

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072019\
 Data File : VU033349.D
 Acq On : 19 Jul 2019 23:54
 Operator : JC/SP
 Sample : K3890-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52Q7

Quant Time: Jul 20 05:40:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 20 05:21:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	102952	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	108946	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	47222	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	43455	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.67	69	39334	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.26	63	69558	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.17	46	93739	47.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.96%
24) Chloroform-d	4.62	84	65946	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.29	65	40344	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.32	84	135655	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.31	67	46736	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.55	98	111198	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.83	79	16472	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.30	63	84076	52.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.82%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	41820	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	45306	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

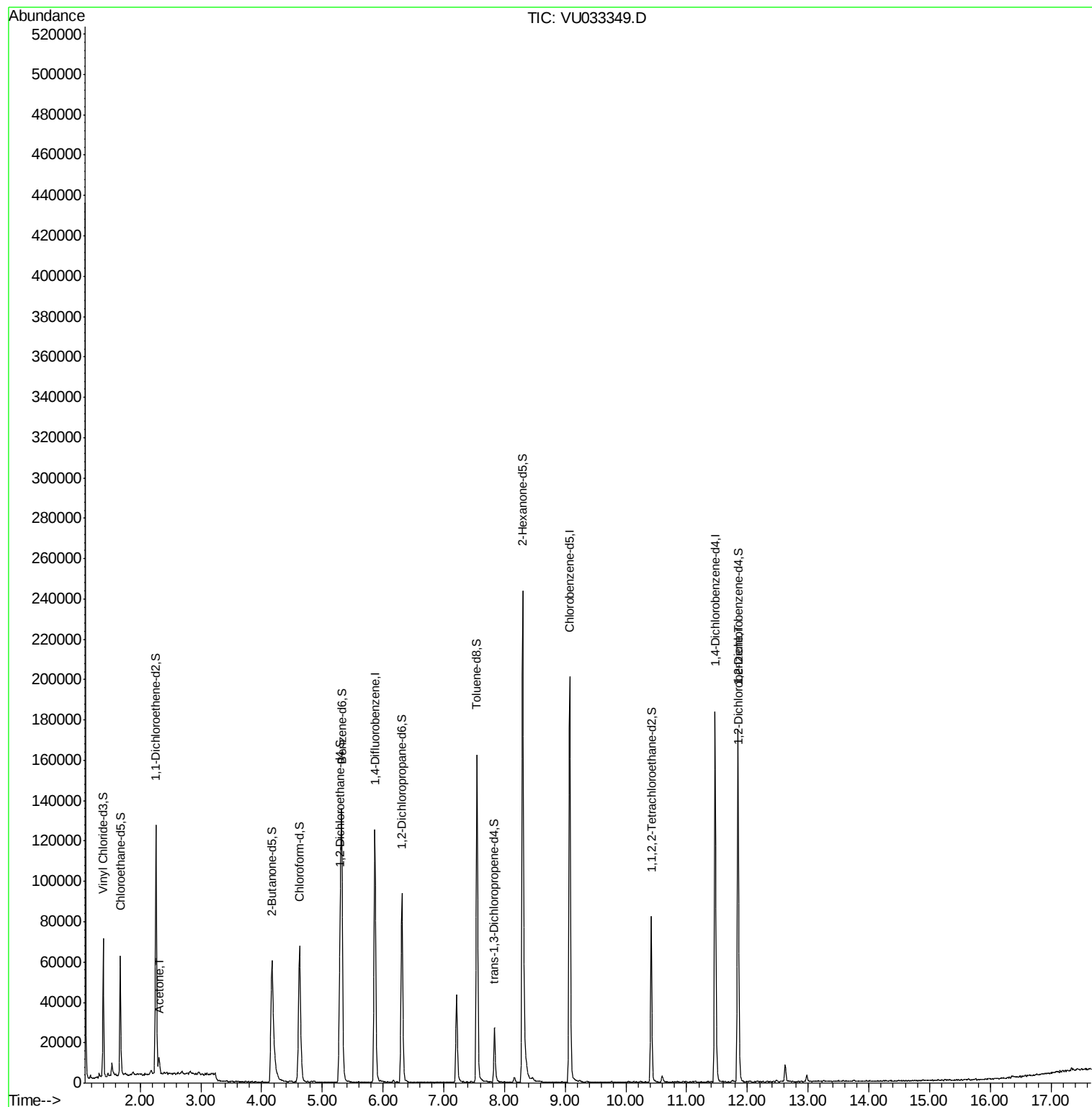
Target Compounds					Ovalue
13) Acetone	2.31	43	7242	4.234 ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	2671	0.191 ug/L #	78

