

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031719\
 Data File : VU030148.D
 Acq On : 16 Mar 2019 16:32
 Operator : JC/SP
 Sample : K1939-17DL 10X
 Misc : 5.35/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Y0DL

Quant Time: Mar 18 05:36:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 04:23:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	569458	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	564582	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	268542	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	136641	36.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.56%
7) Chloroethane-d5	1.67	69	120339	39.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.16%
11) 1,1-Dichloroethene-d2	2.27	63	196016	28.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.66%#
21) 2-Butanone-d5	4.17	46	269577	95.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.52%
24) Chloroform-d	4.64	84	280495	41.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.02%
26) 1,2-Dichloroethane-d4	5.31	65	171133	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.68%
32) Benzene-d6	5.34	84	593747	40.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.70%
36) 1,2-Dichloropropane-d6	6.33	67	190840	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.82%
41) Toluene-d8	7.56	98	526780	38.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.42%#
43) trans-1,3-Dichloropropene-	7.85	79	86328	40.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.14%
47) 2-Hexanone-d5	8.31	63	230850	92.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	308657	45.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	233686	44.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.84%

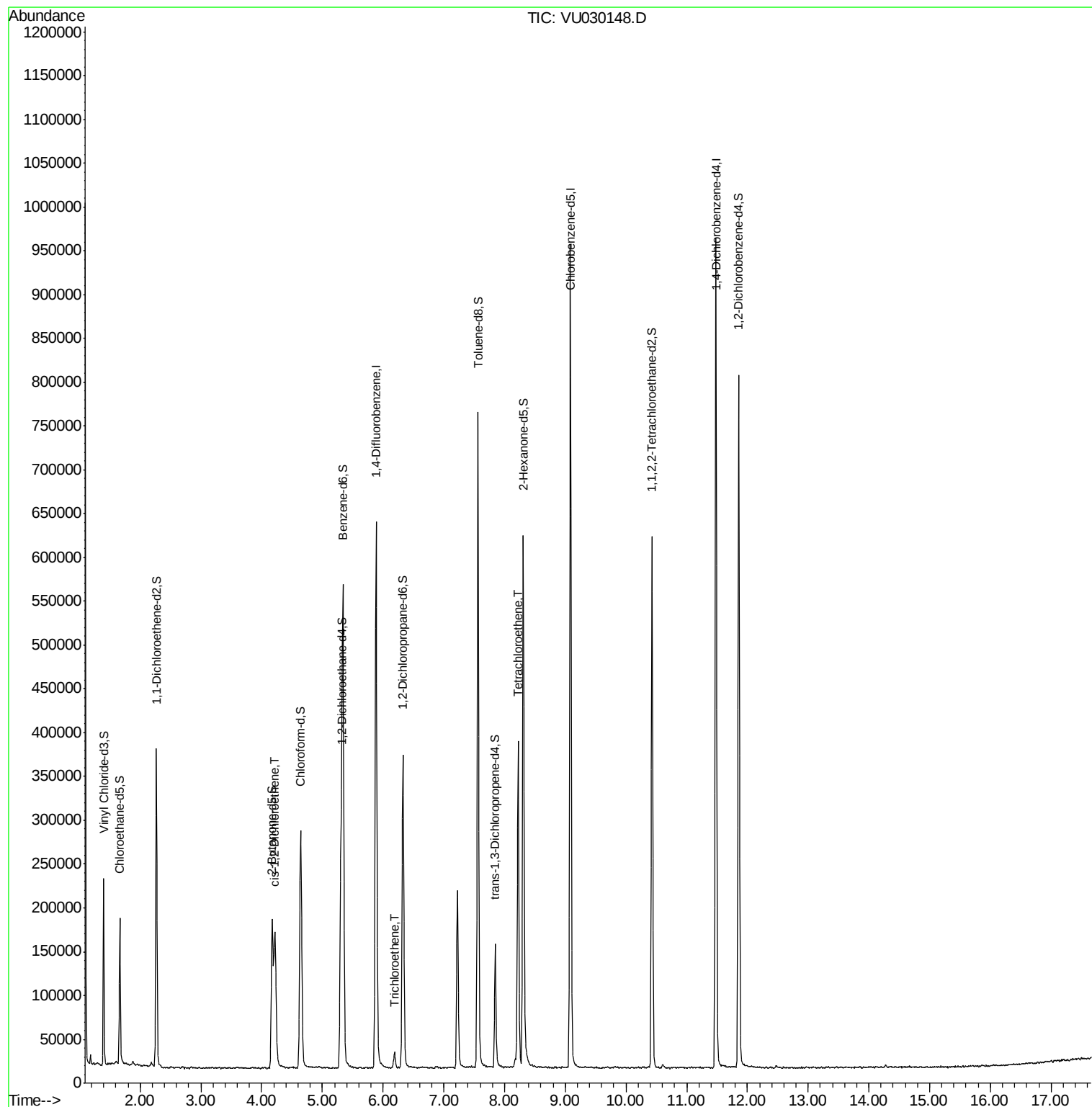
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	85570	19.338 ug/L	98
34) Trichloroethene	6.19	95	6342	1.498 ug/L	94
46) Tetrachloroethene	8.22	164	92296	24.908 ug/L	99

