

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\
 Data File : VU031744.D
 Acq On : 03 May 2019 12:58
 Operator : JC/SP
 Sample : K2661-09DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B29DL

Quant Time: May 04 05:57:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 04 02:35:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	864028	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	810332	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	313400	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	366314	50.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.32%
7) Chloroethane-d5	1.68	69	285100	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.04%
11) 1,1-Dichloroethene-d2	2.27	63	520624	36.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.30%
21) 2-Butanone-d5	4.19	46	671787	102.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.53%
24) Chloroform-d	4.64	84	583133	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.06%
26) 1,2-Dichloroethane-d4	5.31	65	399785	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
32) Benzene-d6	5.34	84	1207645	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
36) 1,2-Dichloropropane-d6	6.33	67	423374	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.72%
41) Toluene-d8	7.56	98	1019564	47.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.08%
43) trans-1,3-Dichloropropene-	7.85	79	169056	44.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.98%
47) 2-Hexanone-d5	8.31	63	401270	105.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	523554	44.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	320543	48.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.26%

Target Compounds

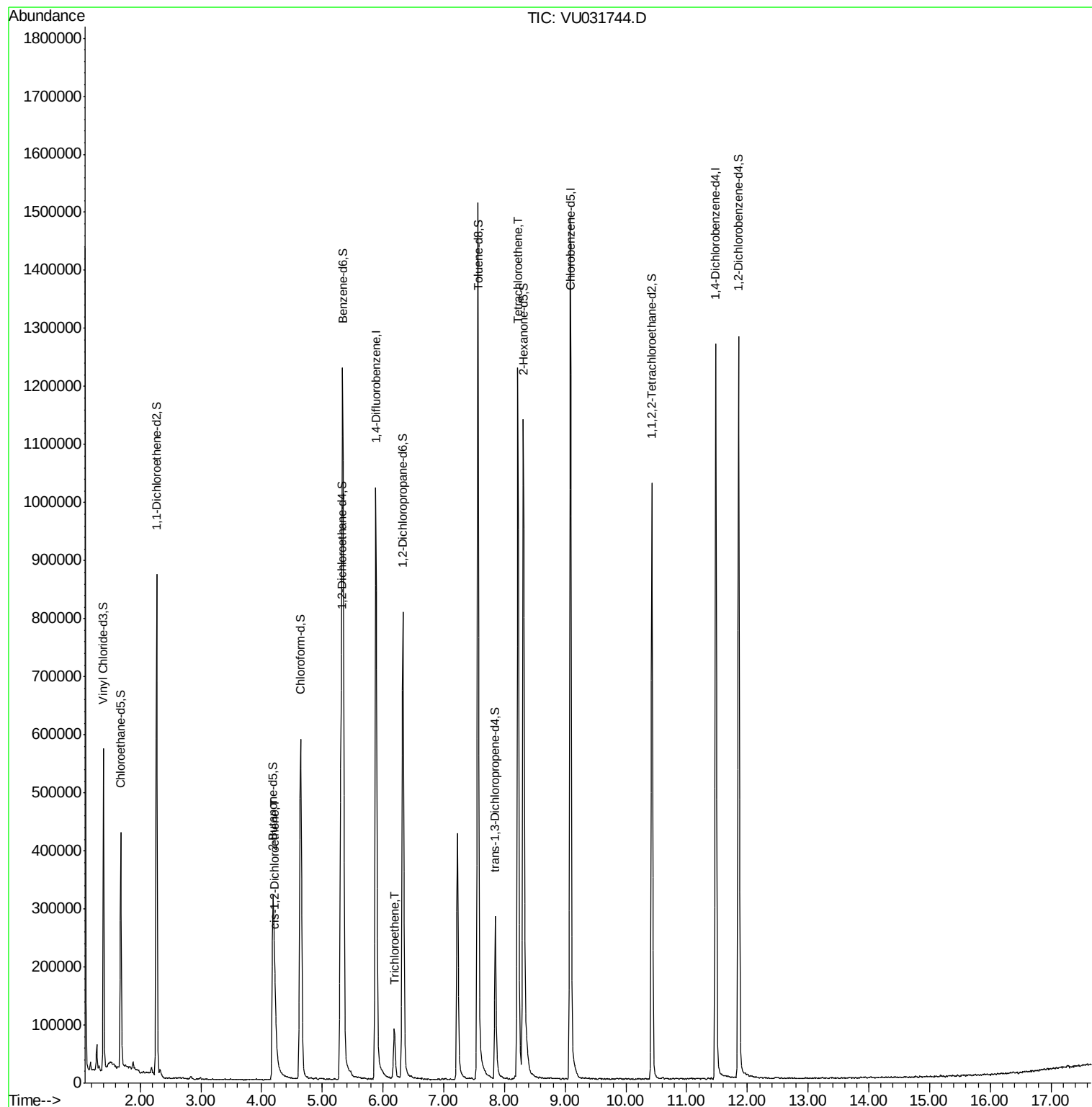
					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	13645	1.811 ug/L	81
34) Trichloroethene	6.19	95	30768	4.260 ug/L	93
46) Tetrachloroethene	8.22	164	269462	54.731 ug/L	98

