

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080119\
 Data File : VU033548.D
 Acq On : 01 Aug 2019 14:47
 Operator : JC/SP
 Sample : K4103-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9F5

Quant Time: Aug 02 02:47:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 02:28:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	292457	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	289342	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	132000	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	93464	43.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.90%
7) Chloroethane-d5	1.67	69	86123	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.42%
11) 1,1-Dichloroethene-d2	2.26	63	127923	33.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.30%
21) 2-Butanone-d5	4.15	46	166896	118.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.51%
24) Chloroform-d	4.62	84	184233	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.38%
26) 1,2-Dichloroethane-d4	5.29	65	121047	53.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.26%
32) Benzene-d6	5.32	84	363926	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
36) 1,2-Dichloropropane-d6	6.31	67	120268	53.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.98%
41) Toluene-d8	7.55	98	322166	47.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.86%
43) trans-1,3-Dichloropropene-	7.83	79	54713	49.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.10%
47) 2-Hexanone-d5	8.29	63	120832	113.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.19%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	186323	53.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	132790	54.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.88%

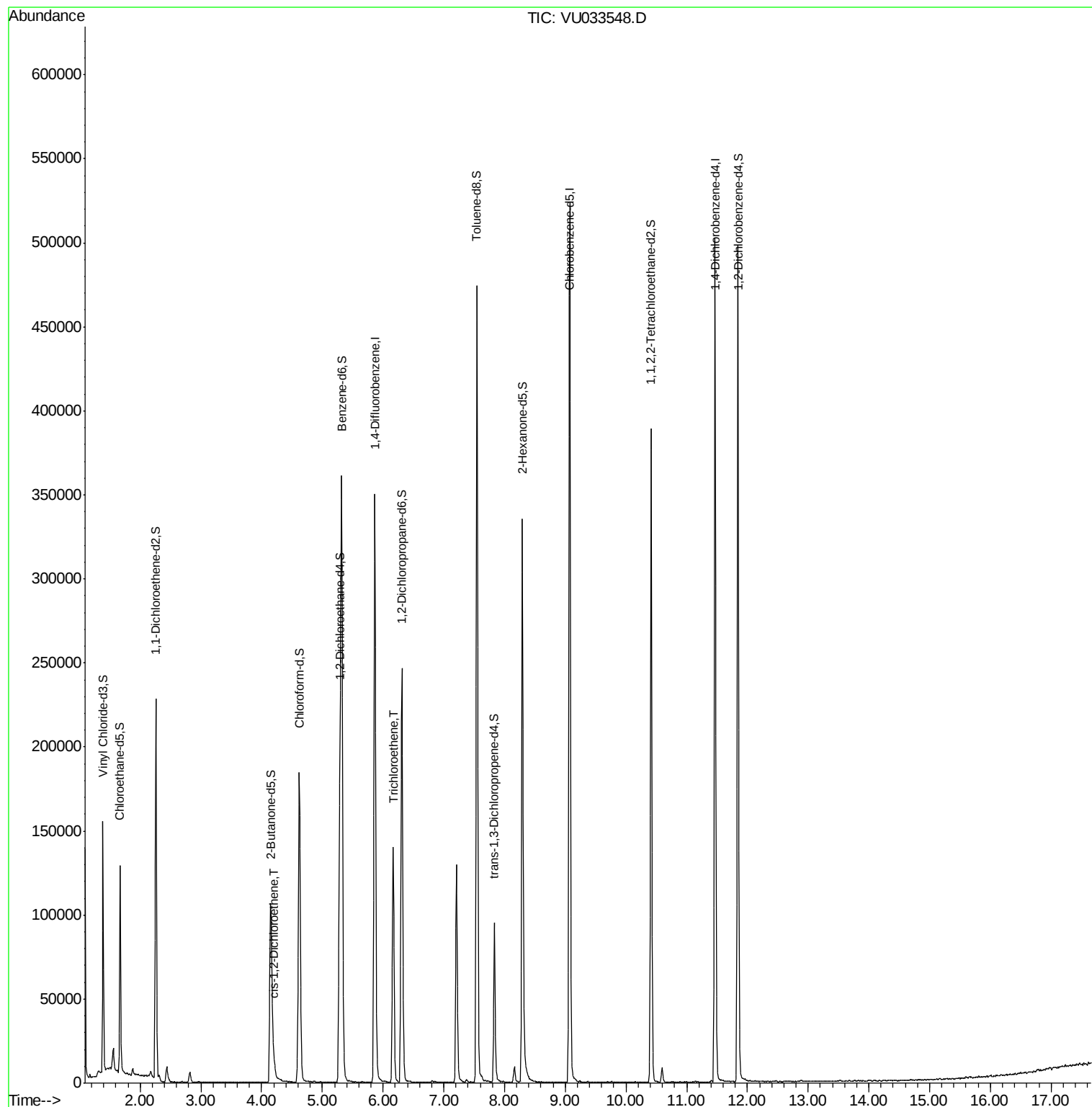
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	3086	1.386 ug/L	97
34) Trichloroethene	6.16	95	48983	22.247 ug/L	97

