

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071719\
 Data File : VU033295.D
 Acq On : 17 Jul 2019 17:11
 Operator : JC/SP
 Sample : K3772-03DL 500X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52L6DL

Quant Time: Jul 18 09:15:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 08:01:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	122872	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	130465	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	54789	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	47835	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.67	69	44469	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.26	63	77922	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.17	46	77229	33.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.24%
24) Chloroform-d	4.62	84	68491	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.00%
26) 1,2-Dichloroethane-d4	5.29	65	46461	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.31	84	157919	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.31	67	53525	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.55	98	135139	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	7.84	79	20027	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.30	63	80938	42.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.06%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	44822	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	52936	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

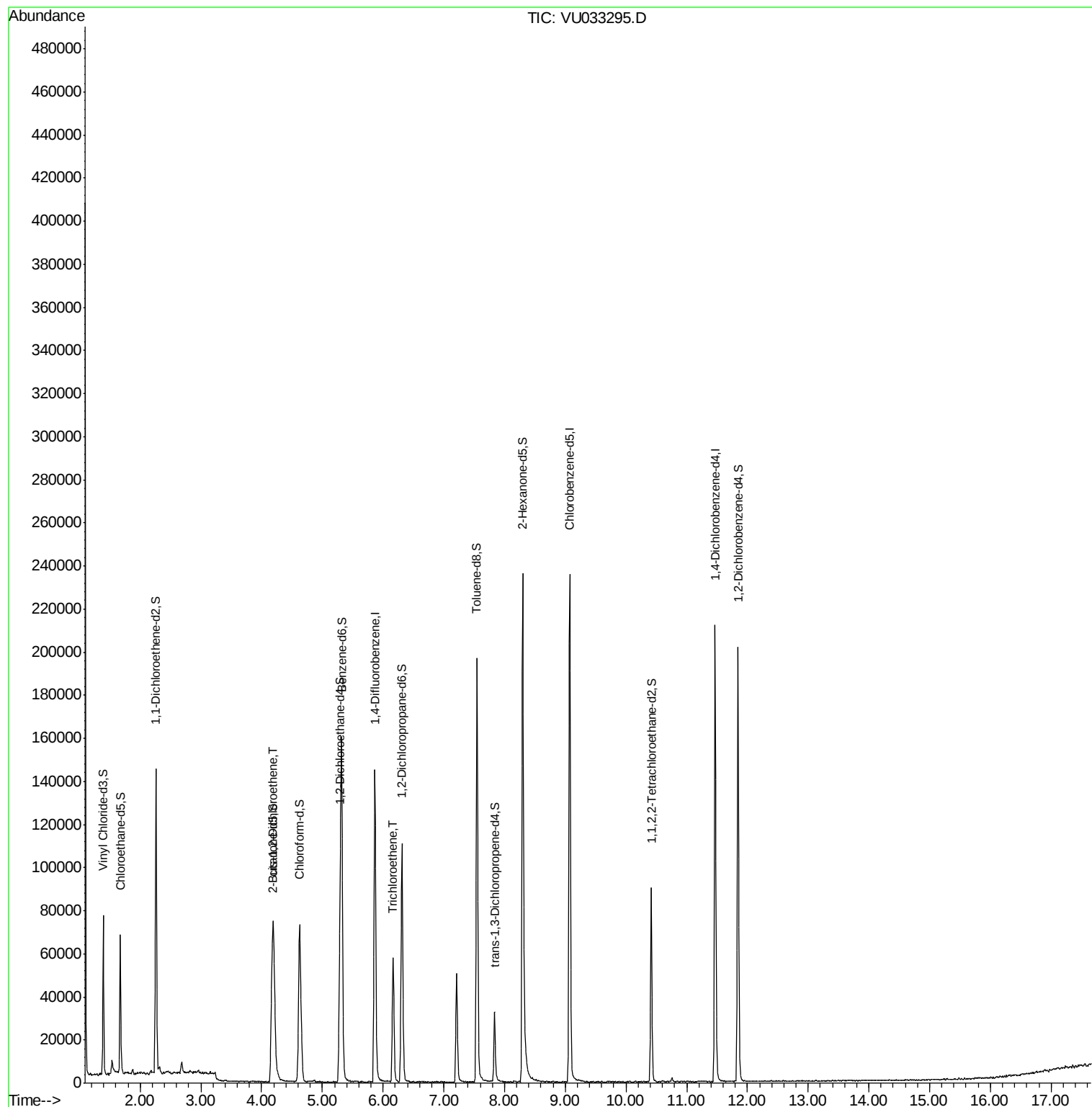
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.20	96	23785	2.524 ug/L	95
34) Trichloroethene	6.16	95	20724	2.120 ug/L	96

