

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037052.D
 Acq On : 04 Mar 2020 20:33
 Operator : JC/MD
 Sample : L1784-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ8

Quant Time: Mar 05 02:46:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 00:57:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	245123	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	226751	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	75482	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87692	42.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.20%
7) Chloroethane-d5	1.91	69	83661	49.12	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.24%
11) 1,1-Dichloroethene-d2	2.58	63	115548	33.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.04%
21) 2-Butanone-d5	4.67	46	139320	100.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.90%
24) Chloroform-d	5.10	84	156402	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
26) 1,2-Dichloroethane-d4	5.74	65	107728	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
32) Benzene-d6	5.76	84	337441	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.92%
36) 1,2-Dichloropropane-d6	6.72	67	112852	53.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.24%
41) Toluene-d8	7.92	98	293870	48.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.62%
43) trans-1,3-Dichloropropene-	8.20	79	45302	45.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.78%
47) 2-Hexanone-d5	8.66	63	96006	92.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.43%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	157208	52.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.98%
64) 1,2-Dichlorobenzene-d4	12.21	152	82467	55.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.78%

Target Compounds

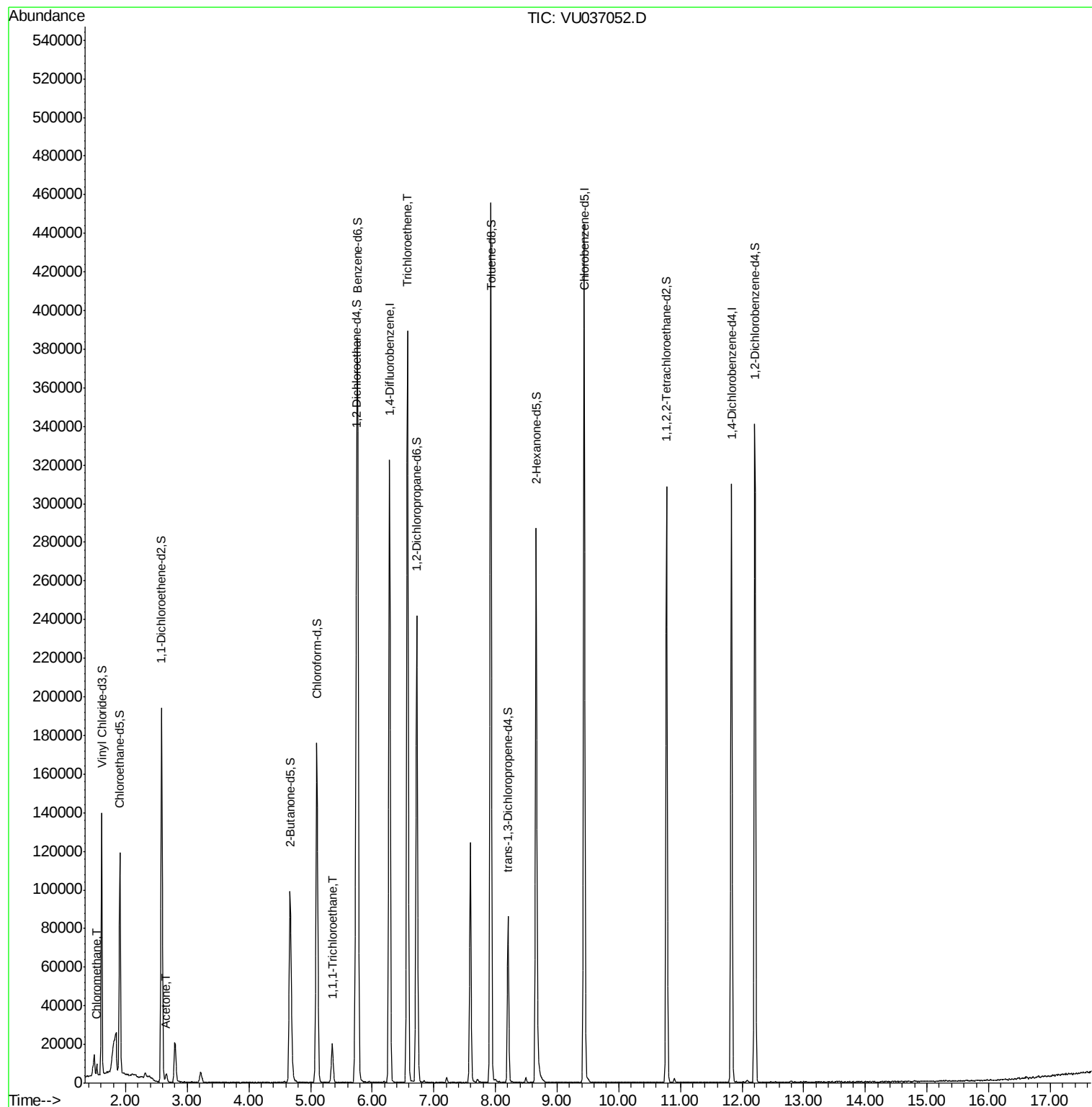
					Ovalue
3) Chloromethane	1.53	50	4179	1.747 ug/L	92
13) Acetone	2.66	43	3589	2.527 ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	13427	5.523 ug/L	99
34) Trichloroethene	6.57	95	132933	75.502 ug/L	99

