

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032719\  
 Data File : VU030475.D  
 Acq On : 27 Mar 2019 11:58  
 Operator : JC/SP  
 Sample : K2022-14  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleID :  
 C09D3

Quant Time: Mar 28 11:17:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 28 01:25:46 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	400132	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	377452	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148943	50.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	159082	49.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.80%
7) Chloroethane-d5	1.68	69	137965	54.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.10%
11) 1,1-Dichloroethene-d2	2.27	63	238377	39.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.04%
21) 2-Butanone-d5	4.17	46	344875	113.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.93%
24) Chloroform-d	4.64	84	310426	55.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.90%
26) 1,2-Dichloroethane-d4	5.31	65	209670	57.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.50%
32) Benzene-d6	5.34	84	616856	56.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.98%
36) 1,2-Dichloropropane-d6	6.33	67	222163	59.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.98%
41) Toluene-d8	7.56	98	524166	53.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.84%
43) trans-1,3-Dichloropropene-	7.85	79	96462	55.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.78%
47) 2-Hexanone-d5	8.31	63	213520	106.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	301536	56.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	176059	58.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.98%

## Target Compounds

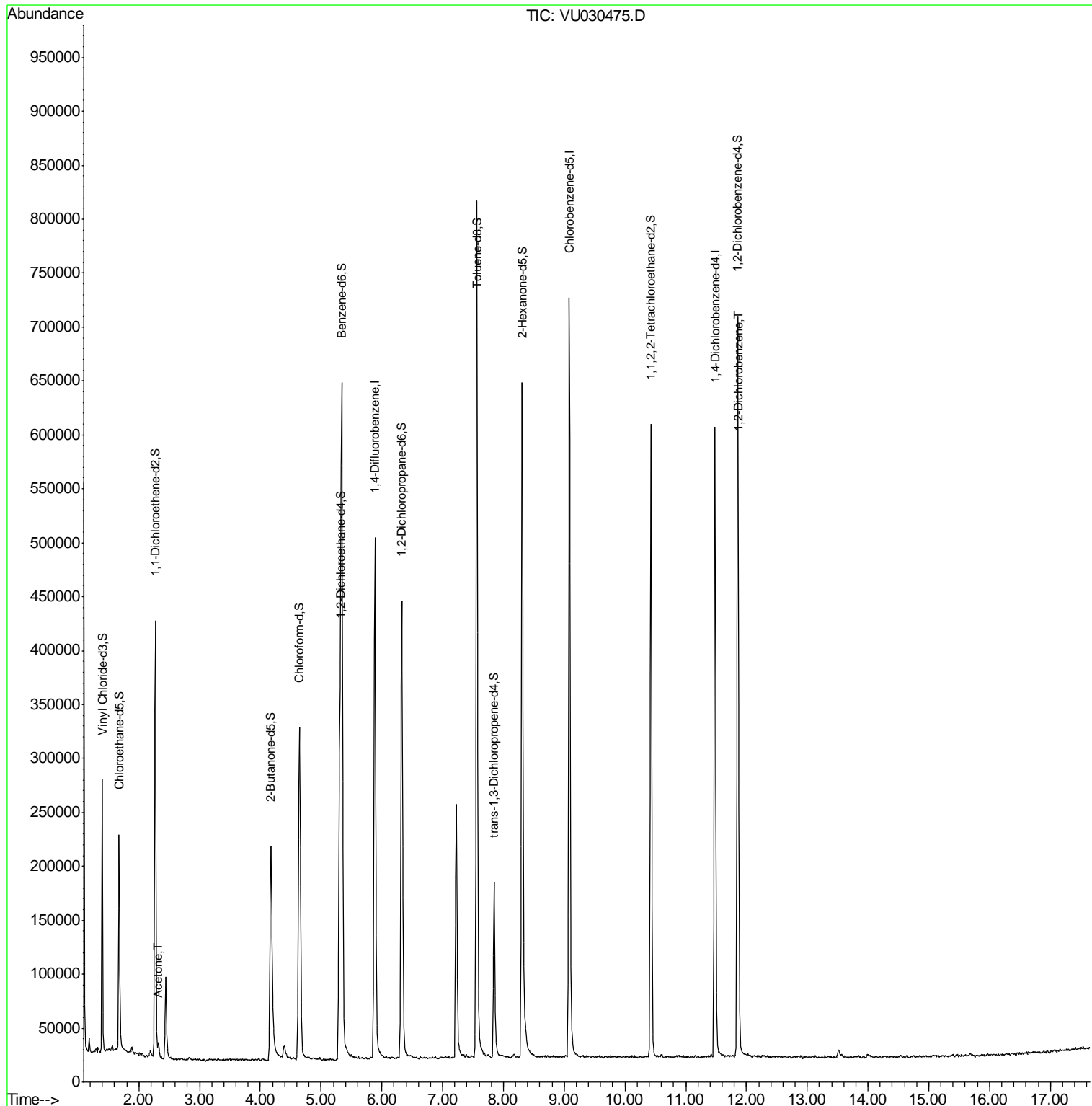
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	10856	3.546	ug/L	96
65) 1,2-Dichlorobenzene	11.87	146	15399	3.127	ug/L	95

