

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092719\
 Data File : VU034869.D
 Acq On : 27 Sep 2019 12:49
 Operator : JC/SP
 Sample : K5044-01DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CWK33DL

Quant Time: Sep 28 01:36:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 28 00:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	83061	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	81390	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	36662	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	27580	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.67	69	23136	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.26	63	40542	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.18	46	72702	44.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.50%
24) Chloroform-d	4.62	84	34555	3.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.60%#
26) 1,2-Dichloroethane-d4	5.29	65	22806	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
32) Benzene-d6	5.31	84	85211	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
36) 1,2-Dichloropropane-d6	6.31	67	30332	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.54	98	81220	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.84	79	8797	2.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.40%
46) 2-Hexanone-d5	8.30	63	50426	38.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.64%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	21467	3.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	26049	4.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.40%

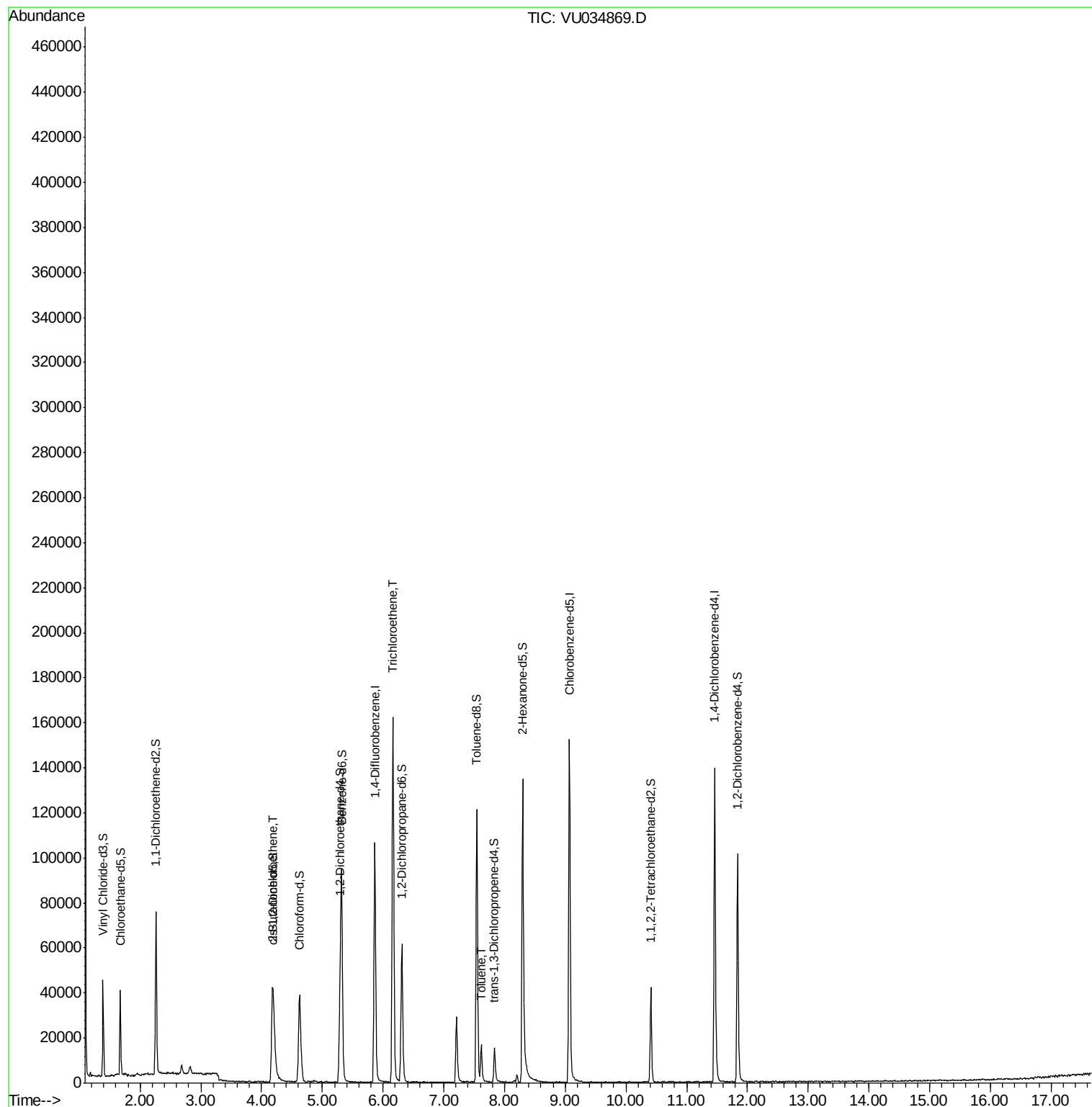
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.20	96	6202	1.089 ug/L	83
34) Trichloroethene	6.16	95	55645	10.144 ug/L	96
42) Toluene	7.62	91	11421	0.480 ug/L	97

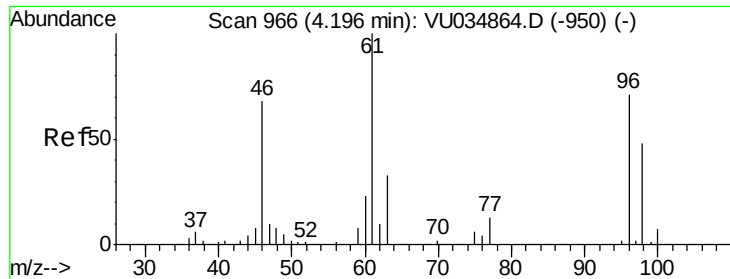
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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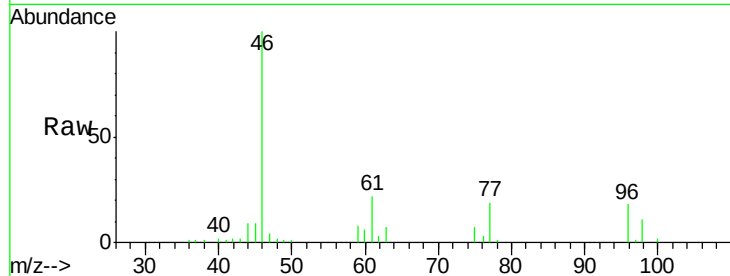


