

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051319\
 Data File : VU031960.D
 Acq On : 13 May 2019 10:25
 Operator : JC/SP
 Sample : K2744-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D11

Quant Time: May 14 02:50:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 14 02:38:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	475898	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	495403	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	189092	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	111272	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.68	69	119173	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.27	63	176733	2.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.60%#
20) 2-Butanone-d5	4.20	46	500445	39.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.04%
24) Chloroform-d	4.64	84	267229	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.31	65	149916	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
32) Benzene-d6	5.33	84	503197	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.32	67	178675	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.80%
41) Toluene-d8	7.56	98	383991	3.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.80%
43) trans-1,3-Dichloropropene-	7.85	79	55448	3.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.80%
46) 2-Hexanone-d5	8.31	63	370005	44.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	164321	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	150961	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

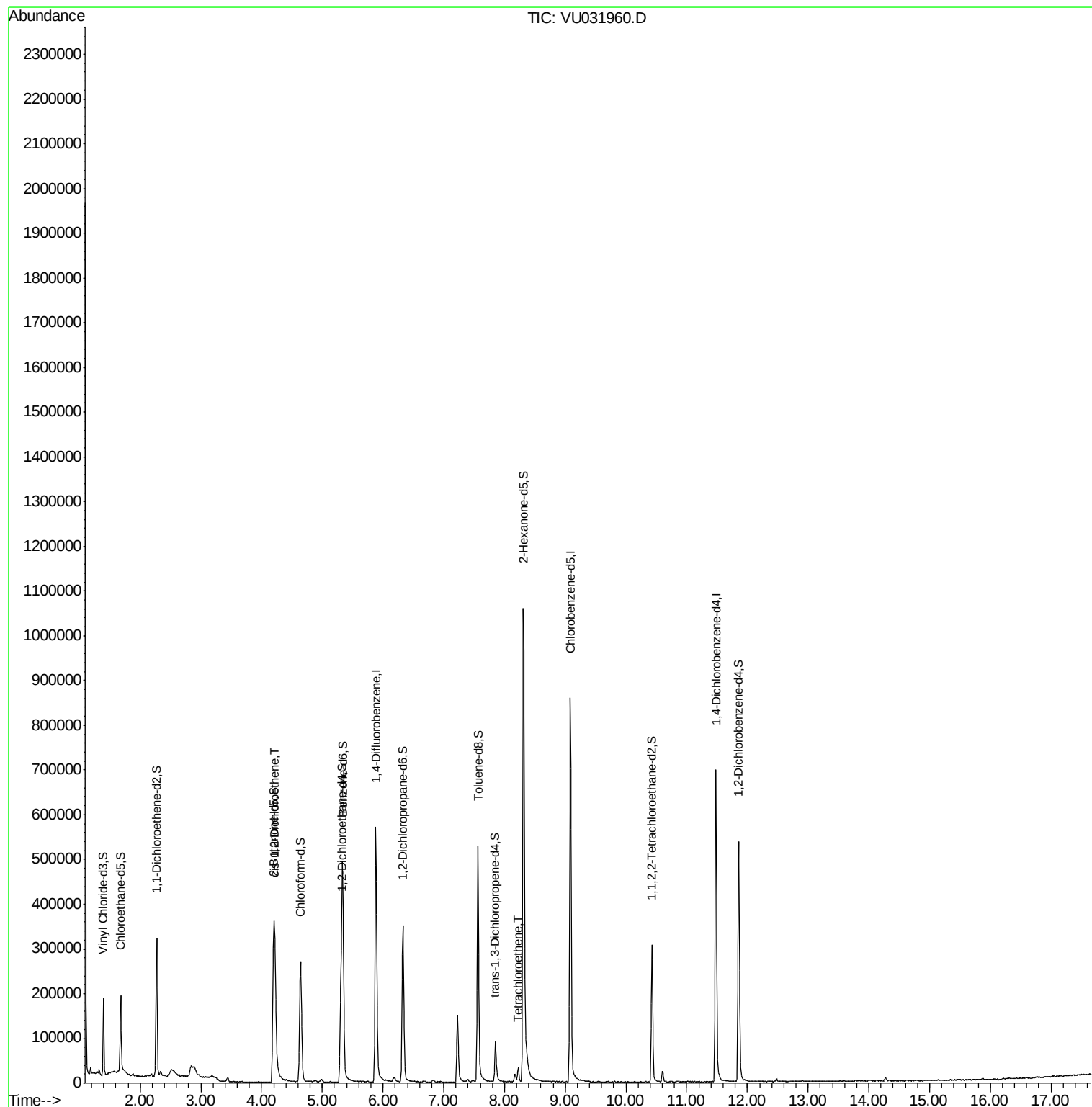
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.22	96	85024	2.030 ug/L	79
47) Tetrachloroethene	8.22	164	6986	0.247 ug/L	93

