

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046430.D
 Acq On : 16 Dec 2021 18:40
 Operator : SY/MD
 Sample : M5037-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C00Y6

Quant Time: Dec 17 01:54:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 01:49:40 2021
 Response via : Initial Calibration

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

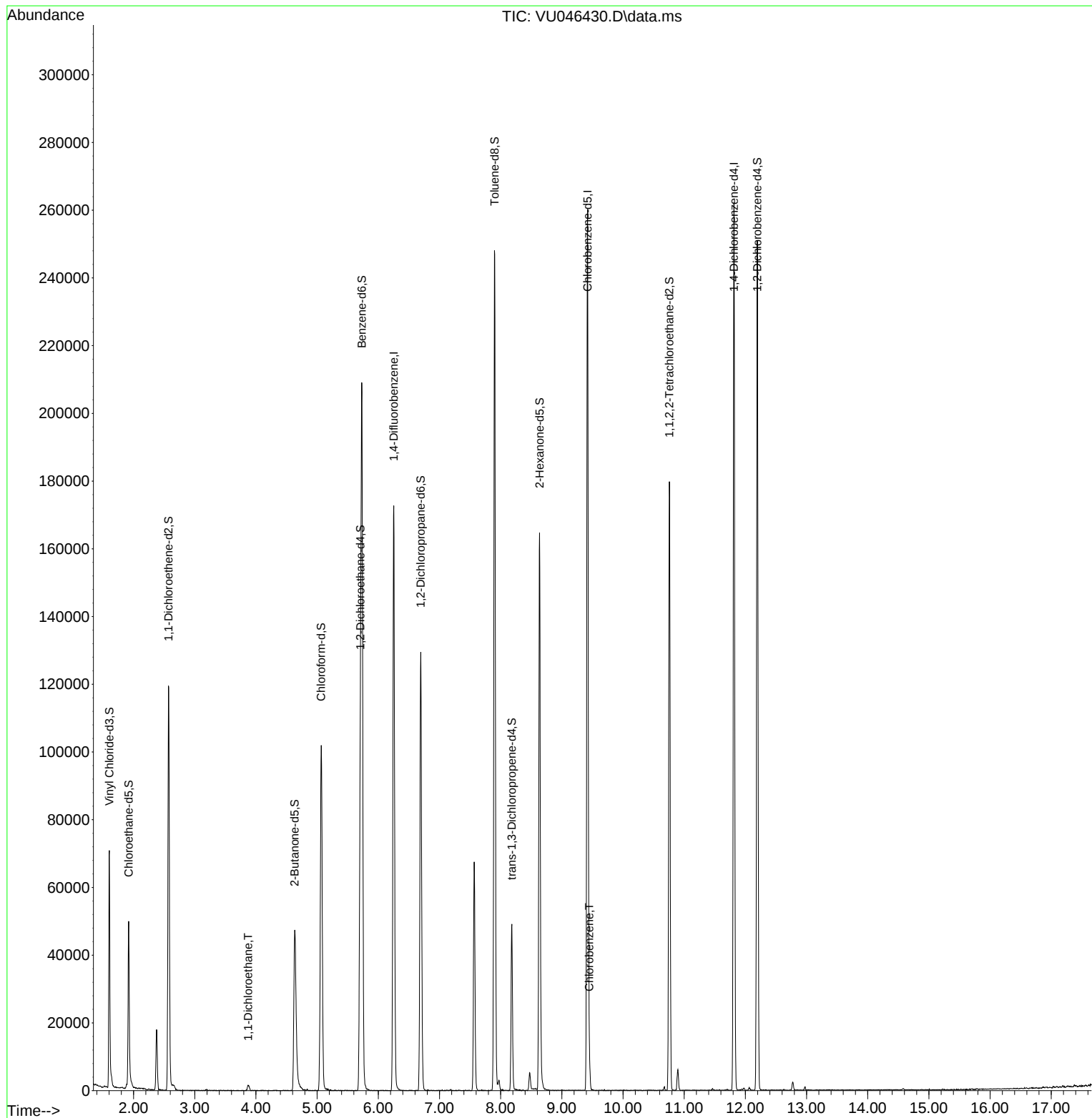
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	136893	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	140625	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67232	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54915	48.698	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.400%
7) Chloroethane-d5	1.919	69	41083	47.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.900%
11) 1,1-Dichloroethene-d2	2.571	63	71835	35.486	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.980%
21) 2-Butanone-d5	4.633	46	77960	86.967	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.970%
24) Chloroform-d	5.067	84	97576	51.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.640%
26) 1,2-Dichloroethane-d4	5.706	65	65385	51.737	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.480%
32) Benzene-d6	5.732	84	193175	47.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
36) 1,2-Dichloropropane-d6	6.694	67	59550	47.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.340%
41) Toluene-d8	7.899	98	163877	44.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.320%
43) trans-1,3-Dichloroprop...	8.182	79	27435	45.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.000%
47) 2-Hexanone-d5	8.636	63	57313	96.769	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.770%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	86502	45.663	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.320%
66) 1,2-Dichlorobenzene-d4	12.195	152	63900	49.352	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.700%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.874	63	2525	1.386	ug/L	98
51) Chlorobenzene	9.449	112	4476	1.515	ug/L	98

