

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112219\
 Data File : VU035817.D
 Acq On : 22 Nov 2019 12:46
 Operator : JC/SP
 Sample : K5930-17 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AD3

Quant Time: Nov 23 00:34:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 23 00:14:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	243795	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.46	117	290264	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	74638	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	128019	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.93	69	119042	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.60	63	168617	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.69	46	313800	42.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.16%
24) Chloroform-d	5.11	84	218126	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.75	65	133204	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.77	84	426878	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
36) 1,2-Dichloropropane-d6	6.74	67	154677	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.93	98	338863	3.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.40%#
43) trans-1,3-Dichloropropene-	8.22	79	51403	3.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.80%
46) 2-Hexanone-d5	8.71	63	186229	31.91	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.82%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	117189	3.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	70261	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

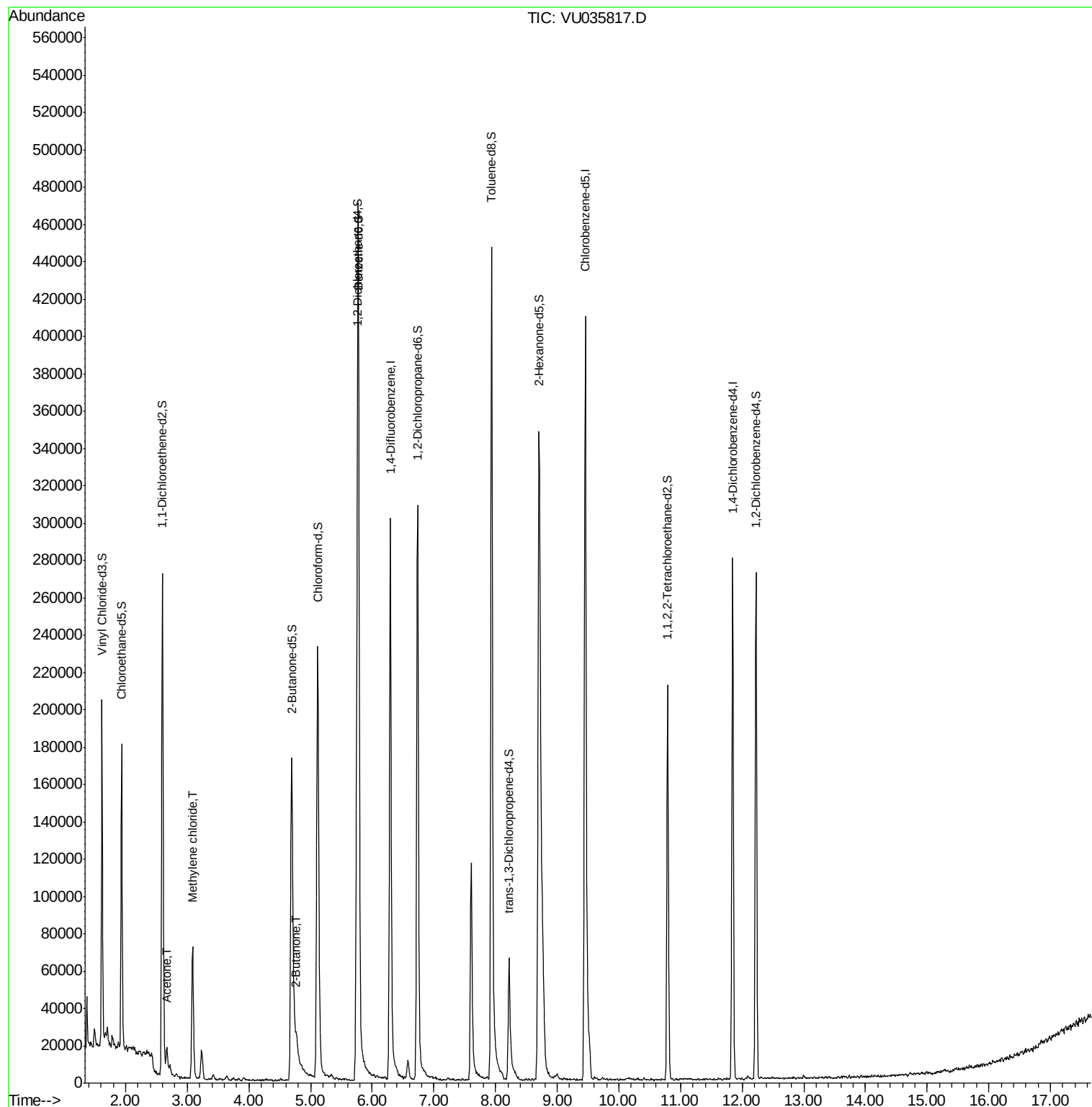
Target Compounds					Ovalue
13) Acetone	2.67	43	17326	2.677 ug/L	92
16) Methylene chloride	3.09	84	34392	1.122 ug/L	95
21) 2-Butanone	4.77	43	12333	1.506 ug/L	92

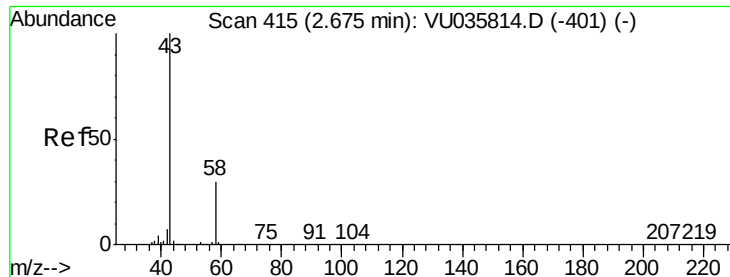
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.677 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

