

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032084.D
 Acq On : 17 May 2019 06:36
 Operator : JC/SP
 Sample : K2859-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W25

Quant Time: May 17 12:46:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 08:41:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	395578	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	394699	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156919	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	140327	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.67	69	123405	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.27	63	200860	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.19	46	270250	41.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.62%
24) Chloroform-d	4.64	84	247572	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.31	65	128615	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.33	84	520381	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.33	67	152295	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.56	98	437090	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.85	79	46092	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	8.31	63	230284	40.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	124397	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	155600	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

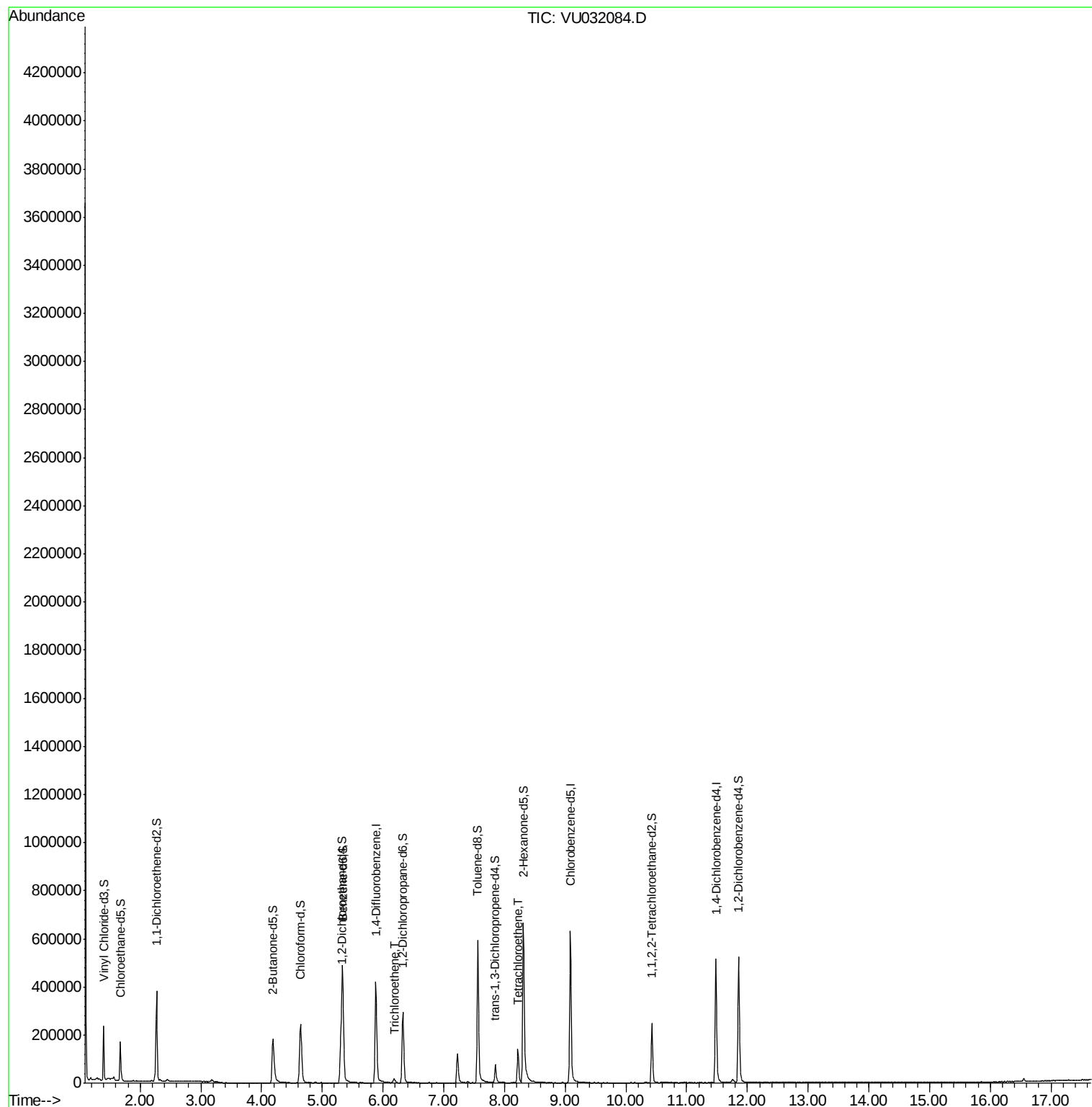
Target Compounds					Ovalue
34) Trichloroethene	6.18	95	5494	0.334 ug/L	82
47) Tetrachloroethene	8.22	164	35201	2.864 ug/L	96