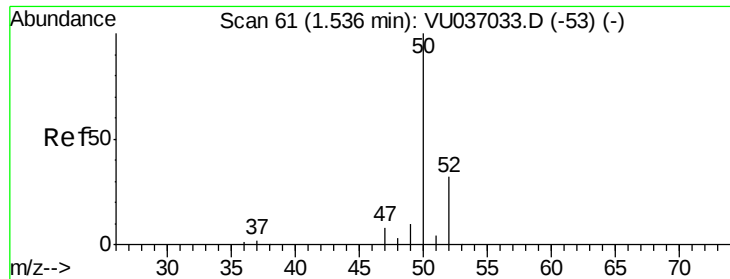
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.747 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU037052.D

Acq: 04 Mar 2020 20:33

Instrument :

MSVOA_U

ClientSampleId :

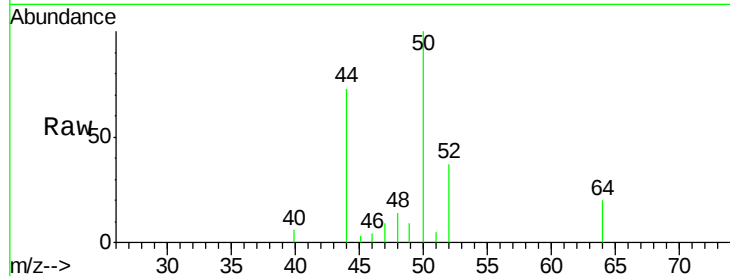
C0AZ8

Tot Ion: 50 Resp: 4179

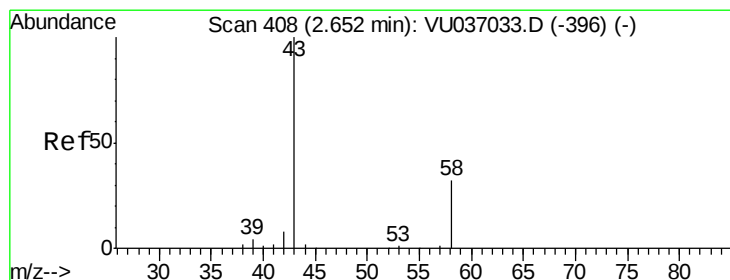
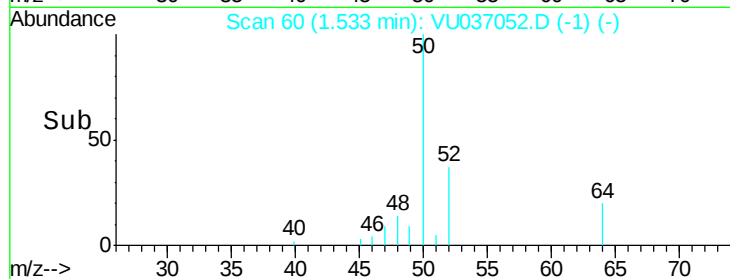
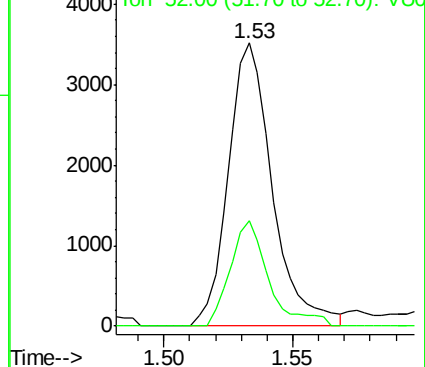
Ion Ratio Lower Upper

