

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
 Data File : VU050878.D
 Acq On : 21 Sep 2022 15:18
 Operator : JC/MD
 Sample : N4650-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ06

Quant Time: Sep 22 02:13:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 02:11:06 2022
 Response via : Initial Calibration

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

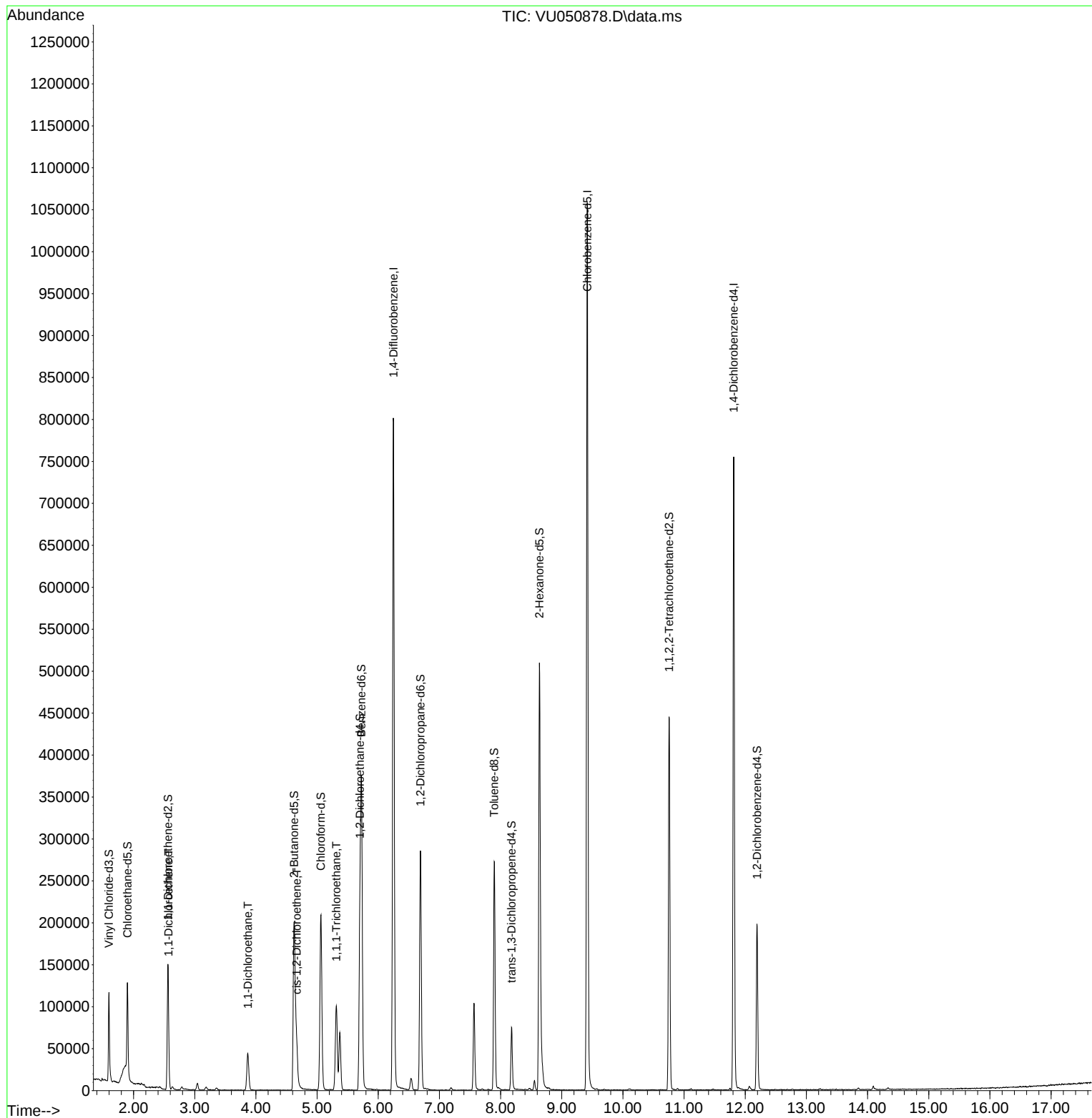
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	635801	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	582047	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	195932	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	84427	12.817	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	25.640%#	
7) Chloroethane-d5	1.899	69	86358	18.408	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	36.820%#	
11) 1,1-Dichloroethene-d2	2.562	63	88811	8.664	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	17.320%#	
21) 2-Butanone-d5	4.623	46	301159	70.815	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	70.810%	
24) Chloroform-d	5.063	84	197075	19.090	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	38.180%#	
26) 1,2-Dichloroethane-d4	5.700	65	148511	23.344	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	46.680%#	
32) Benzene-d6	5.726	84	333881	17.415	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	34.840%#	
36) 1,2-Dichloropropane-d6	6.690	67	141230	21.824	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	43.640%#	
41) Toluene-d8	7.896	98	183557	10.953	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	21.900%#	
43) trans-1,3-Dichloroprop...	8.179	79	40858	14.514	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	29.020%#	
47) 2-Hexanone-d5	8.635	63	155976	58.488	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	58.490%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	232234	23.539	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	47.080%#	
66) 1,2-Dichlorobenzene-d4	12.192	152	51666	12.594	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	25.180%#	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.571	96	2880	0.589	ug/L	# 1
19) 1,1-Dichloroethane	3.867	63	50585	4.997	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	18073	3.254	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	73293	9.465	ug/L	99

