

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\
 Data File : VU031482.D
 Acq On : 24 Apr 2019 19:56
 Operator : JC/SP
 Sample : K2517-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHZ1

Quant Time: Apr 25 07:07:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 06:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	296993	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	295233	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109742	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	130035	5.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.40%
7) Chloroethane-d5	1.68	69	100135	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.27	63	188080	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	4.19	46	358500	56.24	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.48%
24) Chloroform-d	4.64	84	219575	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.40%
26) 1,2-Dichloroethane-d4	5.31	65	124506	6.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.20%
32) Benzene-d6	5.33	84	425965	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.33	67	147064	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	7.56	98	336426	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.85	79	48329	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.31	63	235131	46.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111770	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	109227	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

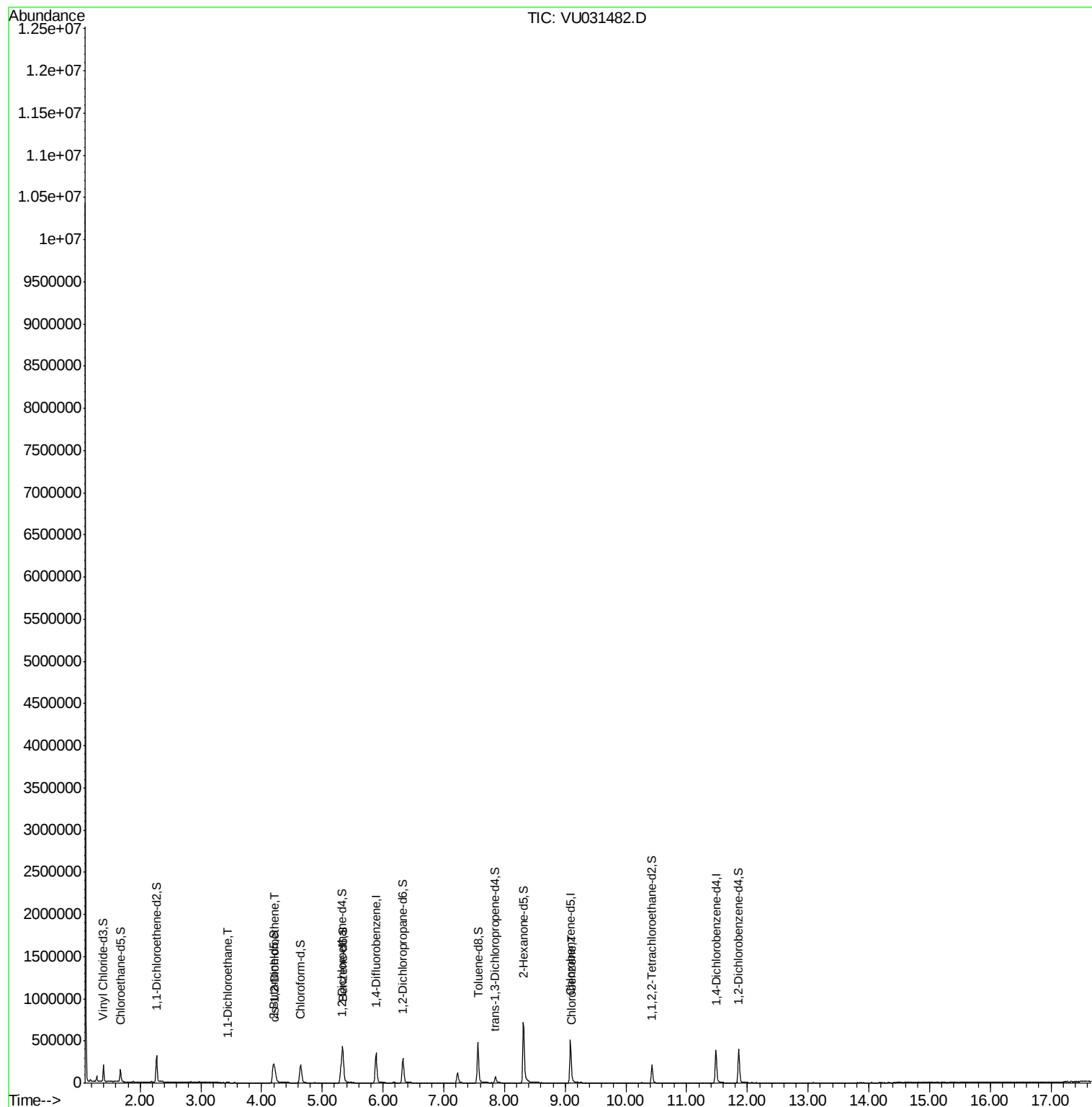
					Ovalue
19) 1,1-Dichloroethane	3.43	63	8181	0.198 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	44756	1.990 ug/L	97
51) Chlorobenzene	9.12	112	9137	0.164 ug/L	88

