

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040119\
 Data File : VU030585.D
 Acq On : 31 Mar 2019 13:20
 Operator : JC/SP
 Sample : K2167-15 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1C0

Quant Time: Apr 01 02:30:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 01 02:05:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	440768	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	428702	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	170947	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155945	43.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.92%
7) Chloroethane-d5	1.68	69	128370	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.32%
11) 1,1-Dichloroethene-d2	2.27	63	237045	35.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.46%
21) 2-Butanone-d5	4.17	46	303392	90.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.98%
24) Chloroform-d	4.64	84	278743	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
26) 1,2-Dichloroethane-d4	5.31	65	187798	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
32) Benzene-d6	5.34	84	567507	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.32%
36) 1,2-Dichloropropane-d6	6.33	67	200416	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.30%
41) Toluene-d8	7.56	98	491080	44.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.96%
43) trans-1,3-Dichloropropene-	7.85	79	87005	43.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.98%
47) 2-Hexanone-d5	8.31	63	183145	80.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271266	45.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	169264	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%

Target Compounds

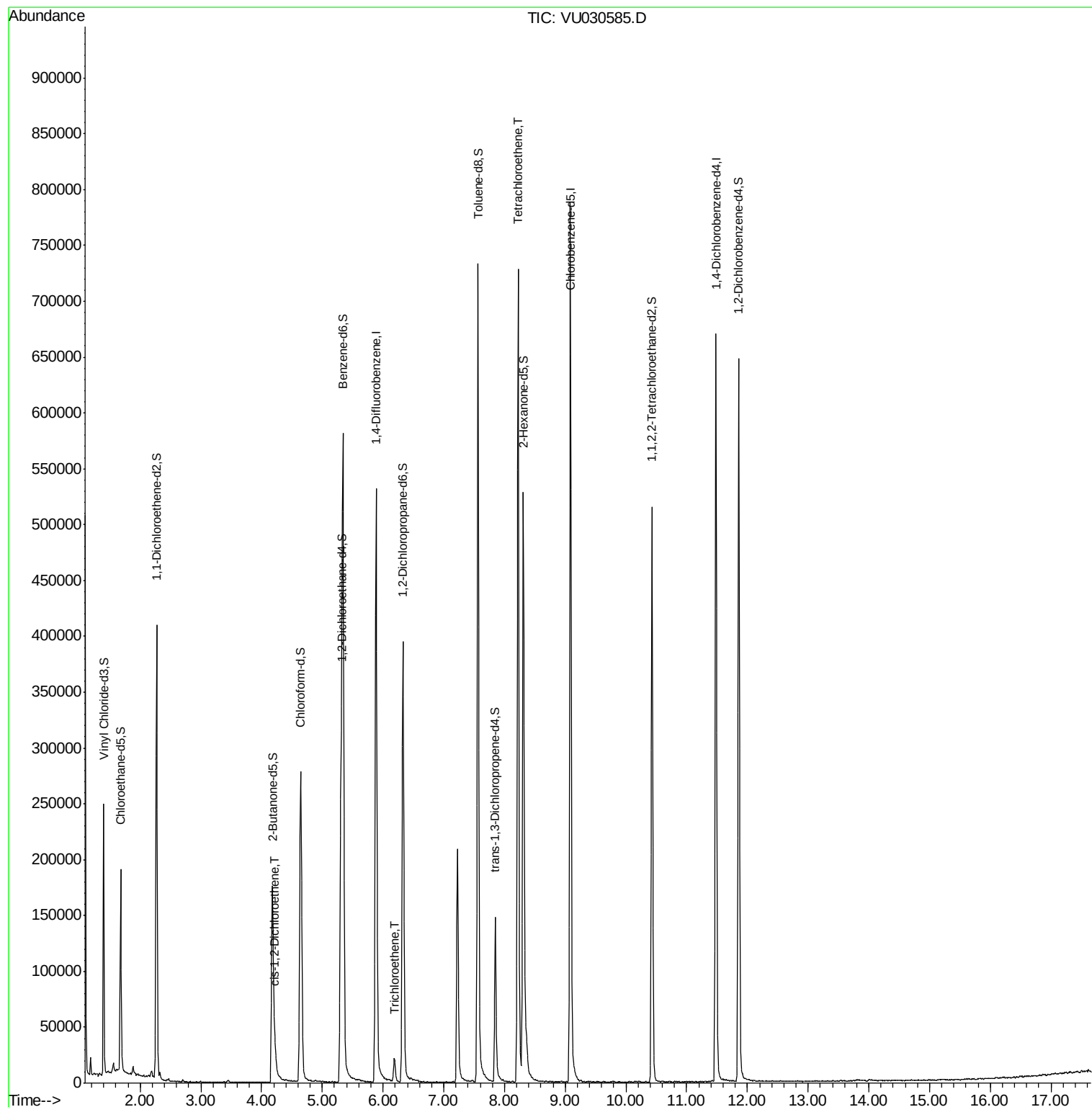
					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	5705	1.538 ug/L	99
34) Trichloroethene	6.19	95	8267	2.304 ug/L	92
46) Tetrachloroethene	8.22	164	159827	63.784 ug/L	96

