

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033416.D
 Acq On : 25 Jul 2019 18:02
 Operator : JC/SP
 Sample : K3957-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2A24

Quant Time: Jul 26 06:32:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 05:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	279111	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	282851	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	125947	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	124196	58.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.56%
7) Chloroethane-d5	1.67	69	110386	61.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.32%
11) 1,1-Dichloroethene-d2	2.25	63	169457	44.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.44%
21) 2-Butanone-d5	4.15	46	146380	109.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.34%
24) Chloroform-d	4.62	84	191121	53.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.96%
26) 1,2-Dichloroethane-d4	5.29	65	128987	56.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.60%
32) Benzene-d6	5.32	84	397225	57.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.50%
36) 1,2-Dichloropropane-d6	6.31	67	129372	58.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.40%
41) Toluene-d8	7.55	98	359748	54.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.96%
43) trans-1,3-Dichloropropene-	7.83	79	57951	53.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.34%
47) 2-Hexanone-d5	8.29	63	106138	105.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	185669	55.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	134594	59.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.84%

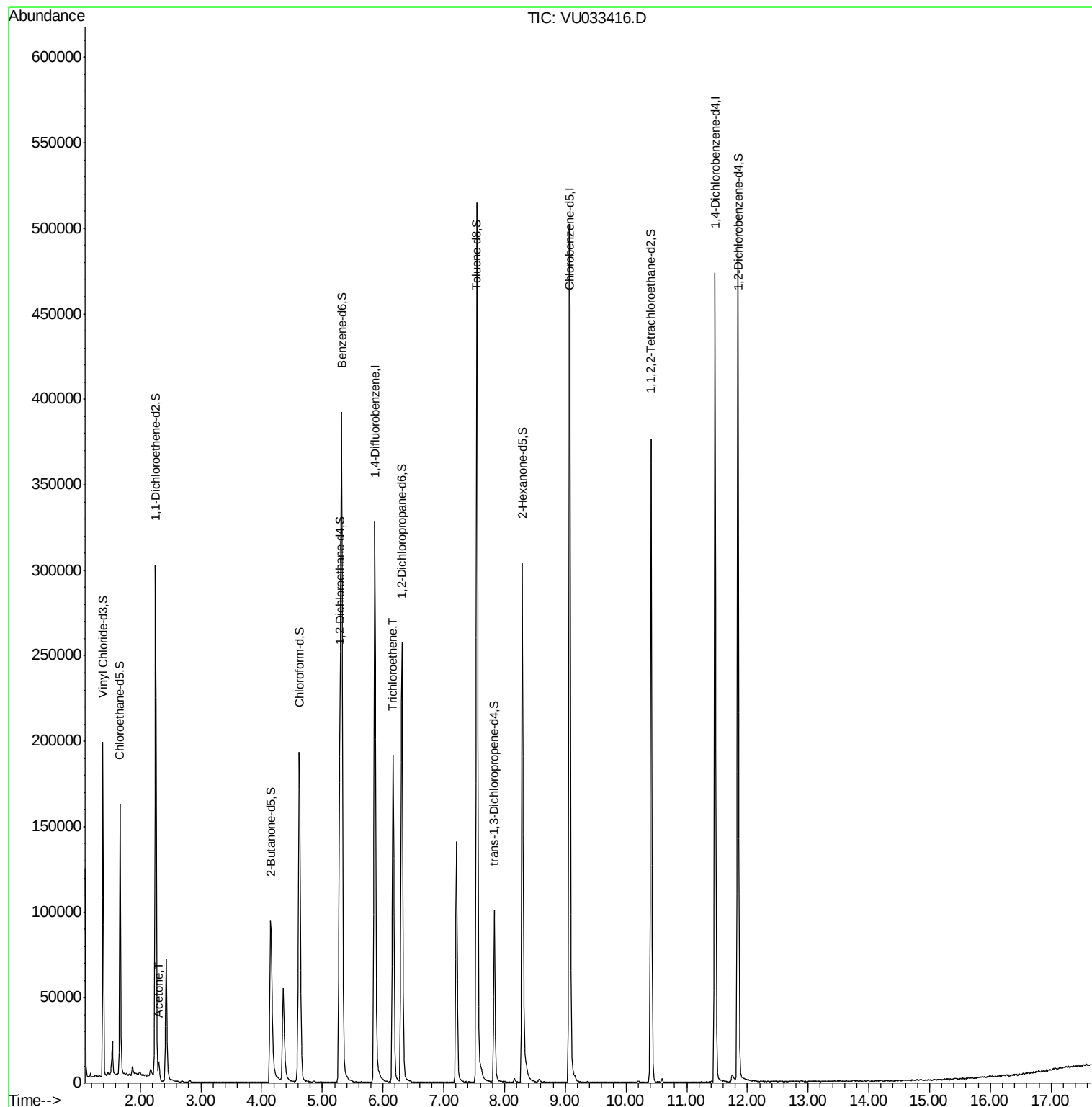
Target Compounds					Ovalue
13) Acetone	2.31	43	9790	5.853 ug/L	99
34) Trichloroethene	6.16	95	67825	31.440 ug/L	98

