

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\
 Data File : VU033879.D
 Acq On : 21 Aug 2019 18:10
 Operator : JC/SP
 Sample : K4420-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2C04

Quant Time: Aug 22 07:38:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 07:18:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	402936	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	406536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	169552	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	165914	45.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.54%
7) Chloroethane-d5	1.67	69	150149	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.56%
11) 1,1-Dichloroethene-d2	2.25	63	214122	35.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.68%
21) 2-Butanone-d5	4.15	46	191898	100.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.94%
24) Chloroform-d	4.62	84	274918	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
26) 1,2-Dichloroethane-d4	5.28	65	179729	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
32) Benzene-d6	5.32	84	550225	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
36) 1,2-Dichloropropane-d6	6.31	67	179350	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.16%
41) Toluene-d8	7.55	98	480249	45.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.26%
43) trans-1,3-Dichloropropene-	7.83	79	73504	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.40%
47) 2-Hexanone-d5	8.29	63	128269	94.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.33%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	250406	49.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.14%
64) 1,2-Dichlorobenzene-d4	11.84	152	179145	53.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.02%

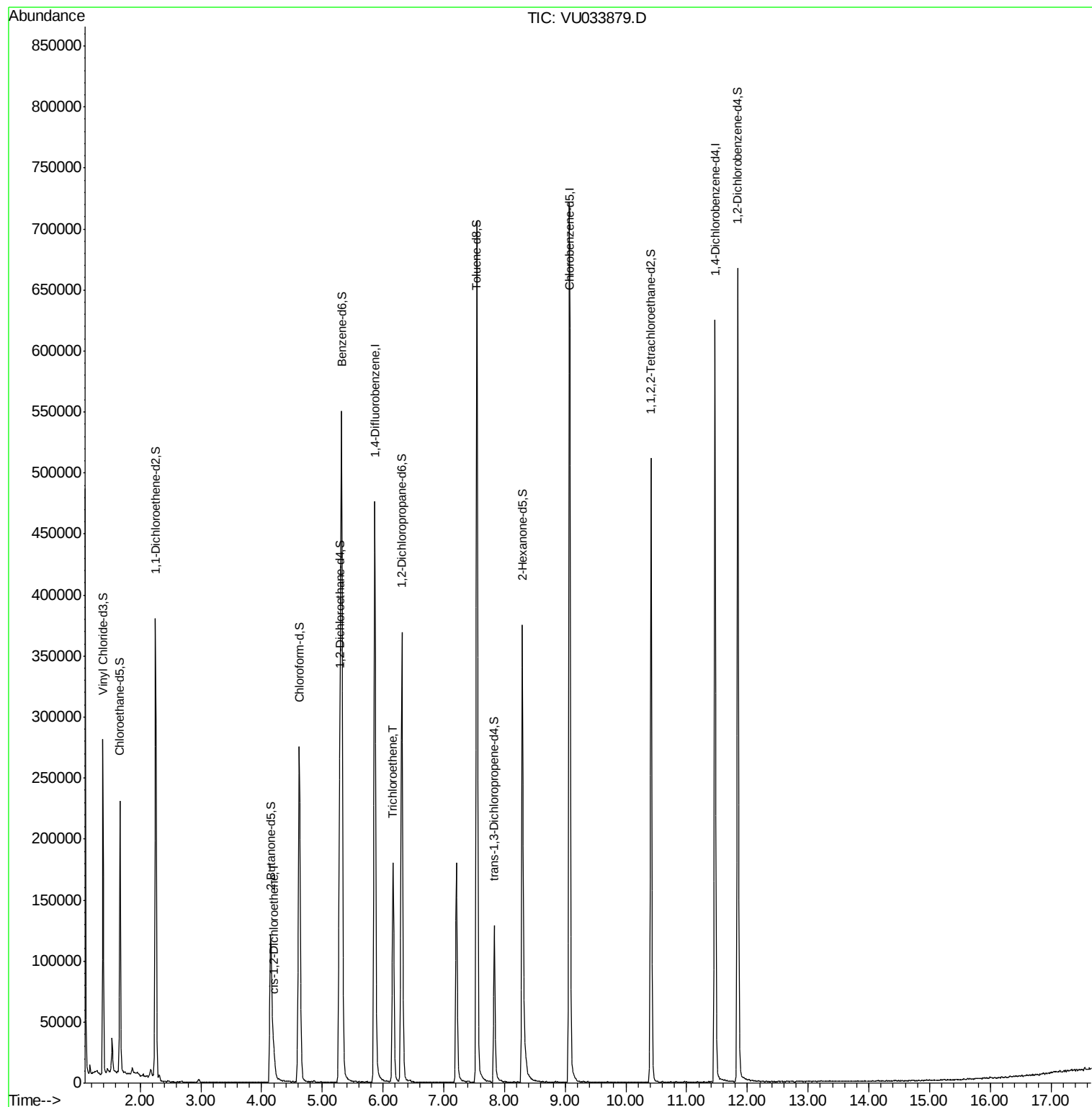
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	8844	2.816 ug/L	90
34) Trichloroethene	6.16	95	61971	18.908 ug/L	98

