

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031124.D
 Acq On : 12 Apr 2019 12:50
 Operator : JC/SP
 Sample : K2353-09DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 116 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ65DL

Quant Time: Apr 13 00:30:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	521812	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	501363	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211967	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	219692	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.32%
7) Chloroethane-d5	1.68	69	163374	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.42%
11) 1,1-Dichloroethene-d2	2.27	63	280117	33.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.50%
21) 2-Butanone-d5	4.17	46	302029	81.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.81%
24) Chloroform-d	4.64	84	315933	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.30	65	219884	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
32) Benzene-d6	5.33	84	667691	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.24%
36) 1,2-Dichloropropane-d6	6.32	67	222781	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.84%
41) Toluene-d8	7.56	98	567181	43.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.44%
43) trans-1,3-Dichloropropene-	7.85	79	93746	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.98%
47) 2-Hexanone-d5	8.31	63	176714	77.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294060	43.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	205014	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%

Target Compounds

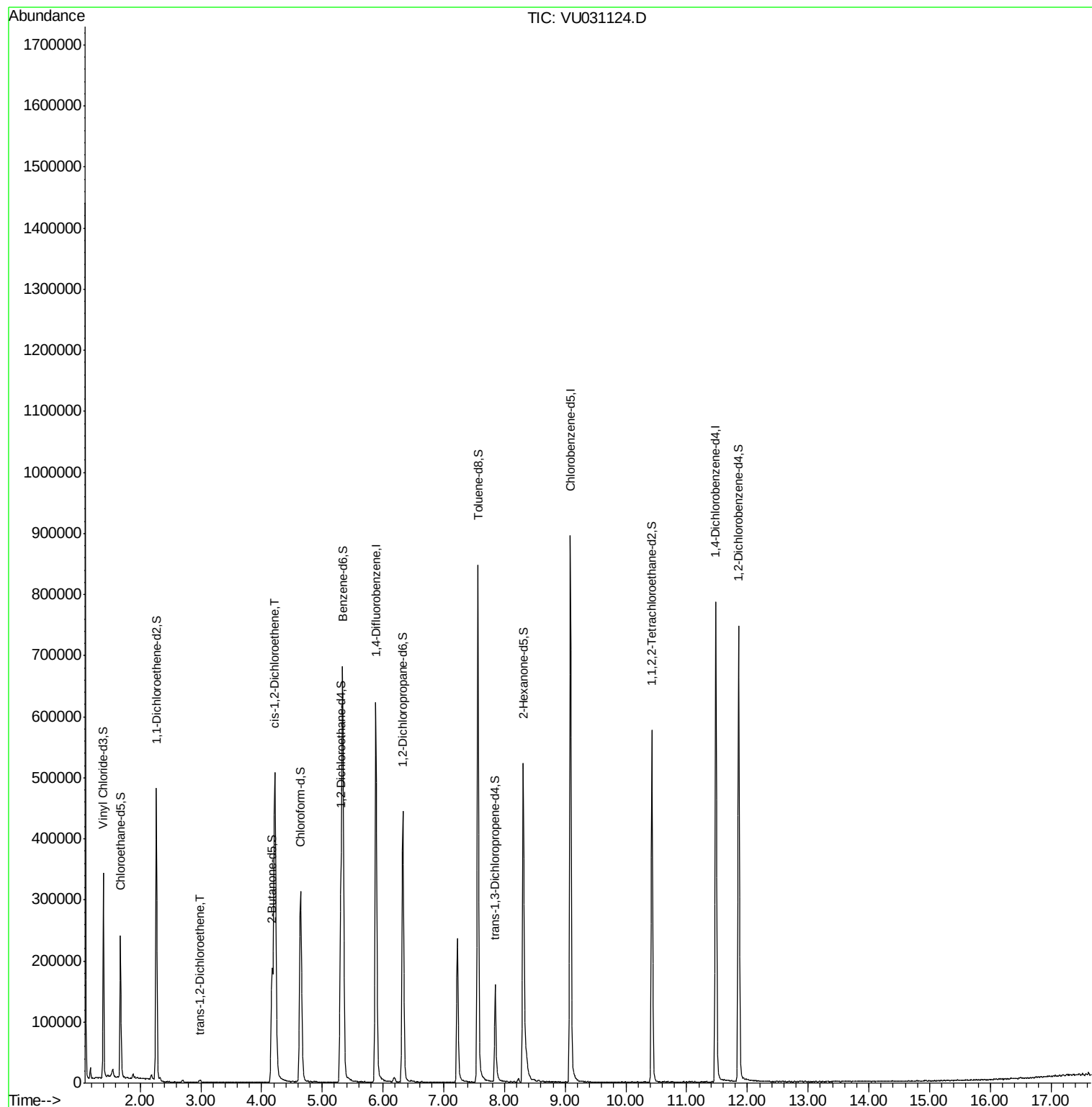
					Ovalue
17) trans-1,2-Dichloroethene	2.98	96	1560	0.407 ug/L	84
20) cis-1,2-Dichloroethene	4.22	96	276994	65.501 ug/L	90

