

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082019\
 Data File : VU033857.D
 Acq On : 20 Aug 2019 16:33
 Operator : JC/SP
 Sample : K4395-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ0

Quant Time: Aug 21 07:56:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 21 05:39:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	185777	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	193455	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	87317	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	69776	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.67	69	62521	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.26	63	115251	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.17	46	139092	44.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.64%
24) Chloroform-d	4.62	84	123753	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.29	65	67143	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.32	84	233719	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.31	67	76809	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.55	98	201028	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.84	79	26358	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.30	63	82682	38.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.42%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	62825	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	80136	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

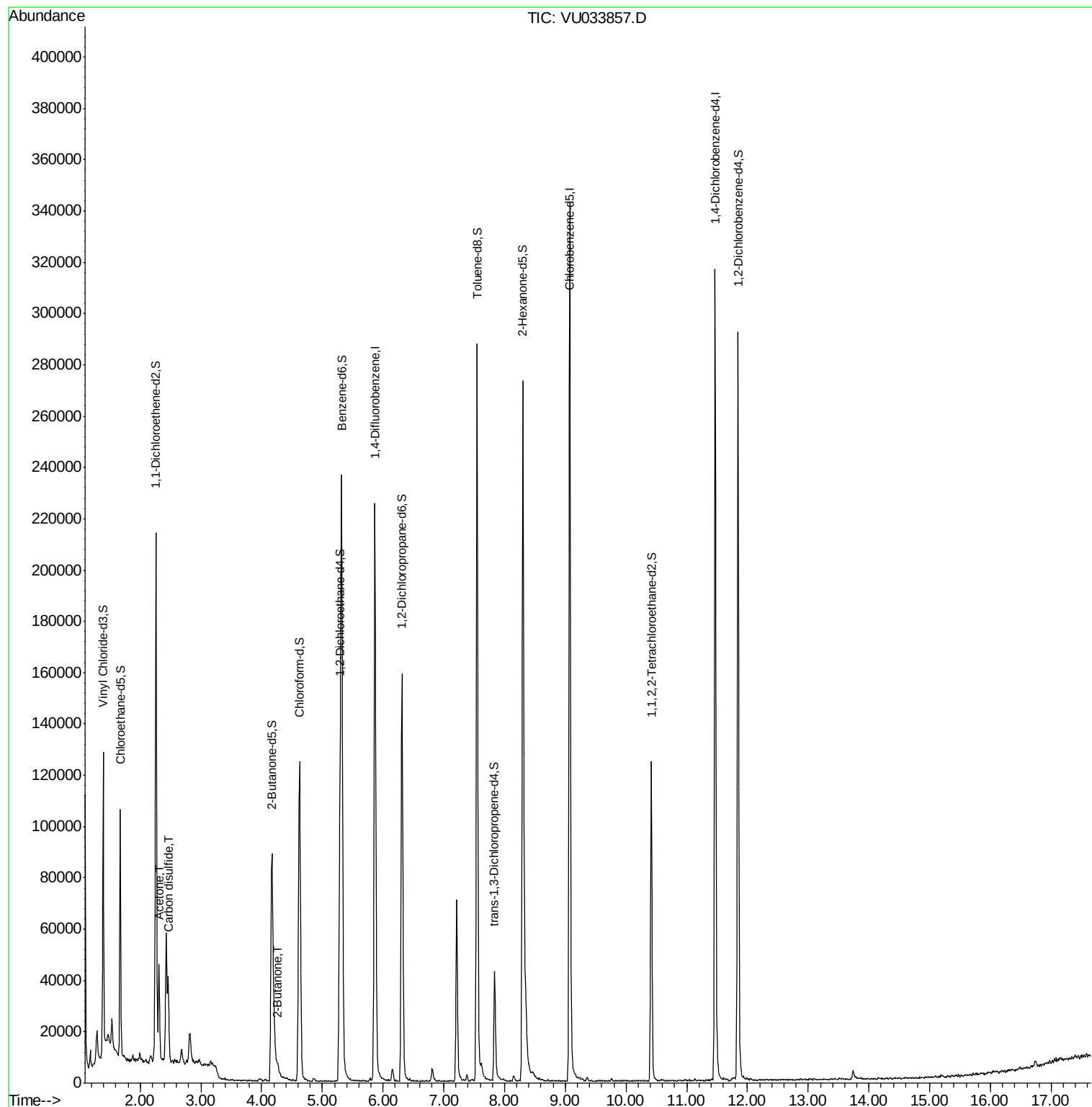
Target Compounds					Qvalue
13) Acetone	2.31	43	37693	15.709 ug/L	99
14) Carbon disulfide	2.46	76	34249	0.776 ug/L	99
21) 2-Butanone	4.27	43	6451	2.507 ug/L	93

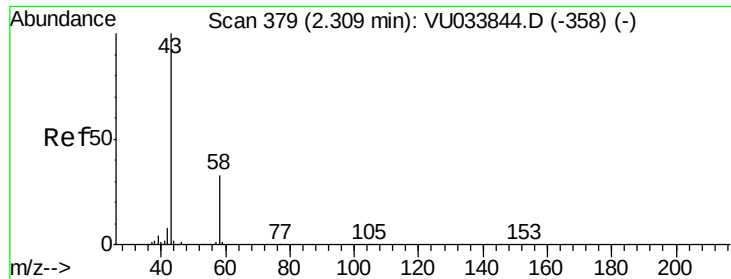
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.709 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