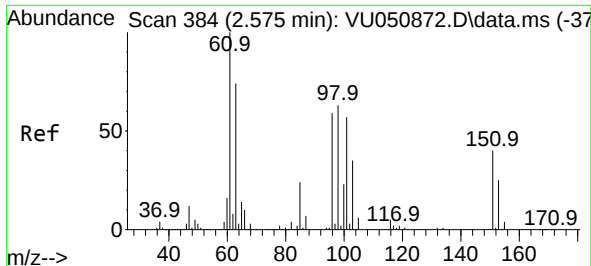
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.589 ug/L

RT: 2.571 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU050878.D

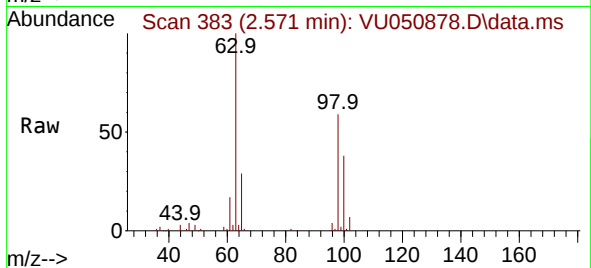
Acq: 21 Sep 2022 15:18

Instrument :

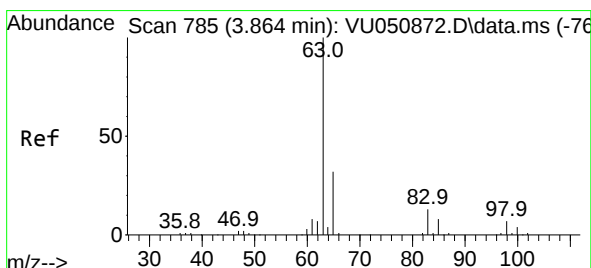
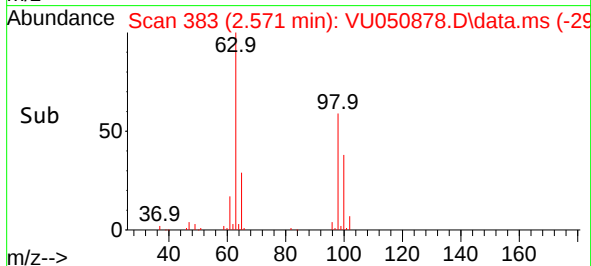
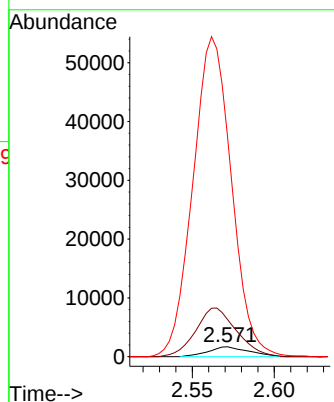
MSVOA_U

ClientSampleId :

EXZ06



Tgt Ion:	96	Resp:	2880
Ion	Ratio	Lower	Upper
96	100		
61	379.2	118.6	220.2#
63	2249.1	90.4	168.0#