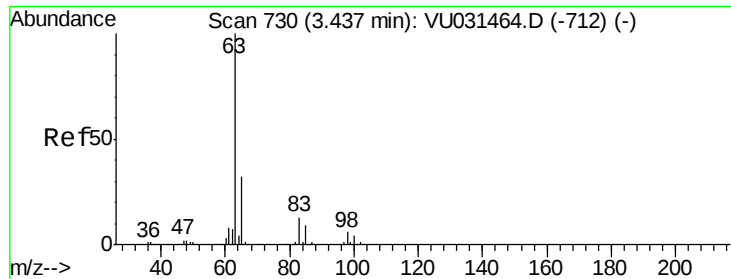
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.198 ug/L

RT: 3.43 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU031482.D

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Instrument :

MSVOA_U

ClientSampleId :

GAHZ1

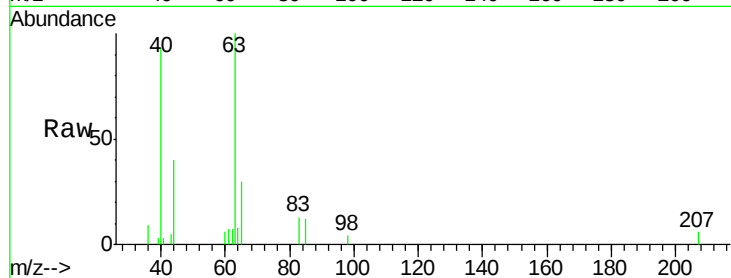
Tot Ion: 63 Resp: 8181

Ion Ratio Lower Upper

63 100

65 30.3 22.3 41.5

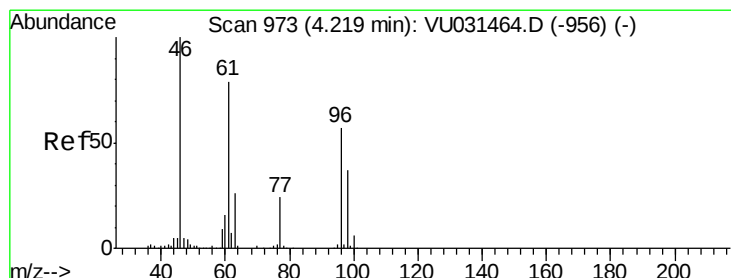
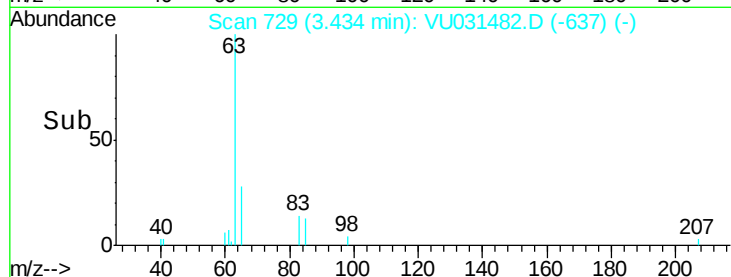
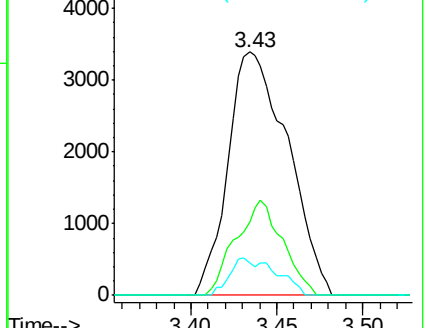
83 13.1 8.5 15.9



