

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041219\
 Data File : VU031133.D
 Acq On : 12 Apr 2019 17:04
 Operator : JC/SP
 Sample : K2341-14DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB736DL

Quant Time: Apr 13 02:00:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 01:01:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	522727	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	502770	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213051	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	222071	47.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.18%
7) Chloroethane-d5	1.68	69	167407	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.54%
11) 1,1-Dichloroethene-d2	2.26	63	291999	34.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.20%
21) 2-Butanone-d5	4.17	46	322550	87.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.22%
24) Chloroform-d	4.64	84	322205	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.30	65	223803	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
32) Benzene-d6	5.33	84	679071	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
36) 1,2-Dichloropropane-d6	6.32	67	224007	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.06%
41) Toluene-d8	7.56	98	584485	44.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.86%
43) trans-1,3-Dichloropropene-	7.85	79	100801	43.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.90%
47) 2-Hexanone-d5	8.31	63	203221	88.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305786	45.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	208115	49.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.34%

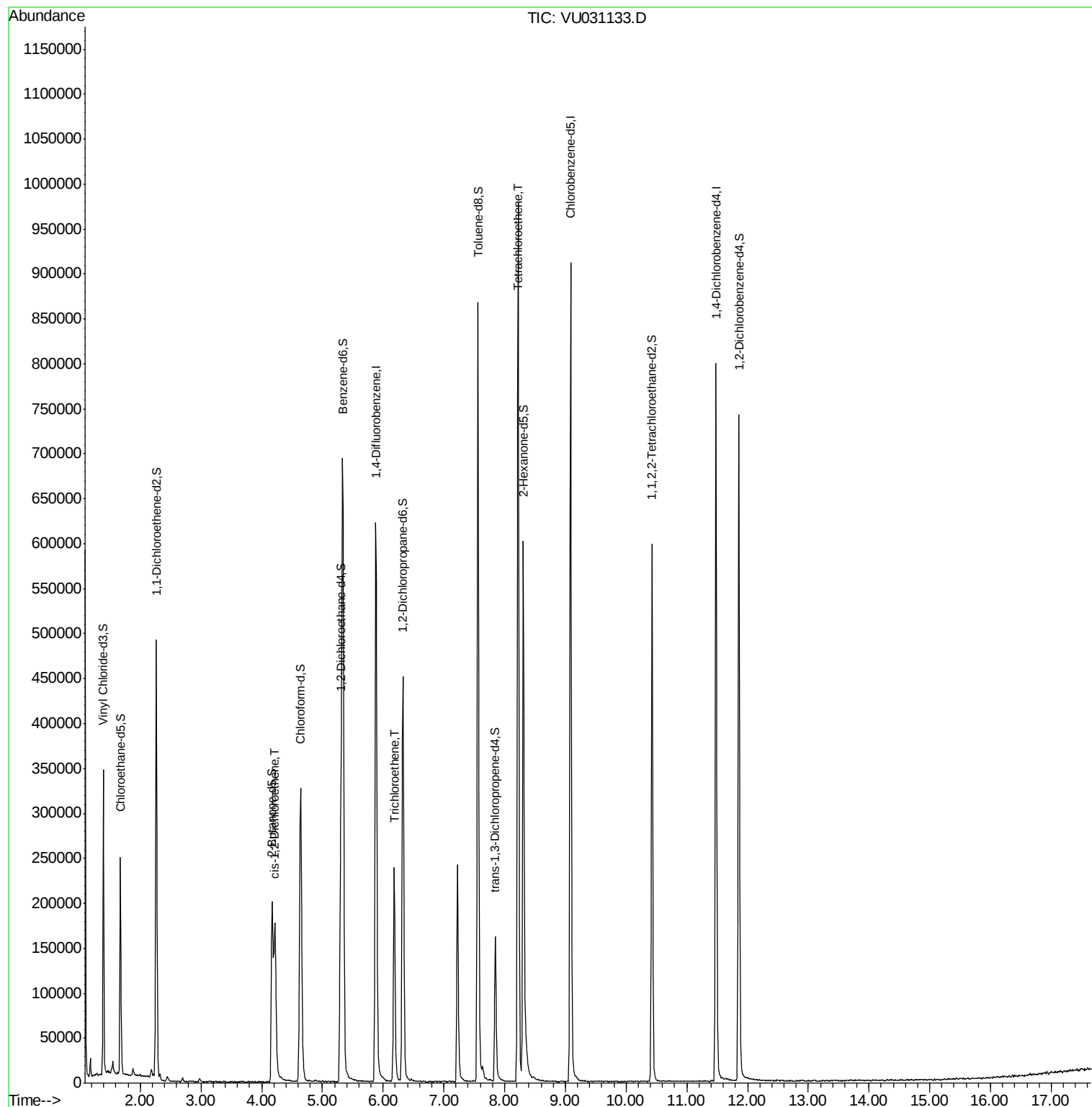
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	88297	20.843 ug/L	90
34) Trichloroethene	6.18	95	89662	22.219 ug/L	97
46) Tetrachloroethene	8.22	164	223113	76.049 ug/L	98