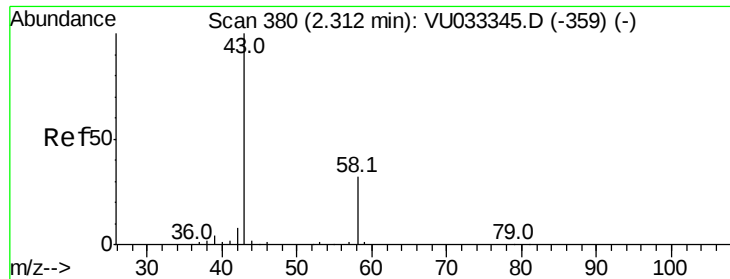
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.234 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

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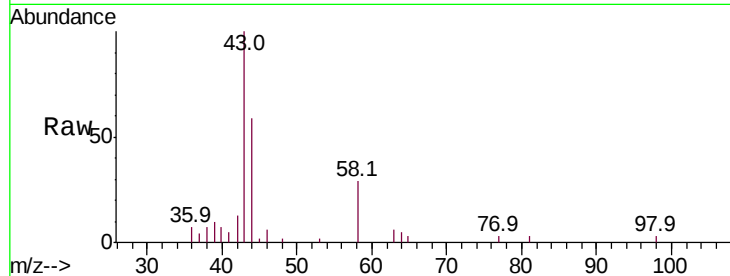
A52Q7

Tot Ion: 43 Resp: 7242

Ion Ratio Lower Upper

43 100

58 33.5 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU033345.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU033345.D (-359) (-)

2.31

4000

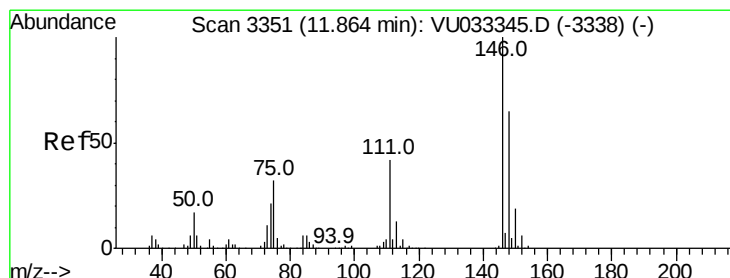
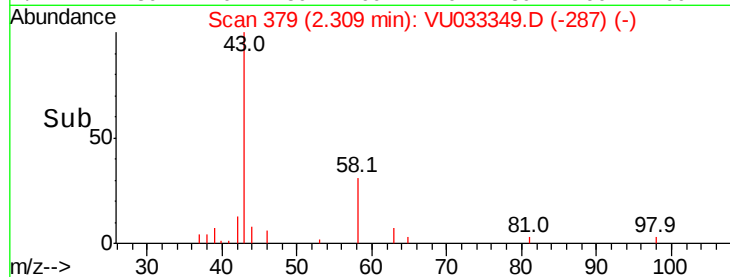
3000

2000

1000

0

Time-->



#65

1,2-Dichlorobenzene

Concen: 0.191 ug/L

RT: 11.86 min Scan# 3350

Delta R.T. -0.00 min

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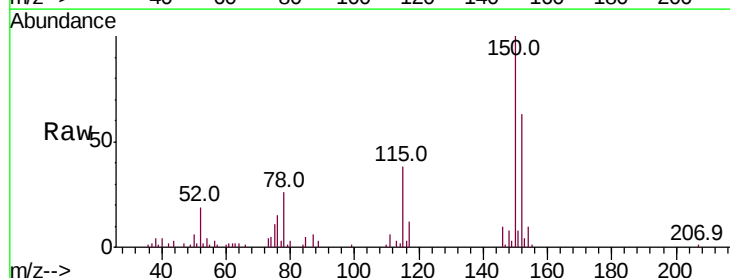
Tgt Ion: 146 Resp: 2671

Ion Ratio Lower Upper

146 100

111 60.2 34.2 51.4#

148 79.1 52.0 78.0#



Abundance Ion 145.95 (145.65 to 146.65): VU033345.D (-3338) (-)

Ion 111.00 (110.70 to 111.70): VU033345.D (-3338) (-)

Ion 148.00 (147.70 to 148.70): VU033345.D (-3338) (-)

2000

1500

1000

500

0

Time-->

