

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073119\
 Data File : VU033520.D
 Acq On : 31 Jul 2019 13:02
 Operator : JC/SP
 Sample : K4103-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9D8

Quant Time: Aug 01 11:02:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 07:20:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	293094	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	292614	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	134471	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	112108	52.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.22%
7) Chloroethane-d5	1.67	69	109217	59.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.48%
11) 1,1-Dichloroethene-d2	2.26	63	151505	39.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.34%
21) 2-Butanone-d5	4.15	46	167863	118.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.93%
24) Chloroform-d	4.62	84	198451	55.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.12%
26) 1,2-Dichloroethane-d4	5.29	65	129332	57.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.34%
32) Benzene-d6	5.32	84	403110	55.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.14%
36) 1,2-Dichloropropane-d6	6.31	67	129184	56.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.62%
41) Toluene-d8	7.55	98	357255	52.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.12%
43) trans-1,3-Dichloropropene-	7.83	79	58776	52.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.22%
47) 2-Hexanone-d5	8.30	63	121722	112.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.75%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	192129	54.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	142718	57.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.92%

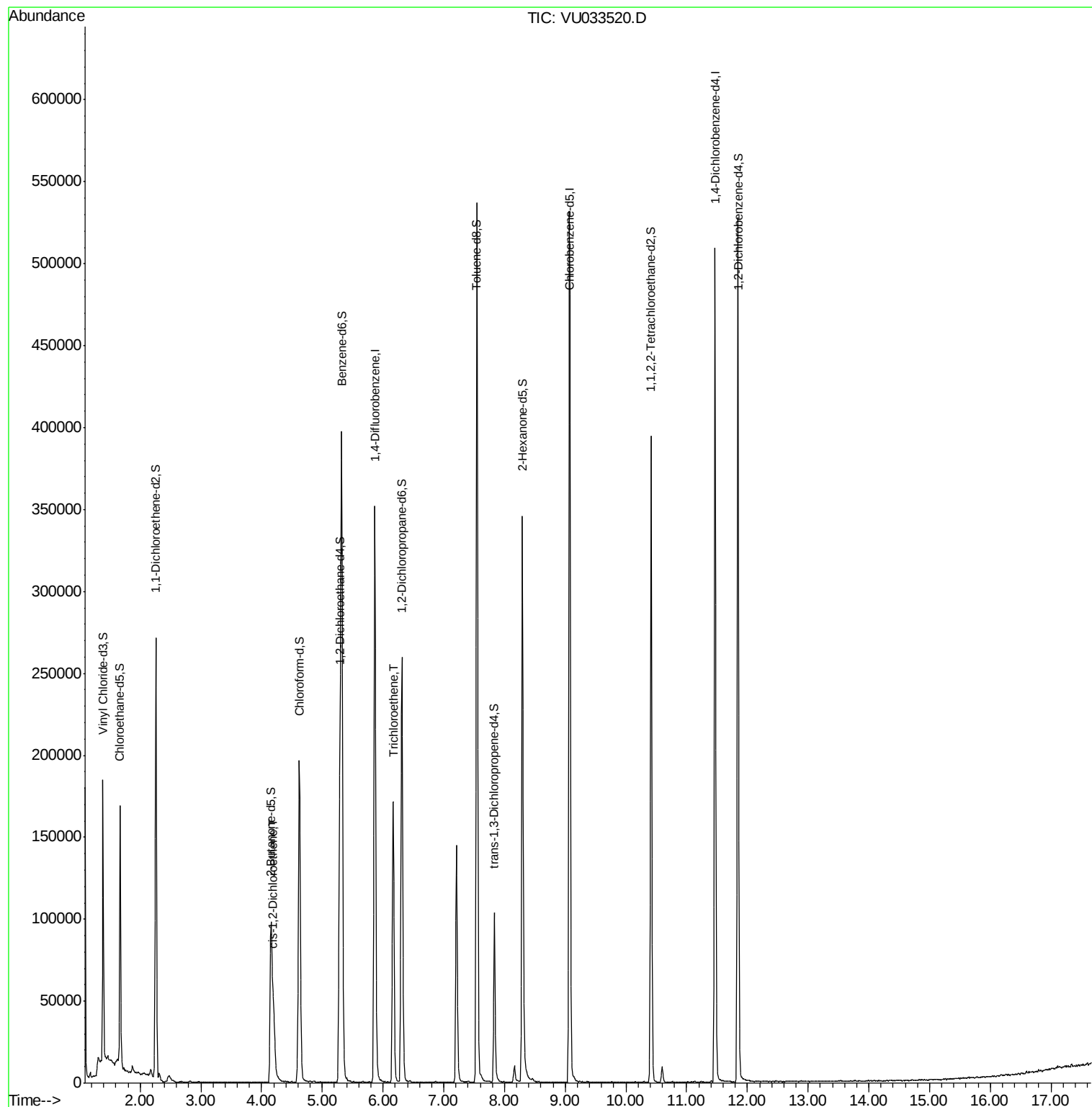
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	18179	8.145 ug/L	97
34) Trichloroethene	6.16	95	61036	27.411 ug/L	99