#22

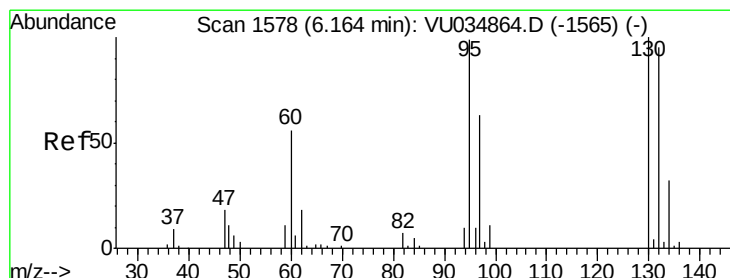
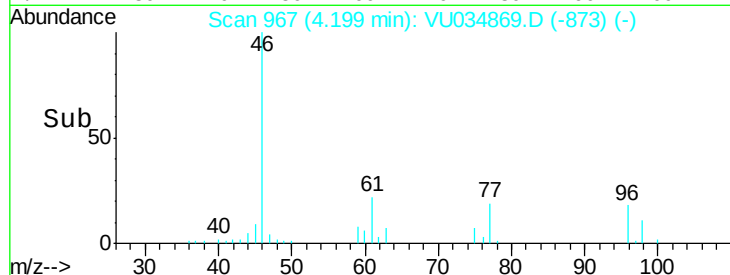
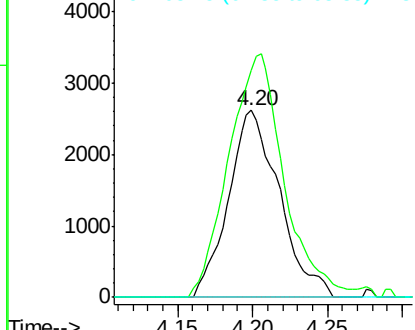
cis-1,2-Dichloroethene
 Concen: 1.089 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU034869.D
 Acq: 27 Sep 2019 12:49

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion: 96 Resp: 6202
 Ion Ratio Lower Upper
 96 100
 61 121.4 100.0 185.8
 68 0.0 0.0 0.0



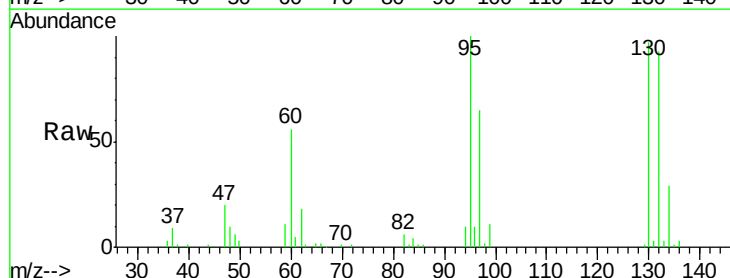
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



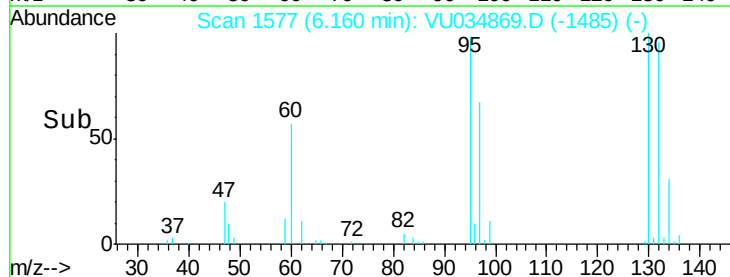
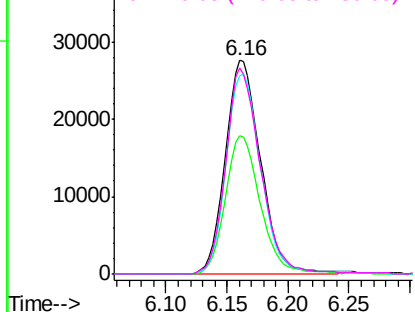
#34

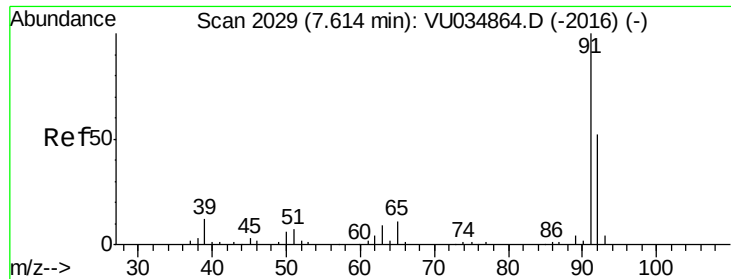
Trichloroethene
 Concen: 10.144 ug/L
 RT: 6.16 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: VU034869.D
 Acq: 27 Sep 2019 12:49

Tgt Ion: 95 Resp: 55645
 Ion Ratio Lower Upper
 95 100
 97 64.6 45.2 84.0
 132 92.8 60.9 113.1
 130 96.7 64.3 119.3



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





#42

Toluene

Concen: 0.480 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

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Tot Ion: 91 Resp: 11421

Ion Ratio Lower Upper

91 100

92 54.3 39.6 73.6

