

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
 Data File : VU052844.D
 Acq On : 27 Jan 2023 14:14
 Operator : JC/MD
 Sample : 01295-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COLC8

Quant Time: Jan 27 22:23:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 22:20:01 2023
 Response via : Initial Calibration

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

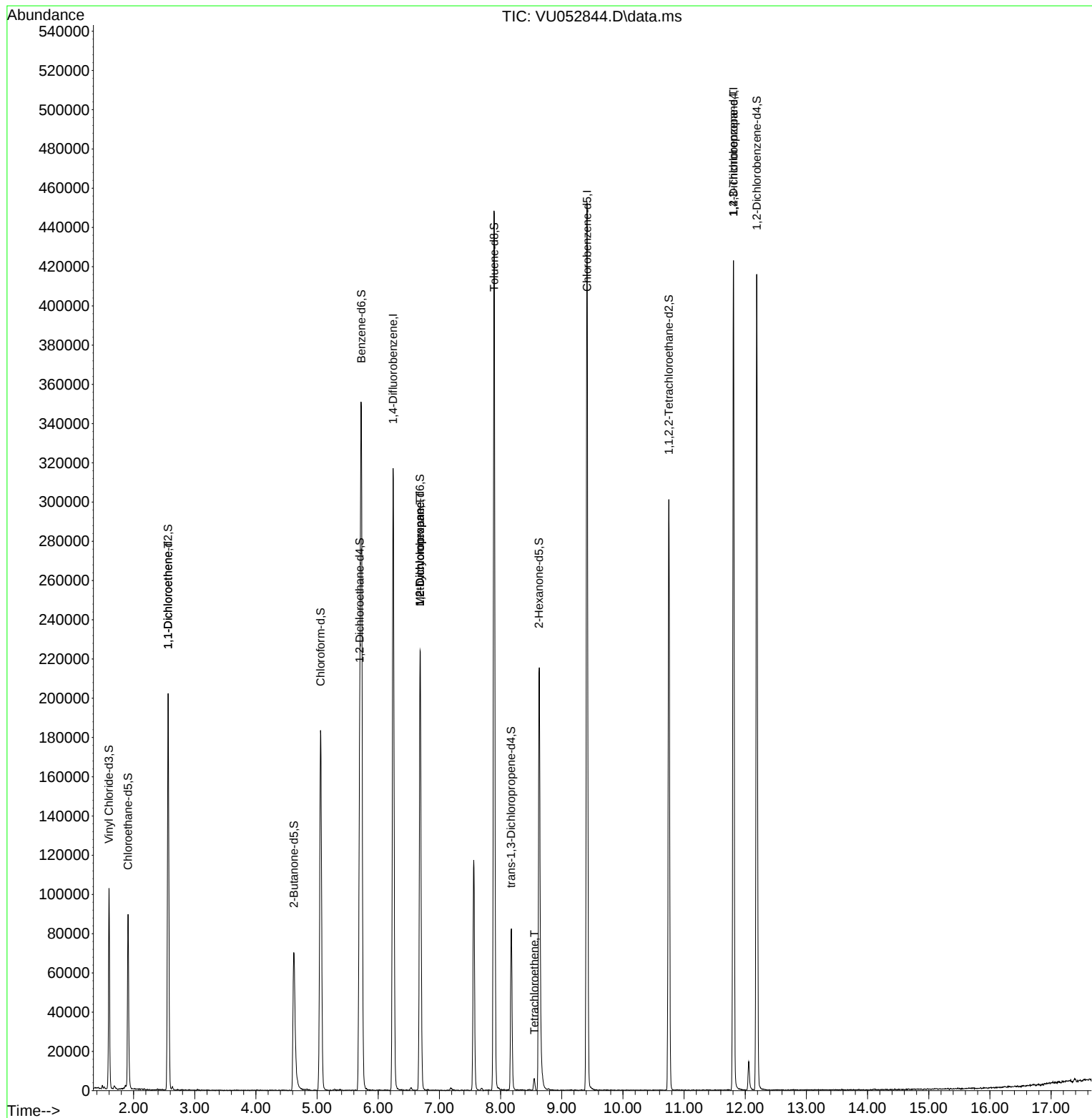
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	264519	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	257684	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	121108	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75606	39.711	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	79.420%	
7) Chloroethane-d5	1.909	69	66380	42.314	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	84.620%	
11) 1,1-Dichloroethene-d2	2.565	63	118451	31.280	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	62.560%	
21) 2-Butanone-d5	4.620	46	105530	89.726	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	89.730%	
24) Chloroform-d	5.057	84	176010	43.318	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.640%	
26) 1,2-Dichloroethane-d4	5.697	65	115888	44.668	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.340%	
32) Benzene-d6	5.722	84	337743	42.901	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.800%	
36) 1,2-Dichloropropane-d6	6.684	67	102570	44.423	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	88.840%	
41) Toluene-d8	7.893	98	296560	41.368	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	82.740%	
43) trans-1,3-Dichloroprop...	8.172	79	48217	41.665	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.320%	
47) 2-Hexanone-d5	8.629	63	71207	87.770	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.770%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	141725	41.544	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	83.080%	
66) 1,2-Dichlorobenzene-d4	12.188	152	116258	49.438	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.880%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.565	96	1129	0.577	ug/L #	1
35) Methylcyclohexane	6.684	83	26858	7.611	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	11534	5.348	ug/L #	85
46) Tetrachloroethene	8.552	164	1480	0.771	ug/L	94
60) 1,2,3-Trichloropropane	11.806	75	11400	4.853	ug/L #	64

