

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050926.D
 Acq On : 23 Sep 2022 17:54
 Operator : JC/MD
 Sample : N4650-13DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ08DL

Quant Time: Sep 24 00:25:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

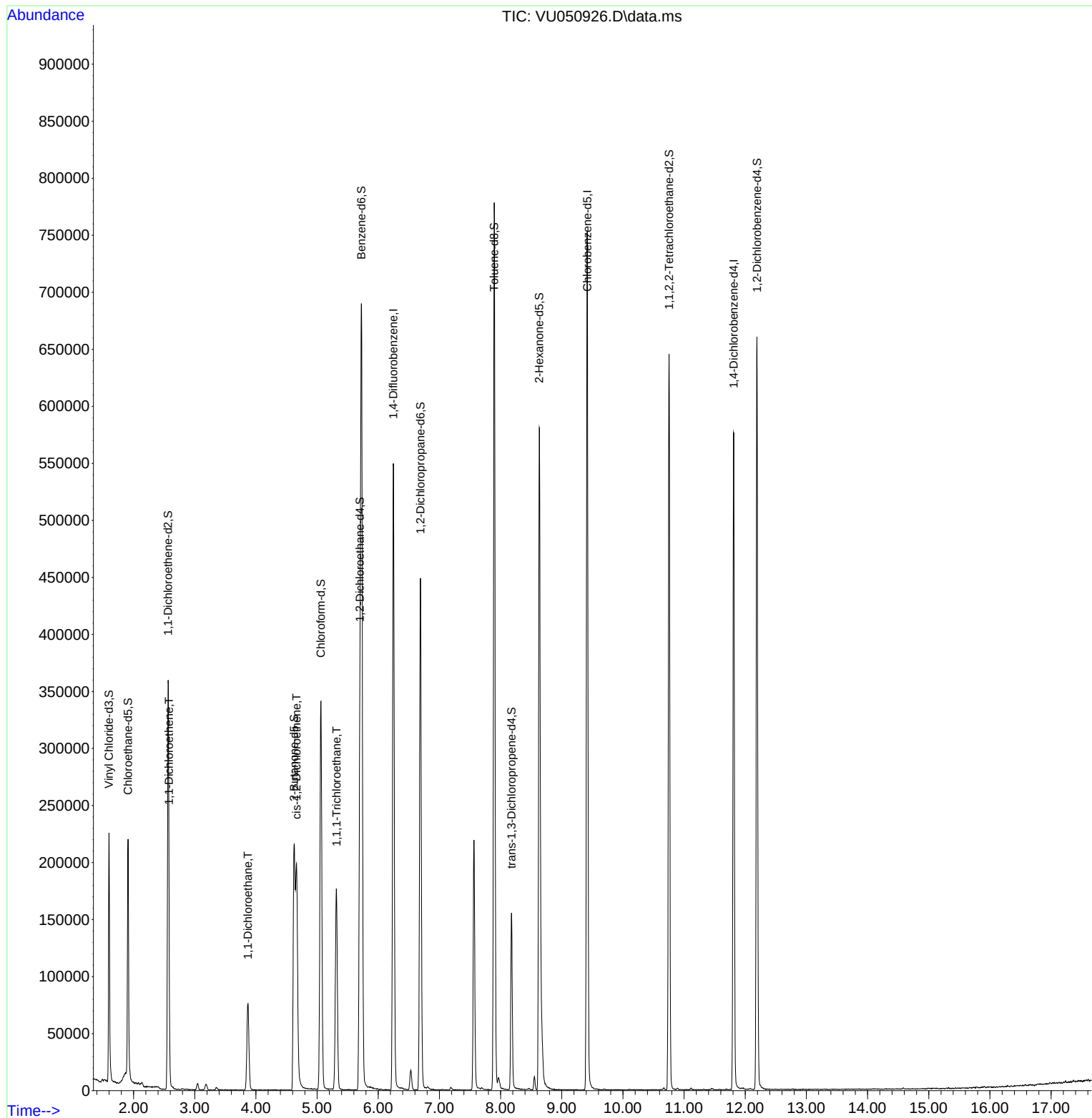
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	425528	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	419103	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	150289	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	166556	37.779	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	75.560%	
7) Chloroethane-d5	1.909	69	146941	46.798	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.565	63	214095	31.209	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	62.420%	
21) 2-Butanone-d5	4.623	46	321412	112.923	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	112.920%	
24) Chloroform-d	5.060	84	322216	46.636	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.280%	
26) 1,2-Dichloroethane-d4	5.700	65	210911	49.534	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.060%	
32) Benzene-d6	5.726	84	634756	45.982	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.960%	
36) 1,2-Dichloropropane-d6	6.690	67	219597	47.128	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	94.260%	
41) Toluene-d8	7.896	98	511326	42.375	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.740%	
43) trans-1,3-Dichloroprop...	8.179	79	88330	43.575	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.160%	
47) 2-Hexanone-d5	8.632	63	176933	92.142	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	92.140%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	327546	46.107	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.220%	
66) 1,2-Dichlorobenzene-d4	12.192	152	169589	53.895	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.780%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	4311	1.318	ug/L	# 1
19) 1,1-Dichloroethane	3.870	63	89789	13.253	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	88191	23.722	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	128894	23.117	ug/L	99

