

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051419\
 Data File : VU032002.D
 Acq On : 14 May 2019 18:13
 Operator : JC/SP
 Sample : K2692-14ME
 Misc : 5.63g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A5177ME

Quant Time: May 15 05:14:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 15 04:26:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1807059	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1763981	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	761338	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	372620	23.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	47.00%#
7) Chloroethane-d5	1.64	69	197016	15.35	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	30.70%#
11) 1,1-Dichloroethene-d2	2.23	63	569707	20.04	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	40.08%#
21) 2-Butanone-d5	4.19	46	633235	57.03	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	57.03%
24) Chloroform-d	4.64	84	700314	26.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	52.76%#
26) 1,2-Dichloroethane-d4	5.30	65	467026	27.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	55.88%#
32) Benzene-d6	5.33	84	1506783	29.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.00%#
36) 1,2-Dichloropropane-d6	6.32	67	506005	30.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	60.06%#
41) Toluene-d8	7.56	98	1318565	28.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	57.64%#
43) trans-1,3-Dichloropropene-	7.85	79	215860	29.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.08%#
47) 2-Hexanone-d5	8.32	63	447410	65.48	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	747107	29.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	59.92%#
64) 1,2-Dichlorobenzene-d4	11.86	152	484718	30.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	60.52%#

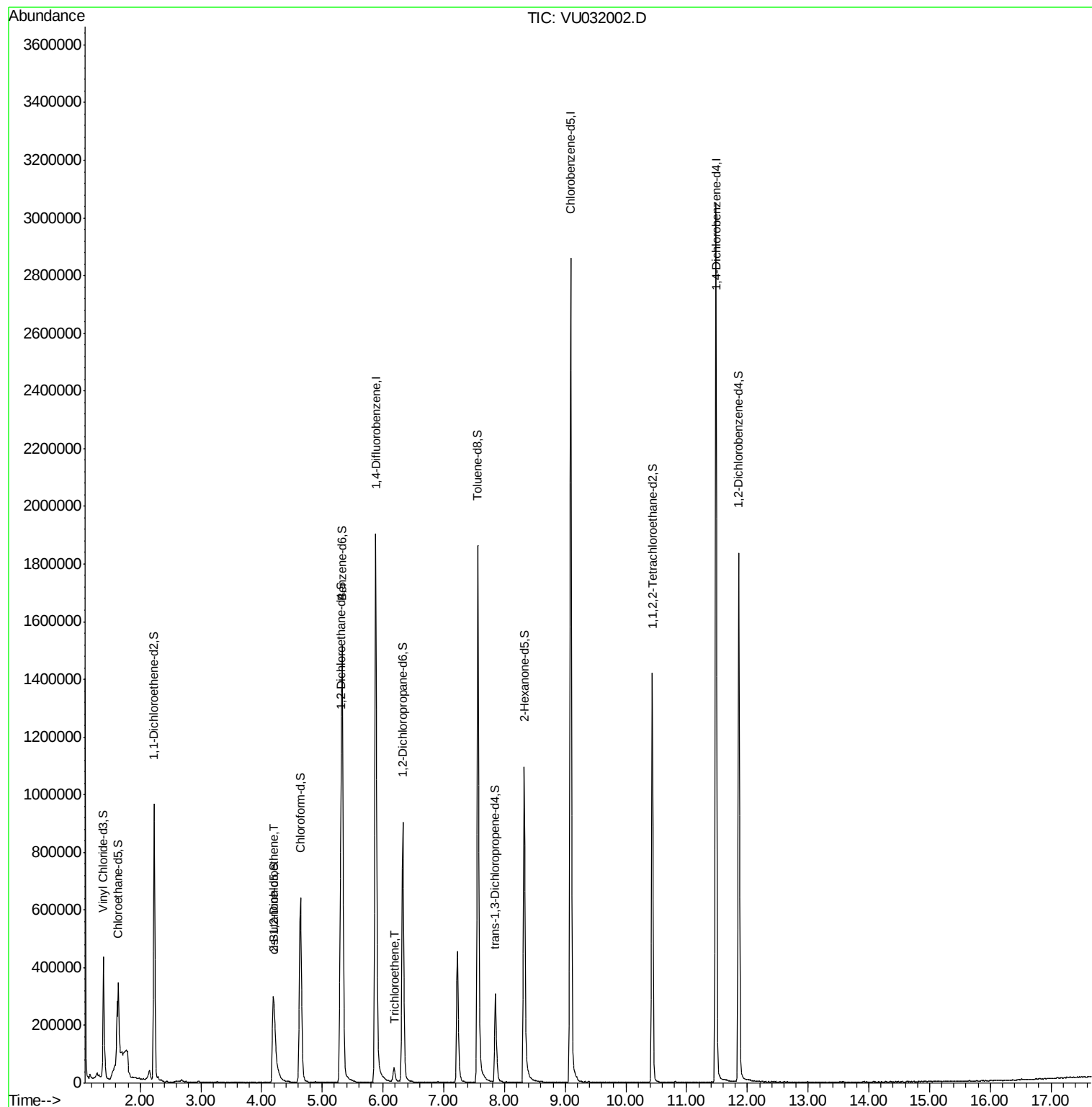
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.21	96	34016	2.215 ug/L	96
34) Trichloroethene	6.18	95	16532	1.155 ug/L	96