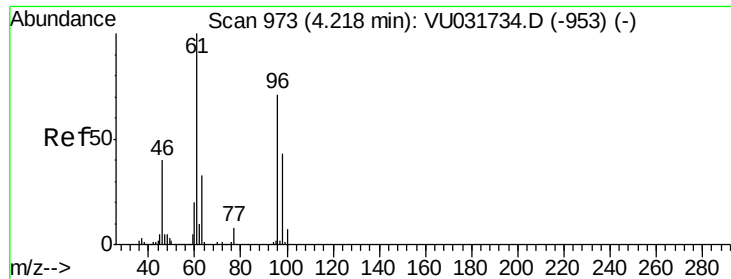
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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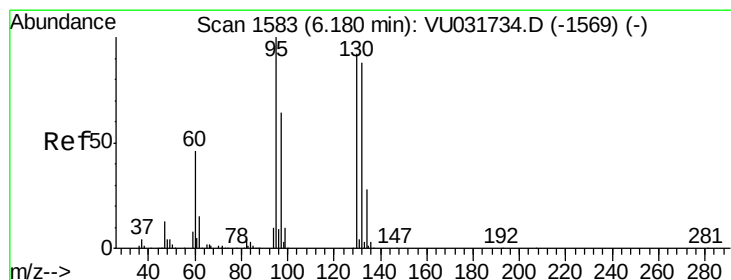
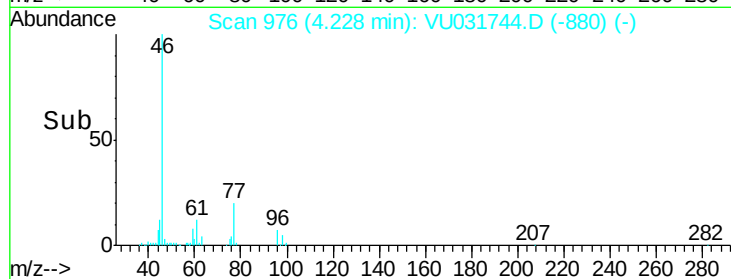
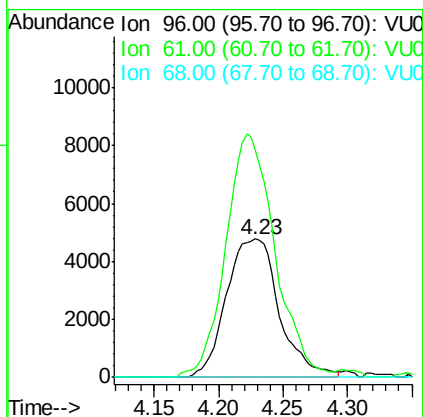
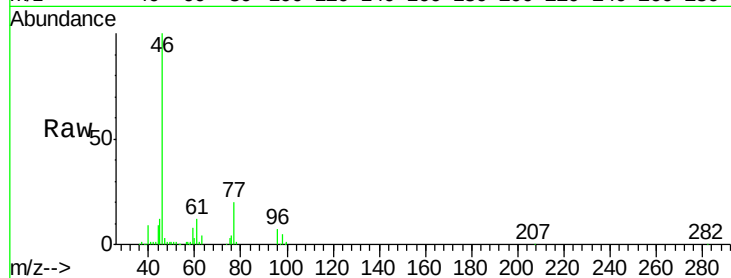




