

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\
 Data File : VU036088.D
 Acq On : 10 Dec 2019 17:07
 Operator : JC/MD
 Sample : K6168-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 06:32:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 06:27:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	283324	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	318090	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	109119	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	136474	5.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.20%
7) Chloroethane-d5	1.93	69	125090	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.59	63	141578	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.69	46	253189	58.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.68%
24) Chloroform-d	5.11	84	213717	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.75	65	111663	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.77	84	403937	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.73	67	126532	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.93	98	324692	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.22	79	47685	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.68	63	200288	54.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.40%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	114249	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	111031	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

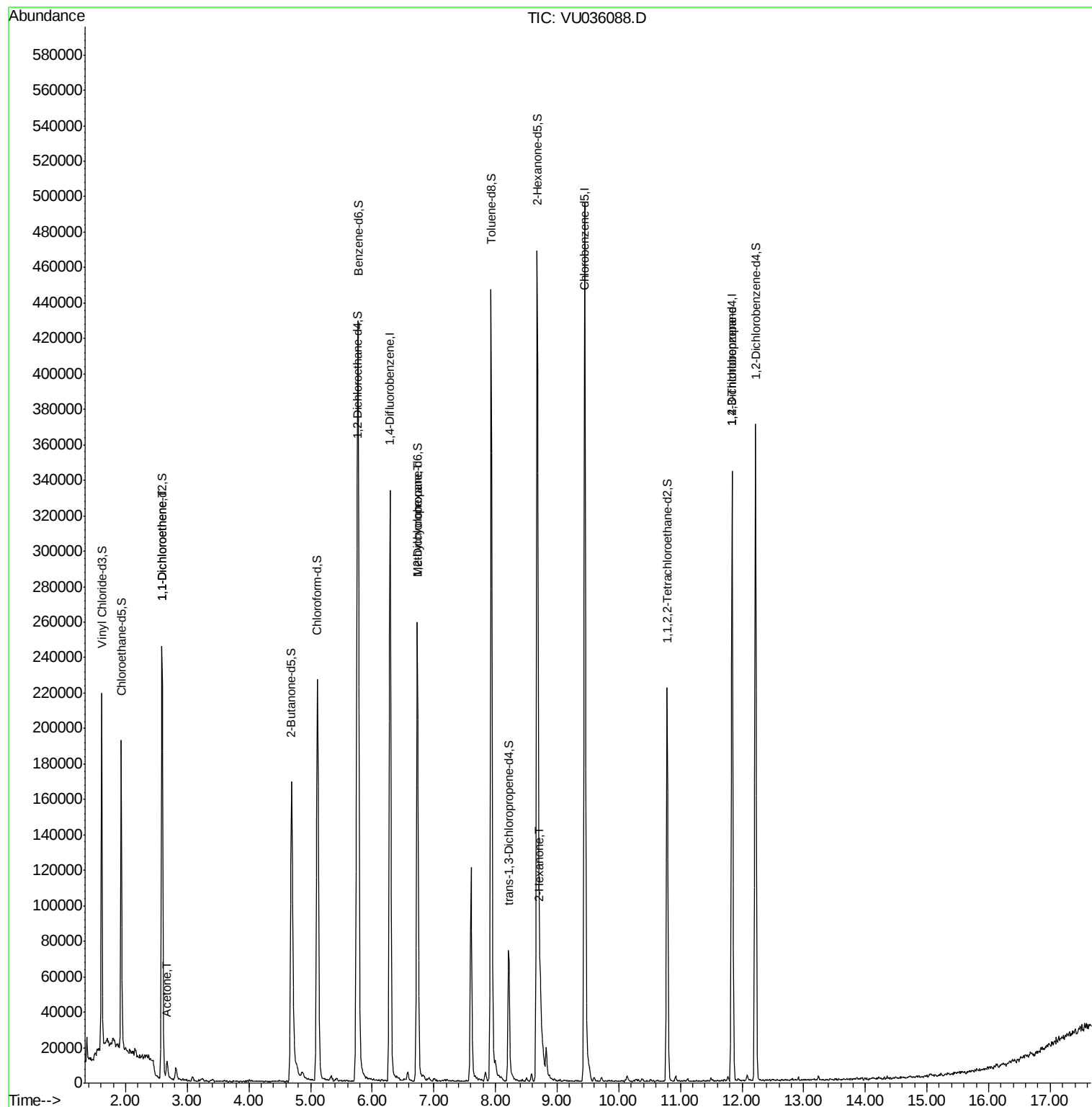
				Ovalue	
12) 1,1-Dichloroethene	2.59	96	1742	0.071 ug/L #	1
13) Acetone	2.67	43	11107	2.033 ug/L	99
35) Methylcyclohexane	6.73	83	30944	0.999 ug/L #	19
48) 2-Hexanone	8.73	43	9250	1.132 ug/L #	86
59) 1,2,3-Trichloropropane	11.84	75	11950	0.767 ug/L	92

