

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
 Data File : VU028853.D
 Acq On : 21 Dec 2018 02:44
 Operator : MD/SY
 Sample : J6513-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F67

Quant Time: Dec 21 07:38:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 05:57:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	229252	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	212978	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89273	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73095	39.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.54%
7) Chloroethane-d5	1.67	69	60130	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.72%
11) 1,1-Dichloroethene-d2	2.27	63	93648	30.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.60%
21) 2-Butanone-d5	4.18	46	132491	102.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.89%
24) Chloroform-d	4.65	84	126981	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
26) 1,2-Dichloroethane-d4	5.31	65	82309	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
32) Benzene-d6	5.34	84	276063	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
36) 1,2-Dichloropropane-d6	6.33	67	96301	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.22%
41) Toluene-d8	7.56	98	241707	44.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.66%
43) trans-1,3-Dichloropropene-	7.85	79	40706	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.88%
47) 2-Hexanone-d5	8.31	63	105584	108.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	136731	48.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	88326	48.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.84%

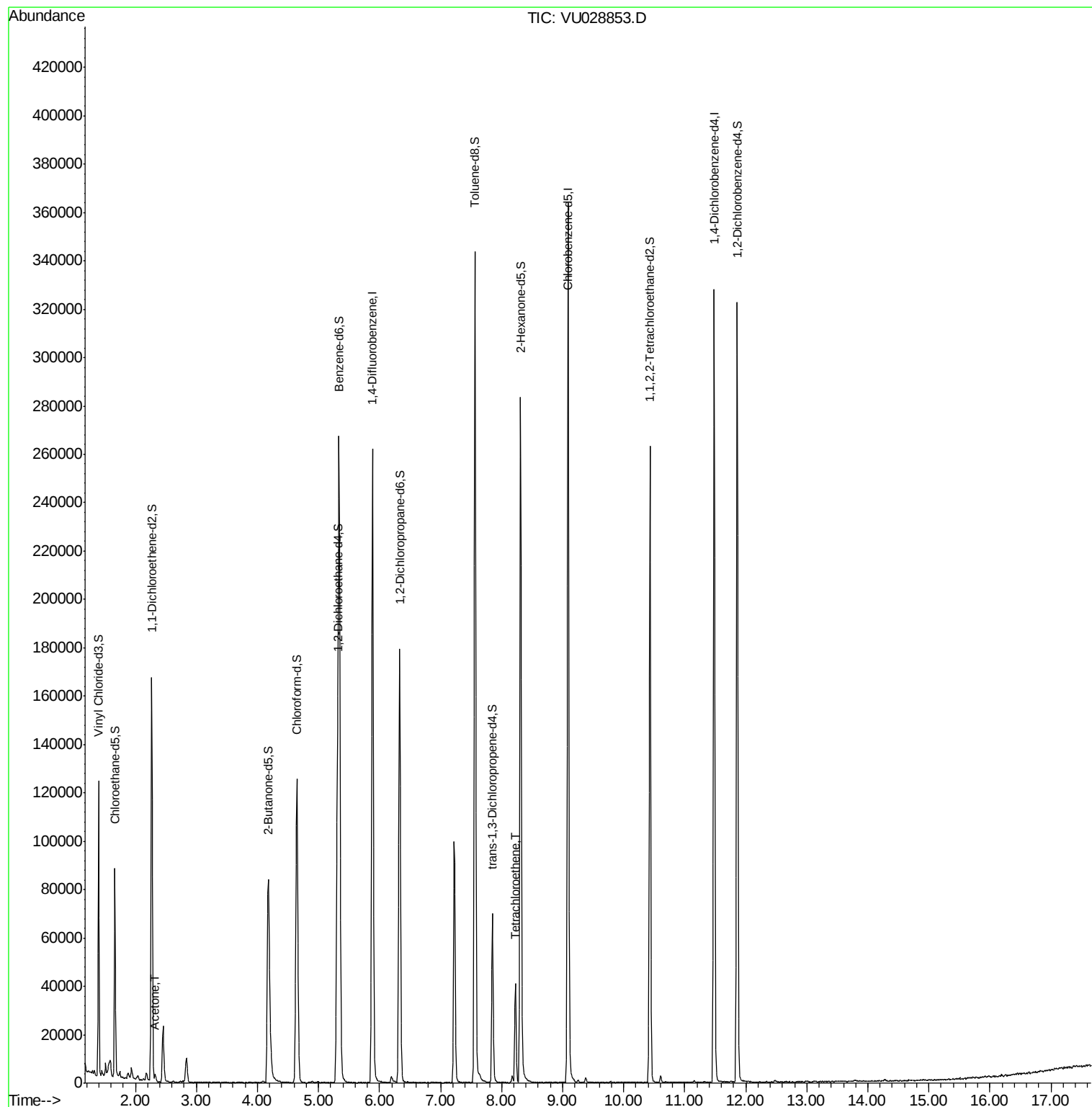
Target Compounds					Qvalue
13) Acetone	2.32	43	1943	1.481 ug/L	84
46) Tetrachloroethene	8.22	164	10132	8.037 ug/L	95