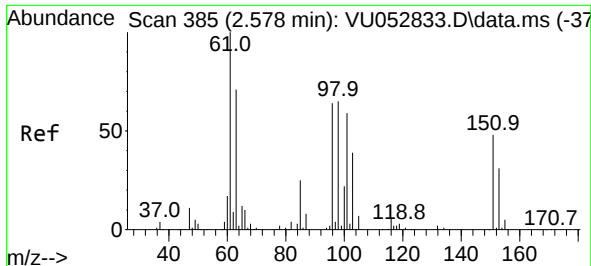
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 27 22:20:01 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.577 ug/L

RT: 2.565 min Scan# 3

Delta R.T. -0.013 min

Lab File: VU052844.D

Acq: 27 Jan 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

C0LC8

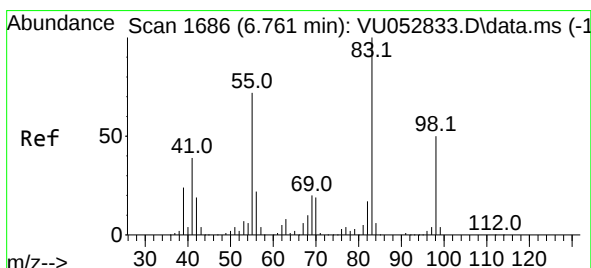
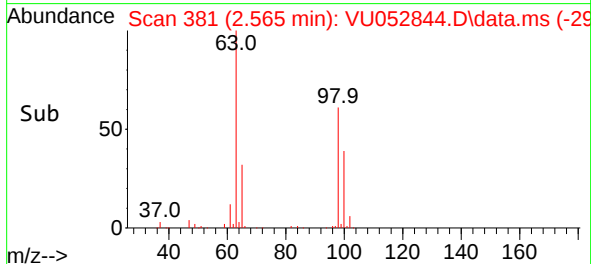
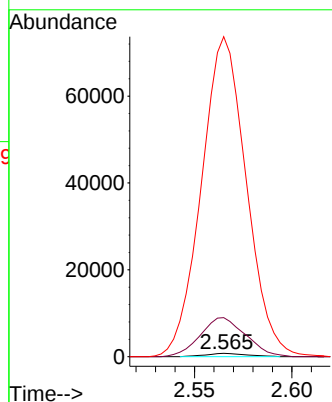
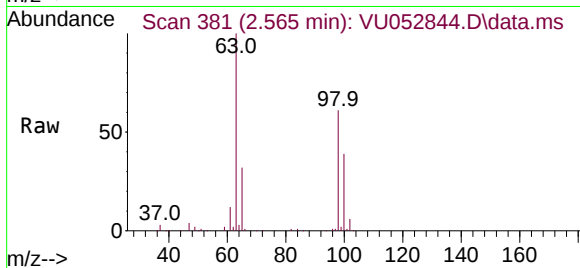
Tgt Ion: 96 Resp: 1129