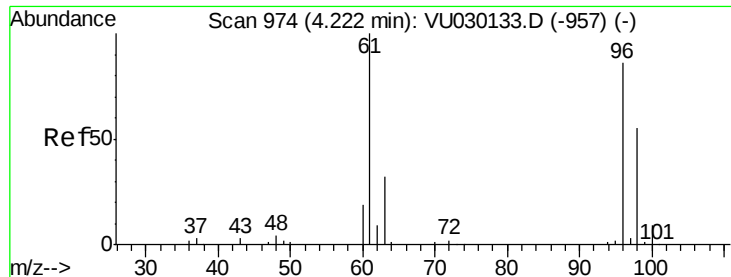
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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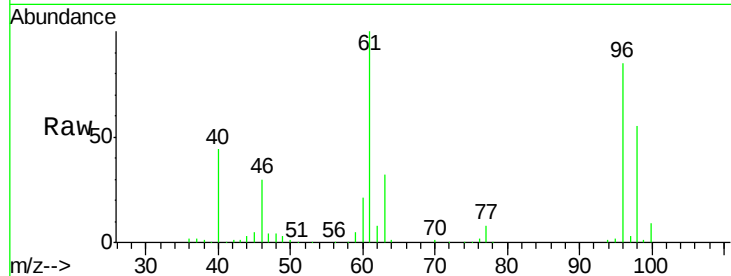


#20

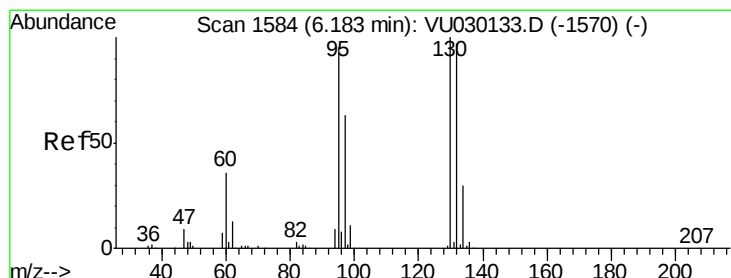
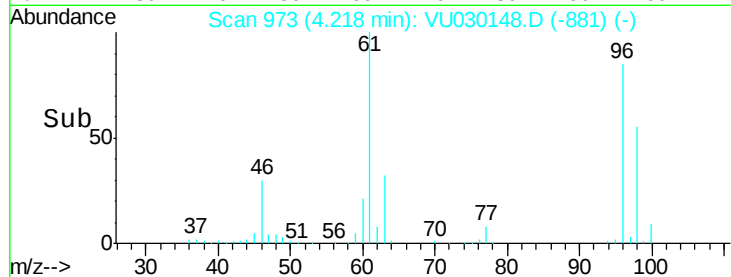
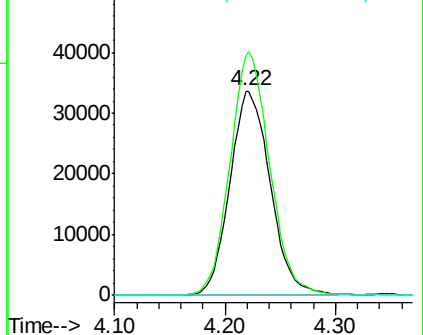
cis-1,2-Dichloroethene
Concen: 19.338 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU030148.D
Acq: 16 Mar 2019 16:32