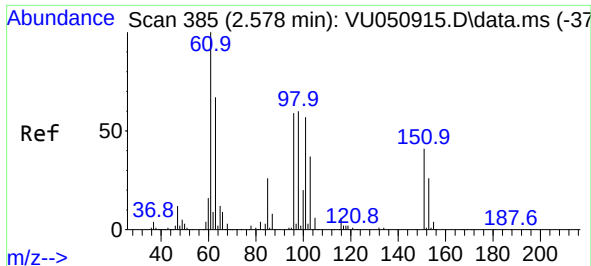
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 24 00:22:43 2022
Response via : Initial Calibration

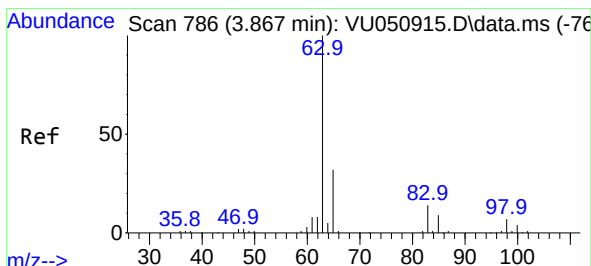
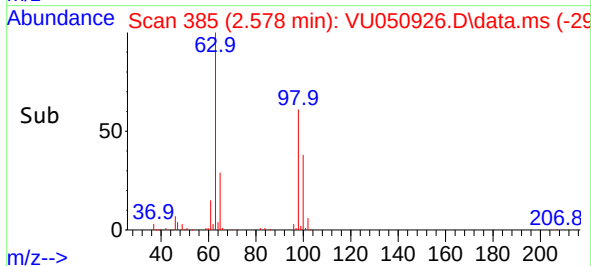
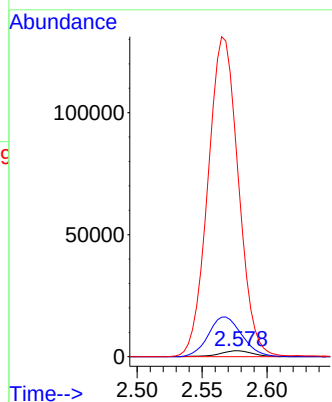
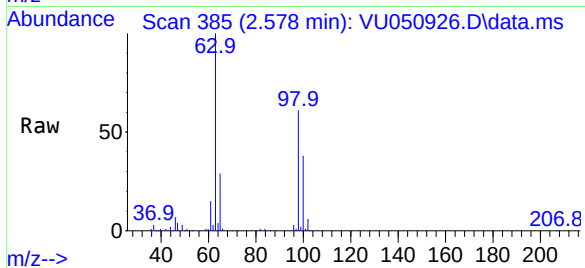




#12
1,1-Dichloroethene
Concen: 1.318 ug/L
RT: 2.578 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050926.D
Acq: 23 Sep 2022 17:54

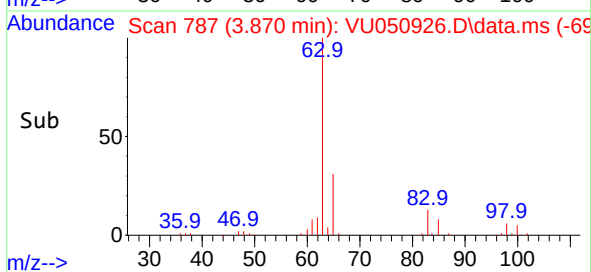
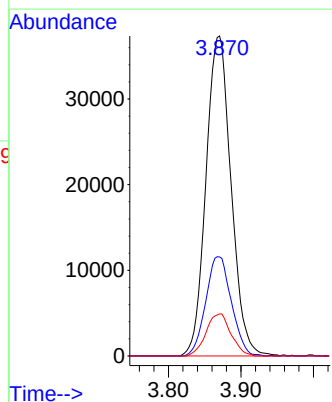
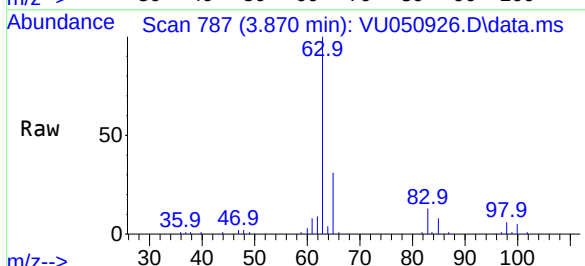
Instrument :
MSVOA_U
ClientSampleId :
EXZ08DL