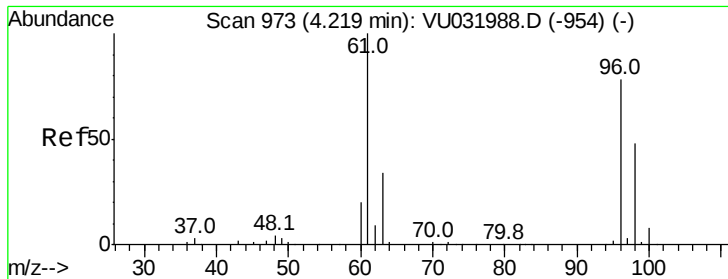
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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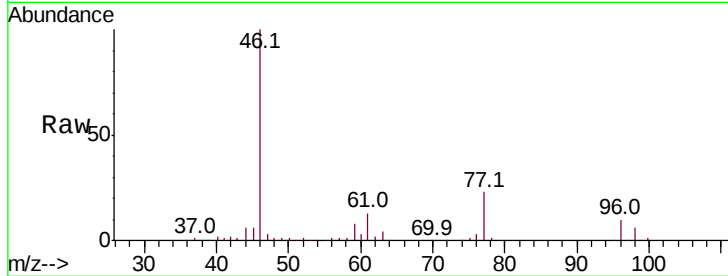


#20

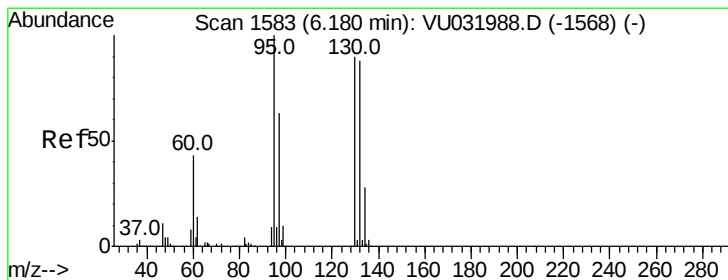
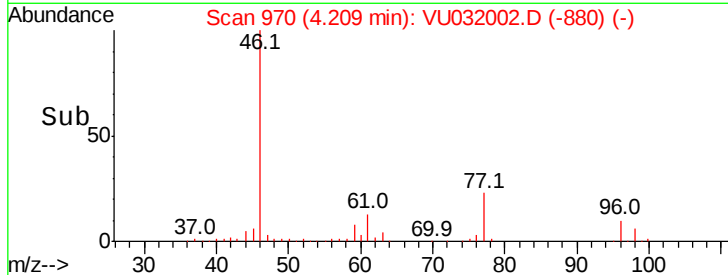
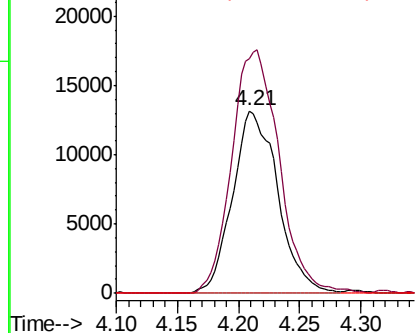
cis-1,2-Dichloroethene
Concen: 2.215 ug/L
RT: 4.21 min Scan# 970
Delta R.T. -0.01 min
Lab File: VU032002.D
Acq: 14 May 2019 18:13

Instrument :
MSVOA_U
ClientSampled :
A5177ME

Tot Ion: 96 Resp: 34016
Ion Ratio Lower Upper
96 100
61 128.7 93.0 172.8
68 0.0 0.0 0.0



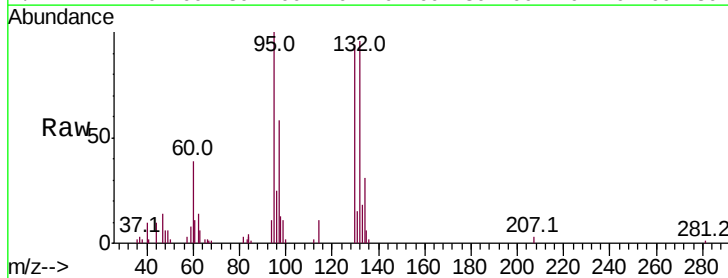
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene
Concen: 1.155 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032002.D
Acq: 14 May 2019 18:13

Tgt Ion: 95 Resp: 16532
Ion Ratio Lower Upper
95 100
97 58.4 44.9 83.3
132 96.4 63.5 117.9
130 93.6 66.2 123.0



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

