

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050123\
 Data File : VU054039.D
 Acq On : 01 May 2023 20:26
 Operator : JC/MD
 Sample : 02565-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: May 02 05:36:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 02 05:29:54 2023
 Response via : Initial Calibration

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

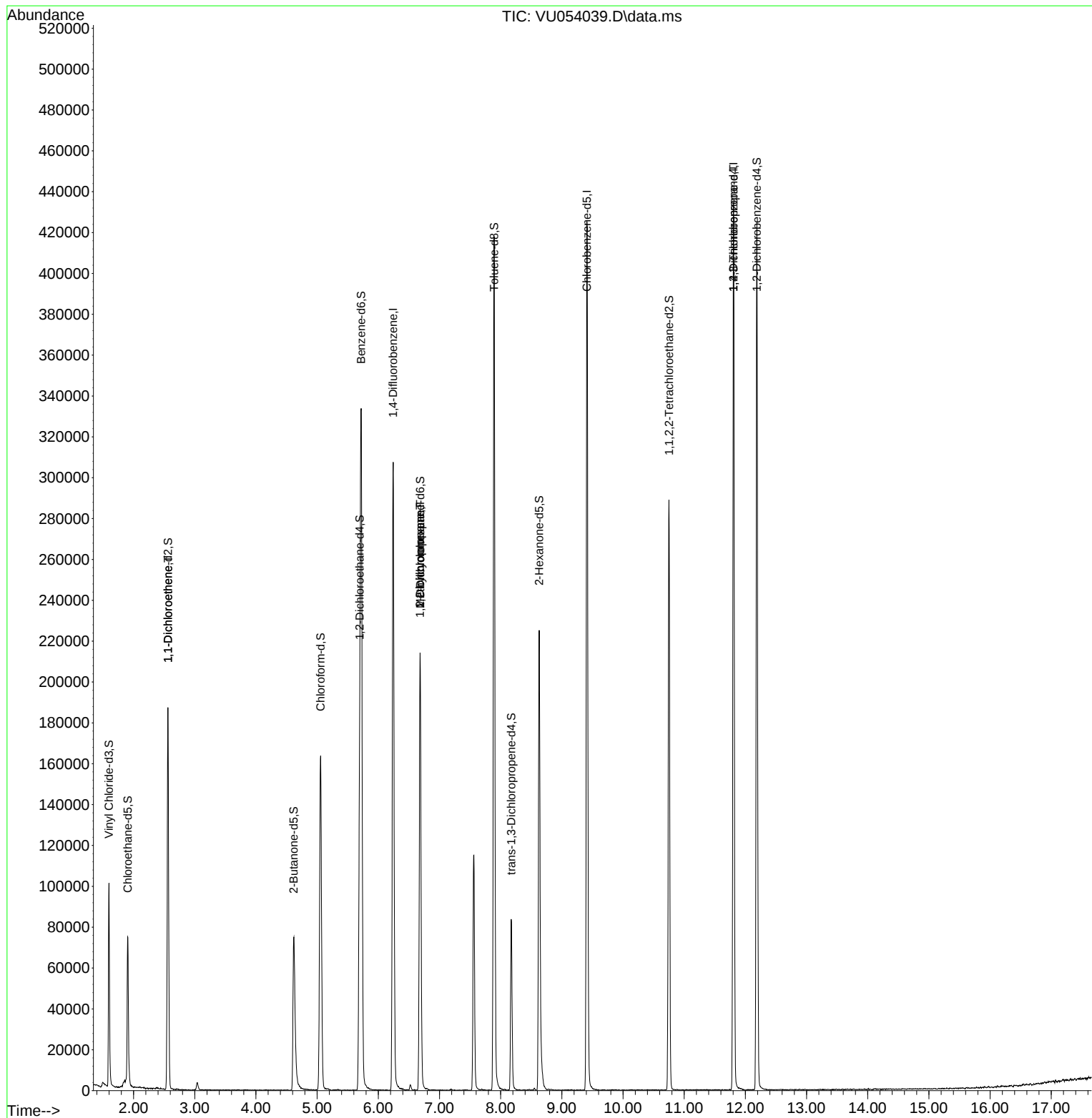
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	254186	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.410	117	241013	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	120422	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77495	40.311	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.620%		
7) Chloroethane-d5	1.906	69	54699	43.346	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.700%		
11) 1,1-Dichloroethene-d2	2.562	63	112535	33.004	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.000%		
21) 2-Butanone-d5	4.616	46	114575	104.498	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.500%		
24) Chloroform-d	5.057	84	158968	45.024	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.040%		
26) 1,2-Dichloroethane-d4	5.697	65	106333	46.905	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.820%		
32) Benzene-d6	5.719	84	315181	44.428	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.860%		
36) 1,2-Dichloropropane-d6	6.684	67	101815	45.462	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.920%		
41) Toluene-d8	7.893	98	284462	44.413	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.820%		
43) trans-1,3-Dichloroprop...	8.172	79	49080	44.283	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.560%		
47) 2-Hexanone-d5	8.629	63	75159	93.696	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.700%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	144091	48.844	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.680%		
66) 1,2-Dichlorobenzene-d4	12.188	152	113674	48.321	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.640%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.562	96	856	0.581	ug/L #	1
35) Methylcyclohexane	6.684	83	24662	9.444	ug/L #	18
37) 1,2-Dichloropropane	6.681	63	11488	5.788	ug/L #	87
60) 1,2,3-Trichloropropane	11.806	75	13575	6.069	ug/L #	64

