

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
 Data File : VU034693.D
 Acq On : 20 Sep 2019 16:55
 Operator : JC/SP
 Sample : K4948-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDN6

Quant Time: Sep 21 07:22:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 21 02:29:10 2019
 Response via : Initial Calibration

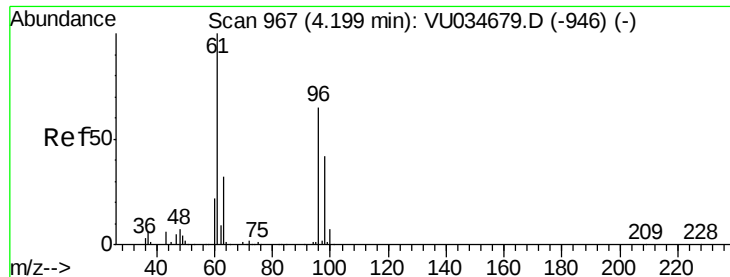
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	492487	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	465600	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	211968	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	211413	41.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.86%
7) Chloroethane-d5	1.67	69	175558	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.10%
11) 1,1-Dichloroethene-d2	2.26	63	291883	34.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.38%
21) 2-Butanone-d5	4.15	46	407520	105.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.46%
24) Chloroform-d	4.62	84	356039	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	5.29	65	262829	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.56%
32) Benzene-d6	5.32	84	700509	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
36) 1,2-Dichloropropane-d6	6.31	67	253337	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.44%
41) Toluene-d8	7.54	98	664649	48.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.82%
43) trans-1,3-Dichloropropene-	7.83	79	116927	48.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.80%
47) 2-Hexanone-d5	8.29	63	272000	107.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.36%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	336112	48.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.04%
64) 1,2-Dichlorobenzene-d4	11.84	152	222004	49.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.90%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	8648	2.099 ug/L	98
34) Trichloroethene	6.17	95	3845	0.964 ug/L	87
46) Tetrachloroethene	8.21	164	46876	16.710 ug/L	96

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



#20

cis-1,2-Dichloroethene

Concen: 2.099 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

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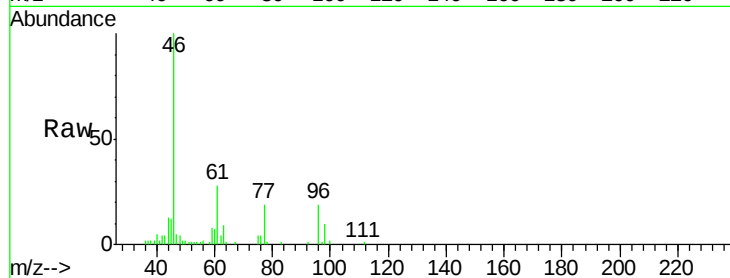
Tot Ion: 96 Resp: 8648

Ion Ratio Lower Upper

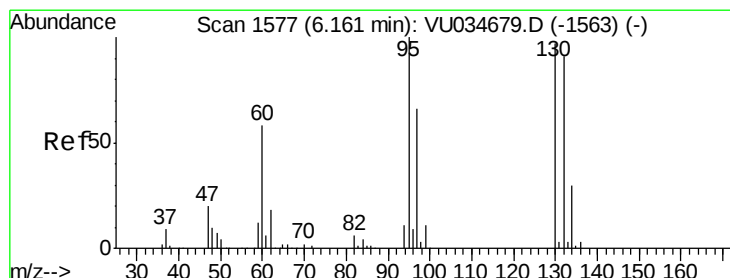
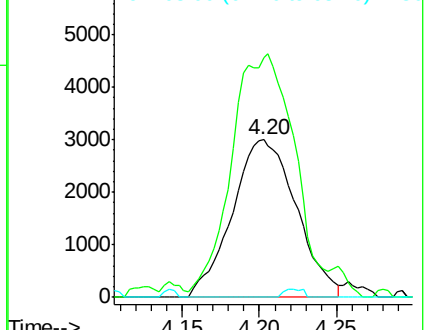
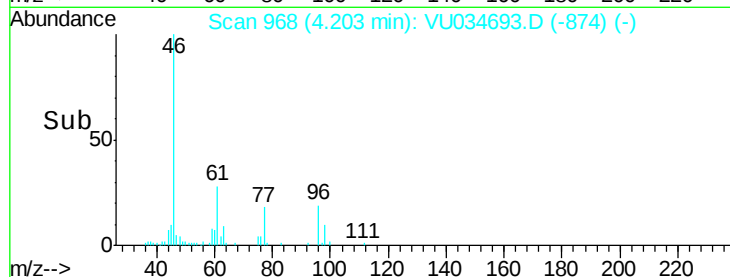
96 100