#20
 cis-1,2-Dichloroethene
 Concen: 1.811 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU031744.D
 Acq: 03 May 2019 12:58

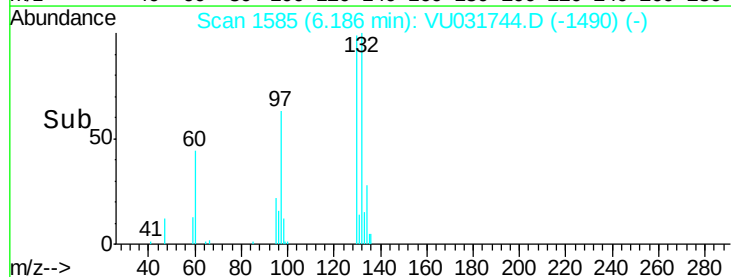
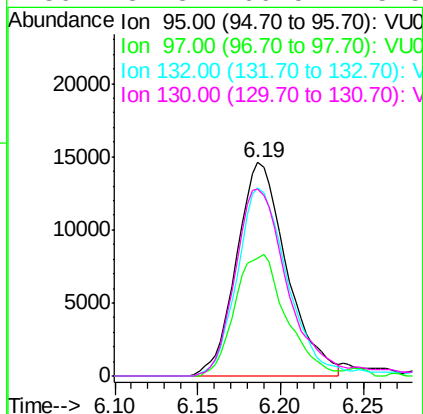
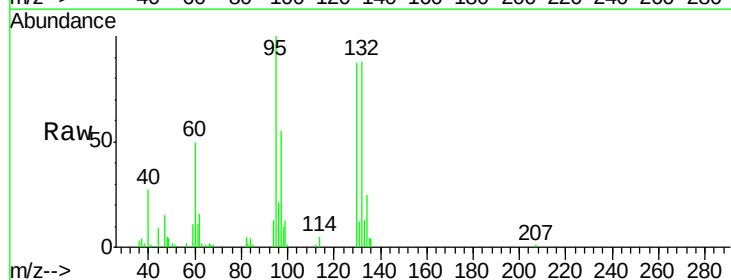
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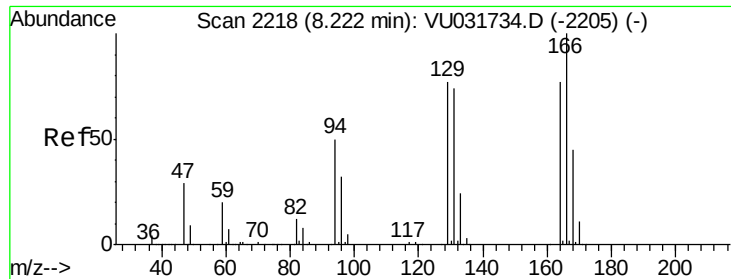
Tot Ion: 96 Resp: 13645
 Ion Ratio Lower Upper
 96 100
 61 165.5 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 4.260 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU031744.D
 Acq: 03 May 2019 12:58

Tgt Ion: 95 Resp: 30768
 Ion Ratio Lower Upper
 95 100
 97 55.2 44.8 83.2
 132 88.2 63.1 117.1
 130 87.3 66.5 123.5





#46

Tetrachloroethene

Concen: 54.731 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031744.D

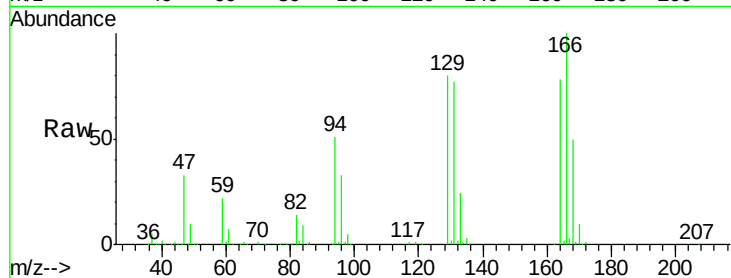
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Tot Ion:164 Resp: 269462

Ion Ratio Lower Upper

164 100

129 102.7 71.5 132.9

131 97.9 69.0 128.2

166 127.7 93.7 173.9

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

