

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
 Data File : VU052912.D
 Acq On : 01 Feb 2023 17:52
 Operator : JC/MD
 Sample : 01381-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44K1

Quant Time: Feb 01 20:07:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 20:03:09 2023
 Response via : Initial Calibration

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

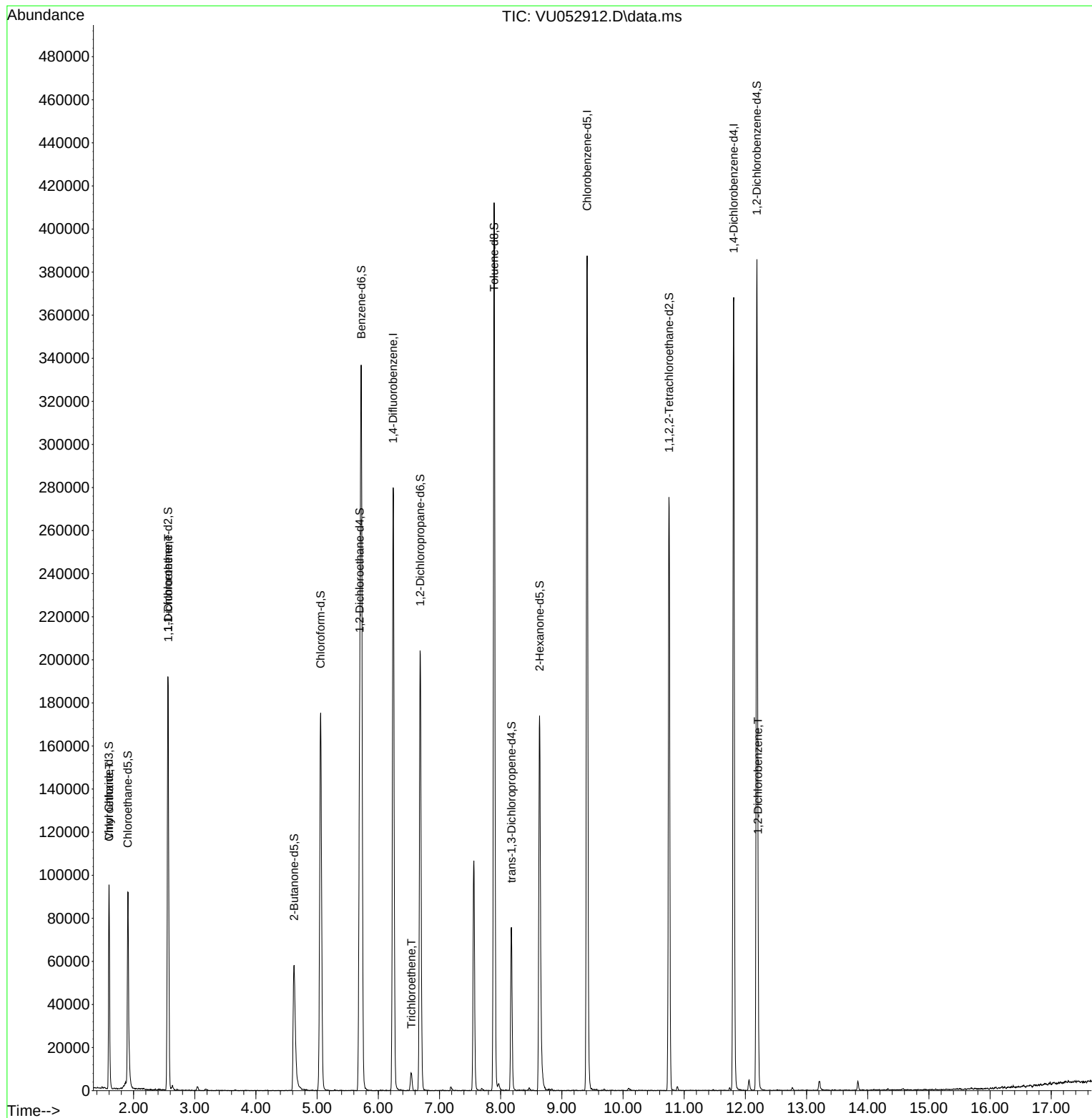
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	234016	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	224246	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	104713	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72915	43.290	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.580%
7) Chloroethane-d5	1.906	69	69446	50.038	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.080%
11) 1,1-Dichloroethene-d2	2.562	63	114226	34.096	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.200%
21) 2-Butanone-d5	4.623	46	89385	85.905	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.910%
24) Chloroform-d	5.057	84	168631	46.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.820%
26) 1,2-Dichloroethane-d4	5.697	65	112147	48.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.720%
32) Benzene-d6	5.722	84	318309	46.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.920%
36) 1,2-Dichloropropane-d6	6.684	67	94088	46.826	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.660%
41) Toluene-d8	7.893	98	271318	43.491	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.980%
43) trans-1,3-Dichloroprop...	8.176	79	44395	44.082	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.160%
47) 2-Hexanone-d5	8.636	63	59836	84.752	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.750%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	128244	43.198	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	106993	52.622	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.240%
Target Compounds						
					Qvalue	
8) Chloroethane	1.600	64	1018	0.811	ug/L #	1
12) 1,1-Dichloroethene	2.565	96	962	0.556	ug/L #	1
34) Trichloroethene	6.539	95	2738	1.411	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	9927	2.876	ug/L	95

