

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033401.D
 Acq On : 25 Jul 2019 11:41
 Operator : JC/SP
 Sample : K3957-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2A04

Quant Time: Jul 26 05:16:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 04:32:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	266714	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	273022	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	117964	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80588	39.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.82%
7) Chloroethane-d5	1.67	69	77737	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.14%
11) 1,1-Dichloroethene-d2	2.26	63	114488	31.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.52%
21) 2-Butanone-d5	4.15	46	126404	98.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.81%
24) Chloroform-d	4.62	84	157364	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
26) 1,2-Dichloroethane-d4	5.29	65	108425	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
32) Benzene-d6	5.32	84	300135	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.62%
36) 1,2-Dichloropropane-d6	6.31	67	102207	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.28%
41) Toluene-d8	7.55	98	264603	41.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.78%
43) trans-1,3-Dichloropropene-	7.83	79	45130	42.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.80%
47) 2-Hexanone-d5	8.30	63	89497	92.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.53%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	158632	48.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	107297	51.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.00%

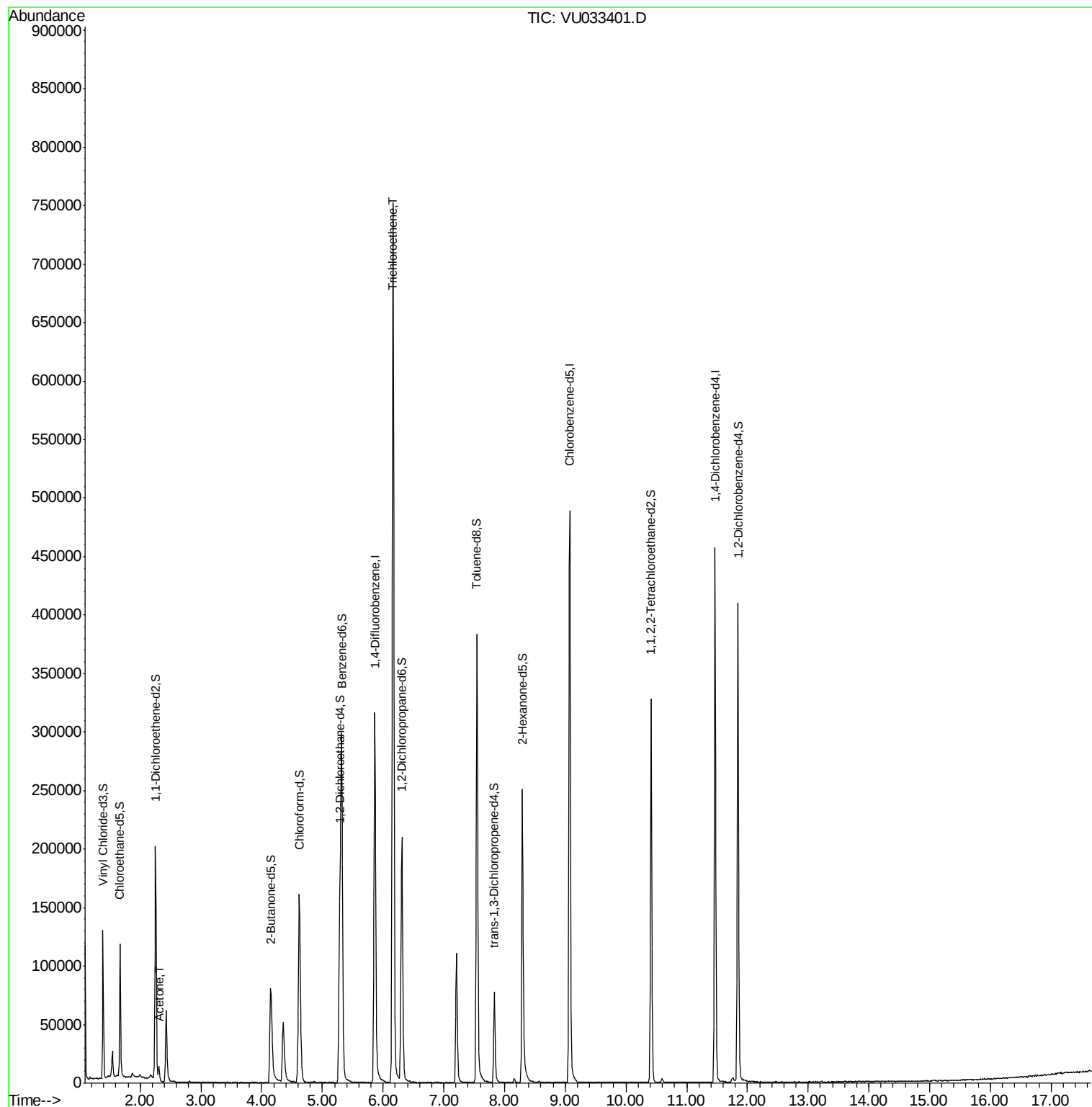
Target Compounds					Ovalue
13) Acetone	2.31	43	12765	7.986 ug/L	97
34) Trichloroethene	6.16	95	264438	126.994 ug/L	99

