

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
 Data File : VU048988.D
 Acq On : 09 Jun 2022 20:03
 Operator : SY/MD
 Sample : N3248-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY4

Quant Time: Jun 10 01:06:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 01:01:44 2022
 Response via : Initial Calibration

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

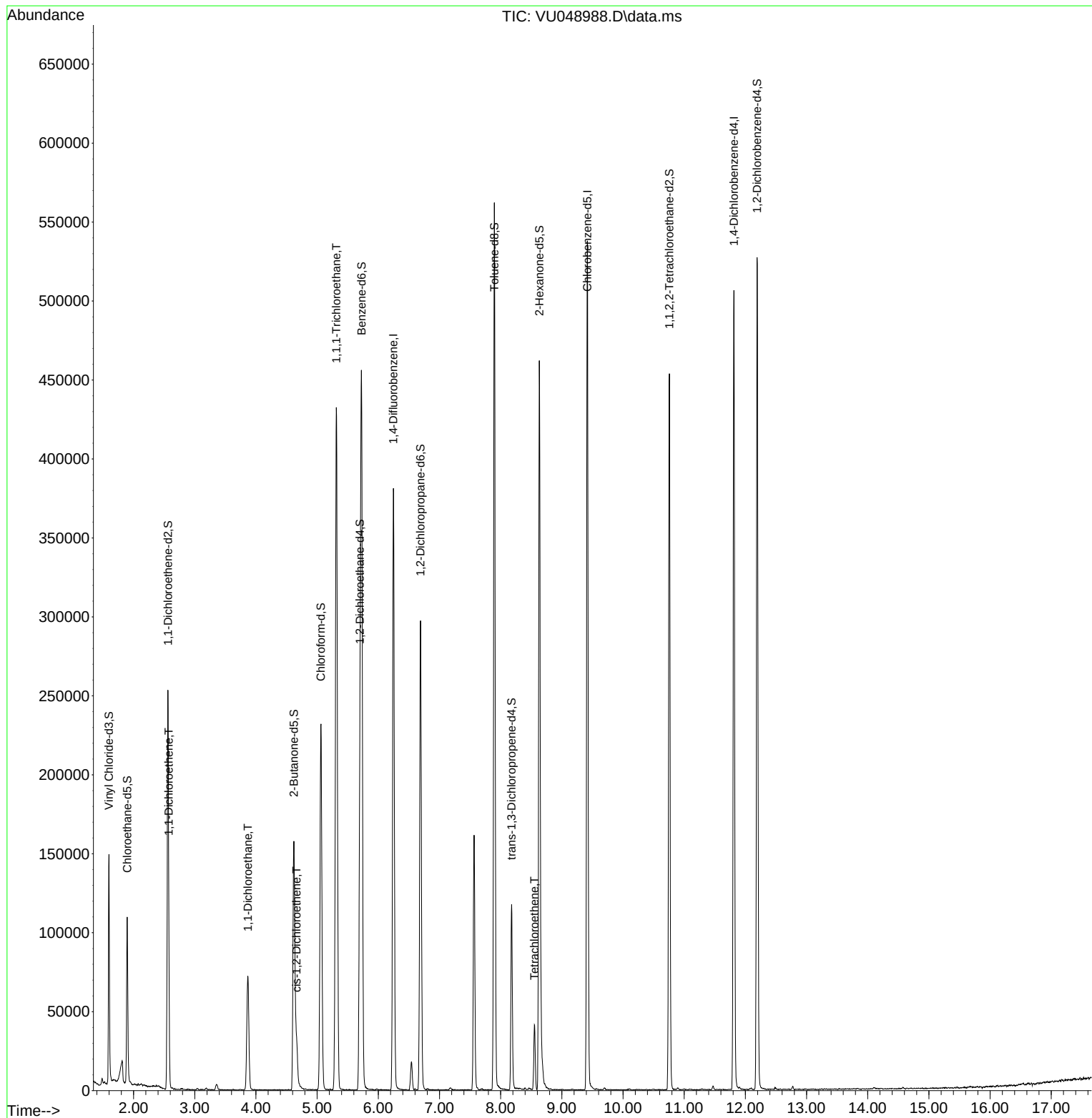
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	314606	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	301699	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	139782	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	104556	54.260	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 108.520%	
7) Chloroethane-d5	1.896	69	78750	54.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 109.100%	
11) 1,1-Dichloroethene-d2	2.562	63	147611	33.872	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 67.740%	
21) 2-Butanone-d5	4.620	46	227292	123.951	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 123.950%	
24) Chloroform-d	5.060	84	217050	44.575	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 89.140%	
26) 1,2-Dichloroethane-d4	5.700	65	145921	42.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 84.960%	
32) Benzene-d6	5.726	84	421814	50.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.480%	
36) 1,2-Dichloropropane-d6	6.690	67	144245	58.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 117.040%	
41) Toluene-d8	7.896	98	371070	46.984	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 93.960%	
43) trans-1,3-Dichloroprop...	8.179	79	66632	42.273	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 84.540%	
47) 2-Hexanone-d5	8.632	63	155331	114.905	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 114.910%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	226420	55.511	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 111.020%	
66) 1,2-Dichlorobenzene-d4	12.192	152	143312	50.152	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.300%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	9884	4.829	ug/L	# 1
19) 1,1-Dichloroethane	3.867	63	85578	21.173	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	11845	4.758	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	321867	70.459	ug/L	98
46) Tetrachloroethene	8.552	164	9381	4.610	ug/L	92