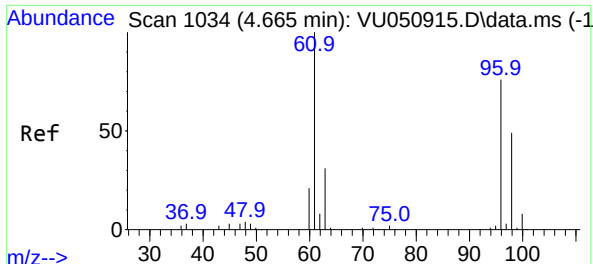
Tgt Ion: 96 Resp: 4311
Ion Ratio Lower Upper
96 100
61 444.0 118.6 220.2#
63 2956.5 90.4 168.0#



#19
1,1-Dichloroethane
Concen: 13.253 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU050926.D
Acq: 23 Sep 2022 17:54

Tgt Ion: 63 Resp: 89789
Ion Ratio Lower Upper
63 100
65 31.0 21.5 39.9
83 13.8 9.3 17.3

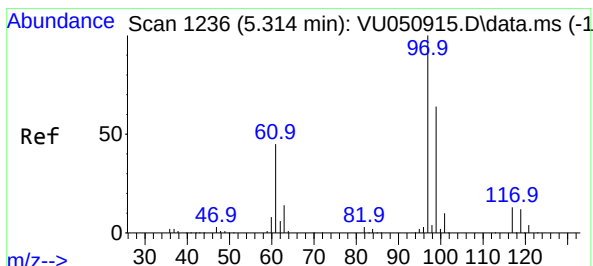
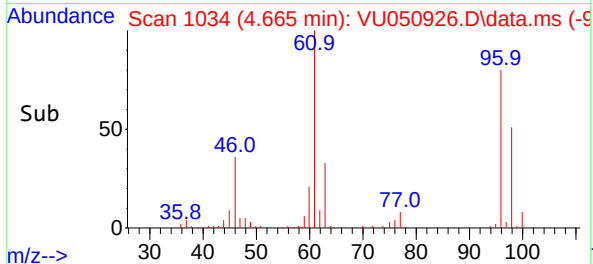
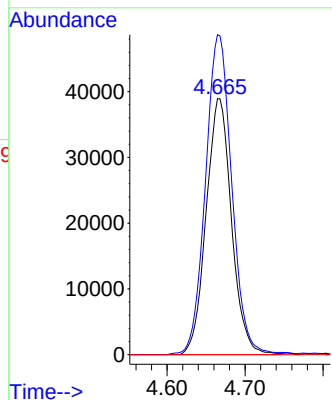
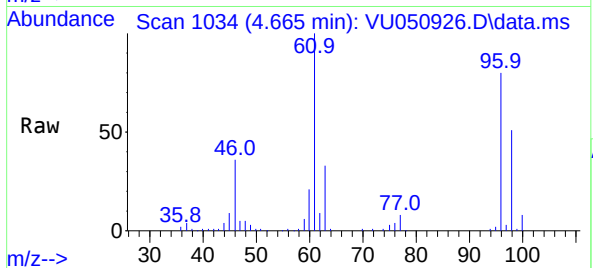




#20
 cis-1,2-Dichloroethene
 Concen: 23.722 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU050926.D
 Acq: 23 Sep 2022 17:54

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ08DL

Tgt Ion: 96 Resp: 88191
 Ion Ratio Lower Upper
 96 100
 61 125.0 90.1 167.3
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 23.117 ug/L
 RT: 5.317 min Scan# 1237
 Delta R.T. 0.003 min
 Lab File: VU050926.D
 Acq: 23 Sep 2022 17:54

Tgt Ion: 97 Resp: 128894
 Ion Ratio Lower Upper
 97 100
 99 63.8 52.2 78.2
 61 46.3 37.1 55.7

