

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080619\
 Data File : VU033609.D
 Acq On : 06 Aug 2019 15:24
 Operator : JC/SP
 Sample : K4187-02DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9G6DL

Quant Time: Aug 07 05:59:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 07 05:27:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	303316	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	304108	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	135757	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	99391	51.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.54%
7) Chloroethane-d5	1.67	69	91603	42.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.26	63	132010	35.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.34%
21) 2-Butanone-d5	4.15	46	176206	112.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.21%
24) Chloroform-d	4.62	84	183634	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
26) 1,2-Dichloroethane-d4	5.29	65	123411	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.06%
32) Benzene-d6	5.32	84	358808	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
36) 1,2-Dichloropropane-d6	6.31	67	122883	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.26%
41) Toluene-d8	7.55	98	304627	44.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.04%
43) trans-1,3-Dichloropropene-	7.83	79	53653	45.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.64%
47) 2-Hexanone-d5	8.29	63	123739	106.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.30%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	195588	53.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	132659	54.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.82%

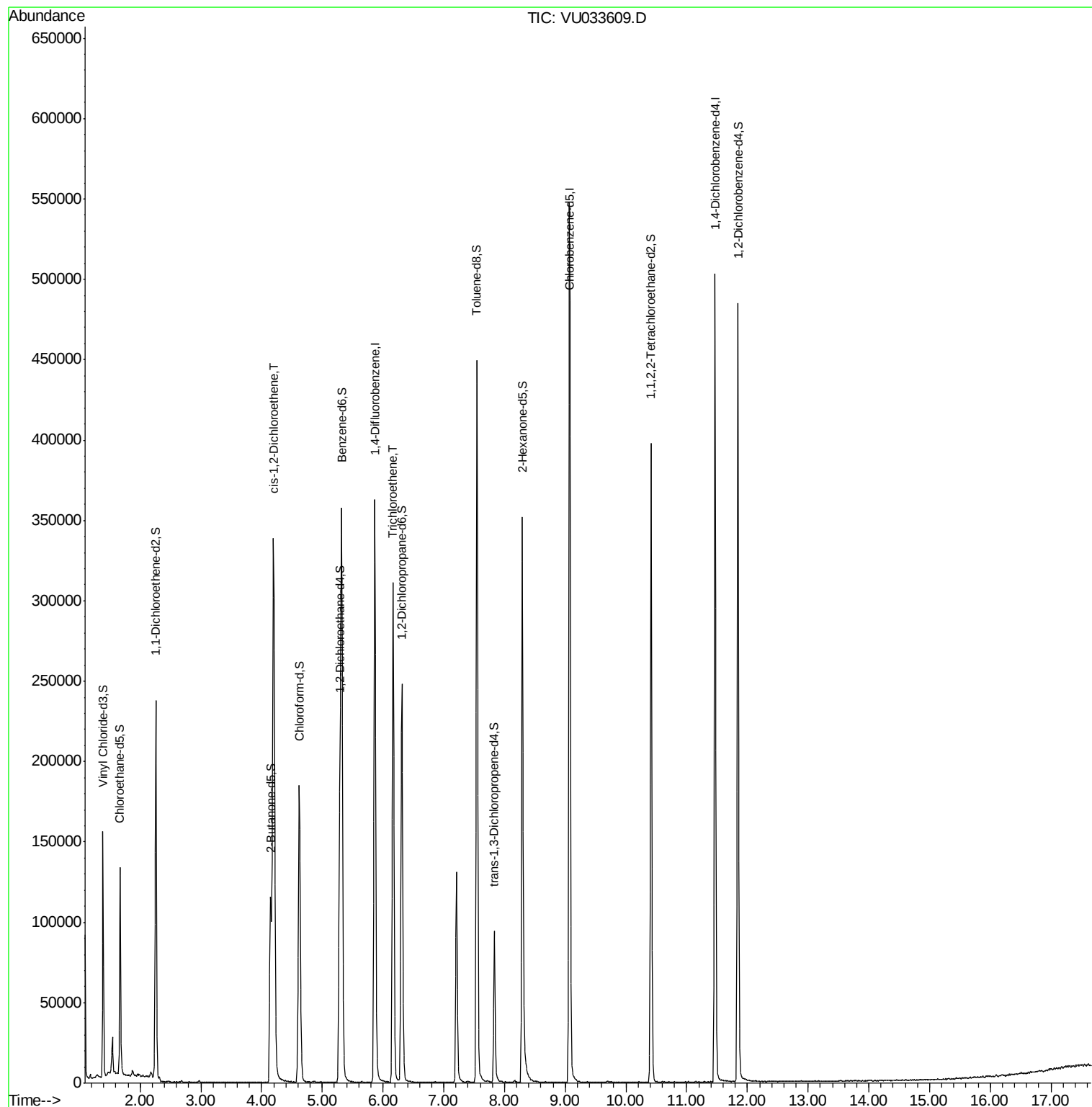
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	190071	81.534 ug/L	99
34) Trichloroethene	6.16	95	106789	45.798 ug/L	98