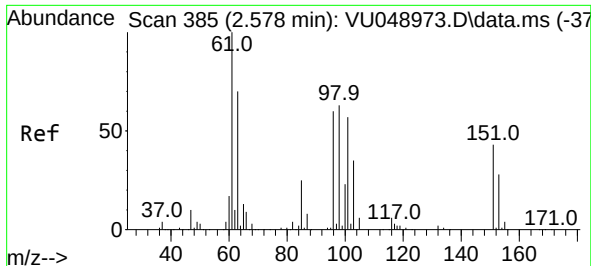
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.829 ug/L

RT: 2.575 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048988.D

Acq: 09 Jun 2022 20:03

Instrument :

MSVOA_U

ClientSampleId :

EXYY4

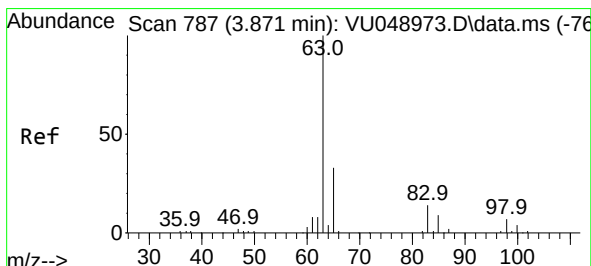
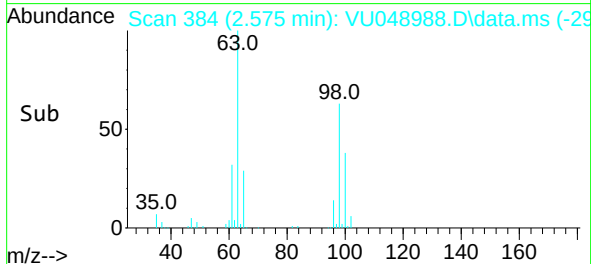
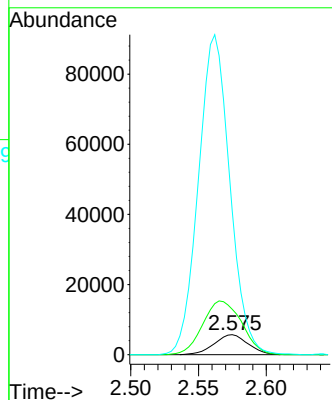
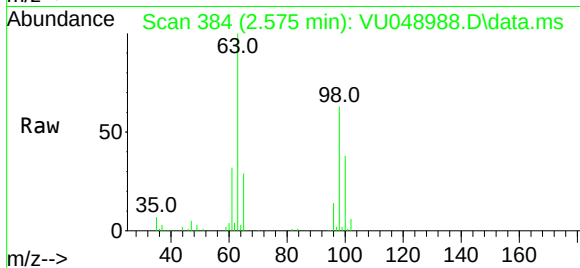
Tgt Ion: 96 Resp: 9884