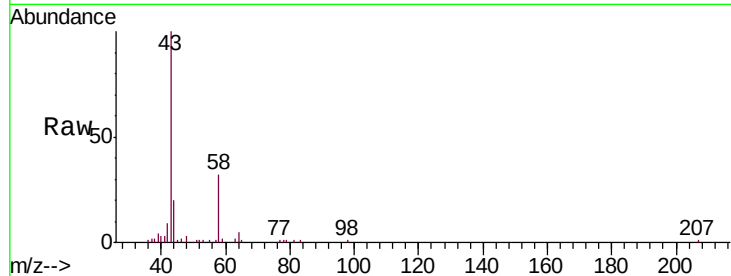
C0AJ0

Tgt Ion: 43 Resp: 37693

Ion Ratio Lower Upper

43 100

58 31.9 0.0 65.4



Abundance Ion 43.05 (42.75 to 43.75): VU033844.D (-358) (-)

Ion 58.05 (57.75 to 58.75): VU033844.D (-358) (-)

2.31

25000

20000

15000

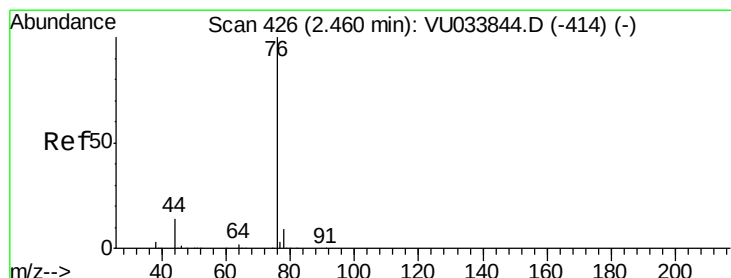
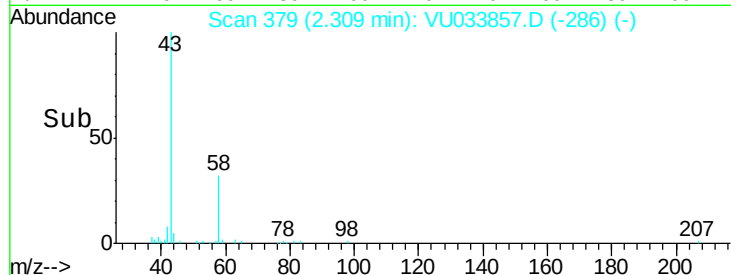
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#14

Carbon disulfide

Concen: 0.776 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: VU033857.D

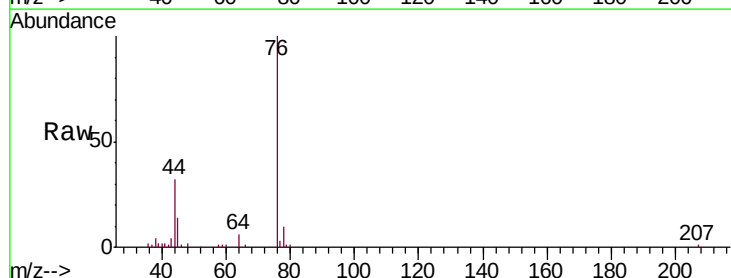
Acq: 20 Aug 2019 16:33

Tgt Ion: 76 Resp: 34249

Ion Ratio Lower Upper

76 100

78 9.8 7.7 11.5



Abundance Ion 76.05 (75.75 to 76.75): VU033844.D (-414) (-)

Ion 78.00 (77.70 to 78.70): VU033844.D (-414) (-)

2.46

25000

20000

15000

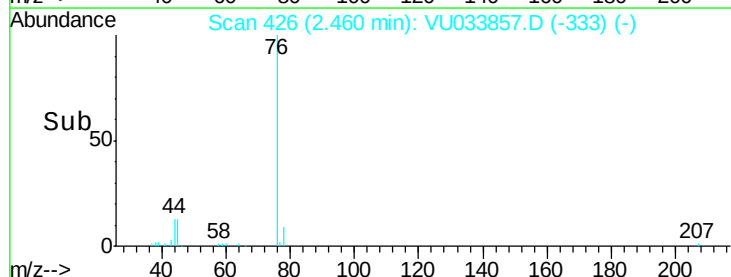
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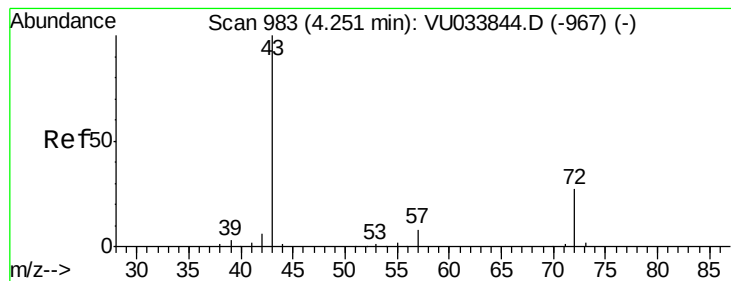
5000

0

Time-->

2.40 2.45 2.50





#21

2-Butanone

Concen: 2.507 ug/L

RT: 4.27 min Scan# 988

Delta R.T. 0.02 min

Lab File: VU033857.D

Acq: 20 Aug 2019 16:33

Instrument :

MSVOA_U

ClientSampleId :

C0AJ0

Tgt Ion: 43 Resp: 6451

Ion Ratio Lower Upper

43 100

72 30.9 13.7 41.0

