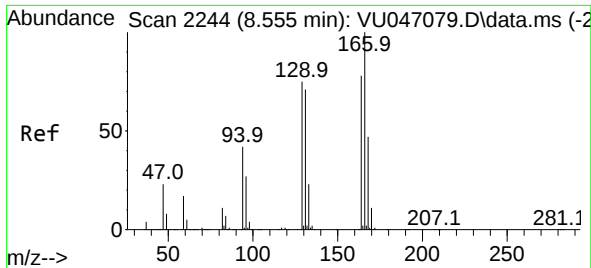
Tgt Ion: 62 Resp: 2642
 Ion Ratio Lower Upper
 62 100
 64 93.7 23.1 42.9#



#20
 cis-1,2-Dichloroethene
 Concen: 6.538 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047090.D
 Acq: 10 Feb 2022 21:45

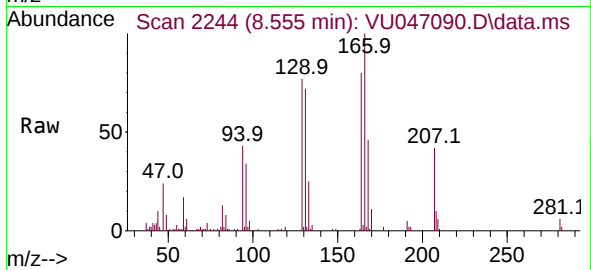
Tgt Ion: 96 Resp: 23982
 Ion Ratio Lower Upper
 96 100
 61 123.8 86.0 159.6
 68 1.1 0.0 0.0#





#46
 Tetrachloroethene
 Concen: 6.263 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.000 min
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Tgt Ion:	164	Resp:	18379
Ion	Ratio	Lower	Upper
164	100		
129	96.4	69.5	129.1
131	90.5	67.0	124.4
166	125.7	90.6	168.2