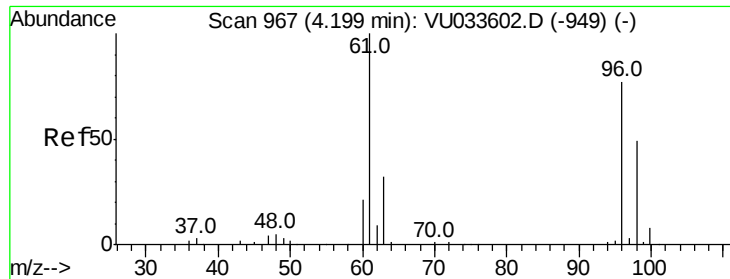
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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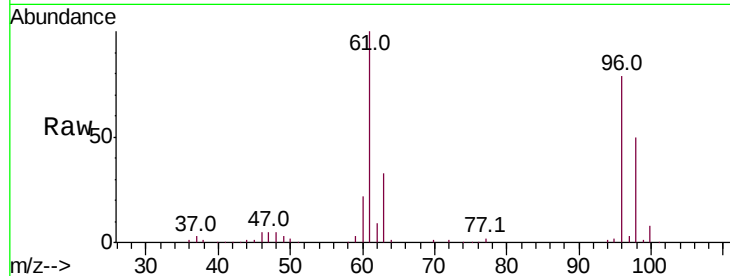


#20

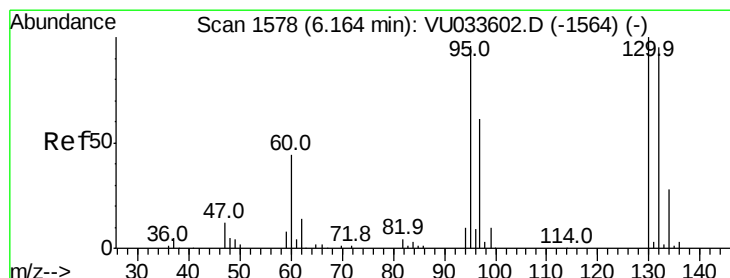
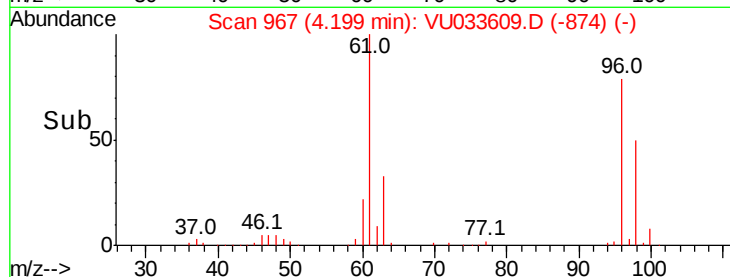
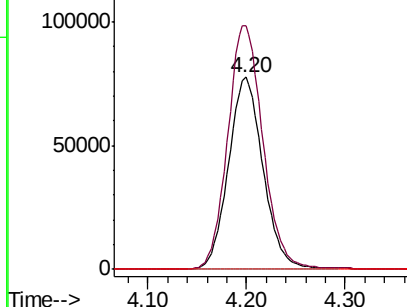
cis-1,2-Dichloroethene
Concen: 81.534 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033609.D
Acq: 06 Aug 2019 15:24

Instrument :
MSVOA_U
ClientSampled :
DB9G6DL

Tot Ion: 96 Resp: 190071
Ion Ratio Lower Upper
96 100
61 126.7 88.2 163.8
68 0.0 0.0 0.0



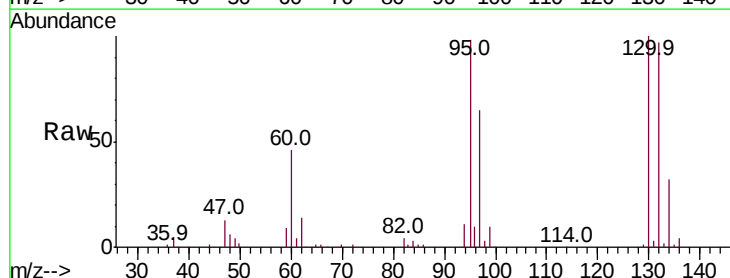
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene
Concen: 45.798 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033609.D
Acq: 06 Aug 2019 15:24

Tgt Ion: 95 Resp: 106789
Ion Ratio Lower Upper
95 100
97 66.1 43.8 81.4
132 99.1 68.6 127.4
130 101.7 72.2 134.2



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