61 152.8 108.8 202.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU034693.D (-874) (-)



#34

Trichloroethene

Concen: 0.964 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VU034693.D

Acq: 20 Sep 2019 16:55

Tgt Ion: 95 Resp: 3845

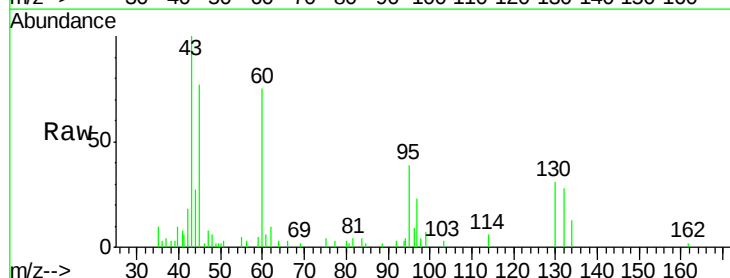
Ion Ratio Lower Upper

95 100

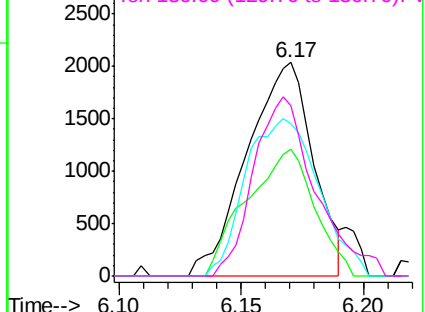
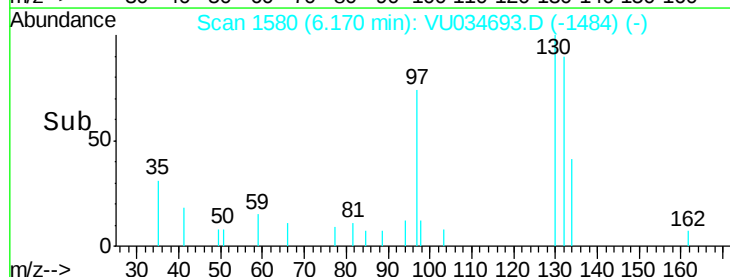
97 59.1 43.7 81.1

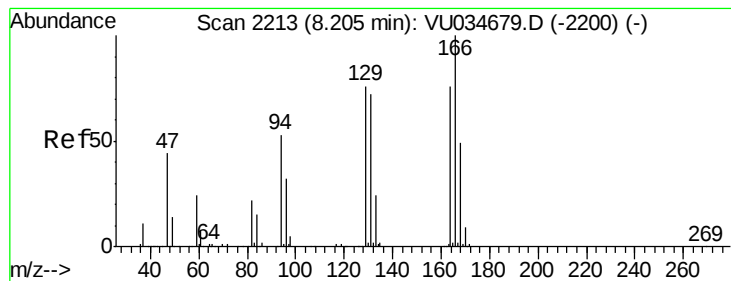
132 71.5 61.0 113.2

130 79.7 65.7 121.9



Abundance Ion 95.00 (94.70 to 95.70): VU034693.D (-1484) (-)





#46

Tetrachloroethene

Concen: 16.710 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034693.D

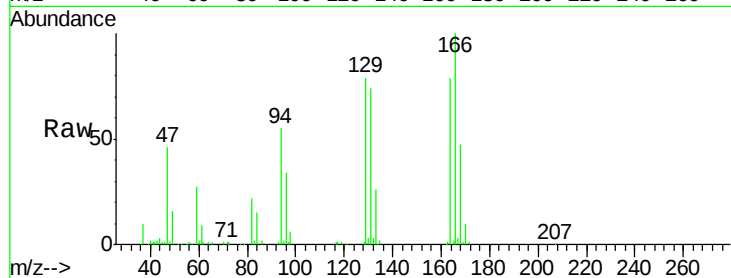
Acq: 20 Sep 2019 16:55

Instrument :

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Tot Ion:164 Resp: 46876

Ion Ratio Lower Upper

164 100

129 99.1 71.9 133.5

131 93.7 66.3 123.1

166 126.2 93.4 173.6

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