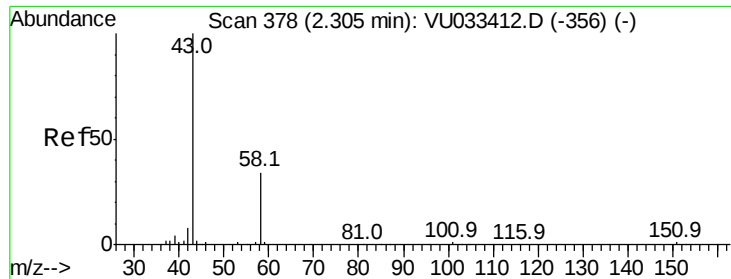
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.853 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

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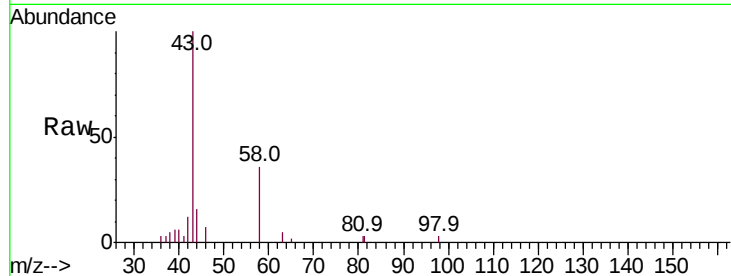
F2A24

Tot Ion: 43 Resp: 9790

Ion Ratio Lower Upper

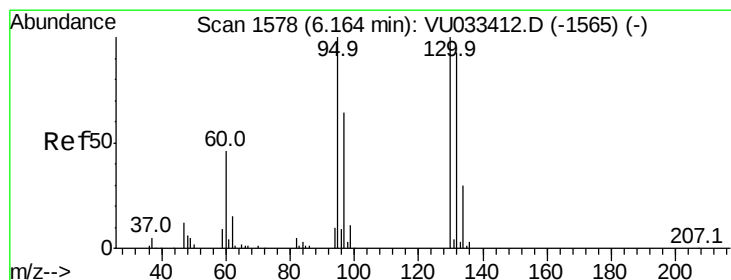
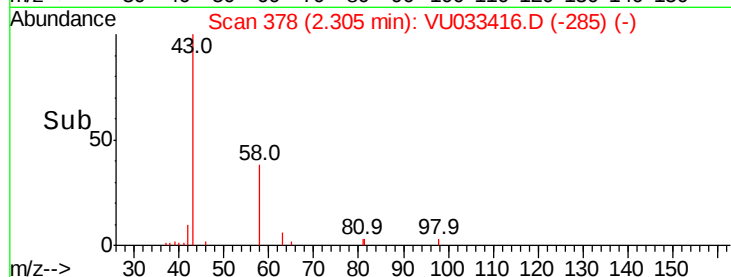
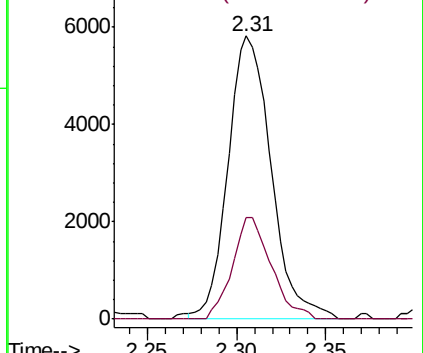
43 100

58 32.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033412.D (-356) (-)

Ion 58.00 (57.70 to 58.70): VU033412.D (-356) (-)



#34

Trichloroethene

Concen: 31.440 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 67825

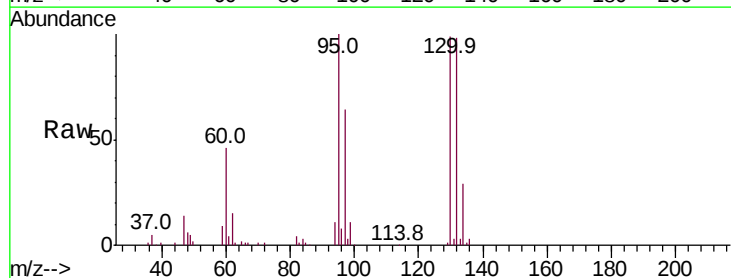
Ion Ratio Lower Upper

95 100

97 63.5 43.8 81.4

132 97.9 65.5 121.6

130 99.4 69.7 129.5



Abundance Ion 95.00 (94.70 to 95.70): VU033412.D (-1565) (-)

Ion 97.00 (96.70 to 97.70): VU033412.D (-1565) (-)

Ion 132.00 (131.70 to 132.70): VU033412.D (-1565) (-)

Ion 130.00 (129.70 to 130.70): VU033412.D (-1565) (-)

