

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025440.D
 Acq On : 16 Jul 2018 21:46
 Operator : MD/SY
 Sample : J3984-05DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB178DL

Quant Time: Jul 17 09:14:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:54:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	331421	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	298967	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133001	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69792	39.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.32%
7) Chloroethane-d5	1.67	69	65424	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.42%
11) 1,1-Dichloroethene-d2	2.27	63	116072	30.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.28%
21) 2-Butanone-d5	4.18	46	170754	94.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.83%
24) Chloroform-d	4.65	84	182840	43.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.48%
26) 1,2-Dichloroethane-d4	5.31	65	128892	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.36%
32) Benzene-d6	5.35	84	344808	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
36) 1,2-Dichloropropane-d6	6.33	67	117378	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.62%
41) Toluene-d8	7.57	98	322698	43.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.44%
43) trans-1,3-Dichloropropene-	7.85	79	50206	40.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.46%
47) 2-Hexanone-d5	8.31	63	128977	99.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.51%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	172315	46.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	130379	46.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.84%

Target Compounds

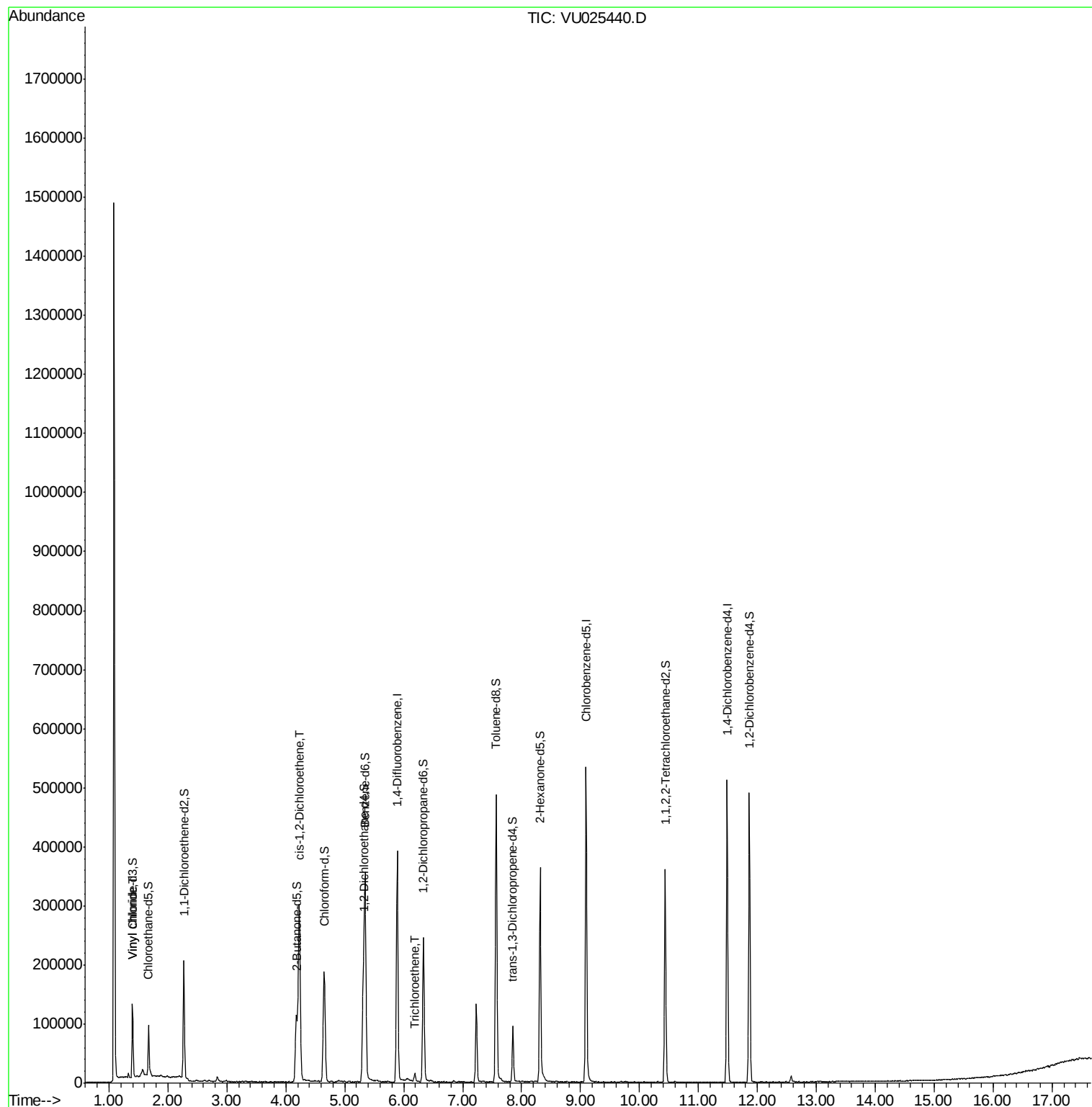
					Ovalue
5) Vinyl chloride	1.40	62	14701	5.81	ug/L 90
20) cis-1,2-Dichloroethene	4.23	96	162239	63.80	ug/L 100
34) Trichloroethene	6.19	95	4762	2.04	ug/L 87