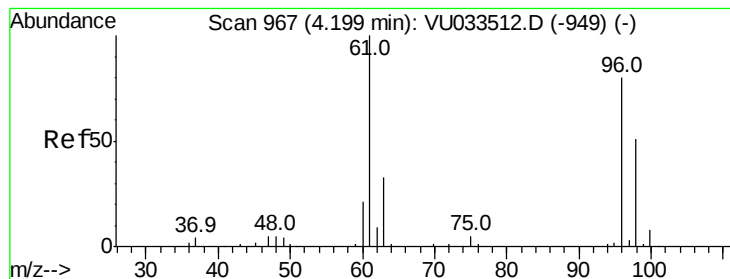
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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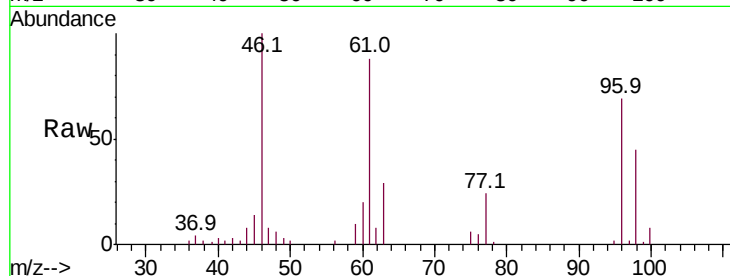


#20

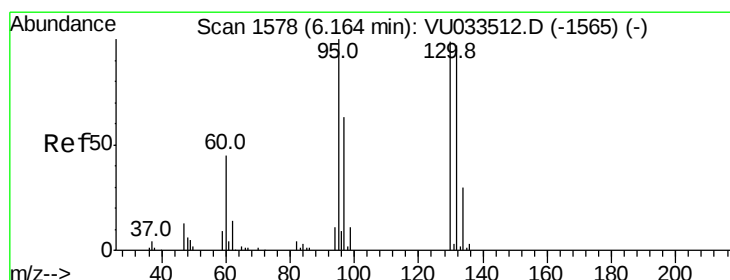
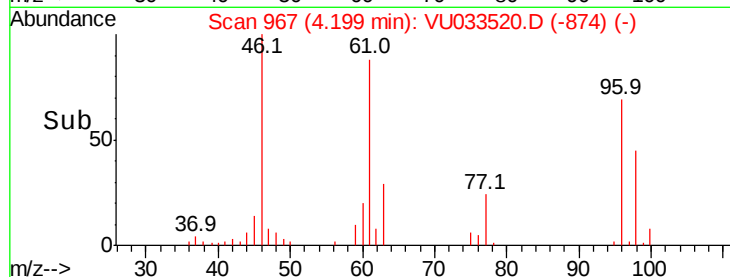
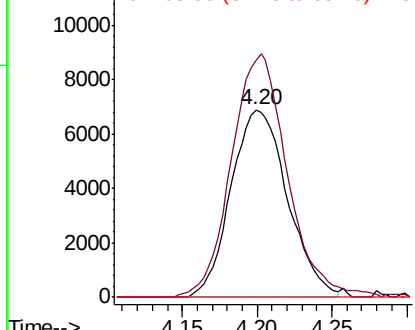
cis-1,2-Dichloroethene
 Concen: 8.145 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033520.D
 Acq: 31 Jul 2019 13:02

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9D8

Tot Ion: 96 Resp: 18179
 Ion Ratio Lower Upper
 96 100
 61 126.9 91.3 169.6
 68 0.0 0.0 0.0



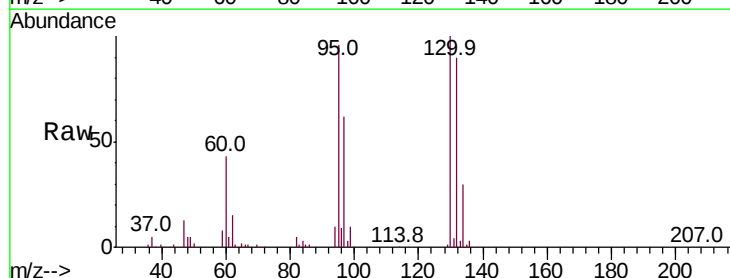
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene
 Concen: 27.411 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU033520.D
 Acq: 31 Jul 2019 13:02

Tgt Ion: 95 Resp: 61036
 Ion Ratio Lower Upper
 95 100
 97 64.5 44.7 83.1
 132 94.4 66.8 124.0
 130 104.7 71.6 133.0



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

