

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031719\
 Data File : VU030145.D
 Acq On : 16 Mar 2019 15:13
 Operator : JC/SP
 Sample : K1949-19 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1H1

Quant Time: Mar 18 05:26:02 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	471774	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	463819	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219025	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	149350	47.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.72%
7) Chloroethane-d5	1.68	69	128299	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.86%
11) 1,1-Dichloroethene-d2	2.27	63	206489	36.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.32%
21) 2-Butanone-d5	4.17	46	282503	120.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.83%
24) Chloroform-d	4.65	84	289908	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
26) 1,2-Dichloroethane-d4	5.31	65	176546	54.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.18%
32) Benzene-d6	5.34	84	613753	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
36) 1,2-Dichloropropane-d6	6.33	67	196449	53.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.52%
41) Toluene-d8	7.56	98	543975	48.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.32%
43) trans-1,3-Dichloropropene-	7.85	79	89147	50.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.72%
47) 2-Hexanone-d5	8.31	63	239340	117.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309564	55.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	229270	54.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.08%

Target Compounds

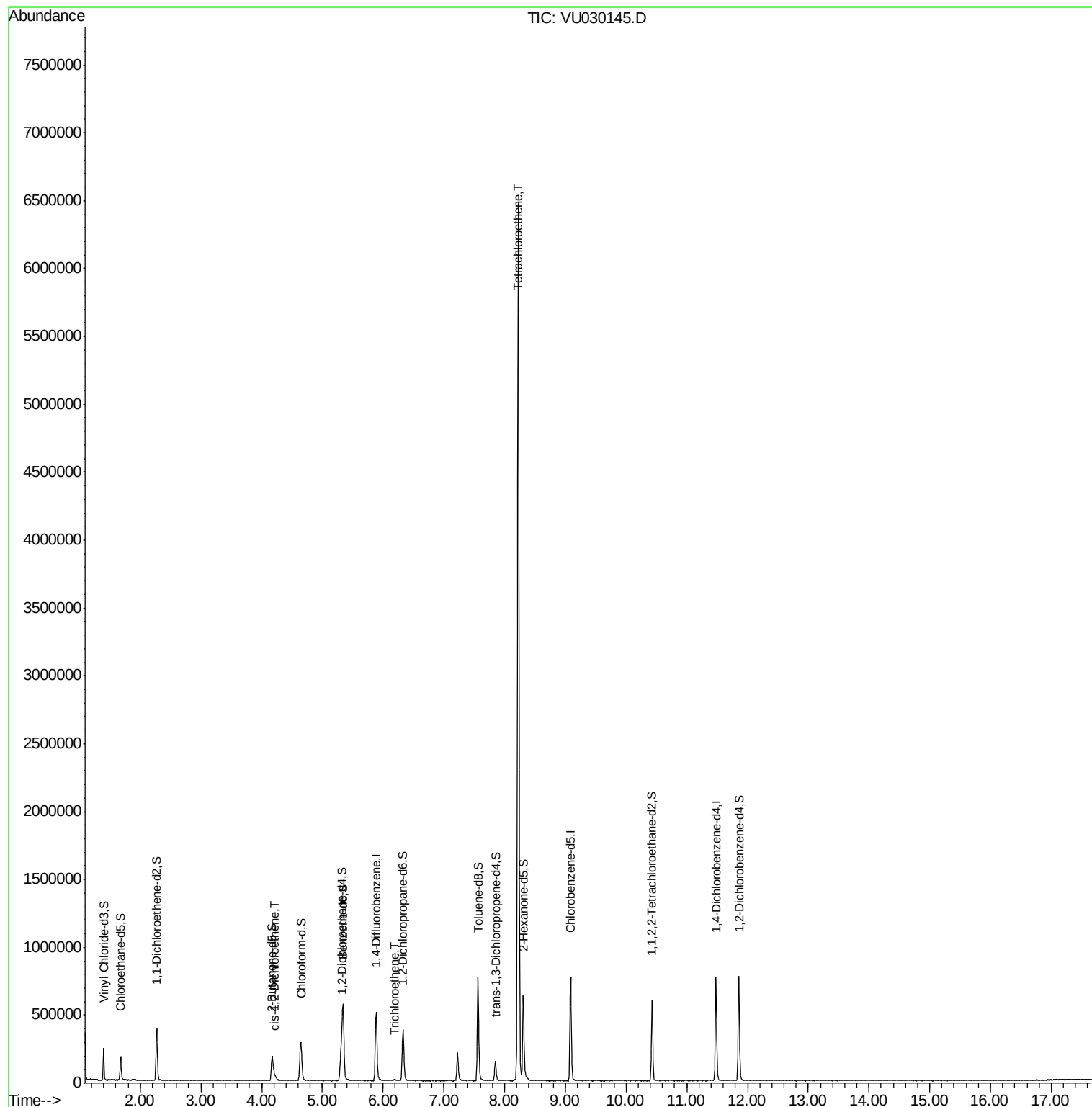
					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	11265	3.073 ug/L	96
34) Trichloroethene	6.19	95	4137	1.189 ug/L	91
46) Tetrachloroethene	8.22	164	1562222	513.185 ug/L	99