Ion Ratio Lower Upper

96 100

61 226.6 120.6 224.0#

63 718.5 82.3 152.9#



#19

1,1-Dichloroethane

Concen: 21.173 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU048988.D

Acq: 09 Jun 2022 20:03

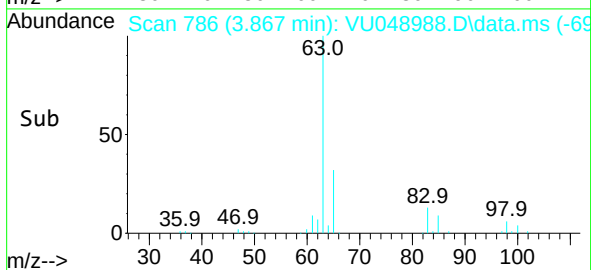
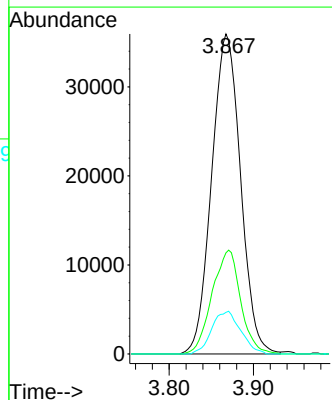
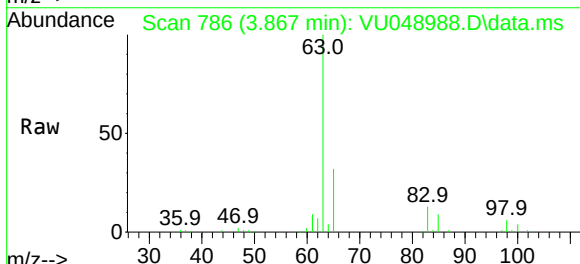
Tgt Ion: 63 Resp: 85578

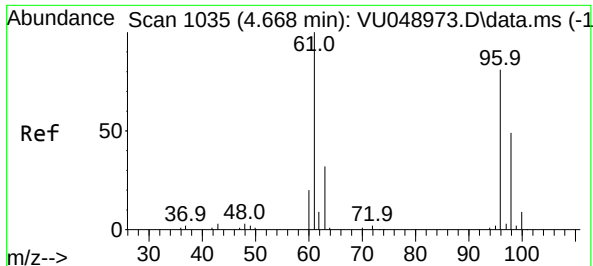
Ion Ratio Lower Upper

63 100

65 31.6 21.8 40.6

83 13.0 9.8 18.2

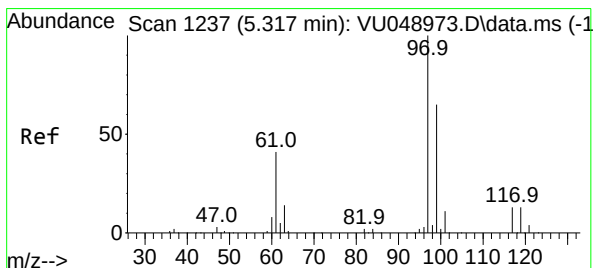
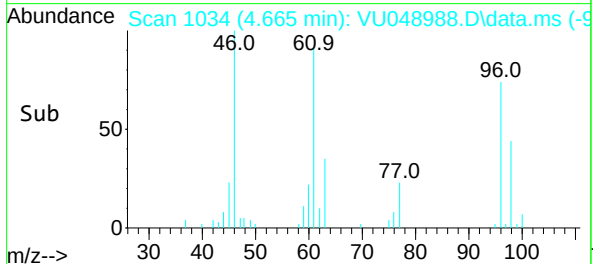
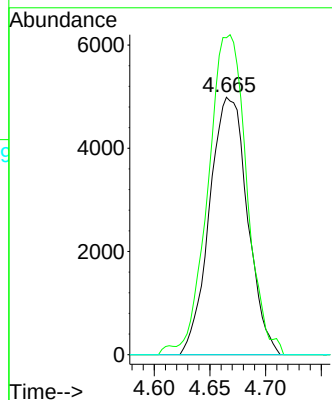
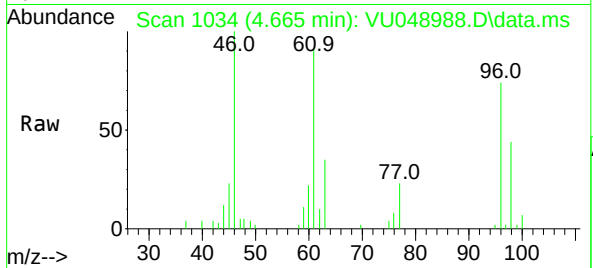