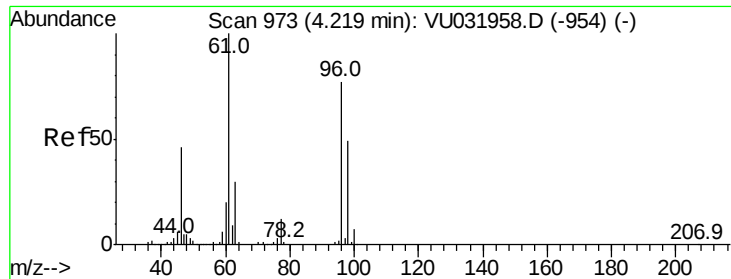
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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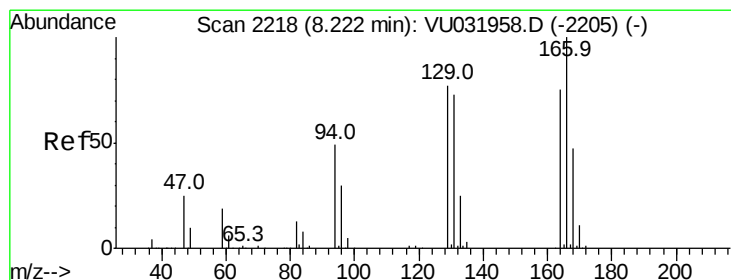
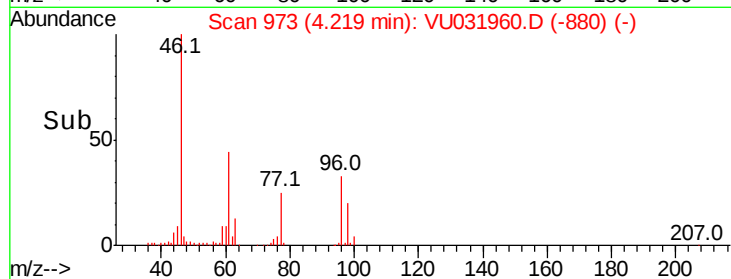
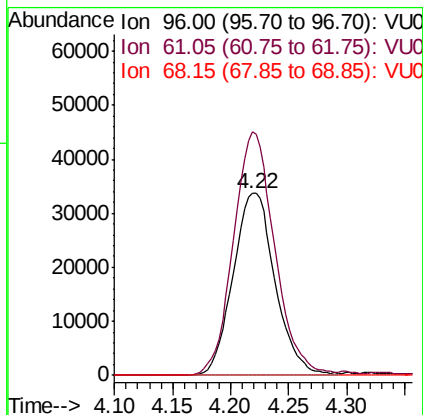
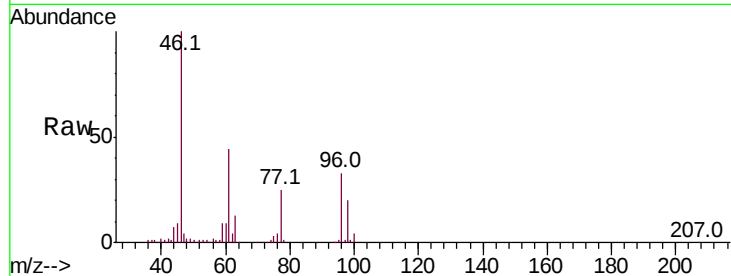


#22

cis-1,2-Dichloroethene
Concen: 2.030 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU031960.D
Acq: 13 May 2019 10:25

Instrument :
MSVOA_U
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Tot Ion: 96 Resp: 85024
Ion Ratio Lower Upper
96 100
61 133.7 113.3 210.5
68 0.0 0.0 0.0



#47

Tetrachloroethene
Concen: 0.247 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031960.D
Acq: 13 May 2019 10:25

Tgt Ion: 164 Resp: 6986
Ion Ratio Lower Upper
164 100
129 89.6 70.3 130.5
131 101.6 65.4 121.4
166 126.2 86.0 159.8