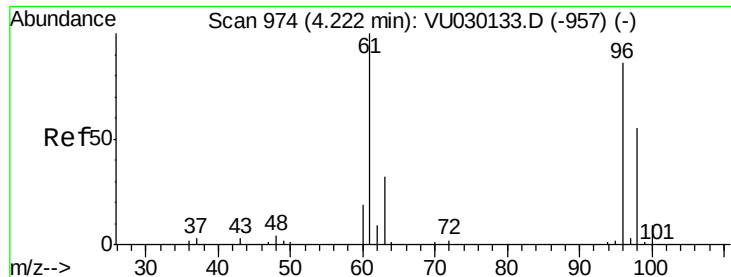
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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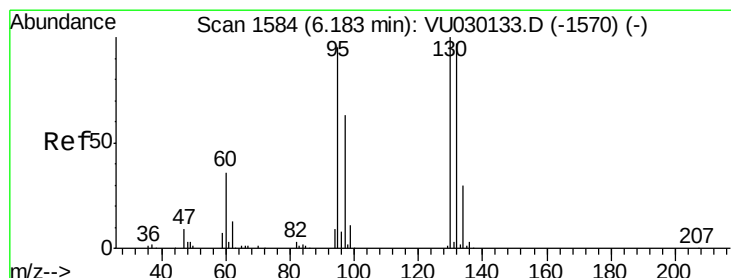
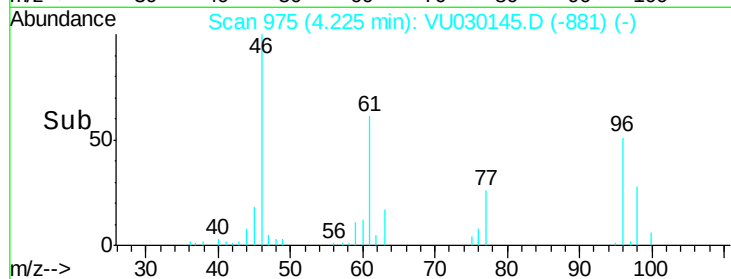
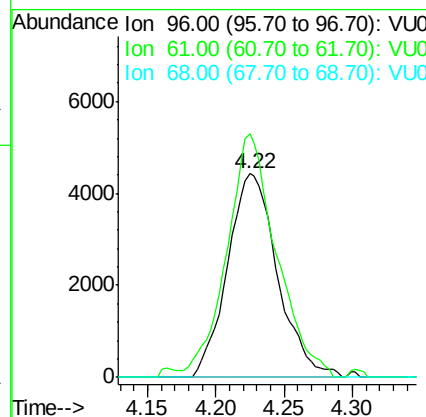
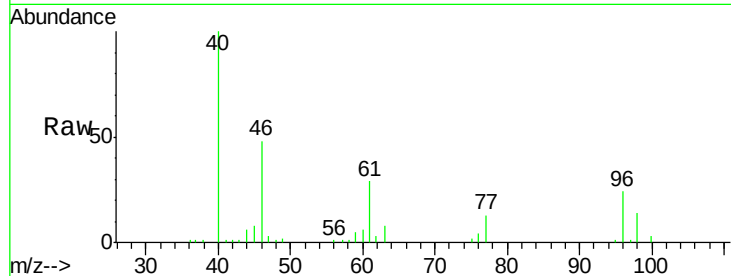




#20
 cis-1,2-Dichloroethene
 Concen: 3.073 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: VU030145.D
 Acq: 16 Mar 2019 15:13

