

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031819\
 Data File : VU030175.D
 Acq On : 18 Mar 2019 15:41
 Operator : JC/SP
 Sample : K1936-02 50X
 Misc : 5.62g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0T9

Quant Time: Mar 19 02:59:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 12:44:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	527580	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	515879	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	250674	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	116161	33.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.58%
7) Chloroethane-d5	1.68	69	108376	38.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.94%
11) 1,1-Dichloroethene-d2	2.27	63	165984	26.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.70%#
21) 2-Butanone-d5	4.17	46	251650	96.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.25%
24) Chloroform-d	4.64	84	260603	41.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.26%
26) 1,2-Dichloroethane-d4	5.31	65	159509	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.22%
32) Benzene-d6	5.34	84	527586	39.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.46%
36) 1,2-Dichloropropane-d6	6.33	67	176518	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.86%
41) Toluene-d8	7.56	98	460717	37.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.10%#
43) trans-1,3-Dichloropropene-	7.85	79	78262	39.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.50%
47) 2-Hexanone-d5	8.31	63	203529	89.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	284013	45.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	212424	43.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.48%

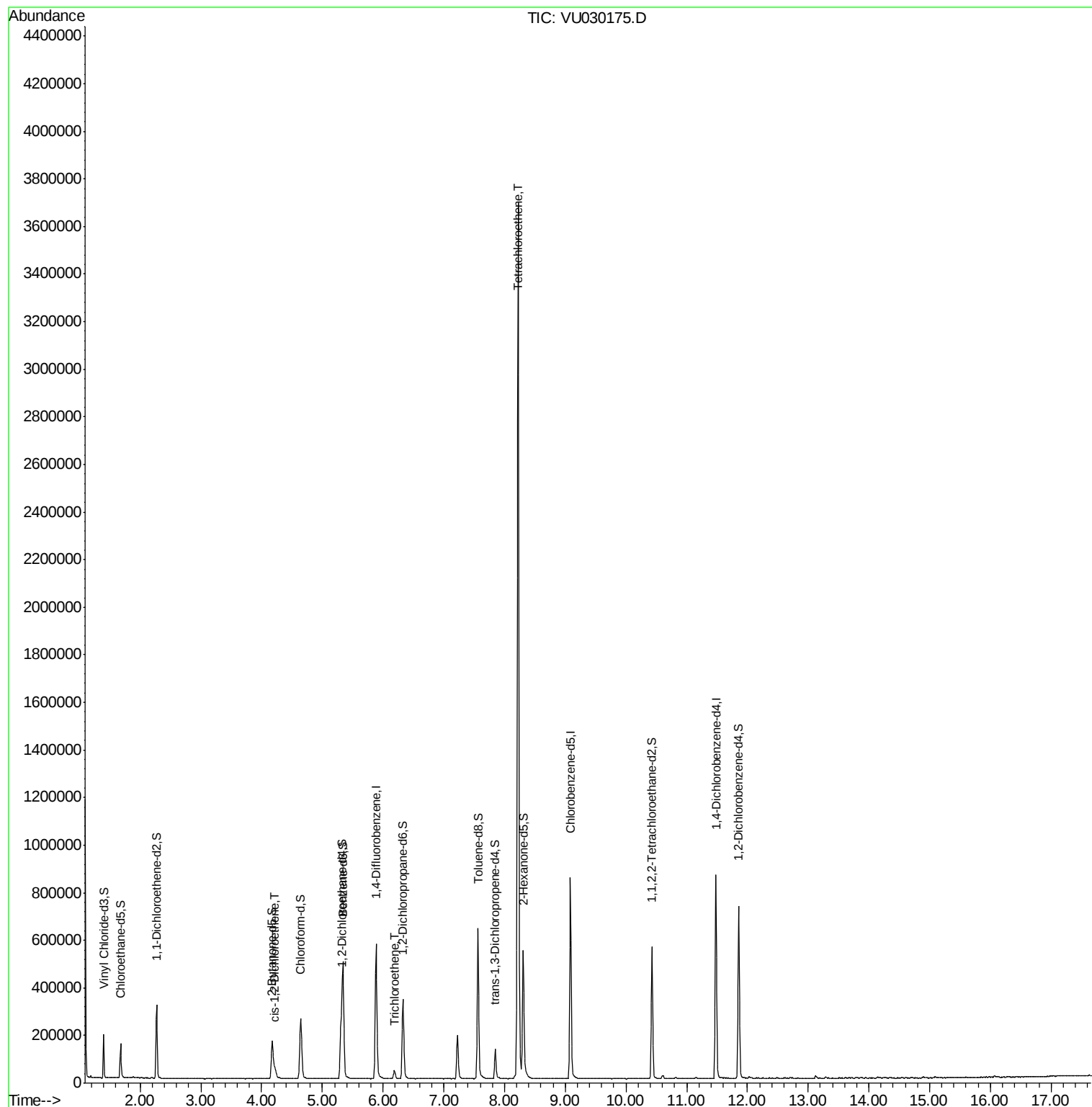
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	16773	4.091 ug/L	93
34) Trichloroethene	6.19	95	12188	3.150 ug/L	89
46) Tetrachloroethene	8.22	164	917287	270.918 ug/L	99