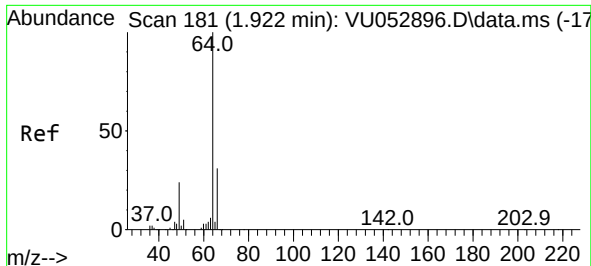
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.811 ug/L

RT: 1.600 min Scan# 81

Delta R.T. -0.322 min

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ClientSampleId :

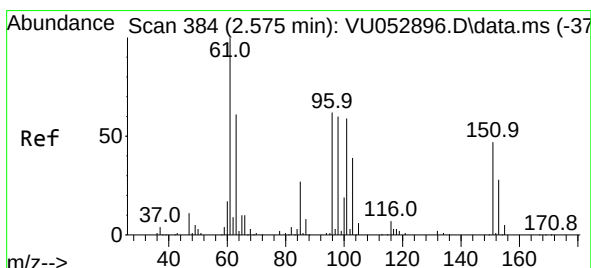
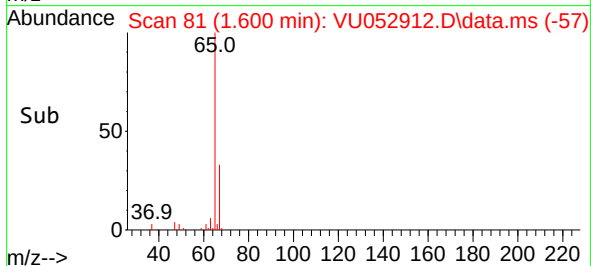
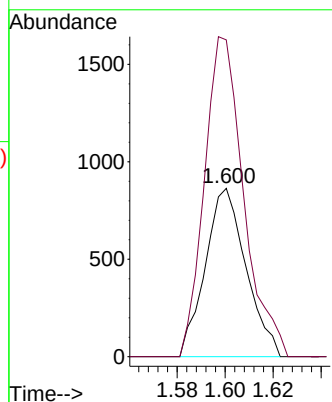
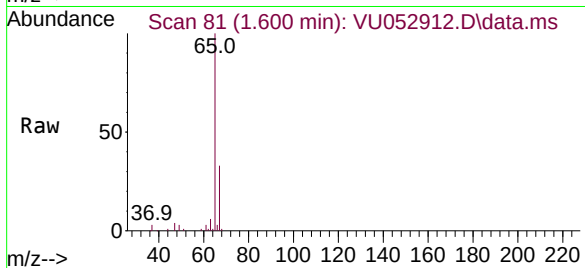
A44K1

