

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032946.D
 Acq On : 21 Jun 2019 15:38
 Operator : JC/SP
 Sample : K3469-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-9-9.0-061919

Quant Time: Jun 22 01:50:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:32:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	196554	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	193557	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91863	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	50981	37.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.90%
7) Chloroethane-d5	1.67	69	44418	41.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.92%
11) 1,1-Dichloroethene-d2	2.26	63	79440	29.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.72%#
21) 2-Butanone-d5	4.17	46	119680	107.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.04%
24) Chloroform-d	4.64	84	117799	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.22%
26) 1,2-Dichloroethane-d4	5.30	65	83125	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
32) Benzene-d6	5.33	84	218768	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
36) 1,2-Dichloropropane-d6	6.33	67	73875	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.92%
41) Toluene-d8	7.56	98	191313	40.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.98%
43) trans-1,3-Dichloropropene-	7.84	79	35160	42.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.10%
47) 2-Hexanone-d5	8.31	63	69308	92.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.35%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	112621	45.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	79345	44.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.26%

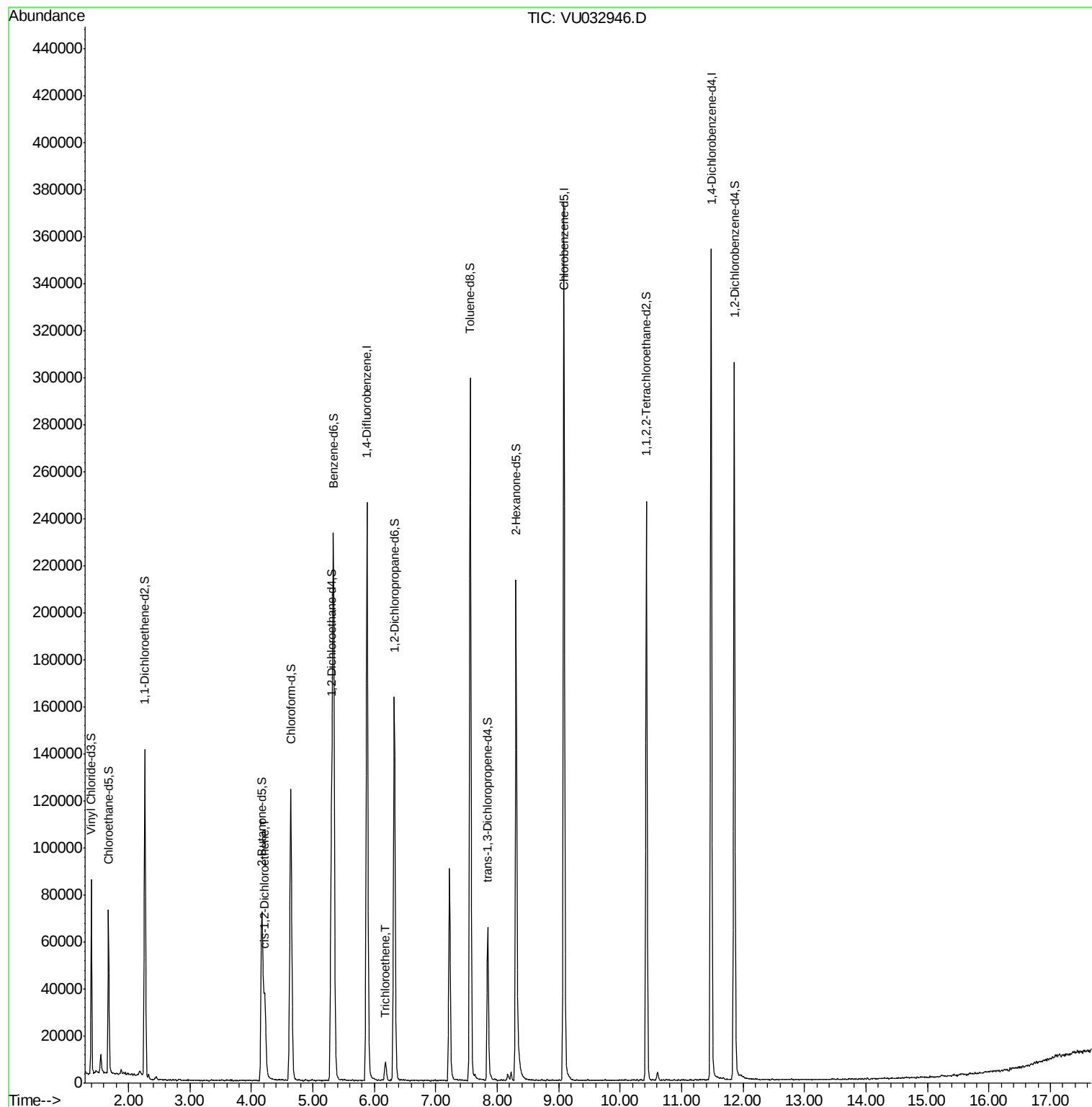
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	15279	10.449 ug/L	98
34) Trichloroethene	6.18	95	2127	1.428 ug/L	87