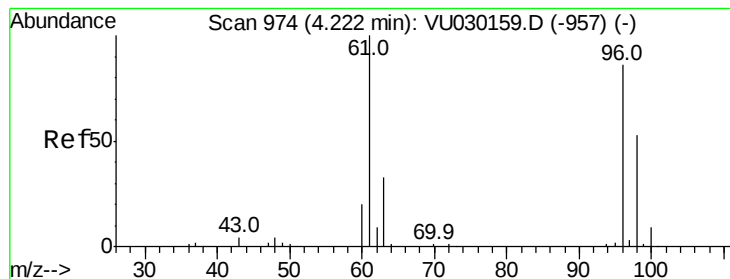
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 4.091 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.00 min

Lab File: VU030175.D

Acq: 18 Mar 2019 15:41

Instrument :

MSVOA_U

ClientSampleId :

BF0T9

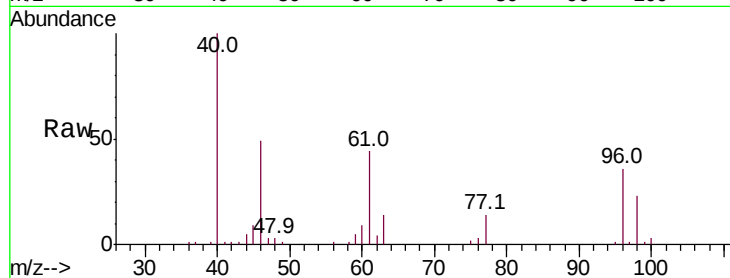
Tot Ion: 96 Resp: 16773

Ion Ratio Lower Upper

96 100

61 123.6 80.8 150.2

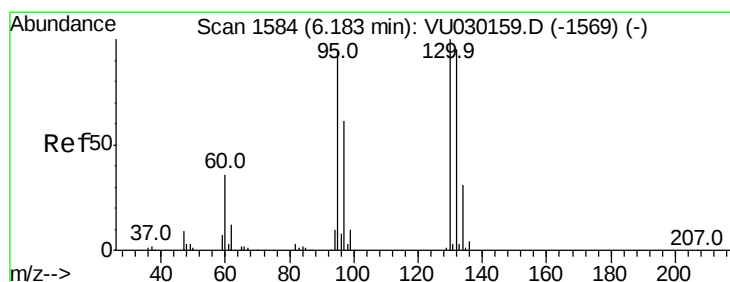
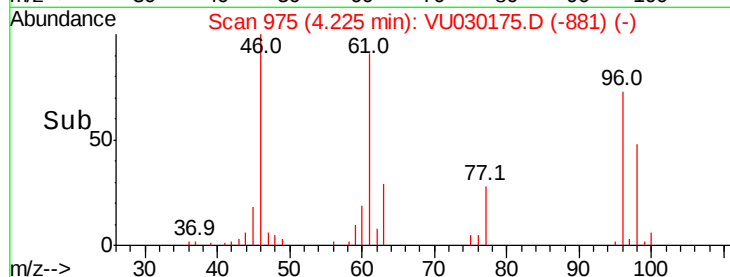
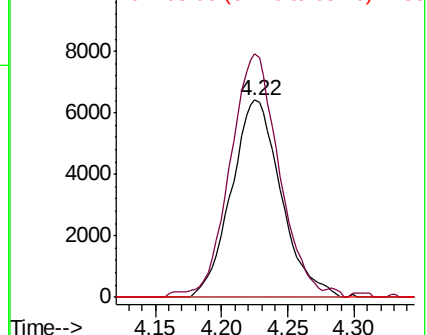
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030159.D (-957) (-)