Ion Ratio Lower Upper

96 100

61 1170.2 114.3 212.3#

63 9582.3 80.6 149.6#



#35

Methylcyclohexane

Concen: 7.611 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.077 min

Lab File: VU052844.D

Acq: 27 Jan 2023 14:14

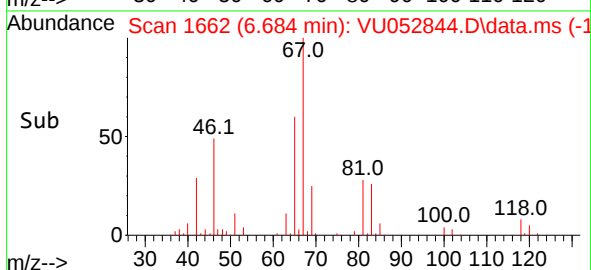
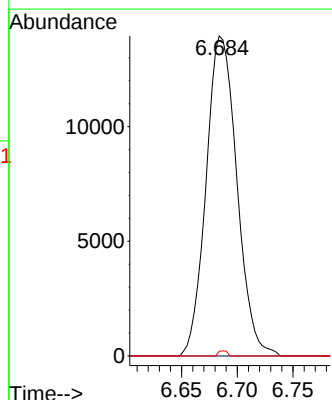
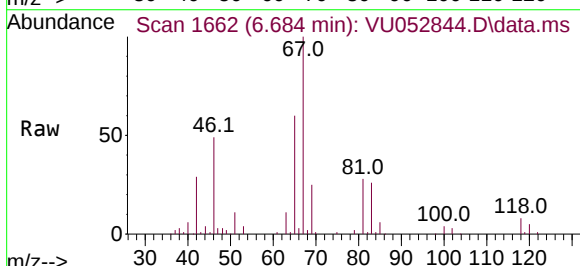
Tgt Ion: 83 Resp: 26858

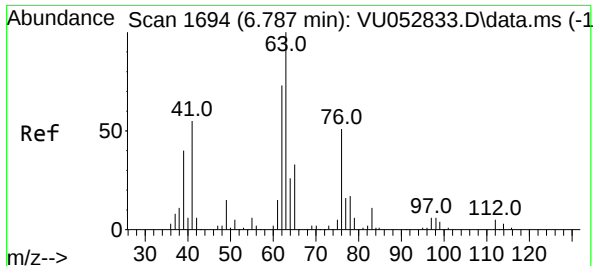
Ion Ratio Lower Upper

83 100

55 0.0 57.1 85.7#

98 0.5 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 5.348 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052844.D

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Instrument :

MSVOA_U

ClientSampleId :

