

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050823\
 Data File : VU054081.D
 Acq On : 08 May 2023 15:33
 Operator : JC/MD
 Sample : 02662-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 09 04:39:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

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

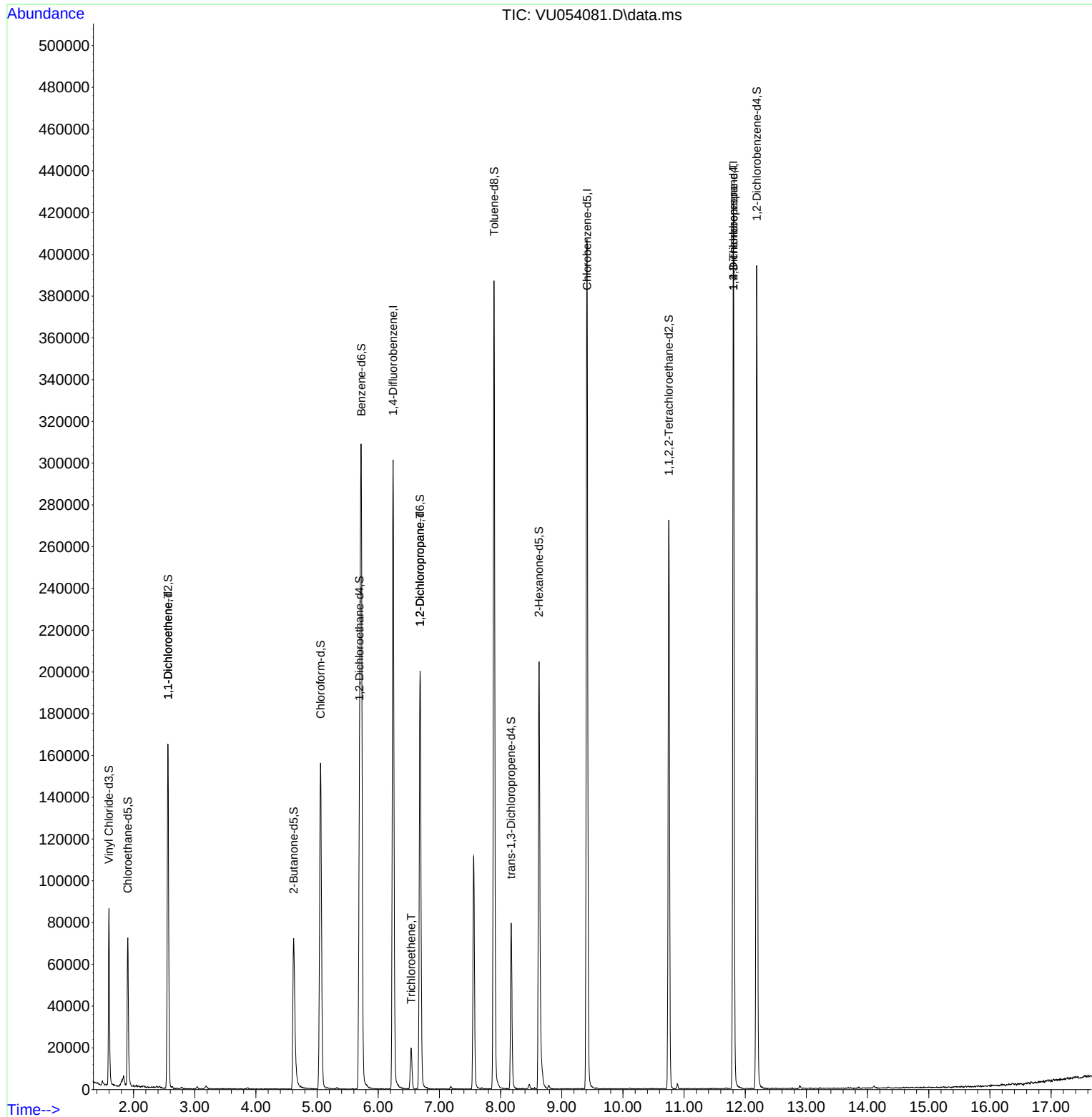
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	248949	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	237558	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	117297	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	65558	34.819	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.640%
7) Chloroethane-d5	1.906	69	56105	45.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.562	63	100236	30.016	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.040%
21) 2-Butanone-d5	4.616	46	107153	99.784	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.780%
24) Chloroform-d	5.057	84	150869	43.629	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.260%
26) 1,2-Dichloroethane-d4	5.694	65	100625	45.321	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.640%
32) Benzene-d6	5.723	84	290764	41.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.160%
36) 1,2-Dichloropropane-d6	6.684	67	94429	42.777	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.560%
41) Toluene-d8	7.893	98	261321	41.394	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.780%
43) trans-1,3-Dichloroprop...	8.173	79	45718	41.850	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.700%
47) 2-Hexanone-d5	8.629	63	69794	88.273	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.270%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	132947	45.722	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.440%
66) 1,2-Dichlorobenzene-d4	12.189	152	107727	47.013	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.020%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.562	96	988	0.684	ug/L #	1
34) Trichloroethene	6.539	95	6343	3.456	ug/L	82
37) 1,2-Dichloropropane	6.684	63	9988	5.106	ug/L #	87
60) 1,2,3-Trichloropropane	11.806	75	13675	6.277	ug/L #	66

