

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073119\
 Data File : VU033508.D
 Acq On : 30 Jul 2019 22:15
 Operator : JC/SP
 Sample : K4103-02 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9D6

Quant Time: Jul 31 08:34:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 31 08:02:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	325648	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	317392	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	150842	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	101824	43.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.02%
7) Chloroethane-d5	1.67	69	90756	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.36%
11) 1,1-Dichloroethene-d2	2.26	63	141717	32.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.96%
21) 2-Butanone-d5	4.15	46	148224	94.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.52%
24) Chloroform-d	4.62	84	175126	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
26) 1,2-Dichloroethane-d4	5.29	65	115506	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
32) Benzene-d6	5.32	84	368628	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
36) 1,2-Dichloropropane-d6	6.31	67	116251	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.26%
41) Toluene-d8	7.55	98	332715	45.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.26%
43) trans-1,3-Dichloropropene-	7.83	79	52723	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.18%
47) 2-Hexanone-d5	8.30	63	107592	91.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.88%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	168312	44.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	130283	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%

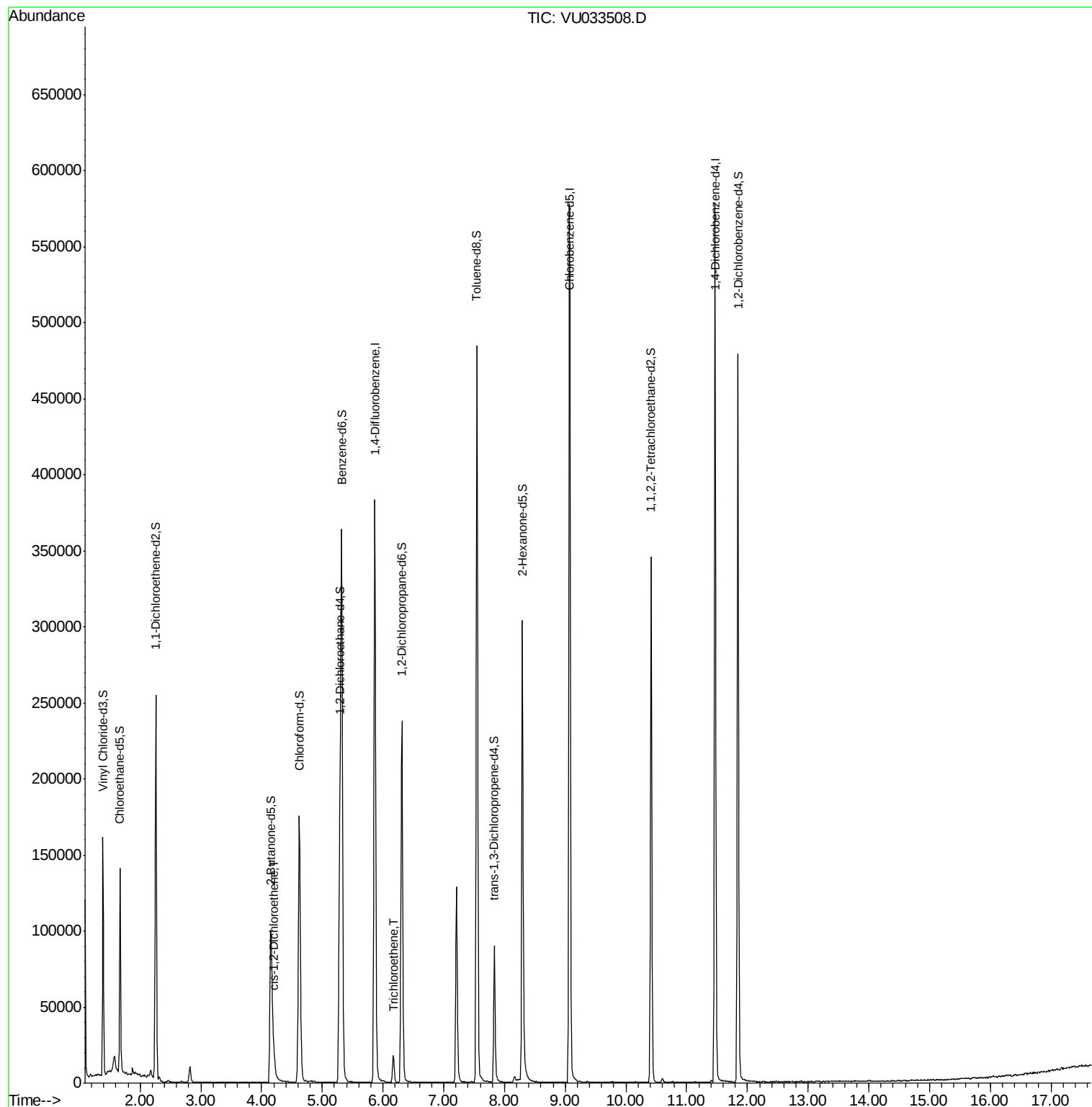
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	5937	2.394 ug/L	100
34) Trichloroethene	6.17	95	6397	2.649 ug/L	95