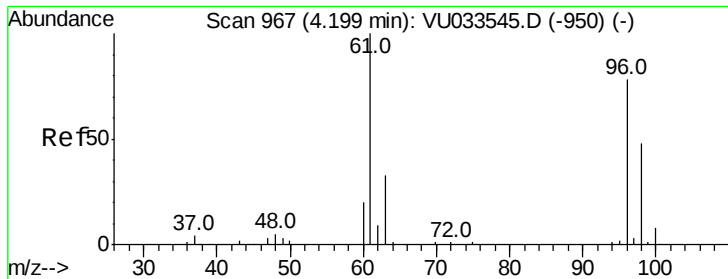
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080119\
Data File : VU033548.D
Acq On : 01 Aug 2019 14:47
Operator : JC/SP
Sample : K4103-14
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9F5

Quant Time: Aug 02 02:47:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 02 02:28:15 2019
Response via : Initial Calibration



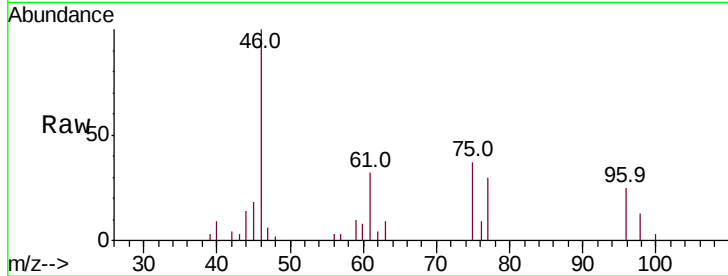


#20

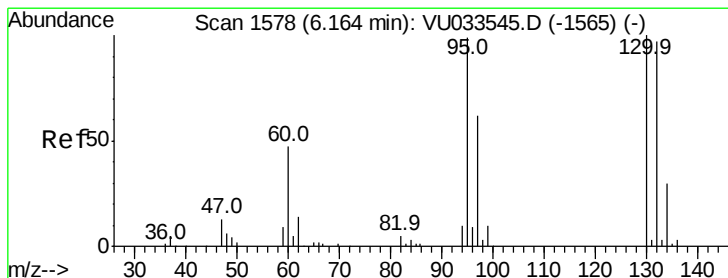
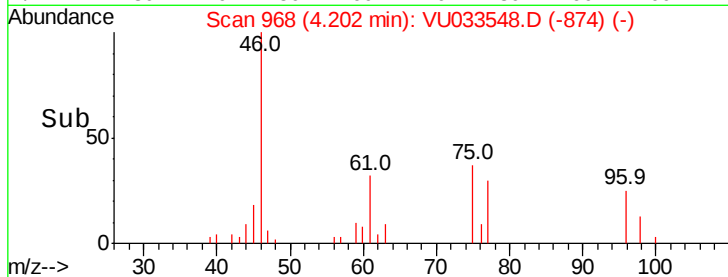
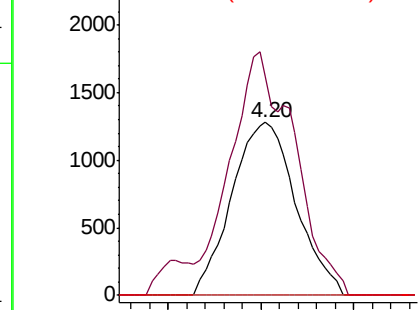
cis-1,2-Dichloroethene
 Concen: 1.386 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU033548.D
 Acq: 01 Aug 2019 14:47

Instrument :
 MSVOA_U
 ClientSampleID :
 DB9F5

Tot Ion: 96 Resp: 3086
 Ion Ratio Lower Upper
 96 100
 61 126.6 91.3 169.6
 68 0.0 0.0 0.0



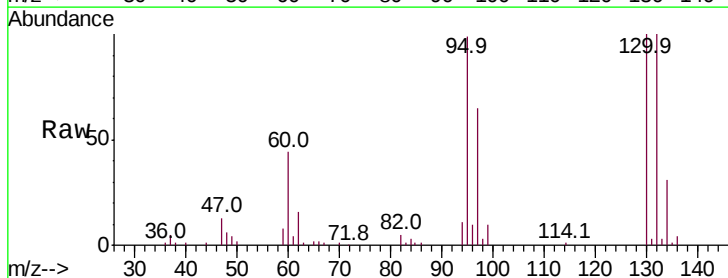
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene
 Concen: 22.247 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033548.D
 Acq: 01 Aug 2019 14:47

Tgt Ion: 95 Resp: 48983
 Ion Ratio Lower Upper
 95 100
 97 65.7 44.7 83.1
 132 100.8 66.8 124.0
 130 100.6 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