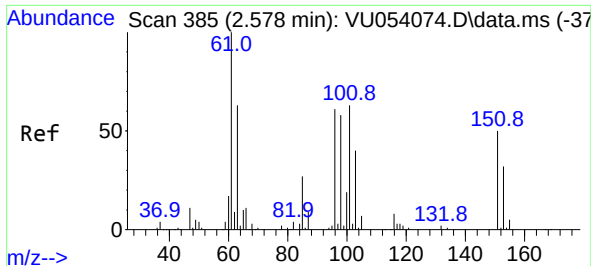
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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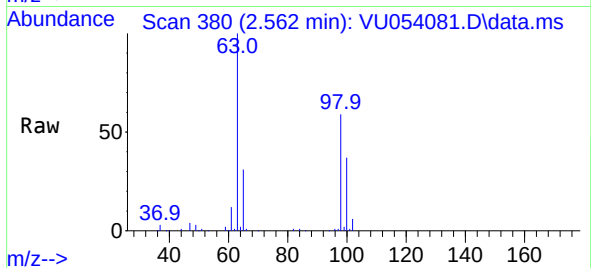
Quant Time: May 09 04:39:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
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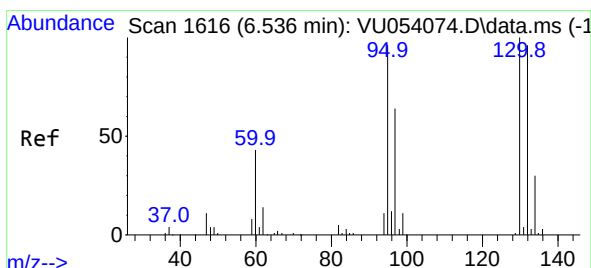
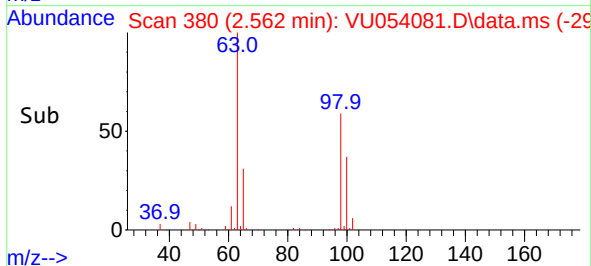
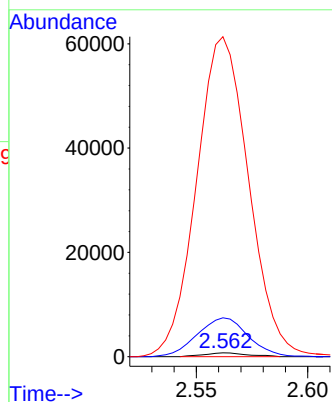


#12
1,1-Dichloroethene
Concen: 0.684 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU054081.D
Acq: 08 May 2023 15:33

