

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042120\
 Data File : VU037832.D
 Acq On : 21 Apr 2020 18:07
 Operator : JC/MD
 Sample : L2317-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 02:18:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 22 02:16:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	508251	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	487189	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	238880	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	204882	45.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.20%
7) Chloroethane-d5	1.93	69	169457	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.42%
11) 1,1-Dichloroethene-d2	2.59	63	264279	34.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.80%
21) 2-Butanone-d5	4.66	46	389887	105.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.13%
24) Chloroform-d	5.10	84	337489	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
26) 1,2-Dichloroethane-d4	5.74	65	241023	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
32) Benzene-d6	5.76	84	721226	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
36) 1,2-Dichloropropane-d6	6.72	67	245609	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.72%
41) Toluene-d8	7.92	98	652091	47.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.44%
43) trans-1,3-Dichloropropene-	8.20	79	121068	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.28%
47) 2-Hexanone-d5	8.65	63	276753	104.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.28%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	331368	47.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.84%
64) 1,2-Dichlorobenzene-d4	12.20	152	241488	47.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.86%

Target Compounds

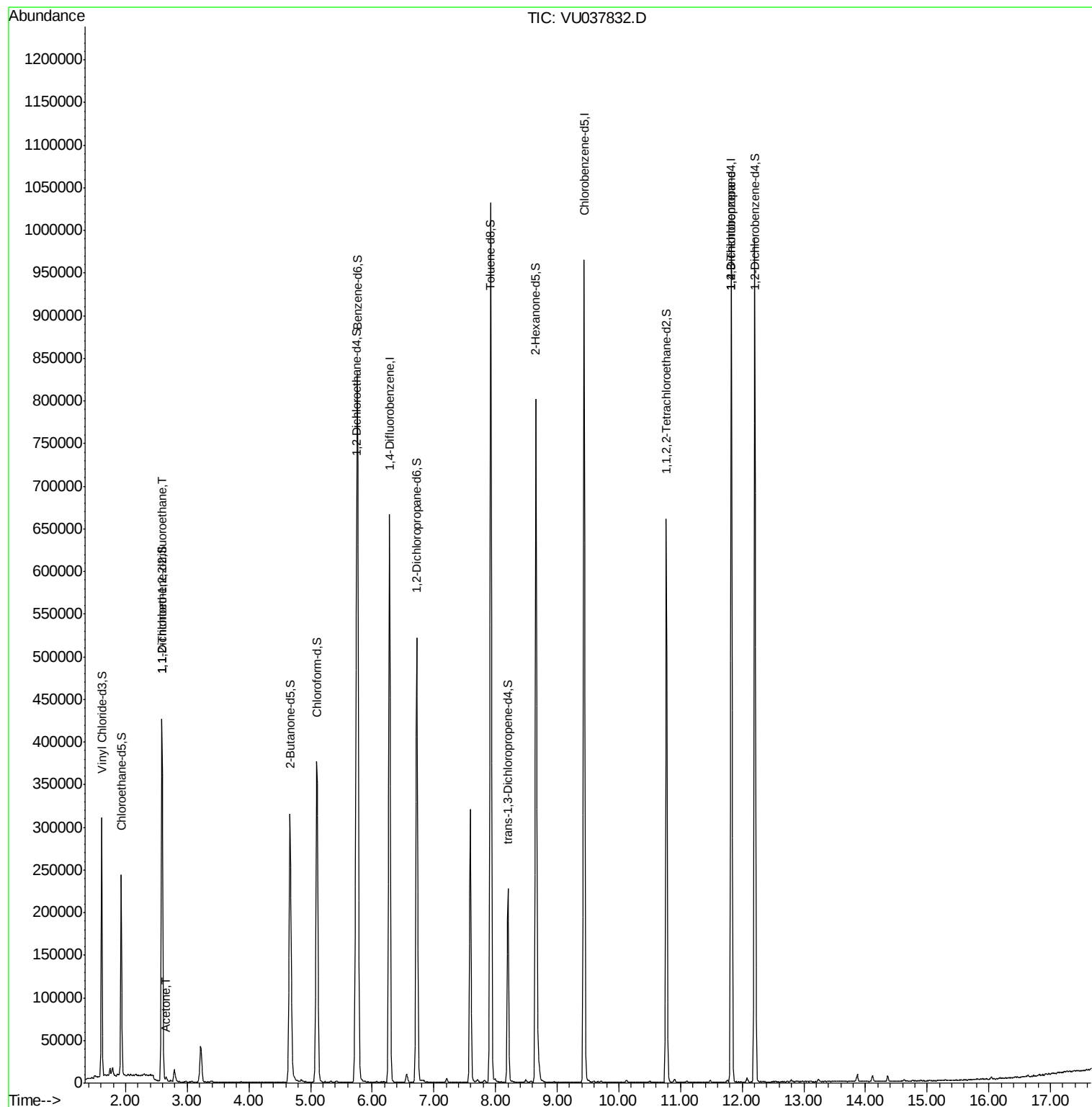
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2423	0.719 ug/L	# 26
13) Acetone	2.66	43	5277	2.139 ug/L	92
59) 1,2,3-Trichloropropane	11.83	75	33763	5.617 ug/L	94

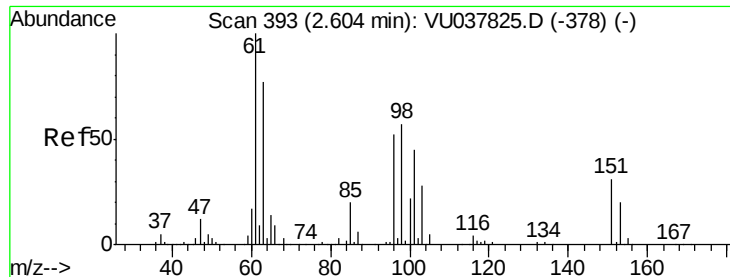
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.719 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037832.D

