

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051023\
 Data File : VU054139.D
 Acq On : 10 May 2023 12:52
 Operator : JC/MD
 Sample : 02689-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK002

Quant Time: May 11 05:12:07 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)

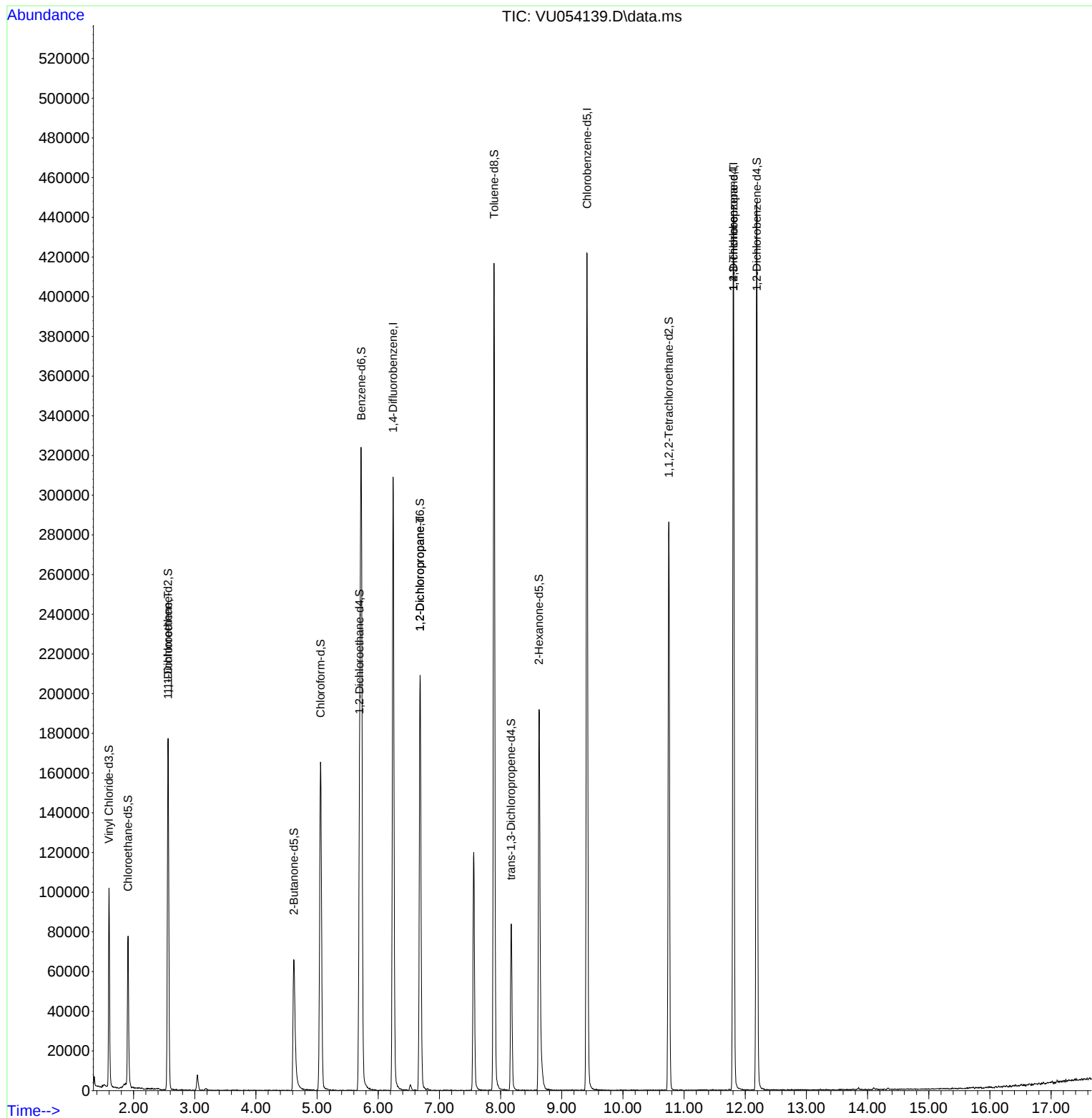
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	251133	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	242991	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	124249	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77098	40.592	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	81.180%	
7) Chloroethane-d5	1.909	69	56796	45.555	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	91.100%	
11) 1,1-Dichloroethene-d2	2.565	63	107061	31.781	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.560%	
21) 2-Butanone-d5	4.620	46	99240	91.612	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	91.610%	
24) Chloroform-d	5.057	84	158499	45.436	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.880%	
26) 1,2-Dichloroethane-d4	5.694	65	105535	47.119	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.240%	
32) Benzene-d6	5.723	84	306131	42.801	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.600%	
36) 1,2-Dichloropropane-d6	6.684	67	100330	44.434	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	88.860%	
41) Toluene-d8	7.893	98	279726	43.318	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.640%	
43) trans-1,3-Dichloroprop...	8.173	79	50898	45.550	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.100%	
47) 2-Hexanone-d5	8.629	63	64869	80.210	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	80.210%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	141057	47.427	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.860%	
66) 1,2-Dichlorobenzene-d4	12.189	152	122389	50.423	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.840%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.562	96	784	0.538	ug/L #	1
37) 1,2-Dichloropropane	6.684	63	10841	5.418	ug/L #	87
60) 1,2,3-Trichloropropane	11.806	75	14103	6.111	ug/L #	64

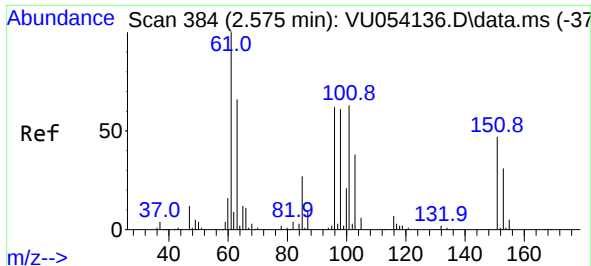
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.538 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU054139.D