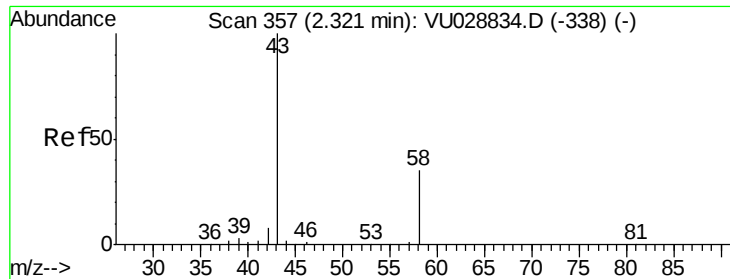
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.481 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028853.D

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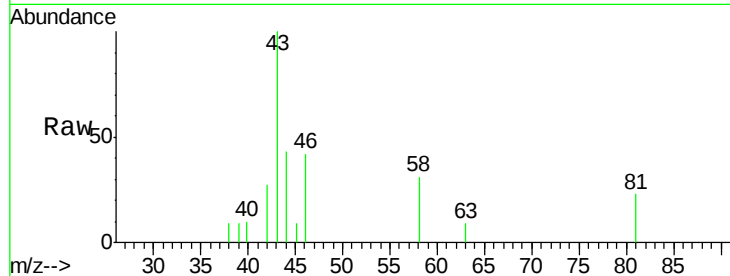
F9F67

Tgt Ion: 43 Resp: 1943

Ion Ratio Lower Upper

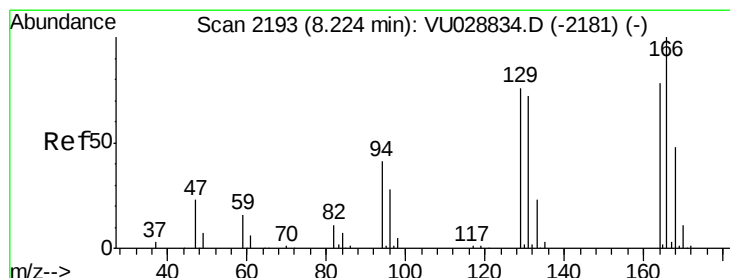
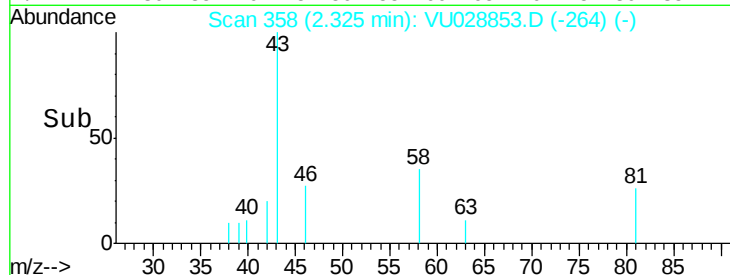
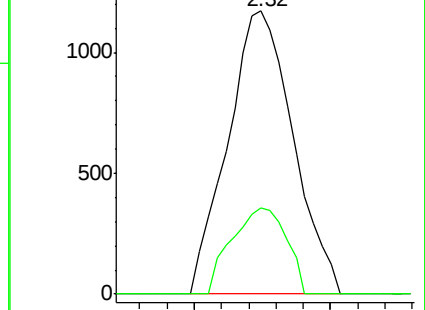
43 100

58 25.6 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU028853.D (-264) (-)

Ion 58.00 (57.70 to 58.70): VU028853.D (-264) (-)



#46

Tetrachloroethene

Concen: 8.037 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU028853.D

Acq: 21 Dec 2018 02:44

Tgt Ion: 164 Resp: 10132

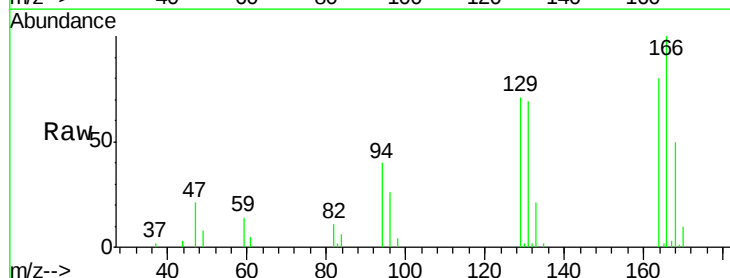
Ion Ratio Lower Upper

164 100

129 89.0 66.8 124.0

131 86.7 64.2 119.2

166 125.0 90.8 168.6



Abundance Ion 164.00 (163.70 to 164.70): VU028853.D (-2100) (-)

Ion 129.00 (128.70 to 129.70): VU028853.D (-2100) (-)

Ion 131.00 (130.70 to 131.70): VU028853.D (-2100) (-)

Ion 166.00 (165.70 to 166.70): VU028853.D (-2100) (-)