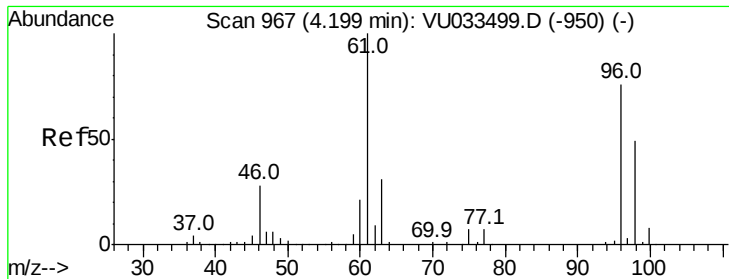
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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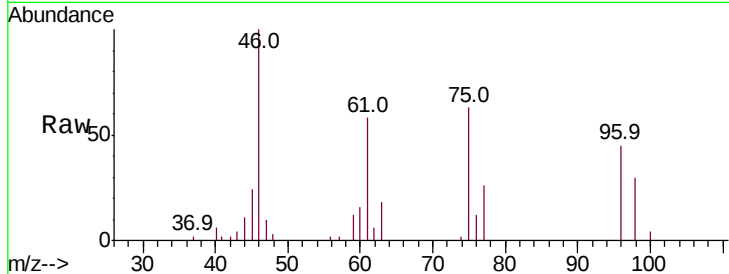


#20

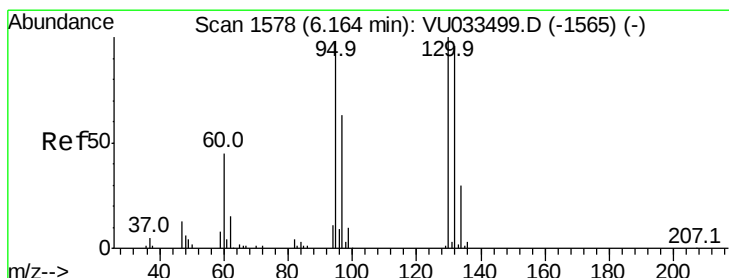
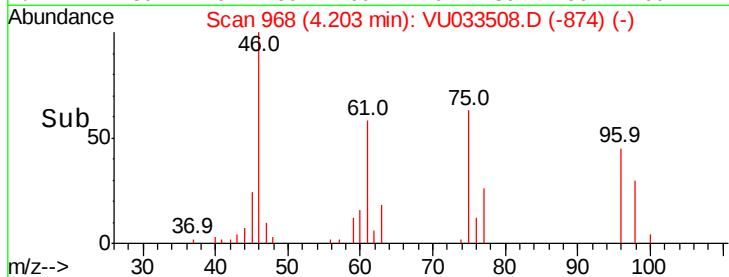
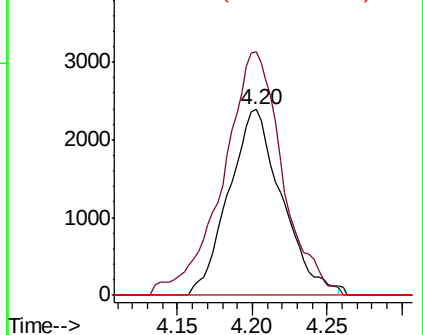
cis-1,2-Dichloroethene
 Concen: 2.394 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU033508.D
 Acq: 30 Jul 2019 22:15

Instrument :
 MSVOA_U
 ClientSampled :
 DB9D6

Tot Ion: 96 Resp: 5937
 Ion Ratio Lower Upper
 96 100
 61 131.0 91.3 169.6
 68 0.0 0.0 0.0



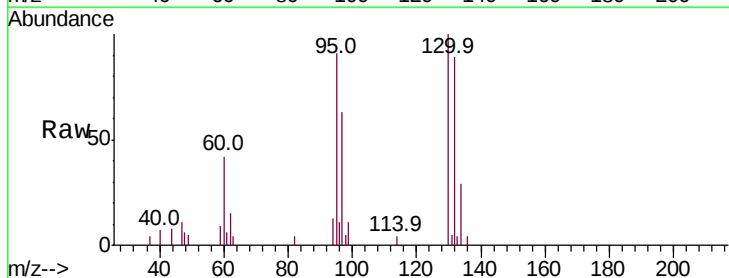
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene
 Concen: 2.649 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU033508.D
 Acq: 30 Jul 2019 22:15

Tgt Ion: 95 Resp: 6397
 Ion Ratio Lower Upper
 95 100
 97 69.4 44.7 83.1
 132 97.4 66.8 124.0
 130 109.8 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