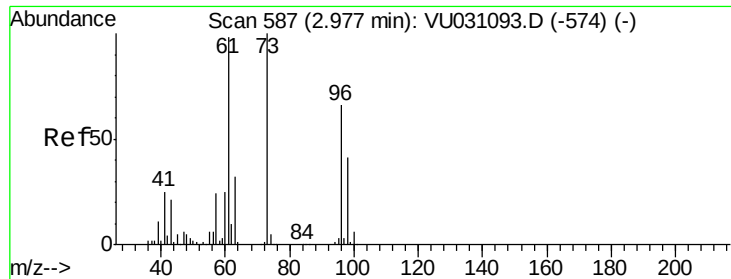
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 0.407 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU031124.D

Acq: 12 Apr 2019 12:50

Instrument :

MSVOA_U

ClientSampled :

ETJ65DL

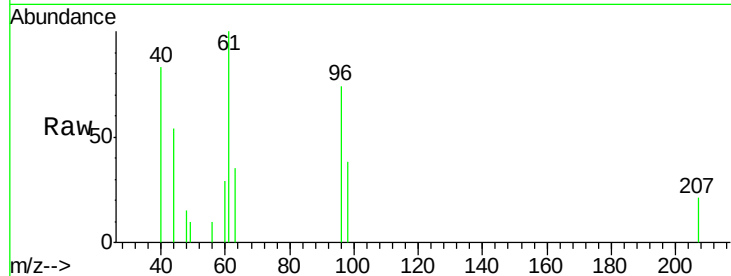
Tot Ion: 96 Resp: 1560

Ion Ratio Lower Upper

96 100

61 134.7 109.5 203.3

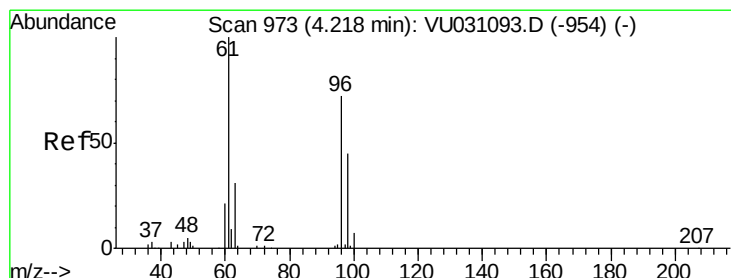
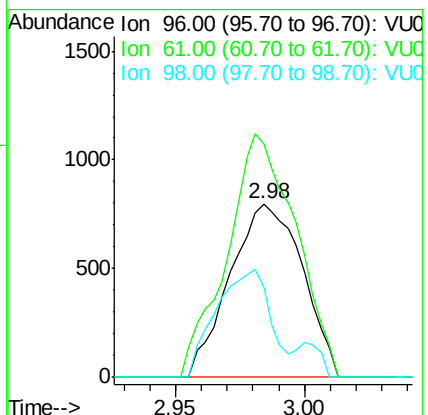
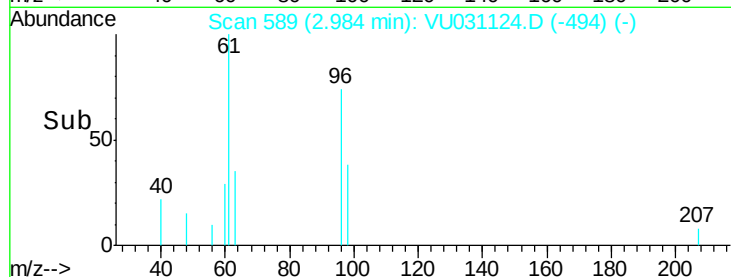
98 51.6 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU031124.D (-494) (-)

Ion 61.00 (60.70 to 61.70): VU031124.D (-494) (-)

Ion 98.00 (97.70 to 98.70): VU031124.D (-494) (-)



#20

cis-1,2-Dichloroethene

Concen: 65.501 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU031124.D

Acq: 12 Apr 2019 12:50

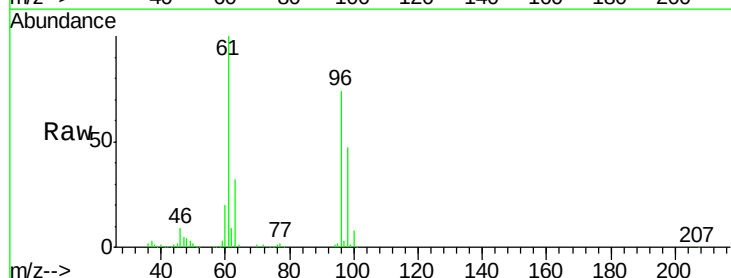
Tgt Ion: 96 Resp: 276994

Ion Ratio Lower Upper

96 100

61 134.9 102.9 191.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031124.D (-880) (-)

Ion 61.00 (60.70 to 61.70): VU031124.D (-880) (-)

Ion 68.00 (67.70 to 68.70): VU031124.D (-880) (-)