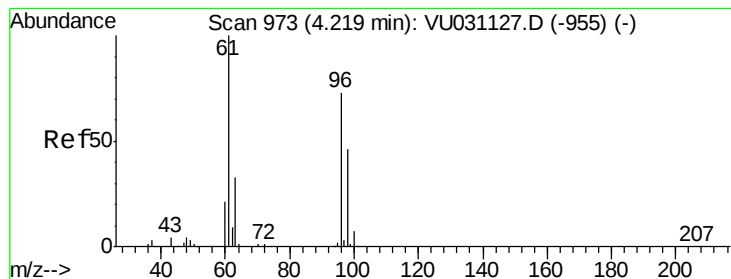
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 20.843 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031133.D

Acq: 12 Apr 2019 17:04

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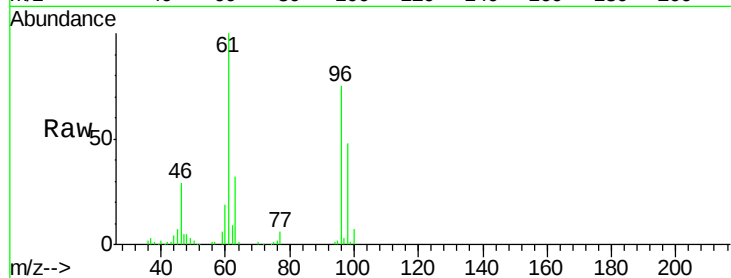
Tot Ion: 96 Resp: 88297

Ion Ratio Lower Upper

96 100

61 134.0 102.9 191.1

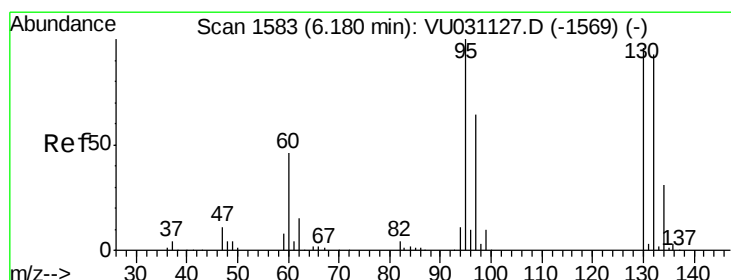
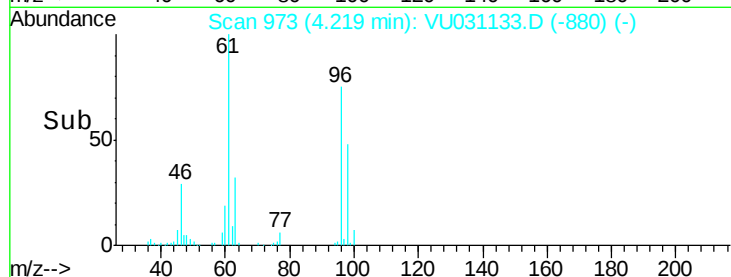
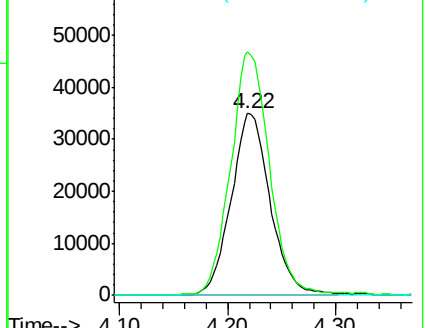
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031127.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU031127.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU031127.D (-955) (-)