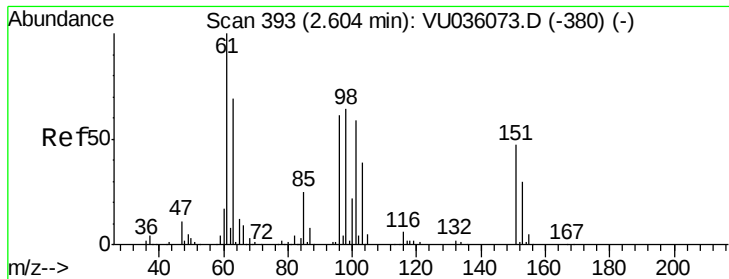
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036088.D

Acq: 10 Dec 2019 17:07

Instrument :

MSVOA_U

ClientSampled :

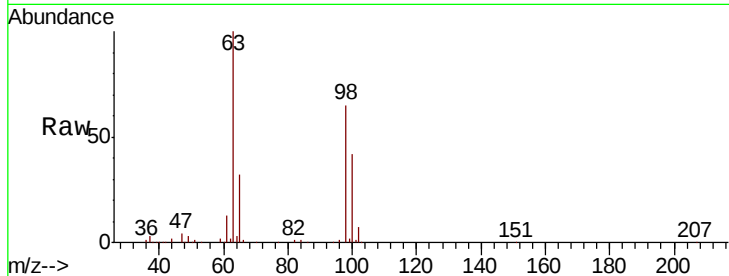
Tot Ion: 96 Resp: 1742

Ion Ratio Lower Upper

96 100

61 1108.4 104.3 193.7#

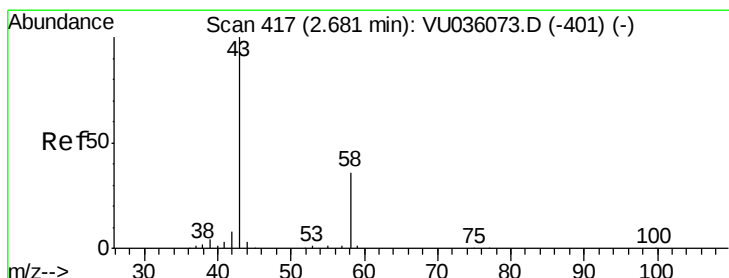
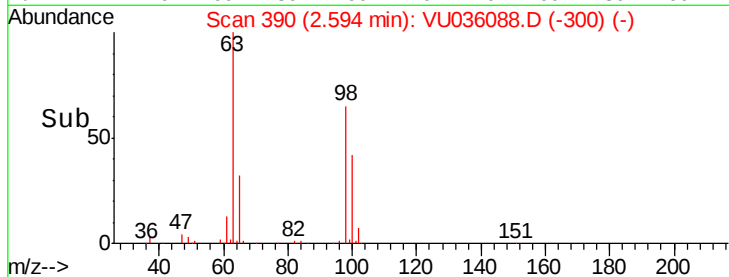
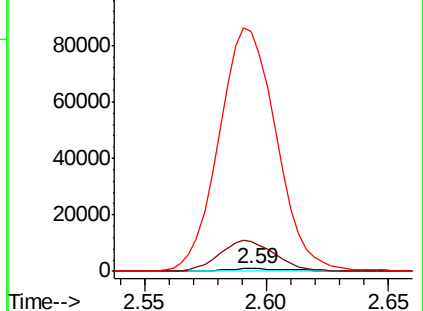
63 8842.4 65.6 121.8#



Abundance Ion 96.00 (95.70 to 96.70): VU036073.D (-380) (-)

Ion 61.05 (60.75 to 61.75): VU036073.D (-380) (-)

Ion 63.00 (62.70 to 63.70): VU036073.D (-380) (-)