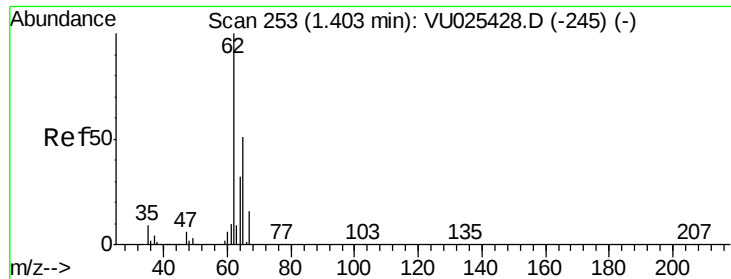
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.81 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025440.D

Acq: 16 Jul 2018 21:46

Instrument :

MSVOA_U

ClientSampleId :

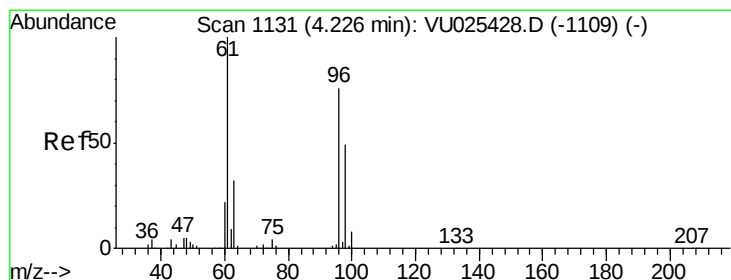
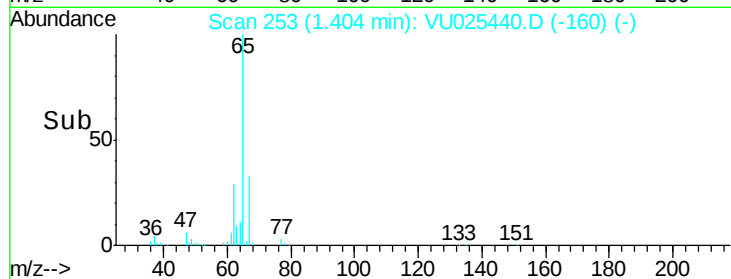
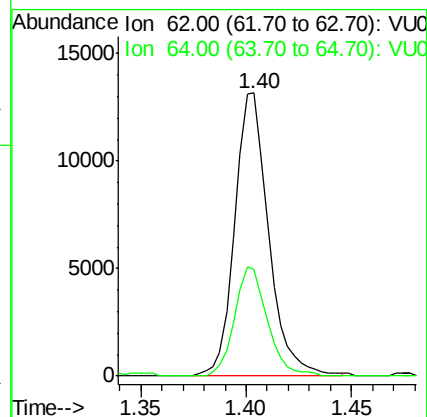
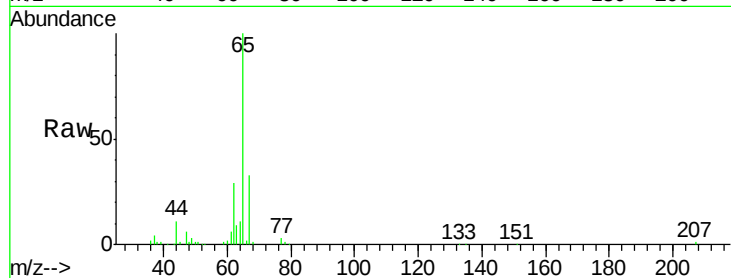
DB178DL