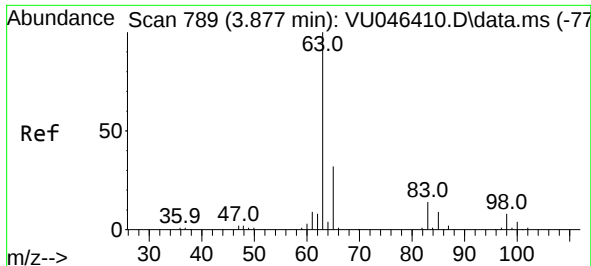
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 1.386 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046430.D

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Instrument :

MSVOA_U

ClientSampleId :

C00Y6

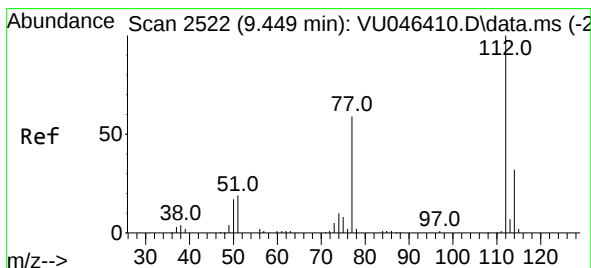
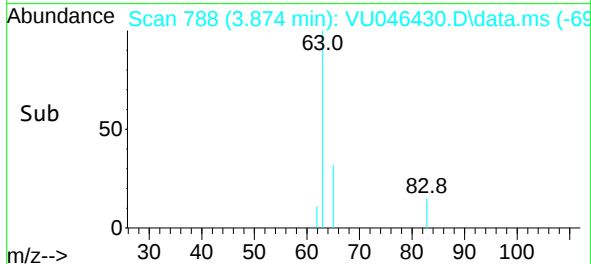
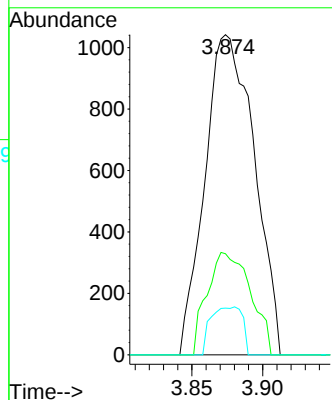
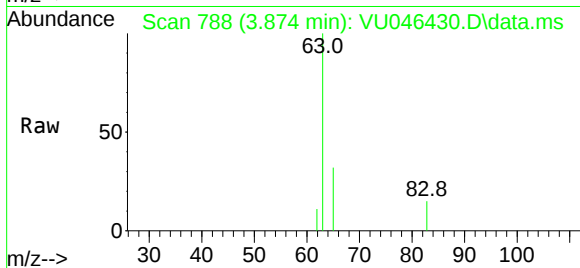
Tgt Ion: 63 Resp: 2525

Ion Ratio Lower Upper

63 100

65 31.6 22.8 42.4

83 14.6 9.6 17.8



#51

Chlorobenzene

Concen: 1.515 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU046430.D

Acq: 16 Dec 2021 18:40

Tgt Ion: 112 Resp: 4476

Ion Ratio Lower Upper

112 100

114 32.1 22.2 41.2

77 61.6 47.4 71.0