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MSVOA_U

ClientSampleId :

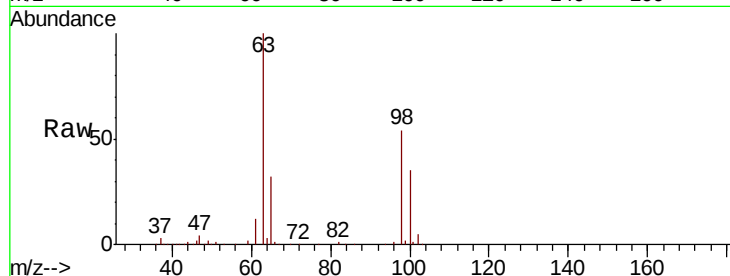
Tot Ion:101 Resp: 2423

Ion Ratio Lower Upper

101 100

85 4.3 35.3 52.9#

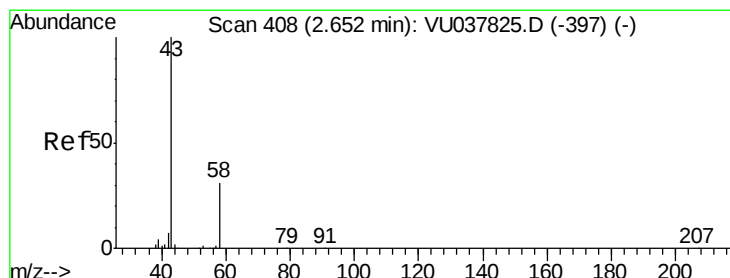
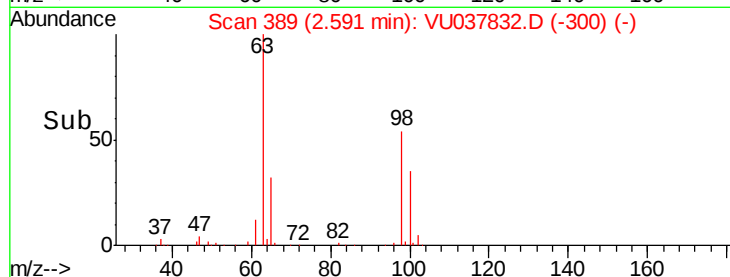
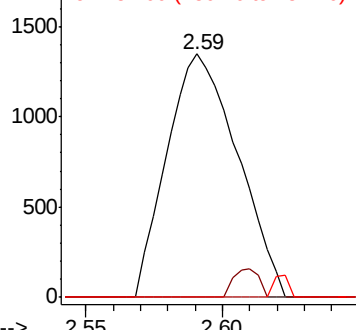
151 1.9 55.2 82.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.139 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037832.D

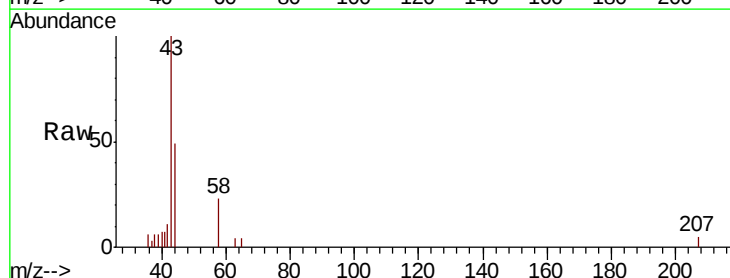
Acq: 21 Apr 2020 18:07

Tgt Ion: 43 Resp: 5277

Ion Ratio Lower Upper

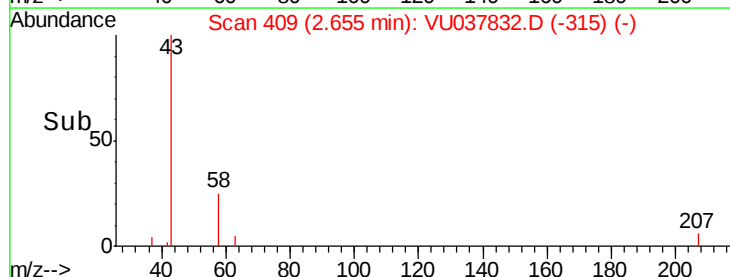
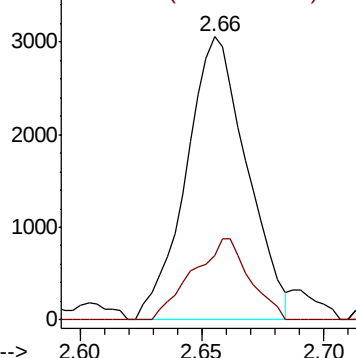
43 100

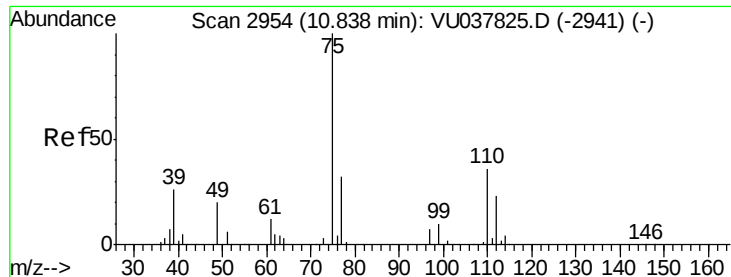
58 26.9 0.0 63.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.617 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037832.D

Acq: 21 Apr 2020 18:07

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 33763

Ion Ratio Lower Upper

75 100

77 35.1 25.4 38.0