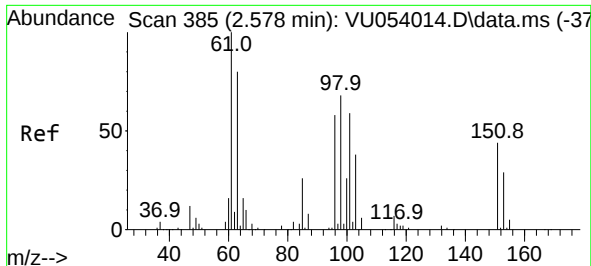
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.581 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.016 min

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MSVOA_U

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VHBLK001

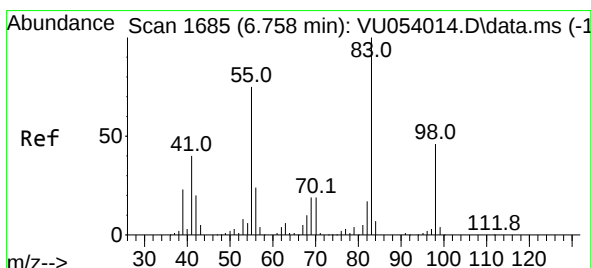
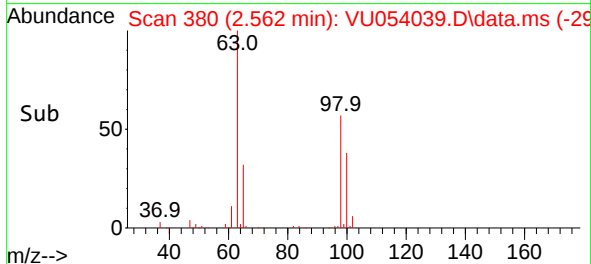
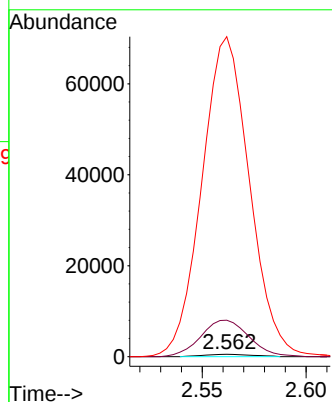
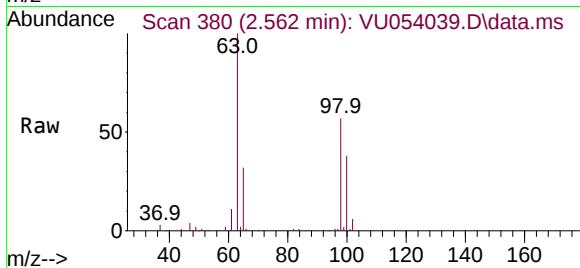
Tgt Ion: 96 Resp: 856