#34

Trichloroethene

Concen: 22.219 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031133.D

Acq: 12 Apr 2019 17:04

Tgt Ion: 95 Resp: 89662

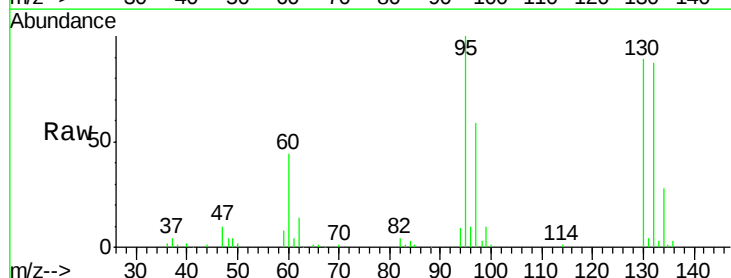
Ion Ratio Lower Upper

95 100

97 59.2 44.5 82.7

132 87.3 61.5 114.1

130 89.5 64.9 120.5

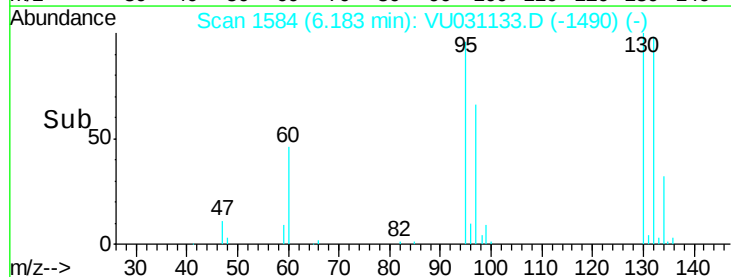
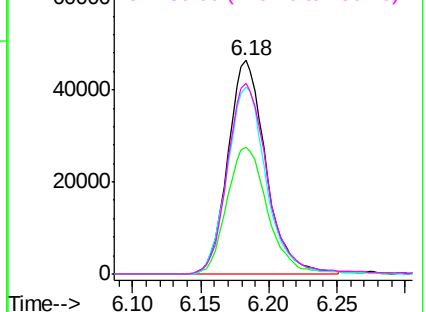


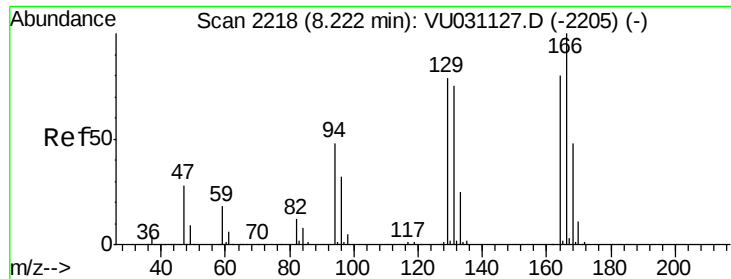
Abundance Ion 95.00 (94.70 to 95.70): VU031127.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031127.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031127.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031127.D (-1569) (-)





#46

Tetrachloroethene

Concen: 76.049 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031133.D

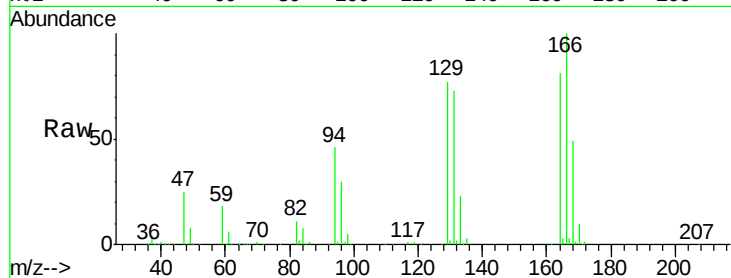
Acq: 12 Apr 2019 17:04

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Tot Ion:164 Resp: 223113

Ion Ratio Lower Upper

164 100

129 95.8 67.4 125.2

131 90.6 65.9 122.5

166 124.2 88.6 164.6

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