Instrument :
MSVOA_U
ClientSampleId :
BF0Y0DL

Tot Ion: 96 Resp: 85570
Ion Ratio Lower Upper
96 100
61 117.3 80.8 150.2
68 0.0 0.0 0.0



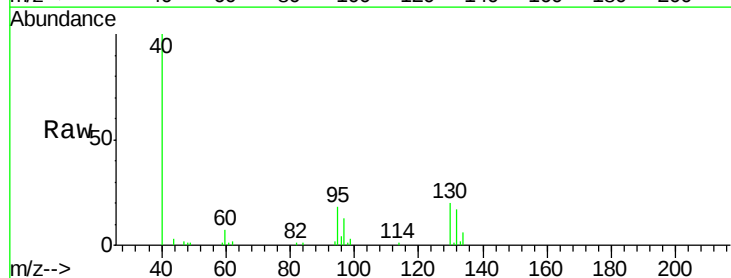
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



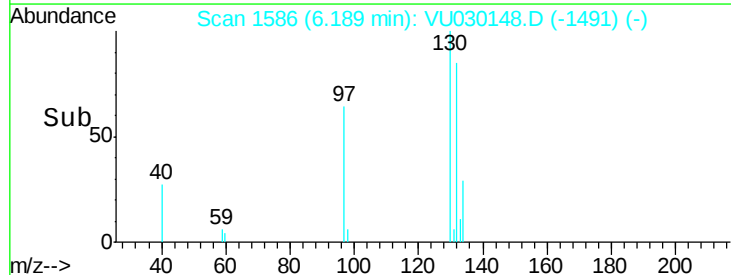
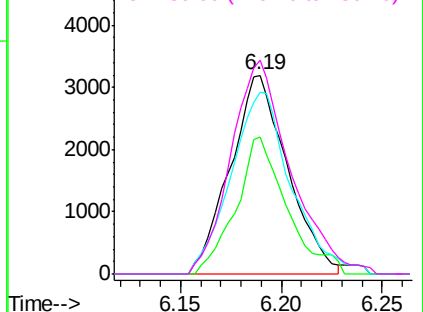
#34

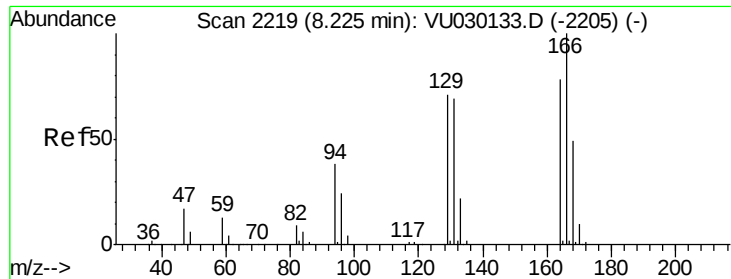
Trichloroethene
Concen: 1.498 ug/L
RT: 6.19 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VU030148.D
Acq: 16 Mar 2019 16:32

Tgt Ion: 95 Resp: 6342
Ion Ratio Lower Upper
95 100
97 68.9 45.5 84.5
132 91.7 71.5 132.7
130 107.6 73.5 136.5



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

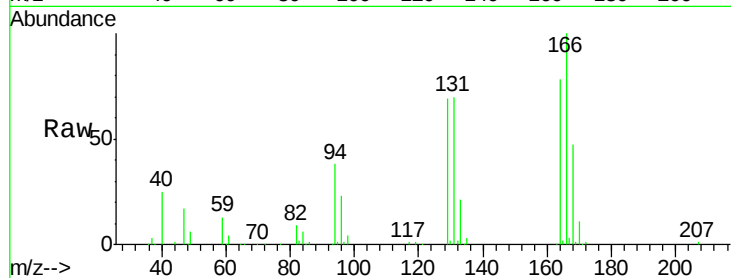




#46
 Tetrachloroethene
 Concen: 24.908 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU030148.D
 Acq: 16 Mar 2019 16:32

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Y0DL

Tot Ion:	164	Resp:	92296
Ion	Ratio	Lower	Upper
164	100		
129	88.5	63.3	117.7
131	88.7	62.0	115.2
166	127.5	90.5	168.1



Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