Tot Ion: 62 Resp: 14701

Ion Ratio Lower Upper

62 100

64 37.8 22.6 42.0



#20

cis-1,2-Dichloroethene

Concen: 63.80 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

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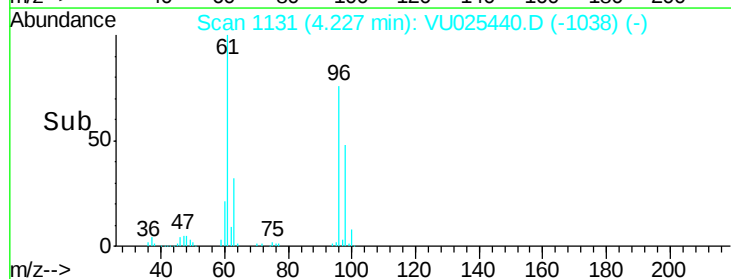
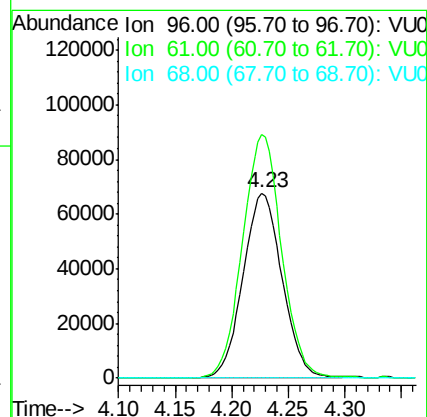
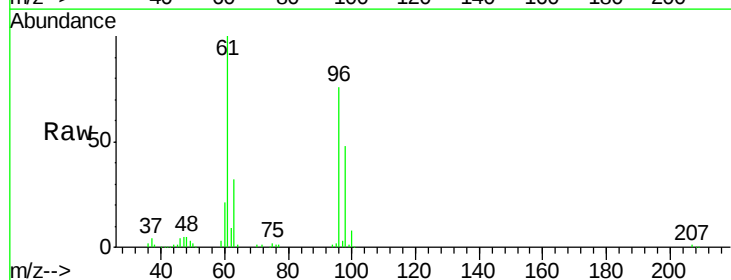
Tgt Ion: 96 Resp: 162239

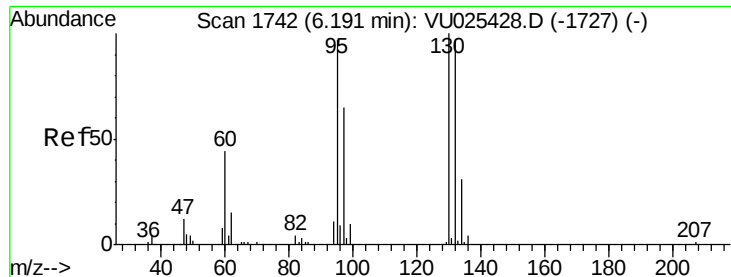
Ion Ratio Lower Upper

96 100

61 131.4 92.0 170.9

68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 2.04 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
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Tot Ion:	95	Resp:	4762
Ion	Ratio	Lower	Upper
95	100		
97	49.9	44.3	82.3
132	88.4	69.6	129.2
130	117.1	72.4	134.5