#20
 cis-1,2-Dichloroethene
 Concen: 4.758 ug/L
 RT: 4.665 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU048988.D
 Acq: 09 Jun 2022 20:03

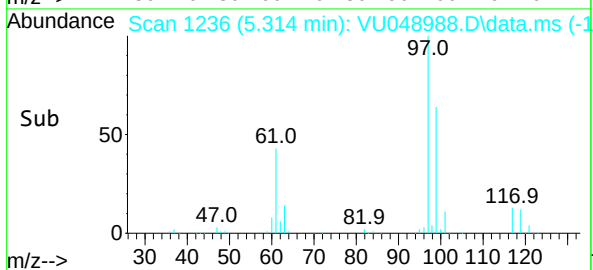
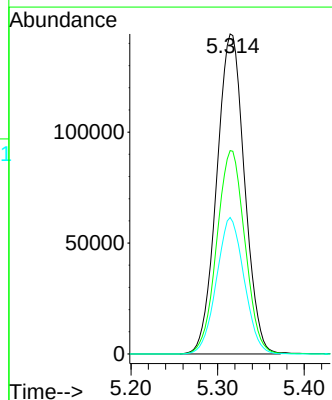
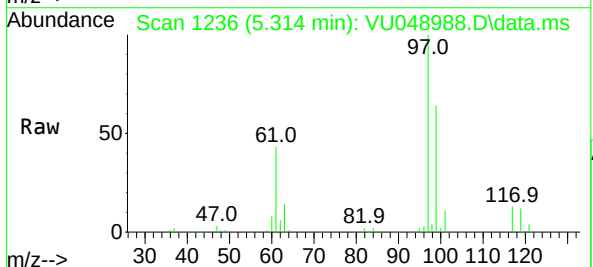
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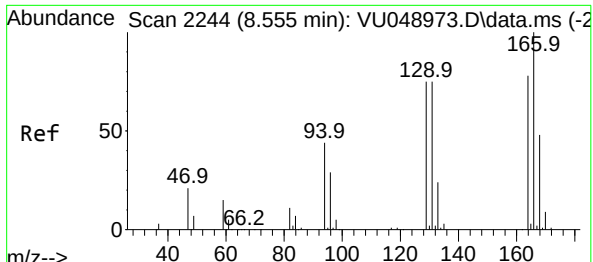
Tgt Ion: 96 Resp: 11845
 Ion Ratio Lower Upper
 96 100
 61 123.1 88.3 164.1
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 70.459 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. -0.003 min
 Lab File: VU048988.D
 Acq: 09 Jun 2022 20:03

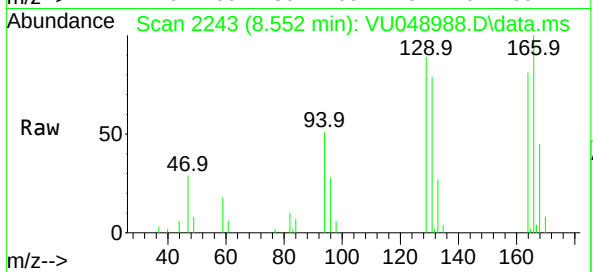
Tgt Ion: 97 Resp: 321867
 Ion Ratio Lower Upper
 97 100
 99 64.3 50.3 75.5
 61 42.3 32.6 48.8





#46
 Tetrachloroethene
 Concen: 4.610 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU048988.D
 Acq: 09 Jun 2022 20:03

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYY4



Tgt Ion:164 Resp: 9381

Ion	Ratio	Lower	Upper
164	100		
129	109.8	64.3	119.3
131	98.0	64.5	119.7
166	123.9	87.5	162.5