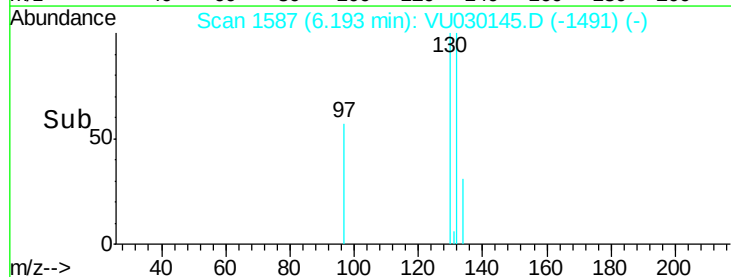
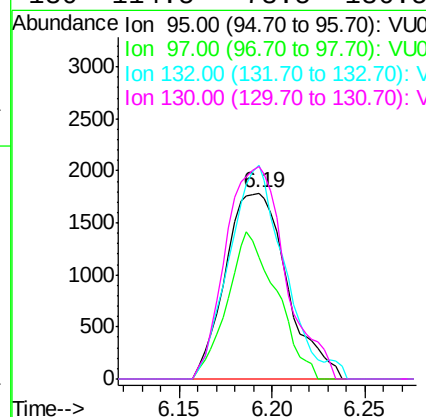
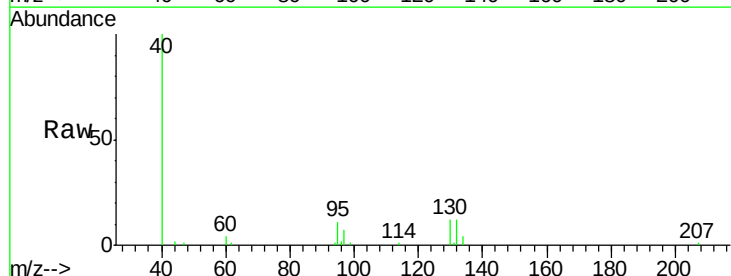
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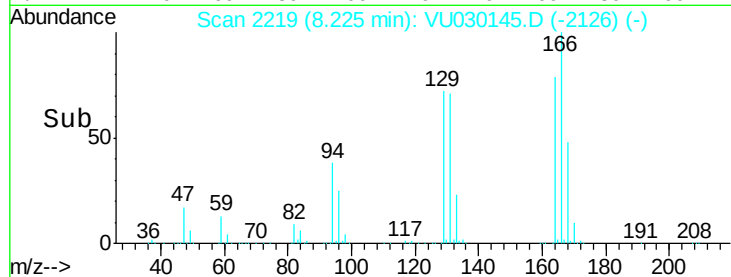
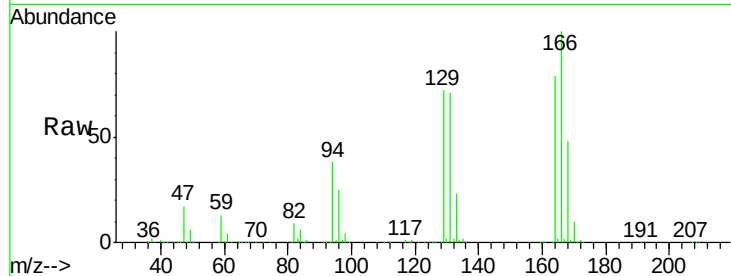
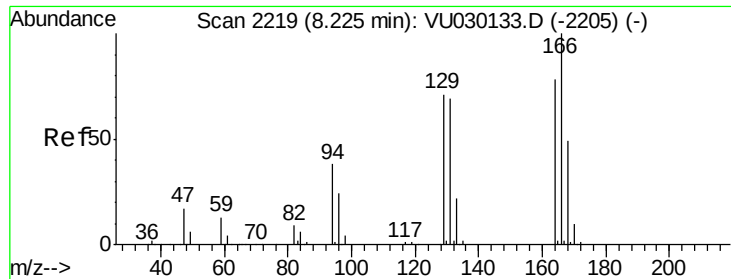
Tot Ion: 96 Resp: 11265
 Ion Ratio Lower Upper
 96 100
 61 119.5 80.8 150.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.189 ug/L
 RT: 6.19 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VU030145.D
 Acq: 16 Mar 2019 15:13

Tgt Ion: 95 Resp: 4137
 Ion Ratio Lower Upper
 95 100
 97 65.7 45.5 84.5
 132 114.9 71.5 132.7
 130 114.5 73.5 136.5





#46

Tetrachloroethene

Concen: 513.185 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030145.D

Acq: 16 Mar 2019 15:13

Instrument :

MSVOA_U

ClientSampleId :

BF1H1

Tot Ion:164 Resp: 1562222

Ion Ratio Lower Upper

164 100

129 90.8 63.3 117.7

131 89.1 62.0 115.2

166 126.1 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