#13

Acetone

Concen: 2.033 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU036088.D

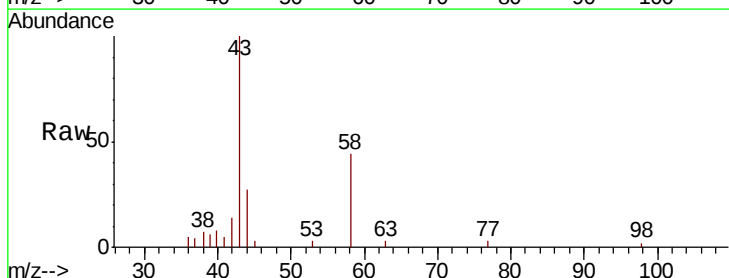
Acq: 10 Dec 2019 17:07

Tgt Ion: 43 Resp: 11107

Ion Ratio Lower Upper

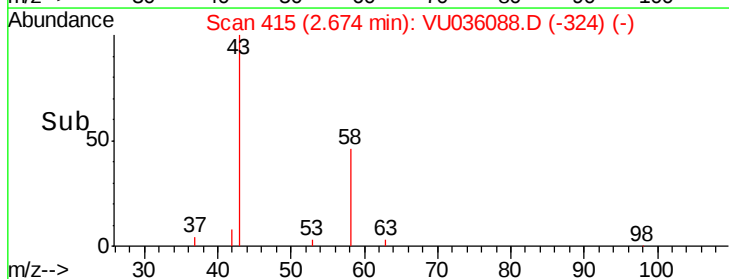
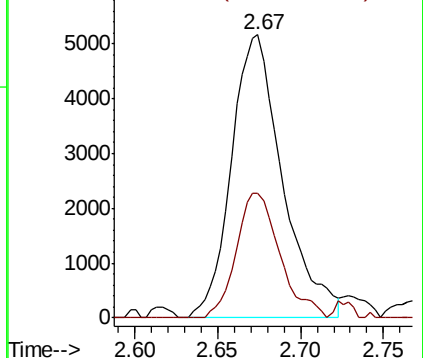
43 100

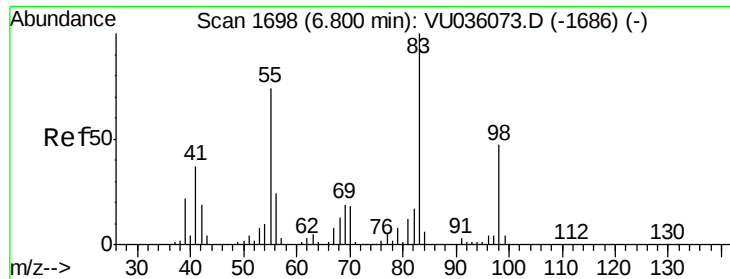
58 37.5 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036073.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036073.D (-401) (-)

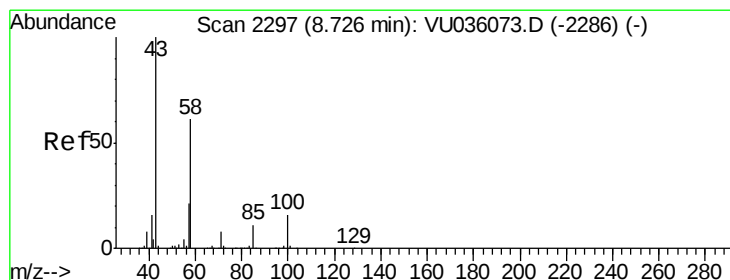
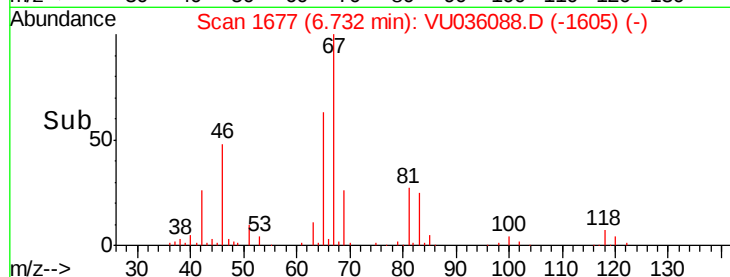
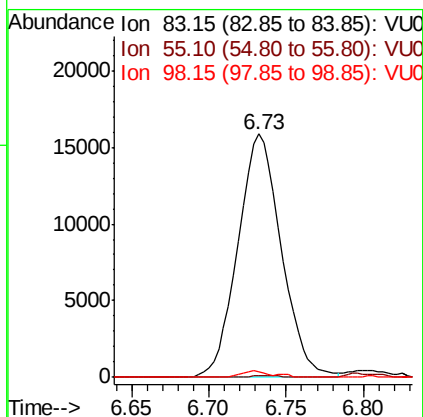
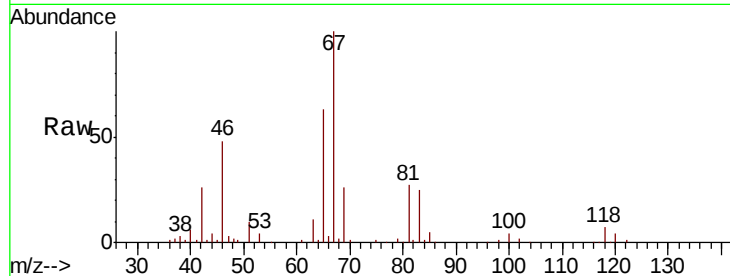