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Instrument :

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ClientSampleId :

VHBLK002

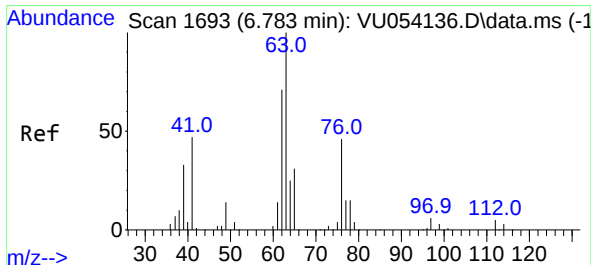
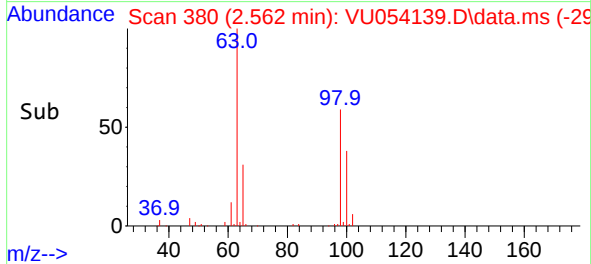
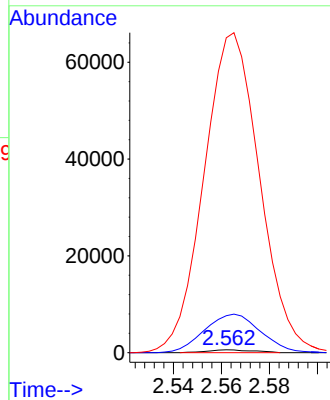
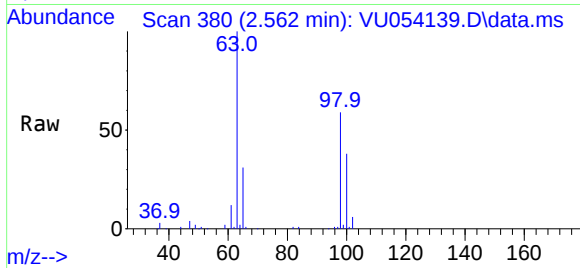
Tgt Ion: 96 Resp: 784

Ion Ratio Lower Upper

96 100

61 1287.4 118.3 219.7#

63 10970.7 92.3 171.5#



#37

1,2-Dichloropropane

Concen: 5.418 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU054139.D

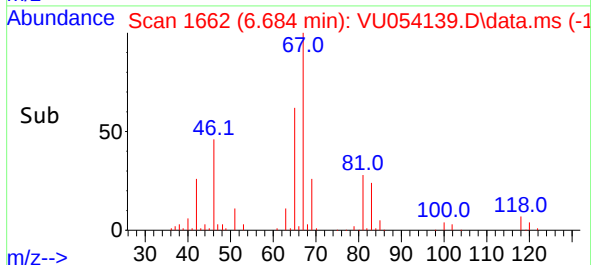
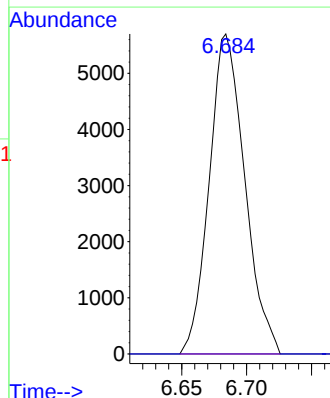
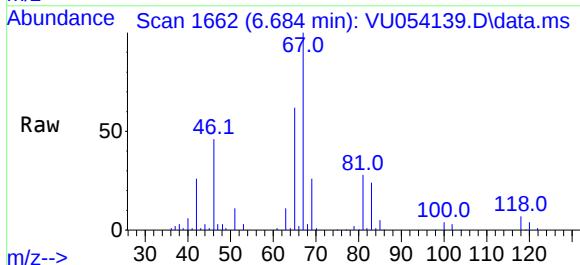
Acq: 10 May 2023 12:52

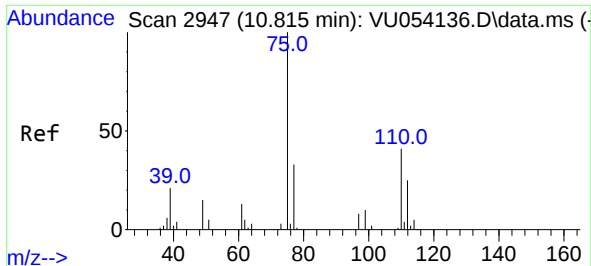
Tgt Ion: 63 Resp: 10841

Ion Ratio Lower Upper

63 100

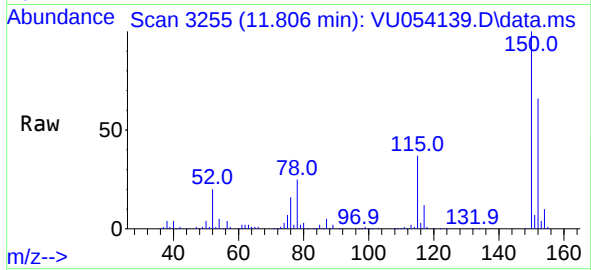
112 0.0 3.4 5.0#





#60
 1,2,3-Trichloropropane
 Concen: 6.111 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054139.D
 Acq: 10 May 2023 12:52

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 MSVOA_U
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 VHBLK002



Tgt Ion: 75 Resp: 14103
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.0 39.0
 110 1.4 31.8 47.8#