Tgt Ion: 64 Resp: 1018

Ion Ratio Lower Upper

64 100

66 188.2 24.1 44.7#



#12

1,1-Dichloroethene

Concen: 0.556 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.010 min

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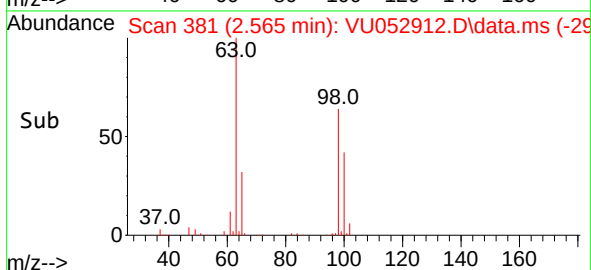
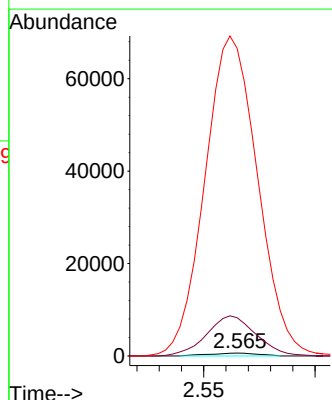
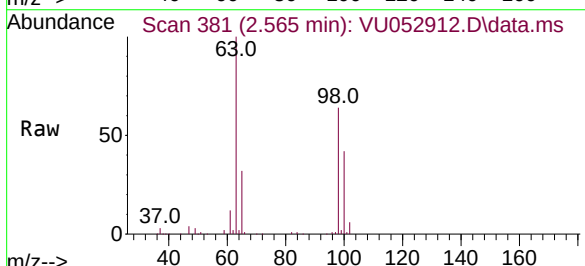
Tgt Ion: 96 Resp: 962

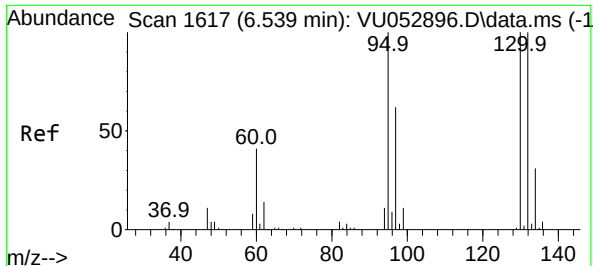
Ion Ratio Lower Upper

96 100

61 1293.0 114.3 212.3#

63 10400.0 80.6 149.6#

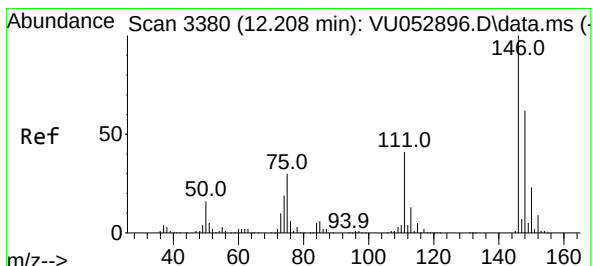
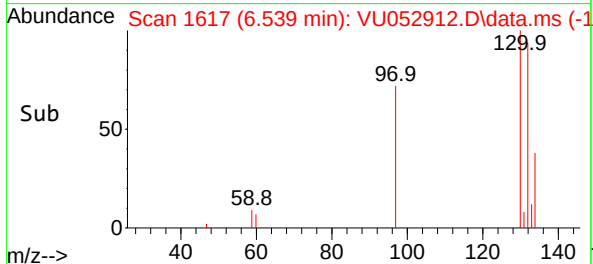
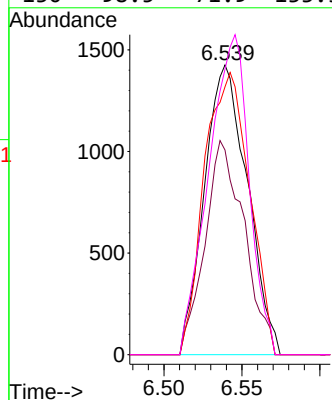
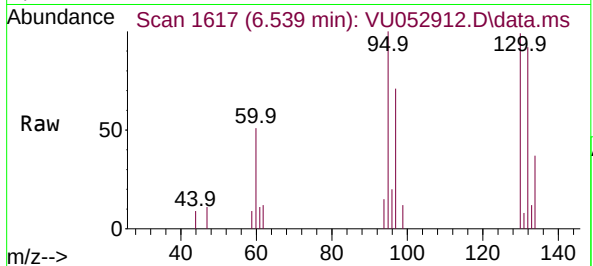




#34
Trichloroethene
Concen: 1.411 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
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Tgt Ion: 95 Resp: 2738
Ion Ratio Lower Upper
95 100
97 70.6 44.5 82.7
132 92.4 66.8 124.0
130 98.5 71.9 133.5



#67
1,2-Dichlorobenzene
Concen: 2.876 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
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Tgt Ion: 146 Resp: 9927
Ion Ratio Lower Upper
146 100
111 47.5 33.2 49.8
148 64.3 50.2 75.4