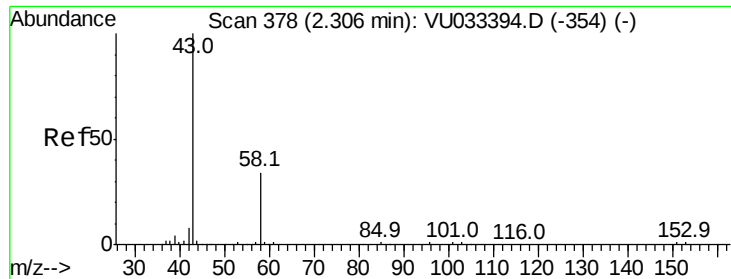
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.986 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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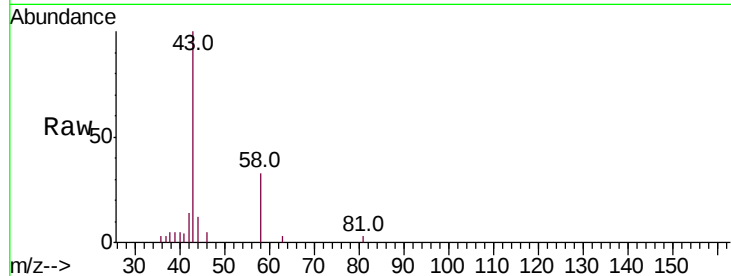
F2A04

Tot Ion: 43 Resp: 12765

Ion Ratio Lower Upper

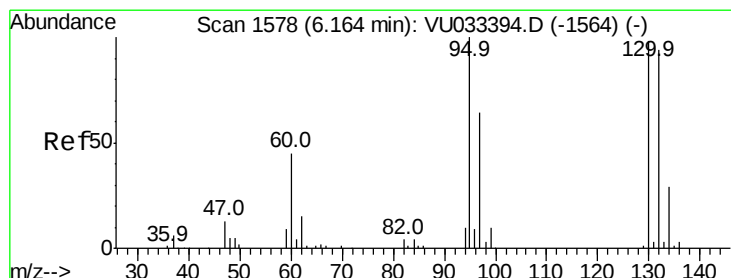
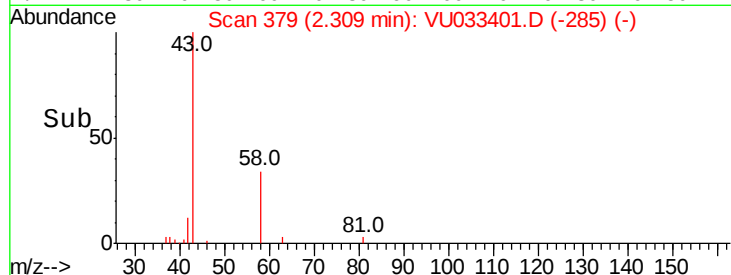
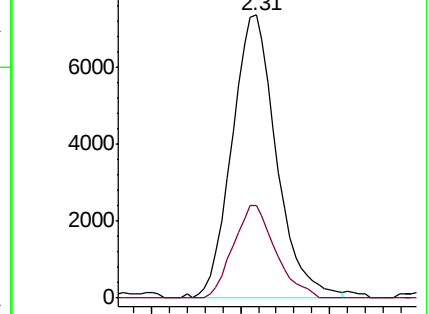
43 100

58 31.1 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033394.D (-354) (-)

Ion 58.00 (57.70 to 58.70): VU033394.D (-354) (-)



#34

Trichloroethene

Concen: 126.994 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 264438

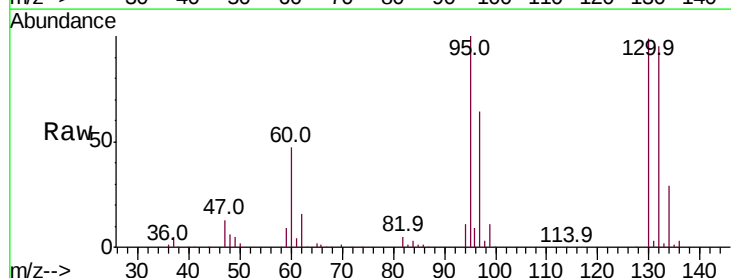
Ion Ratio Lower Upper

95 100

97 64.0 43.8 81.4

132 95.4 65.5 121.6

130 99.2 69.7 129.5



Abundance Ion 95.00 (94.70 to 95.70): VU033394.D (-1564) (-)

Ion 97.00 (96.70 to 97.70): VU033394.D (-1564) (-)

Ion 132.00 (131.70 to 132.70): VU033394.D (-1564) (-)

Ion 130.00 (129.70 to 130.70): VU033394.D (-1564) (-)