Instrument :
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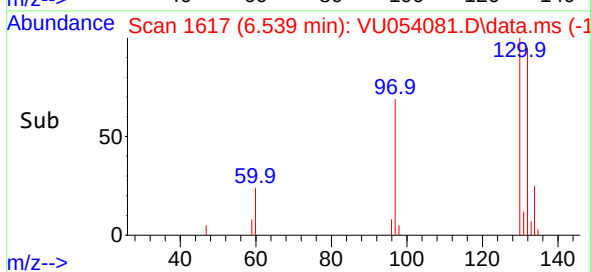
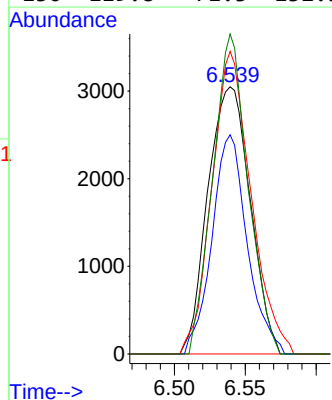
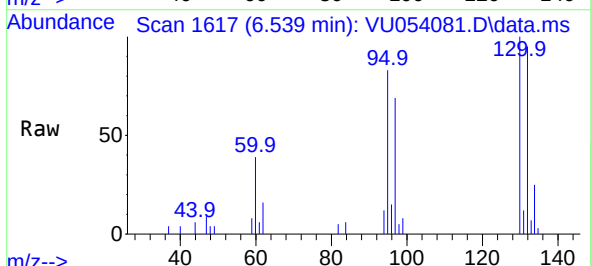


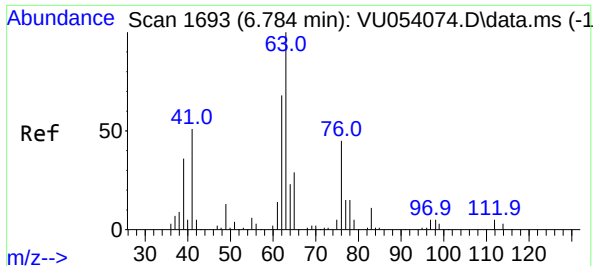
Tgt Ion: 96 Resp: 988
Ion Ratio Lower Upper
96 100
61 1012.1 118.3 219.7#
63 8326.7 92.3 171.5#



#34
Trichloroethene
Concen: 3.456 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU054081.D
Acq: 08 May 2023 15:33

Tgt Ion: 95 Resp: 6343
Ion Ratio Lower Upper
95 100
97 82.1 46.5 86.3
132 113.3 67.8 126.0
130 119.8 71.3 132.3

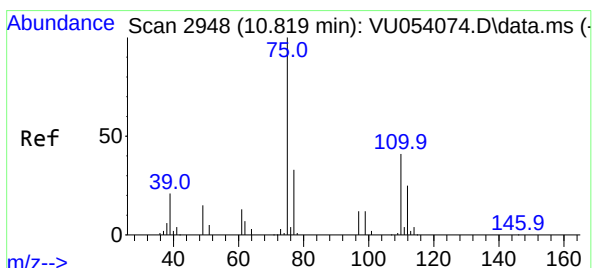
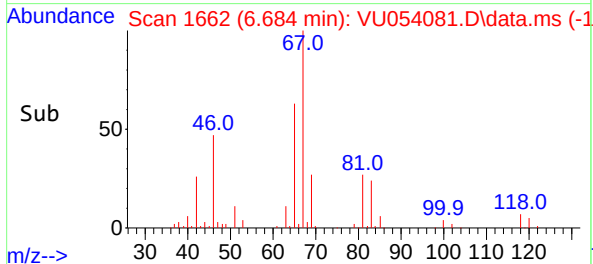
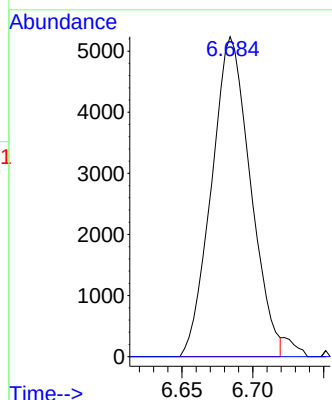
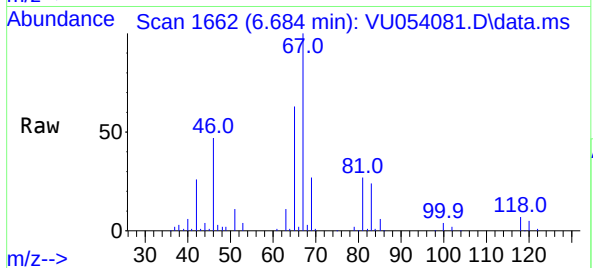




#37
1,2-Dichloropropane
Concen: 5.106 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU054081.D
Acq: 08 May 2023 15:33

Instrument :
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ClientSampleId :

Tgt Ion: 63 Resp: 9988
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#60
1,2,3-Trichloropropane
Concen: 6.277 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU054081.D
Acq: 08 May 2023 15:33

Tgt Ion: 75 Resp: 13675
Ion Ratio Lower Upper
75 100
77 33.6 26.0 39.0
110 2.4 31.8 47.8#