#35
Methylcyclohexane
Concen: 0.999 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036088.D
Acq: 10 Dec 2019 17:07

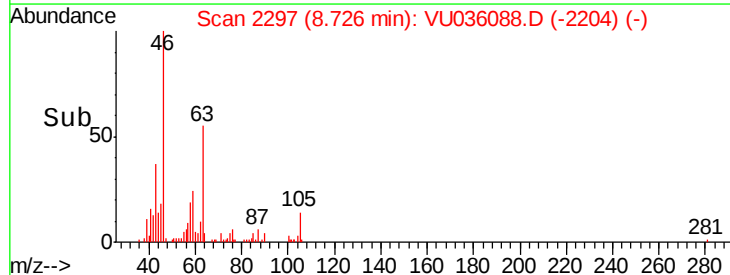
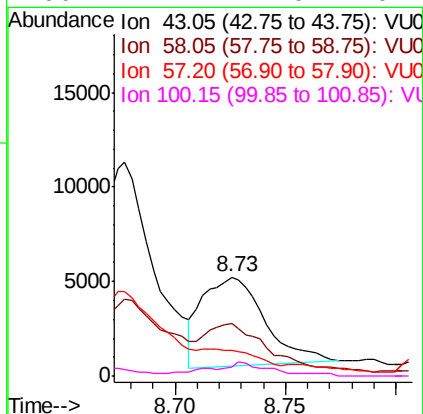
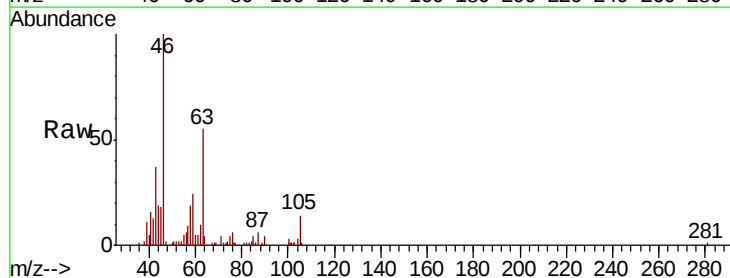
Instrument :
MSVOA_U
ClientSampled :

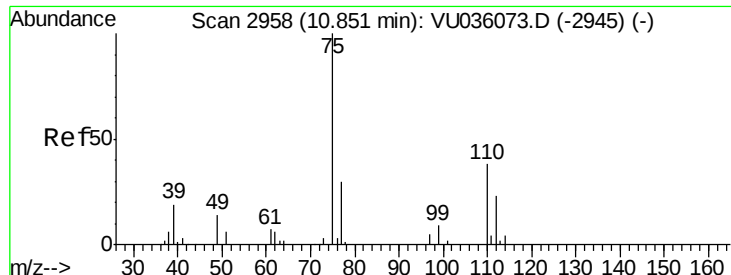
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.1	93.1#
98	1.4	37.0	55.4#



#48
2-Hexanone
Concen: 1.132 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. -0.00 min
Lab File: VU036088.D
Acq: 10 Dec 2019 17:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	61.2	46.9	70.3
57	0.0	16.4	24.6#
100	7.1	11.0	16.4#





#59

1,2,3-Trichloropropane

Concen: 0.767 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036088.D

Acq: 10 Dec 2019 17:07

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 11950

Ion Ratio Lower Upper

75 100

77 38.0 26.7 40.1

