

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
 Data File : VU029449.D
 Acq On : 14 Feb 2019 11:49
 Operator : JC/SP
 Sample : K1387-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JJ8

Quant Time: Feb 15 01:12:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 15 00:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	197661	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	185627	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102602	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58634	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.68	69	51428	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.27	63	93011	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.19	46	136143	49.31	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.62%
24) Chloroform-d	4.65	84	97710	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.31	65	53004	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.34	84	213570	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.33	67	64741	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.56	98	207791	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.85	79	27785	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.31	63	139749	51.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55362	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	91197	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

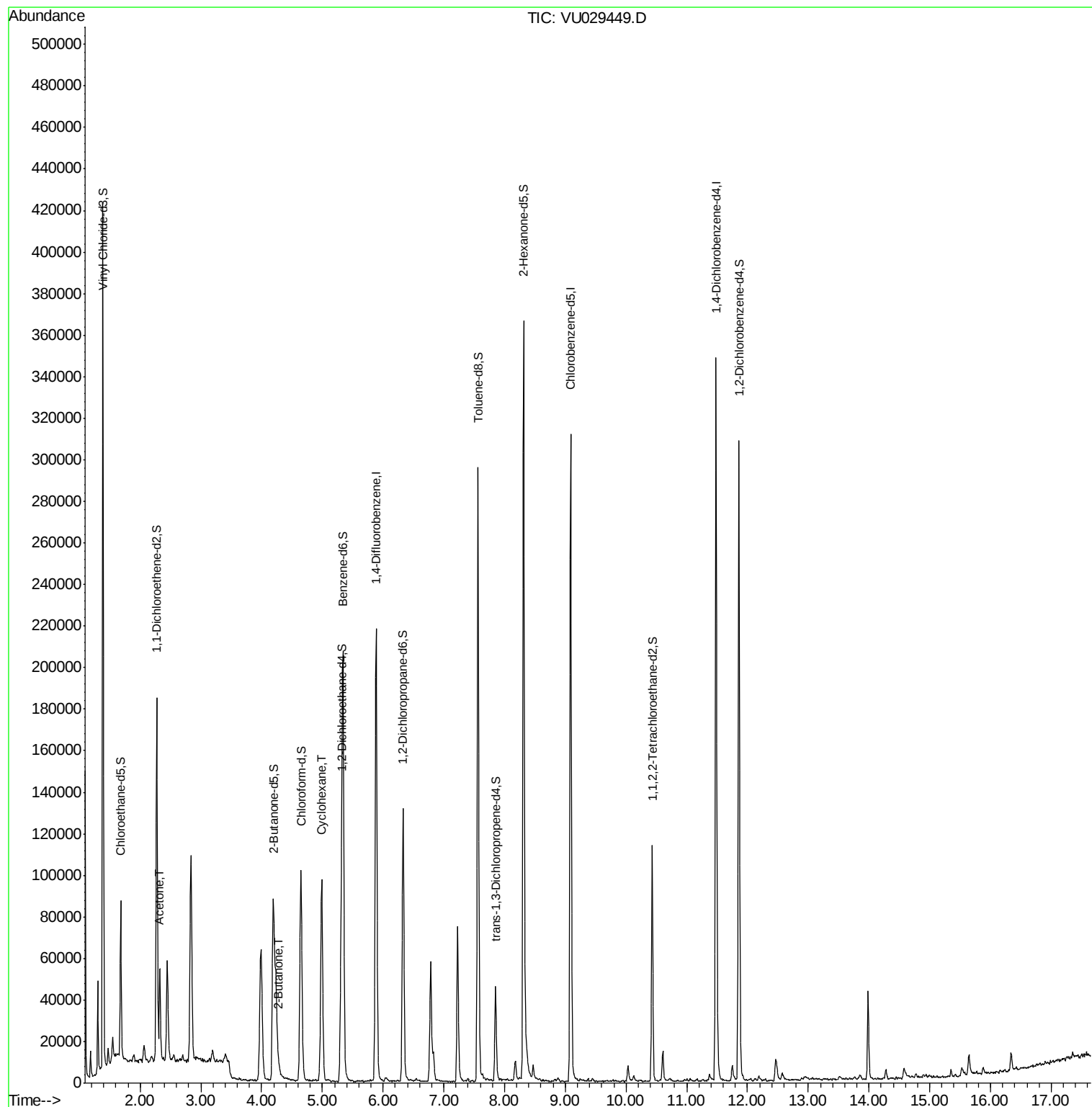
Target Compounds					Qvalue
13) Acetone	2.32	43	45140	17.995 ug/L	99
21) 2-Butanone	4.28	43	4965	1.602 ug/L	94
30) Cyclohexane	4.99	56	53428	2.428 ug/L	99

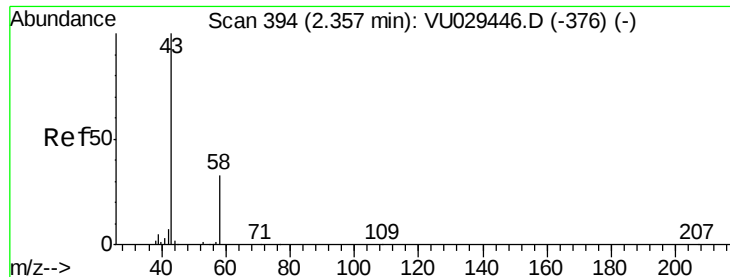
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.995 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

