

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073119\
 Data File : VU033532.D
 Acq On : 31 Jul 2019 18:00
 Operator : JC/SP
 Sample : K4103-09DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9E5DL

Quant Time: Aug 01 09:02:38 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	303488	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	304021	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	138593	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	104700	47.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.90%
7) Chloroethane-d5	1.67	69	92702	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.94%
11) 1,1-Dichloroethene-d2	2.26	63	143616	35.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.72%
21) 2-Butanone-d5	4.15	46	164528	112.58	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.58%
24) Chloroform-d	4.62	84	189460	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.44%
26) 1,2-Dichloroethane-d4	5.28	65	126606	54.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.10%
32) Benzene-d6	5.32	84	384488	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
36) 1,2-Dichloropropane-d6	6.31	67	125853	53.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.54%
41) Toluene-d8	7.55	98	346344	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%
43) trans-1,3-Dichloropropene-	7.83	79	55828	47.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.28%
47) 2-Hexanone-d5	8.29	63	120223	107.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.18%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	190999	52.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.86%
64) 1,2-Dichlorobenzene-d4	11.85	152	136469	53.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.54%

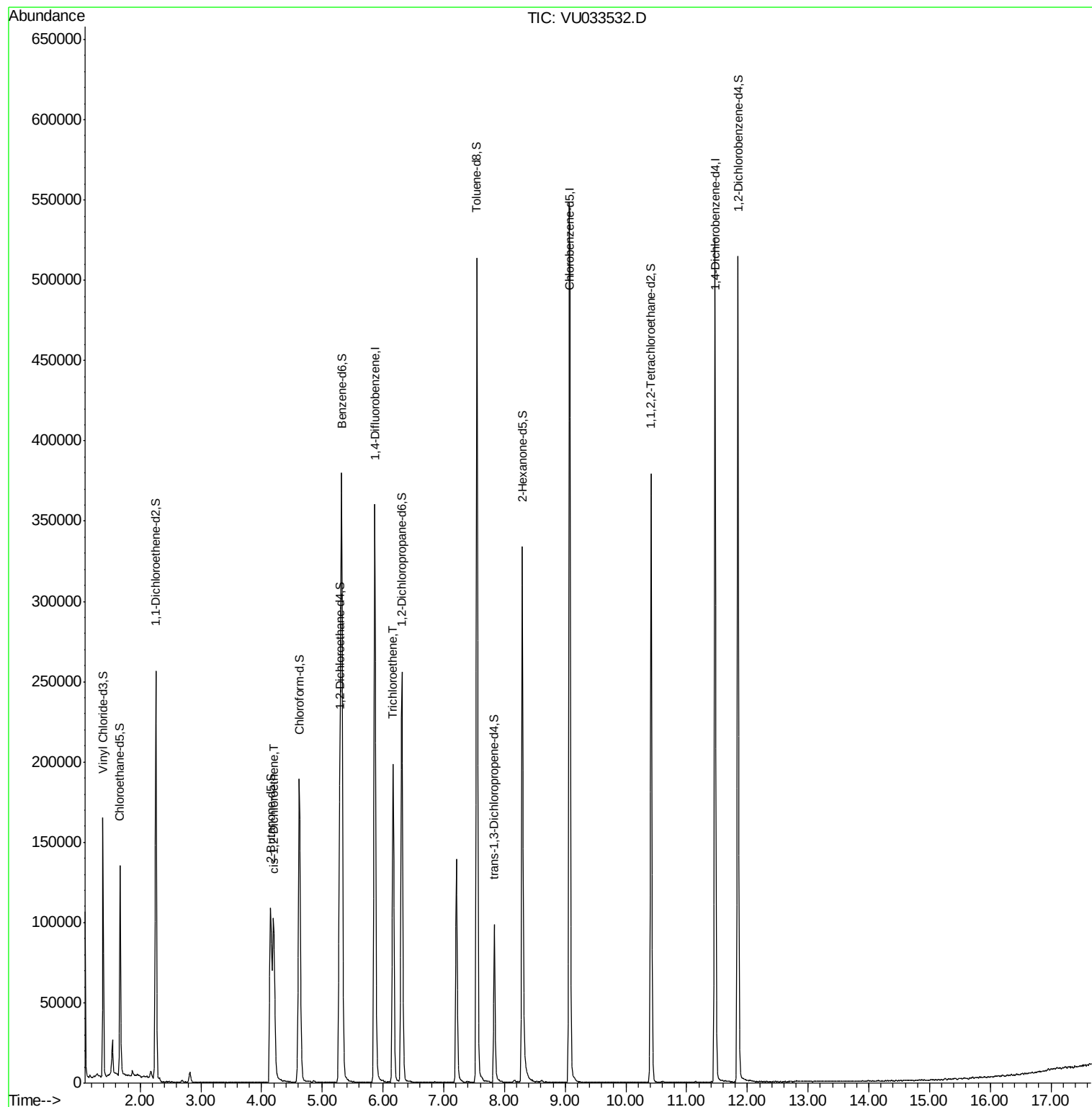
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	53883	23.314 ug/L	96
34) Trichloroethene	6.16	95	69897	30.212 ug/L	99