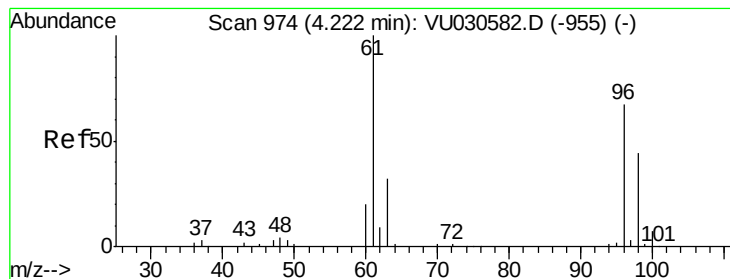
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 1.538 ug/L

RT: 4.23 min Scan# 975

Delta R.T. 0.00 min

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BF1C0

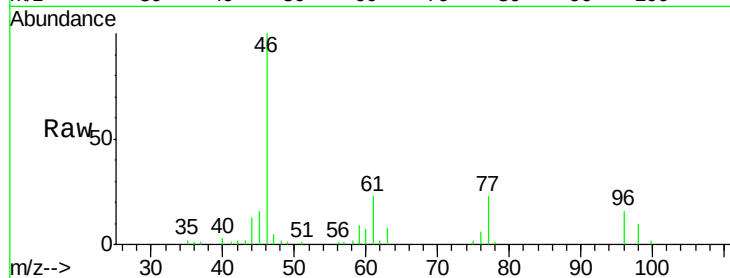
Tot Ion: 96 Resp: 5705

Ion Ratio Lower Upper

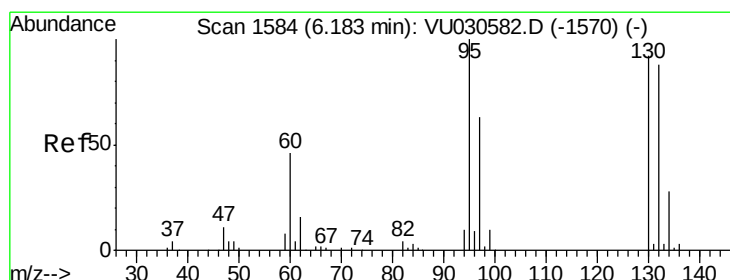
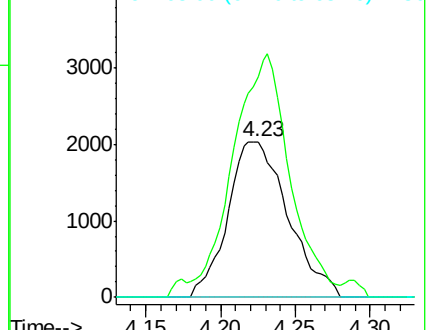
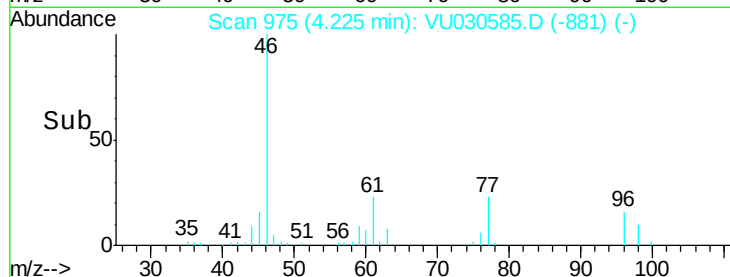
96 100