Ion Ratio Lower Upper

96 100

61 1503.2 118.3 219.7#

63 13200.8 92.3 171.5#



#35

Methylcyclohexane

Concen: 9.444 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.074 min

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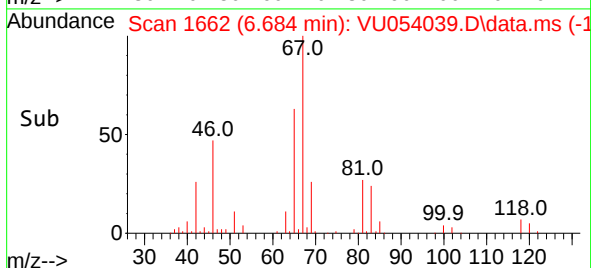
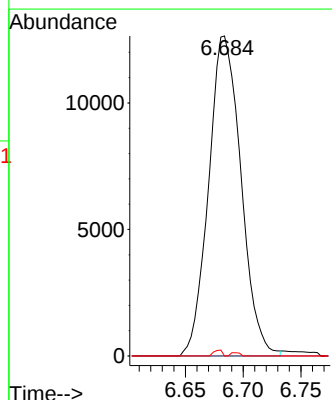
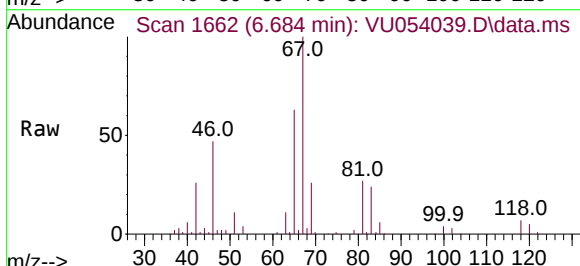
Tgt Ion: 83 Resp: 24662

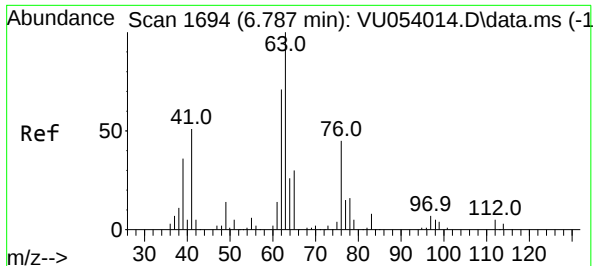
Ion Ratio Lower Upper

83 100

55 0.0 61.8 92.6#

98 0.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.788 ug/L

RT: 6.681 min Scan# 1

Delta R.T. -0.106 min

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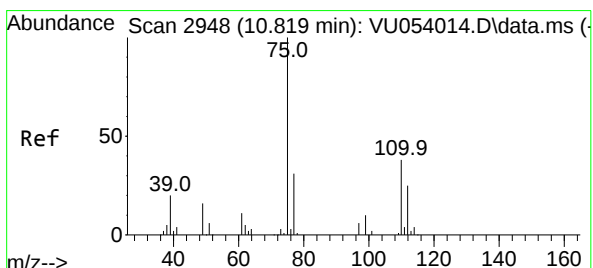
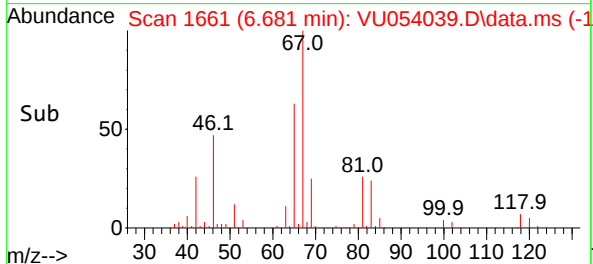
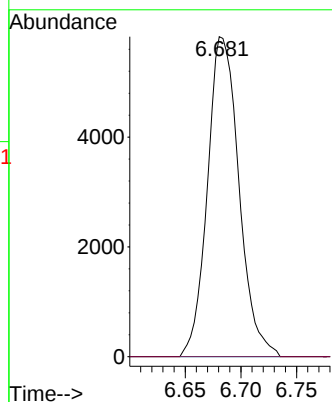
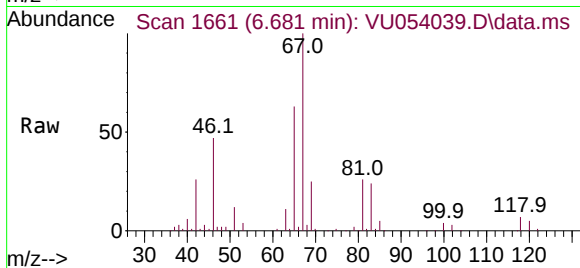
VHBLK001

Tgt Ion: 63 Resp: 11488

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#60

1,2,3-Trichloropropane

Concen: 6.069 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU054039.D

Acq: 01 May 2023 20:26

Tgt Ion: 75 Resp: 13575

Ion Ratio Lower Upper

75 100

77 35.3 26.0 39.0

110 2.2 31.8 47.8#