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MSVOA_U

ClientSampleId :

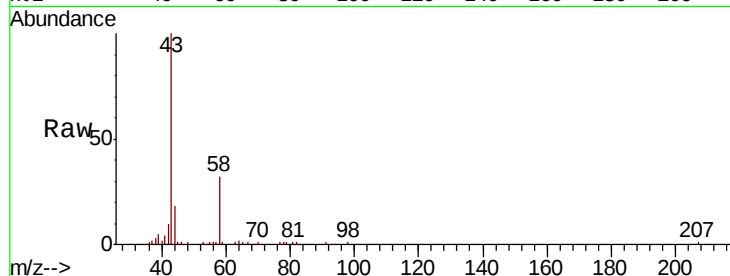
C0JJ8

Tgt Ion: 43 Resp: 45140

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

30000

25000

20000

15000

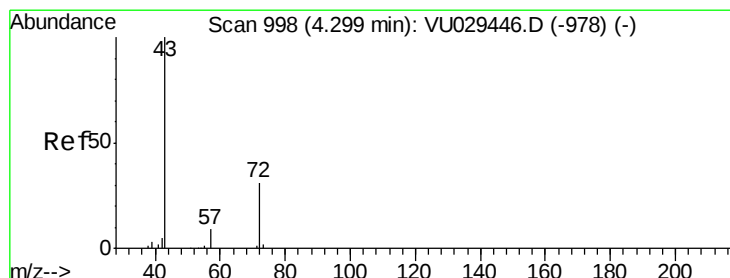
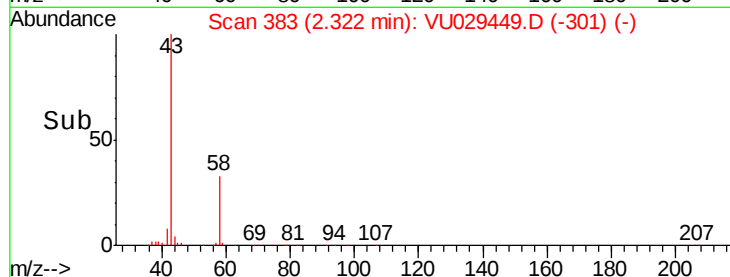
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#21

2-Butanone

Concen: 1.602 ug/L

RT: 4.28 min Scan# 992

Delta R.T. -0.02 min

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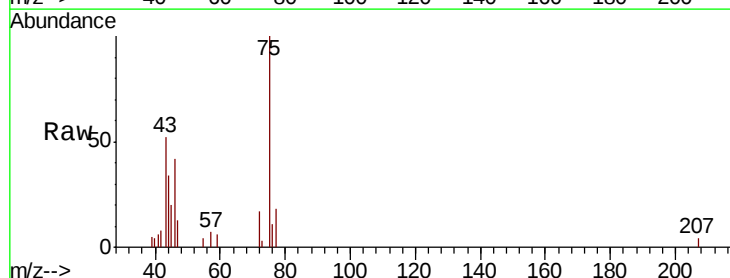
Acq: 14 Feb 2019 11:49

Tgt Ion: 43 Resp: 4965

Ion Ratio Lower Upper

43 100

72 32.7 14.7 44.1



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

4.28

1500

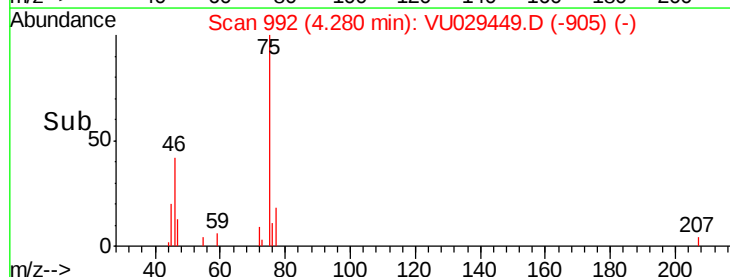
1000

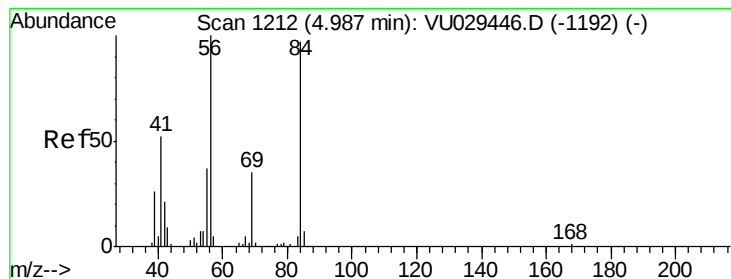
500

0

Time-->

4.25 4.30 4.35 4.40





#30
Cyclohexane
Concen: 2.428 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
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Tgt Ion: 56 Resp: 53428
Ion Ratio Lower Upper
56 100
69 32.3 25.8 38.6
84 94.6 75.0 112.6