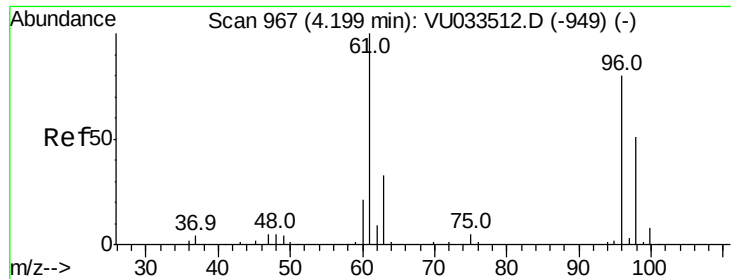
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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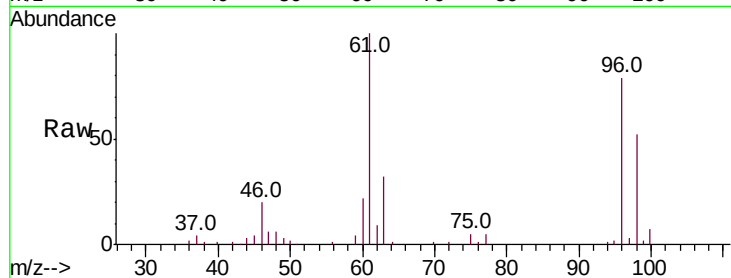




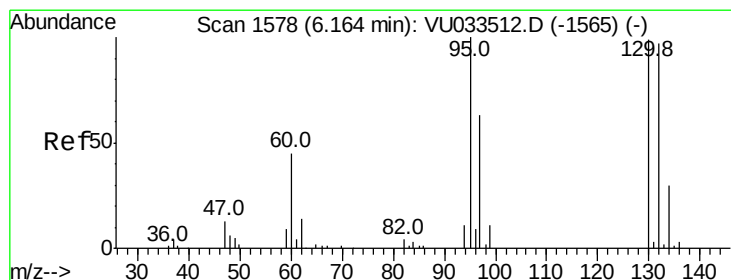
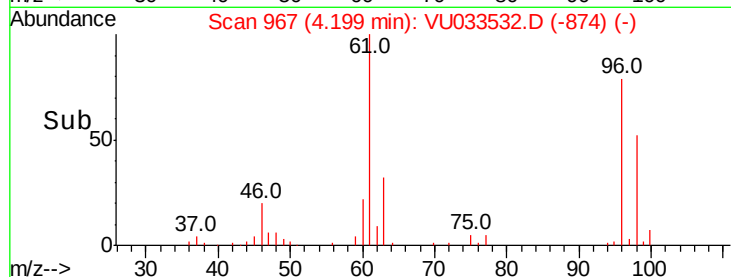
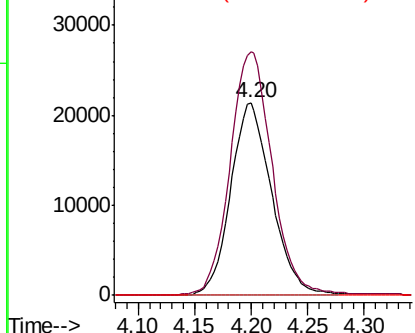
#20
 cis-1,2-Dichloroethene
 Concen: 23.314 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033532.D
 Acq: 31 Jul 2019 18:00

Instrument :
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Tot Ion: 96 Resp: 53883
 Ion Ratio Lower Upper
 96 100
 61 126.3 91.3 169.6
 68 0.0 0.0 0.0

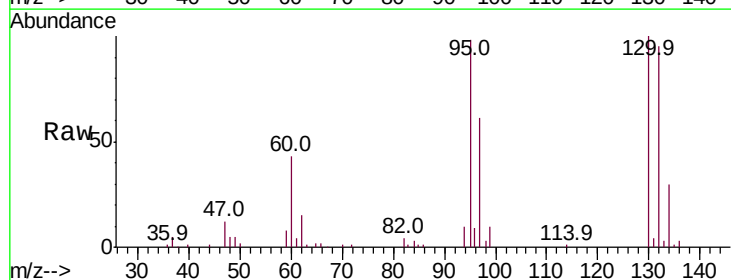


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



#34
 Trichloroethene
 Concen: 30.212 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
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 Acq: 31 Jul 2019 18:00

Tgt Ion: 95 Resp: 69897
 Ion Ratio Lower Upper
 95 100
 97 62.7 44.7 83.1
 132 97.0 66.8 124.0
 130 102.0 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