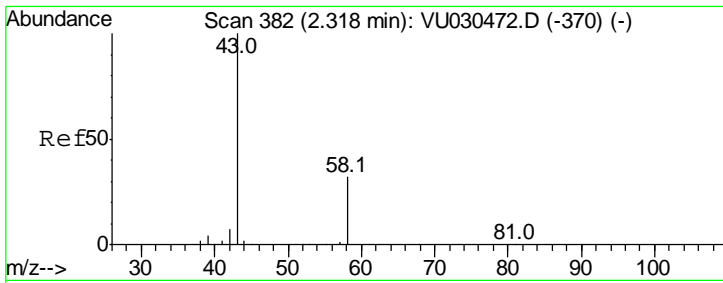
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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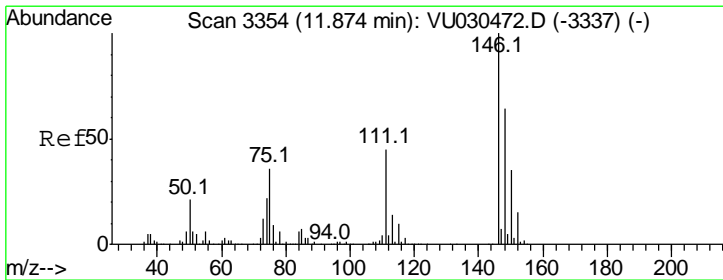
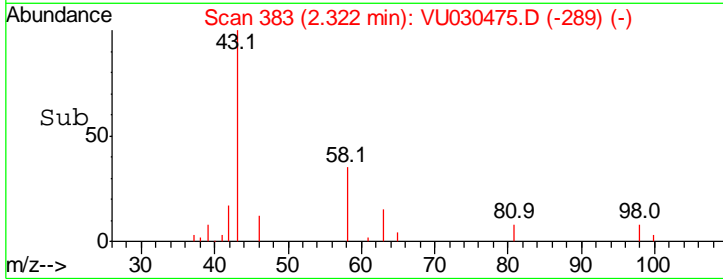
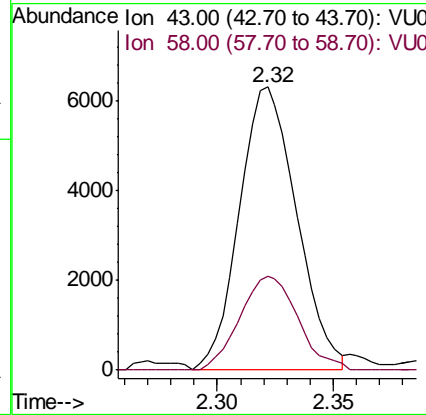
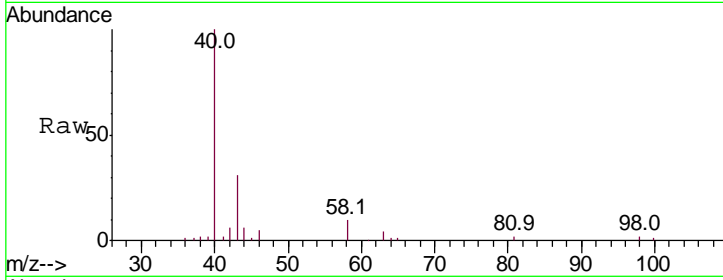




#13  
 Acetone  
 Concen: 3.546 ug/L  
 RT: 2.32 min Scan# 383  
 Delta R.T. 0.00 min  
 Lab File: VU030475.D  
 Acq: 27 Mar 2019 11:58

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 C09D3

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.6	0.0	62.8



#65  
 1,2-Dichlorobenzene  
 Concen: 3.127 ug/L  
 RT: 11.87 min Scan# 3354  
 Delta R.T. 0.00 min  
 Lab File: VU030475.D  
 Acq: 27 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.2	34.9	52.3
148	62.3	51.2	76.8