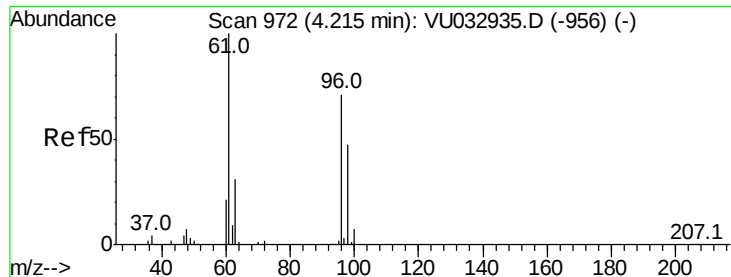
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 10.449 ug/L

RT: 4.22 min Scan# 910

Delta R.T. 0.00 min

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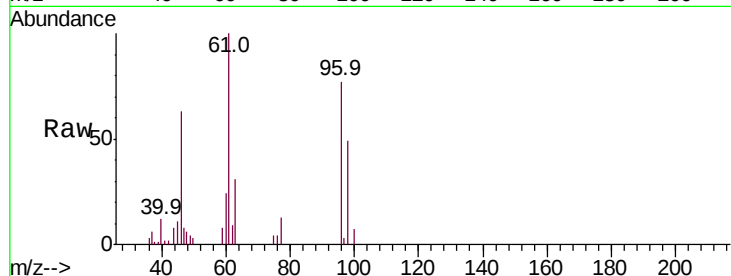
Tot Ion: 96 Resp: 15279

Ion Ratio Lower Upper

96 100

61 129.8 92.4 171.6

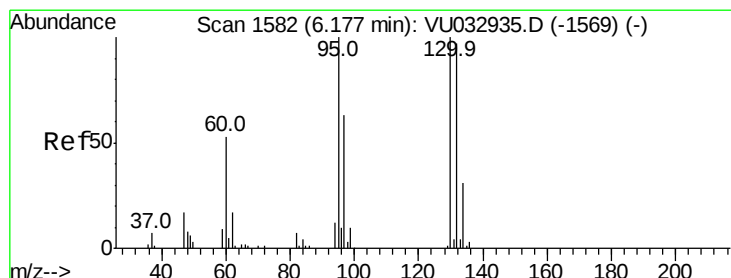
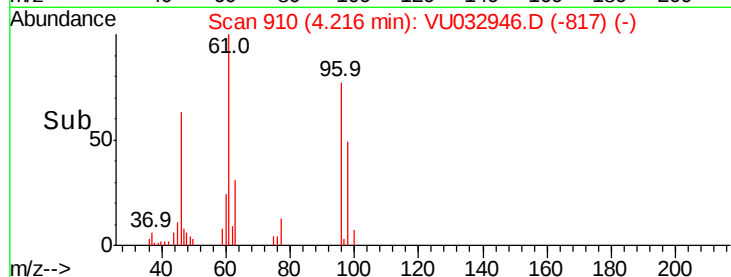
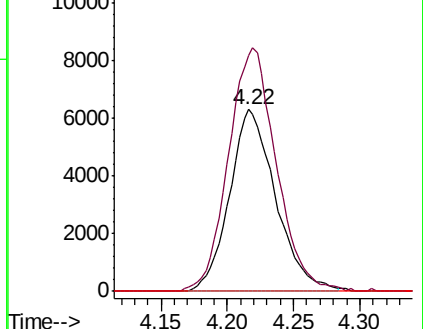
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 1.428 ug/L

RT: 6.18 min Scan# 1522

Delta R.T. 0.01 min

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Tgt Ion: 95 Resp: 2127

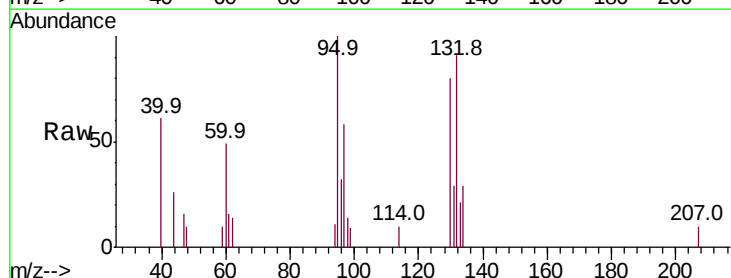
Ion Ratio Lower Upper

95 100

97 57.6 45.9 85.3

132 91.2 68.5 127.3

130 80.3 70.8 131.4



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