Abundance Ion 63.10 (62.80 to 63.80): VU031482.D (-637) (-)

Ion 65.10 (64.80 to 65.80): VU031482.D (-637) (-)

Ion 83.05 (82.75 to 83.75): VU031482.D (-637) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.990 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031482.D

Acq: 24 Apr 2019 19:56

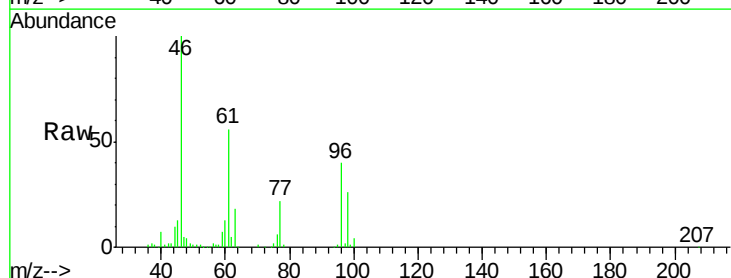
Tgt Ion: 96 Resp: 44756

Ion Ratio Lower Upper

96 100

61 139.3 94.8 176.2

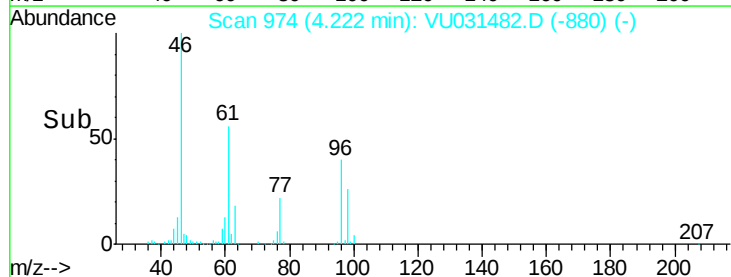
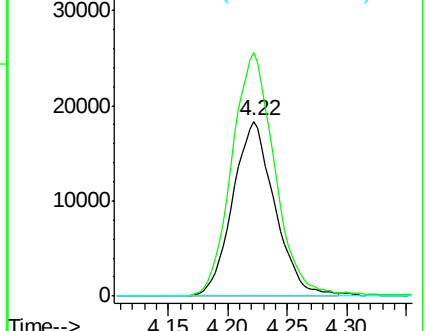
68 0.0 0.0 0.0

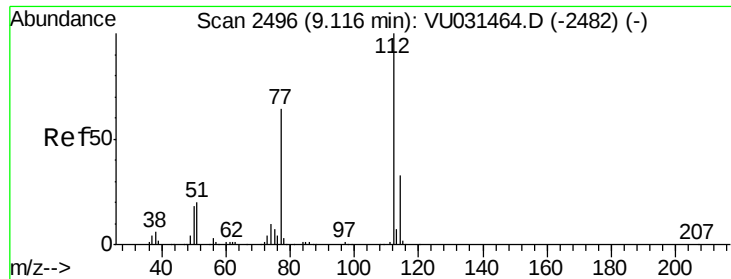


Abundance Ion 96.00 (95.70 to 96.70): VU031482.D (-880) (-)

Ion 61.05 (60.75 to 61.75): VU031482.D (-880) (-)

Ion 68.15 (67.85 to 68.85): VU031482.D (-880) (-)





#51
 Chlorobenzene
 Concen: 0.164 ug/L
 RT: 9.12 min Scan# 2496
 Delta R.T. 0.00 min
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Tot Ion	Ion	Ratio	Lower	Upper
112	100			
114	37.3	21.9	40.7	
77	70.5	48.9	73.3	