61 141.9 98.4 182.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030585.D (-881) (-)



#34

Trichloroethene

Concen: 2.304 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU030585.D

Acq: 31 Mar 2019 13:20

Tgt Ion: 95 Resp: 8267

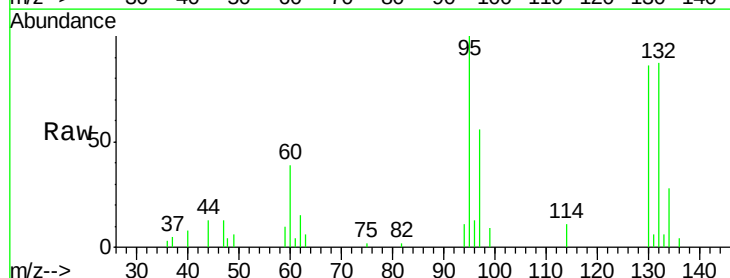
Ion Ratio Lower Upper

95 100

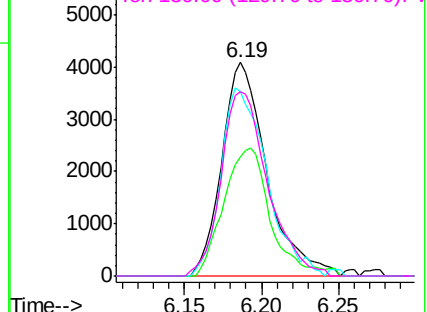
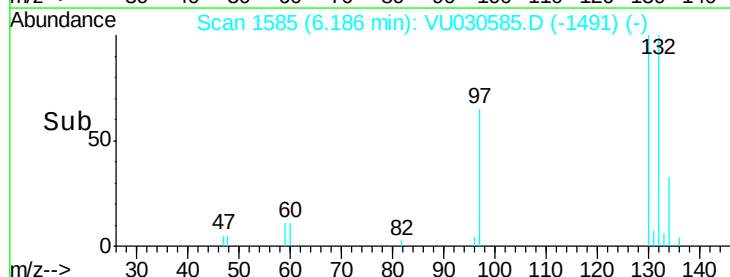
97 55.9 45.7 84.9

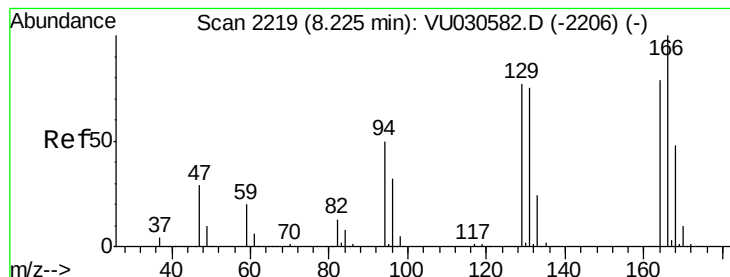
132 86.6 63.8 118.4

130 86.5 65.7 121.9



Abundance Ion 95.00 (94.70 to 95.70): VU030585.D (-1491) (-)





#46

Tetrachloroethene

Concen: 63.784 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030585.D

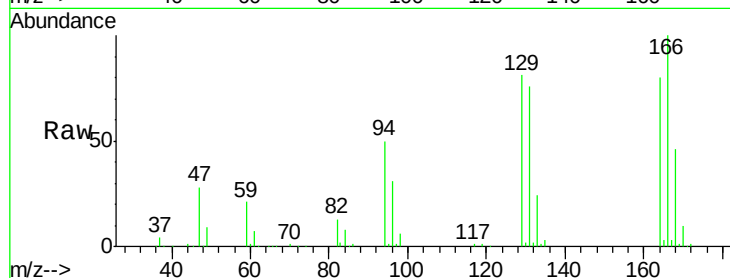
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Tot Ion:164 Resp: 159827

Ion Ratio Lower Upper

164 100

129 101.1 68.1 126.5

131 95.8 67.7 125.7

166 125.5 92.4 171.6

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