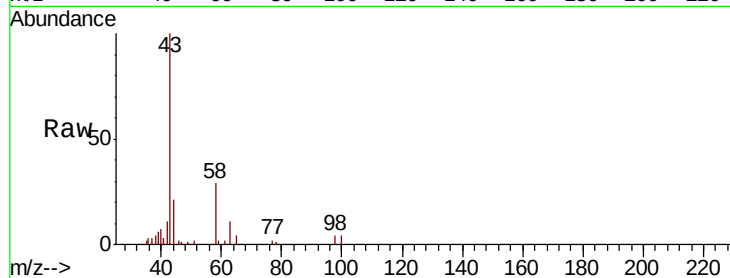
B0AD3

Tot Ion: 43 Resp: 17326

Ion Ratio Lower Upper

43 100

58 26.1 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035814.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU035814.D (-401) (-)

2.67

8000

6000

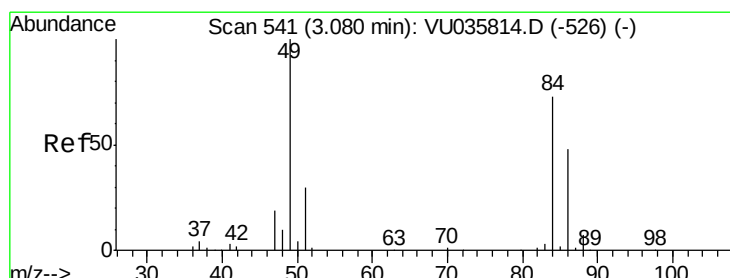
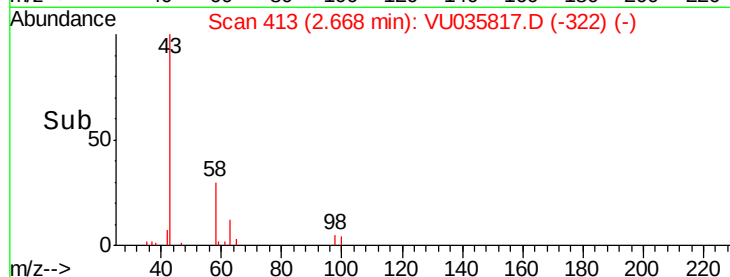
4000

2000

0

Time-->

2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 1.122 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.01 min

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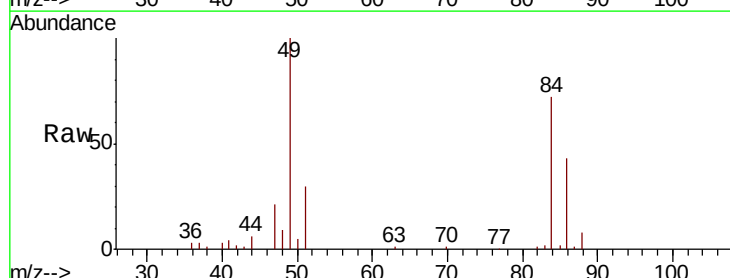
Tgt Ion: 84 Resp: 34392

Ion Ratio Lower Upper

84 100

86 60.3 44.4 82.5

49 139.9 94.0 174.6



Abundance Ion 84.05 (83.75 to 84.75): VU035814.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU035814.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU035814.D (-526) (-)

30000

25000

20000

15000

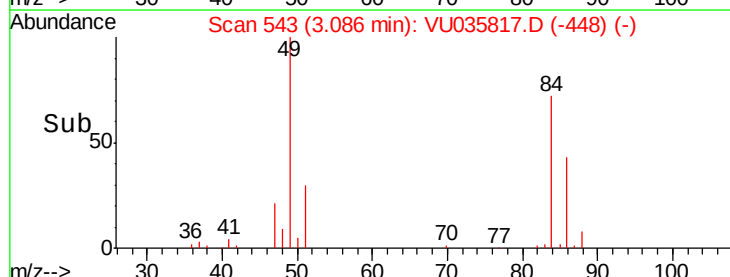
10000

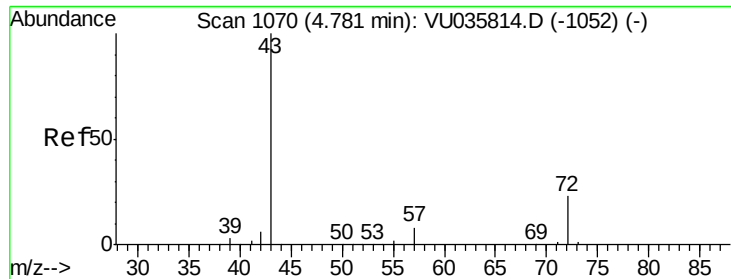
5000

0

Time-->

3.00 3.05 3.10 3.15 3.20





#21

2-Butanone

Concen: 1.506 ug/L

RT: 4.77 min Scan# 1068

Delta R.T. -0.01 min

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Instrument :
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ClientSampleId :
B0AD3

Tot Ion: 43 Resp: 12333

Ion Ratio Lower Upper

43 100

72 21.1 12.4 37.4

