

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041219\
 Data File : VU031143.D
 Acq On : 12 Apr 2019 20:54
 Operator : JC/SP
 Sample : K2403-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A5129

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:47:40 PM

Quant Time: Apr 13 02:48:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 01:01:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	494490	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	486862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	207721	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	206008	46.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.34%
7) Chloroethane-d5	1.68	69	157096	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.78%
11) 1,1-Dichloroethene-d2	2.26	63	261837	32.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.60%
21) 2-Butanone-d5	4.17	46	290768	83.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.11%
24) Chloroform-d	4.64	84	292859m	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.86%
26) 1,2-Dichloroethane-d4	5.31	65	207421	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
32) Benzene-d6	5.33	84	608993	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.70%
36) 1,2-Dichloropropane-d6	6.32	67	216920	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.06%
41) Toluene-d8	7.56	98	548445	43.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.06%
43) trans-1,3-Dichloropropene-	7.85	79	91611	41.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.50%
47) 2-Hexanone-d5	8.31	63	179442	80.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297971	45.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	200427	49.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.12%

Target Compounds					Ovalue
13) Acetone	2.32	43	150850	42.138 ug/L	99
22) 2-Butanone	4.27	43	74905	17.846 ug/L	90

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

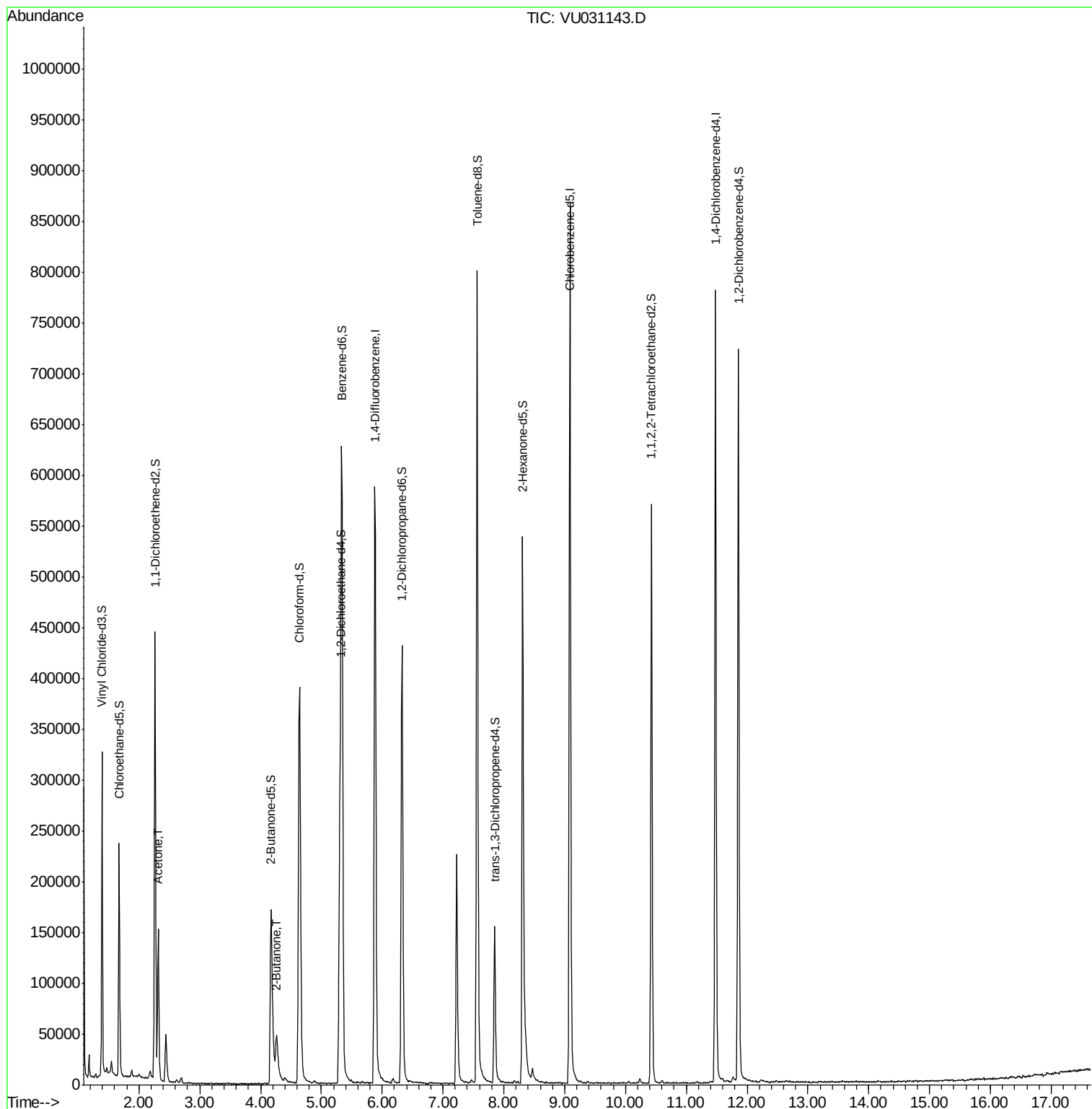
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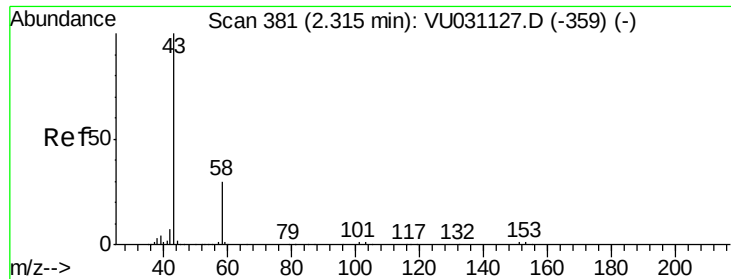
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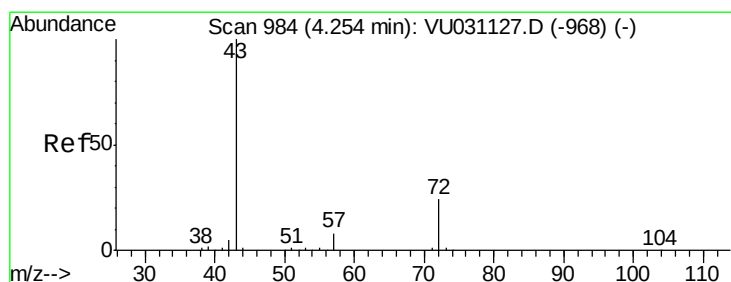
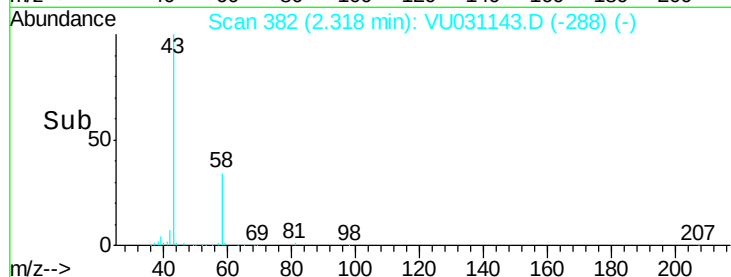
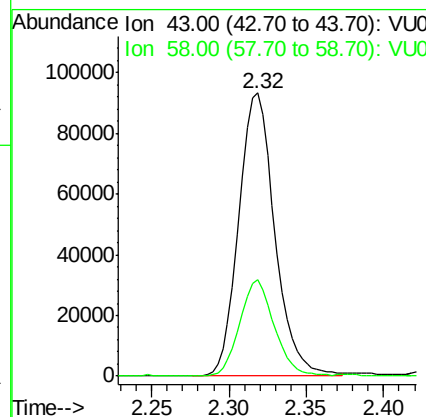
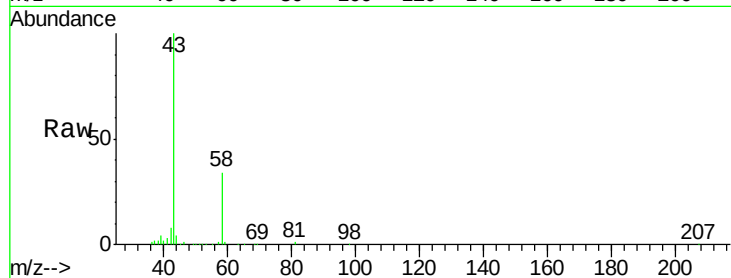
#13
Acetone
Concen: 42.138 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU031143.D
Acq: 12 Apr 2019 20:54

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Tot Ion	43	Resp	150850
Ion Ratio	43	100	Lower Upper
	58	32.7	0.0 64.0

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#22
2-Butanone
Concen: 17.846 ug/L
RT: 4.27 min Scan# 988
Delta R.T. 0.01 min
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Tgt Ion	43	Resp	74905
Ion Ratio	43	100	Lower Upper
	72	26.3	10.8 32.4