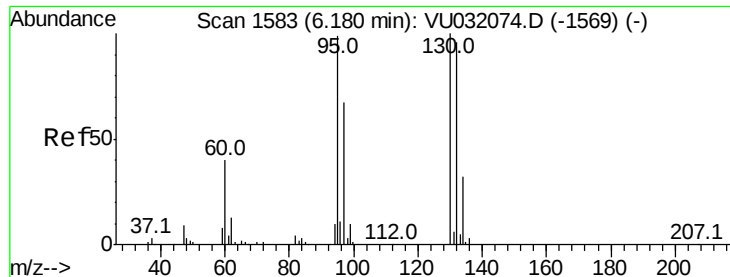
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.334 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032084.D

Acq: 17 May 2019 06:36

Instrument :

MSVOA_U

ClientSampleId :

F9W25

Tot Ion: 95 Resp: 5494

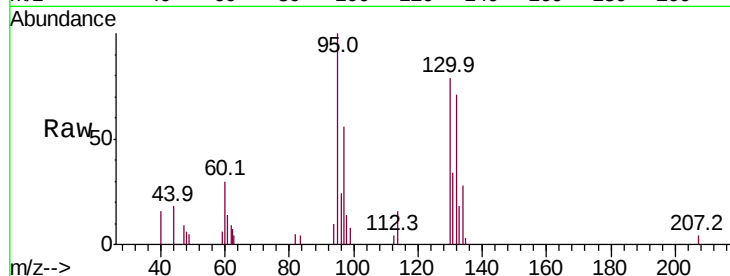
Ion Ratio Lower Upper

95 100

97 56.1 45.2 84.0

132 70.5 66.1 122.7

130 78.5 66.7 123.9

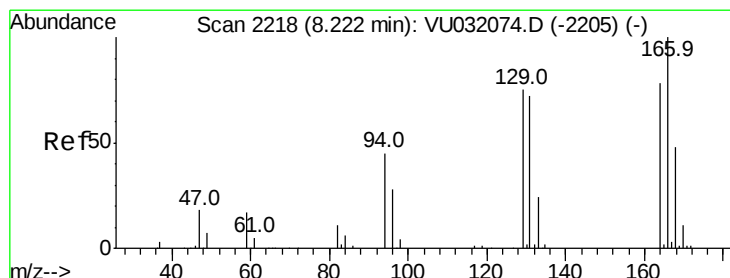
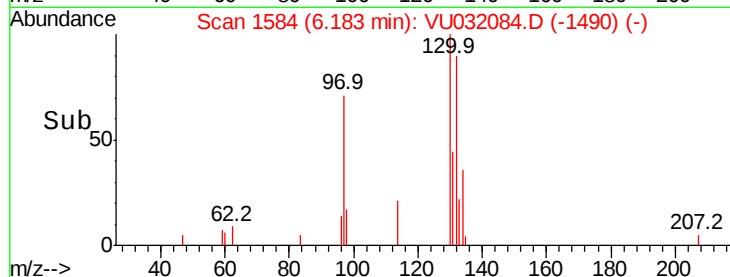
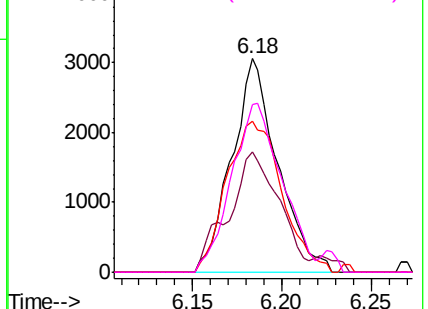


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 2.864 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 35201

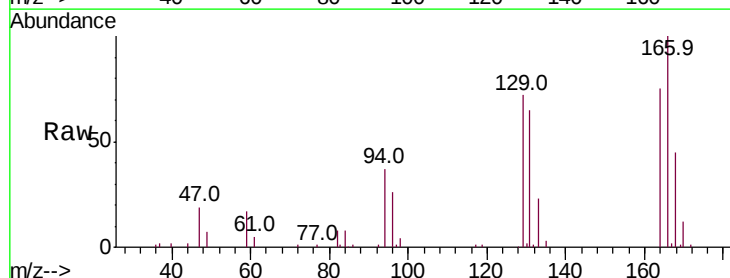
Ion Ratio Lower Upper

164 100

129 95.7 70.3 130.5

131 86.6 64.5 119.9

166 133.2 92.3 171.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