#19

1,1-Dichloroethane

Concen: 4.997 ug/L

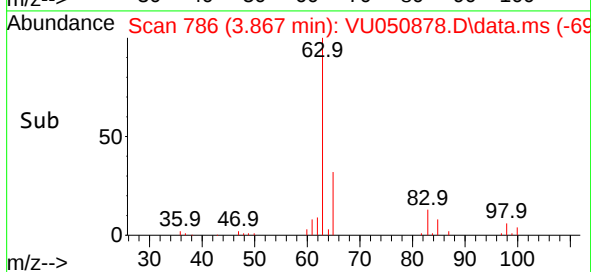
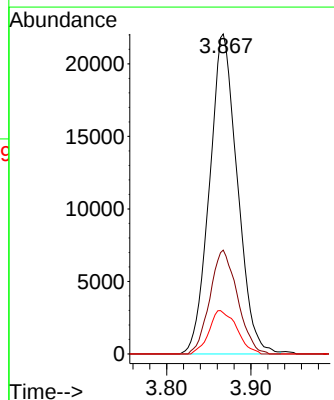
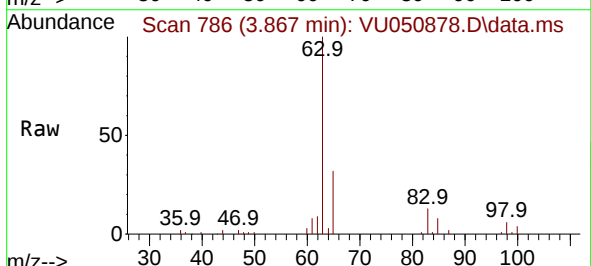
RT: 3.867 min Scan# 786

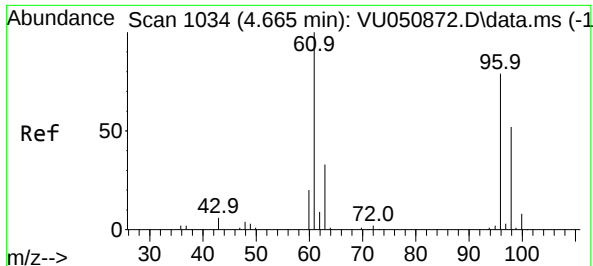
Delta R.T. 0.003 min

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Tgt Ion:	63	Resp:	50585
Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.5	39.9
83	12.8	9.3	17.3





#20

cis-1,2-Dichloroethene

Concen: 3.254 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

EXZ06

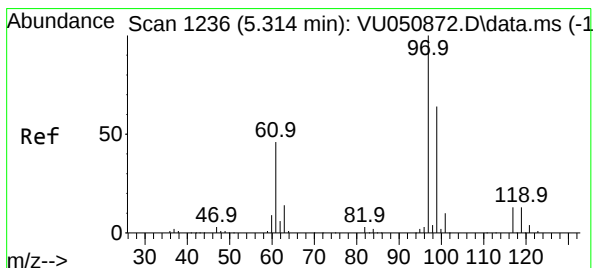
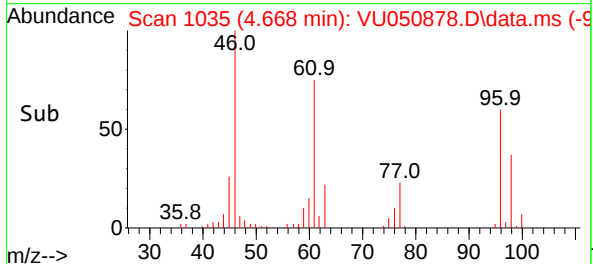
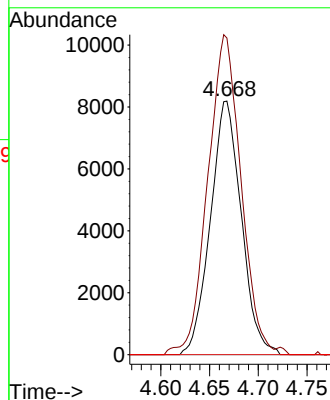
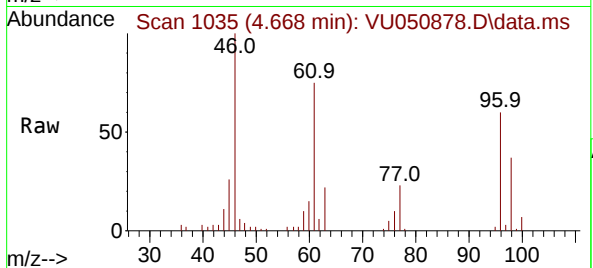
Tgt Ion: 96 Resp: 18073

Ion Ratio Lower Upper

96 100

61 124.8 90.1 167.3

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 9.465 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

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Tgt Ion: 97 Resp: 73293

Ion Ratio Lower Upper

97 100

99 65.7 52.2 78.2

61 45.5 37.1 55.7