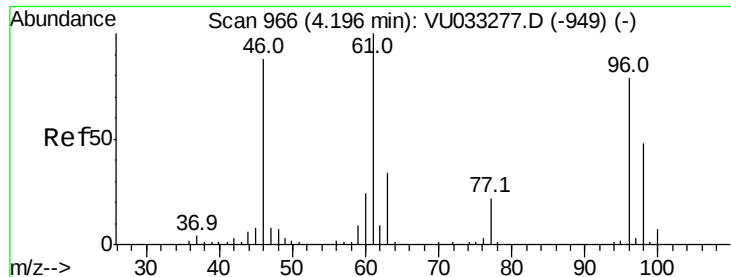
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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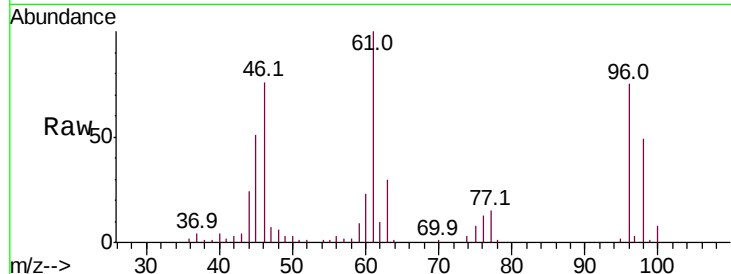


#22

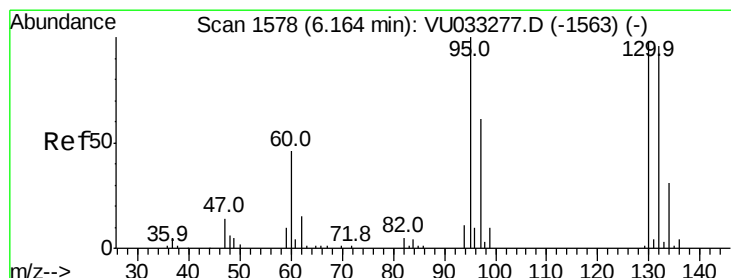
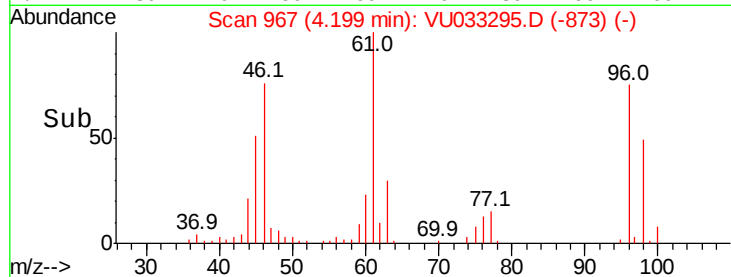
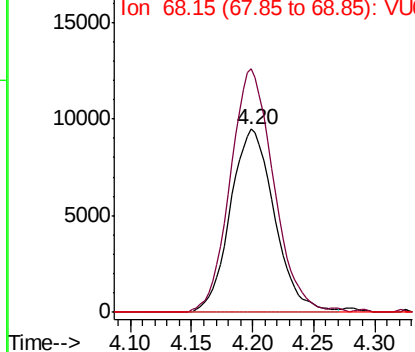
cis-1,2-Dichloroethene
Concen: 2.524 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033295.D
Acq: 17 Jul 2019 17:11

Instrument :
MSVOA_U
ClientSampleId :
A52L6DL

Tot Ion: 96 Resp: 23785
Ion Ratio Lower Upper
96 100
61 133.0 89.2 165.6
68 0.0 0.0 0.0



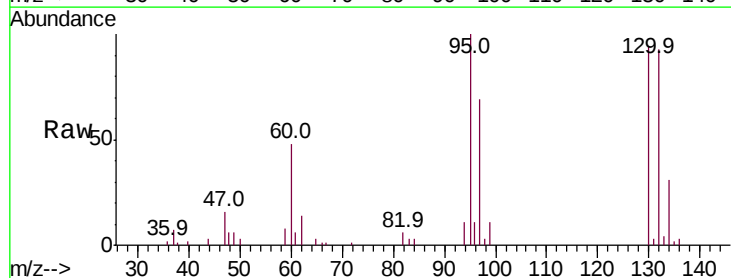
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene
Concen: 2.120 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU033295.D
Acq: 17 Jul 2019 17:11

Tgt Ion: 95 Resp: 20724
Ion Ratio Lower Upper
95 100
97 68.8 44.5 82.7
132 93.4 66.6 123.8
130 93.7 68.9 127.9



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