Ion 61.00 (60.70 to 61.70): VU030159.D (-957) (-)

Ion 68.00 (67.70 to 68.70): VU030159.D (-957) (-)



#34

Trichloroethene

Concen: 3.150 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU030175.D

Acq: 18 Mar 2019 15:41

Tgt Ion: 95 Resp: 12188

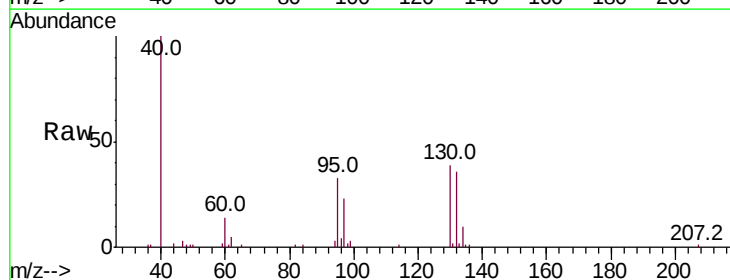
Ion Ratio Lower Upper

95 100

97 70.4 45.5 84.5

132 110.3 71.5 132.7

130 121.4 73.5 136.5

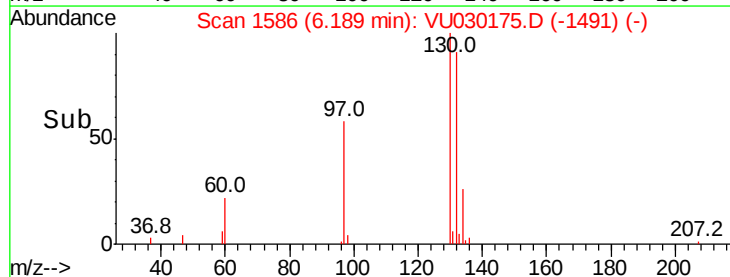
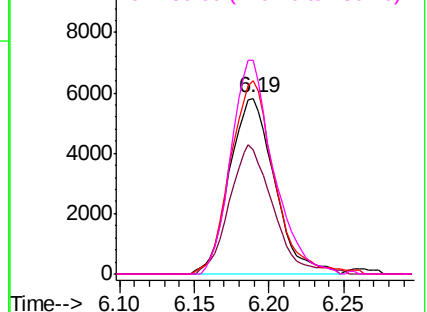


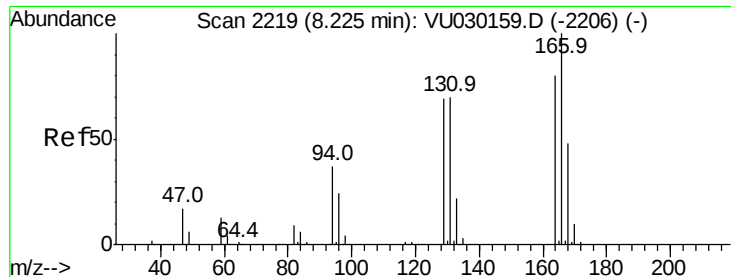
Abundance Ion 95.00 (94.70 to 95.70): VU030159.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU030159.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU030159.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU030159.D (-1569) (-)





#46

Tetrachloroethene

Concen: 270.918 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030175.D

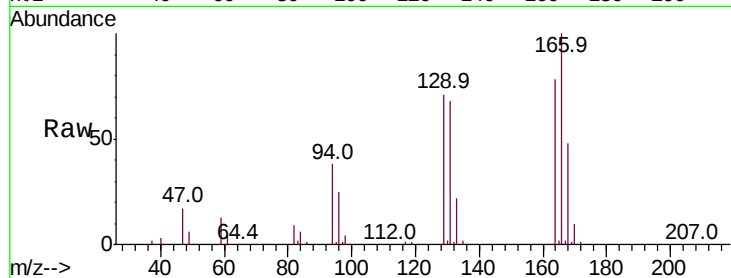
Acq: 18 Mar 2019 15:41

Instrument :

MSVOA_U

ClientSampleId :

BF0T9



Tot Ion:164 Resp: 917287

Ion Ratio Lower Upper

164 100

129 91.0 63.3 117.7

131 87.9 62.0 115.2

166 128.4 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