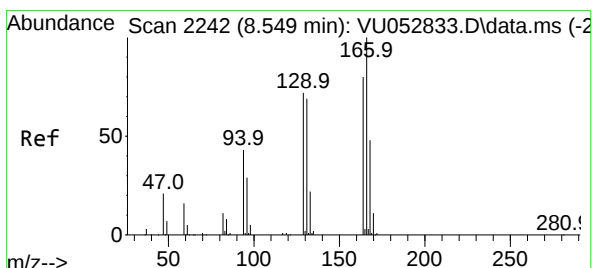
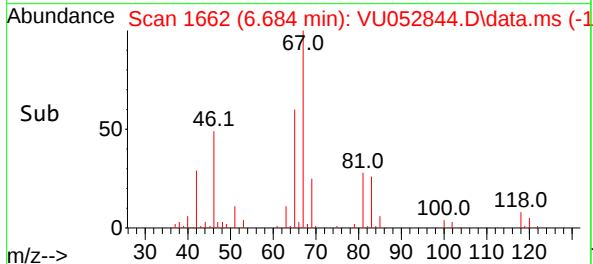
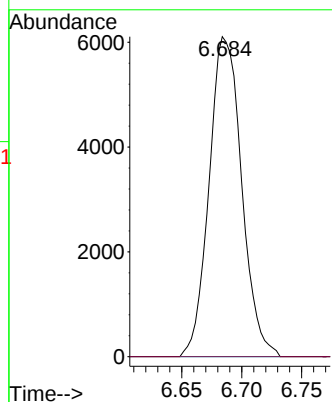
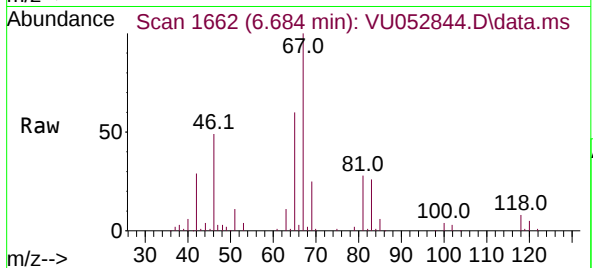
C0LC8

Tgt Ion: 63 Resp: 11534

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#46

Tetrachloroethene

Concen: 0.771 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VU052844.D

Acq: 27 Jan 2023 14:14

Tgt Ion:164 Resp: 1480

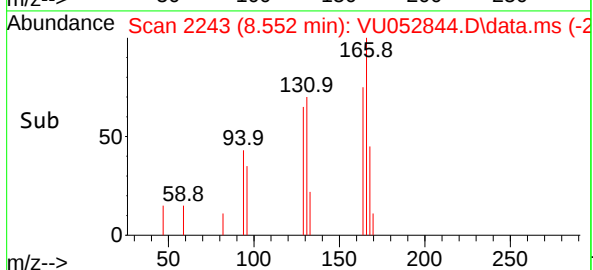
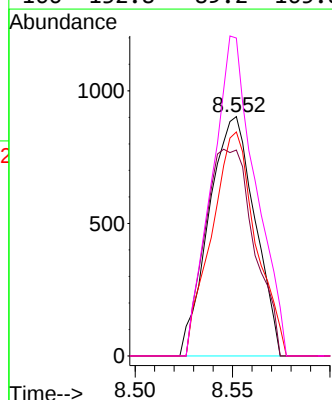
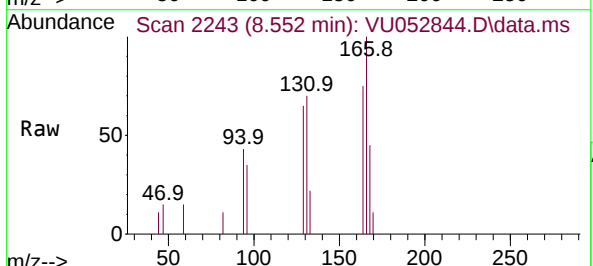
Ion Ratio Lower Upper

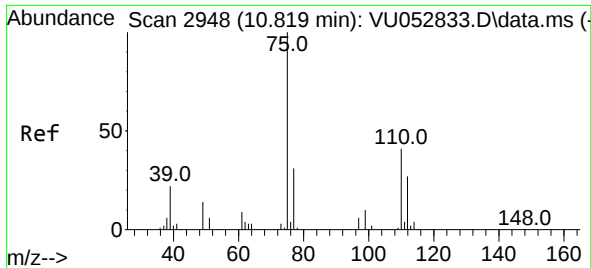
164 100

129 86.0 64.8 120.3

131 93.6 61.2 113.6

166 132.8 89.2 165.8





#60
 1,2,3-Trichloropropane
 Concen: 4.853 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052844.D
 Acq: 27 Jan 2023 14:14

Instrument :
 MSVOA_U
 ClientSampleId :
 COLC8

Tgt Ion: 75 Resp: 11400
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.8 38.8
 110 2.7 32.4 48.6#