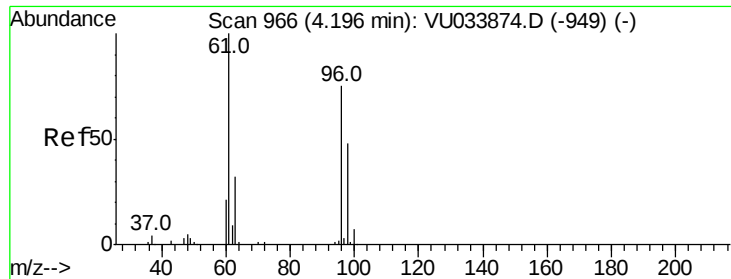
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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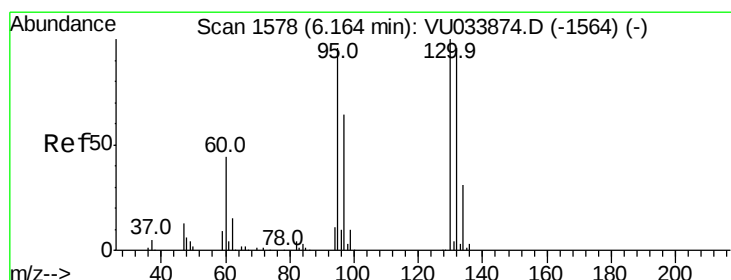
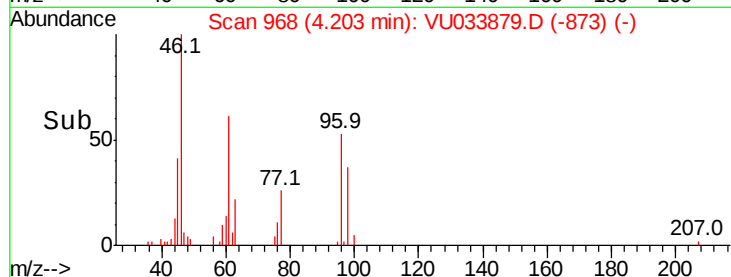
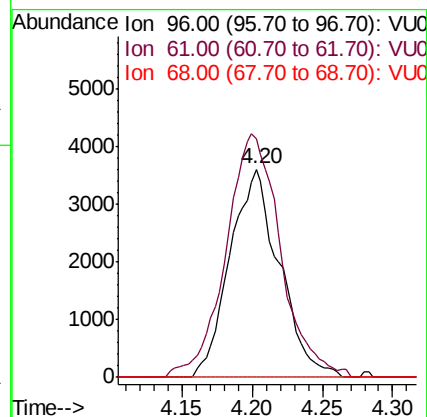
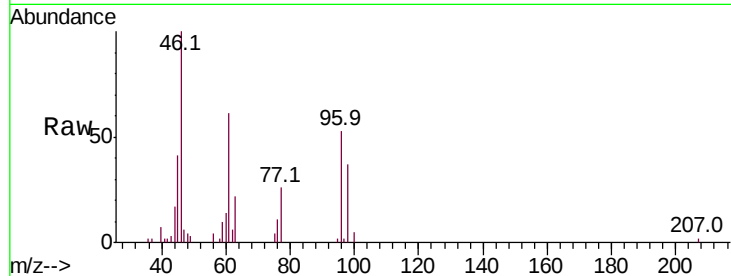




#20
 cis-1,2-Dichloroethene
 Concen: 2.816 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: VU033879.D
 Acq: 21 Aug 2019 18:10

Instrument :
 MSVOA_U
 ClientSampled :
 F2C04

Tot Ion: 96 Resp: 8844
 Ion Ratio Lower Upper
 96 100
 61 114.6 88.2 163.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 18.908 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU033879.D
 Acq: 21 Aug 2019 18:10

Tgt Ion: 95 Resp: 61971
 Ion Ratio Lower Upper
 95 100
 97 65.0 46.3 86.1
 132 98.2 67.9 126.1
 130 104.7 72.0 133.6