50 100

52 37.4 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU037052.D (-1) (-)



#13

Acetone

Concen: 2.527 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037052.D

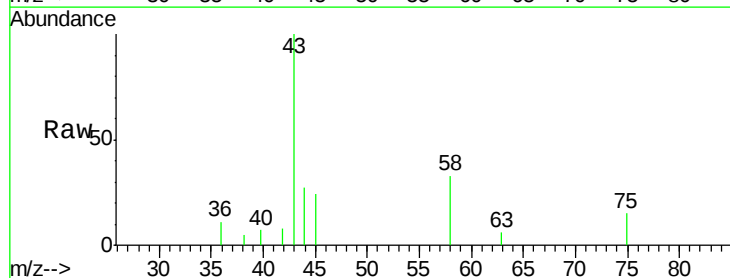
Acq: 04 Mar 2020 20:33

Tgt Ion: 43 Resp: 3589

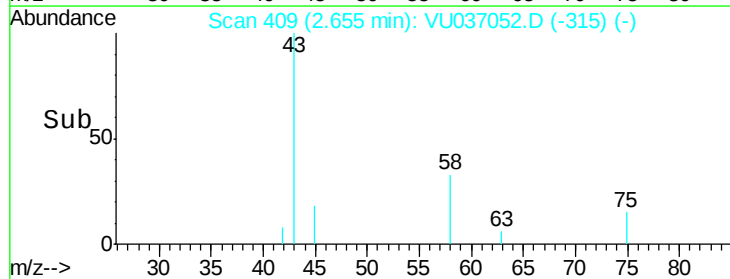
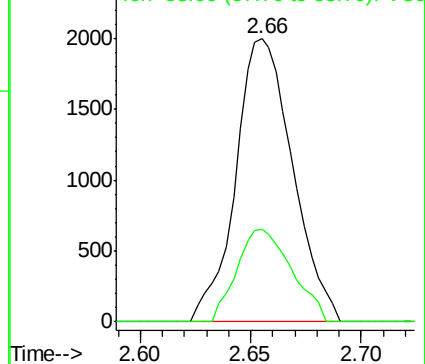
Ion Ratio Lower Upper

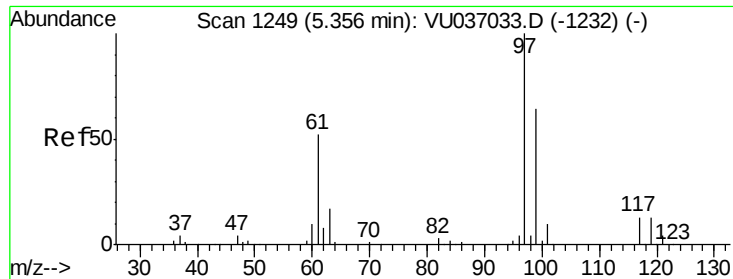
43 100

58 31.3 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037052.D (-315) (-)

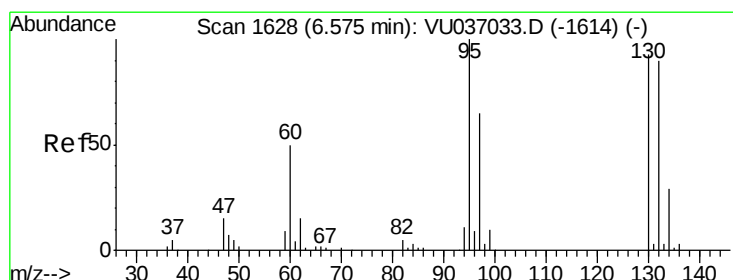
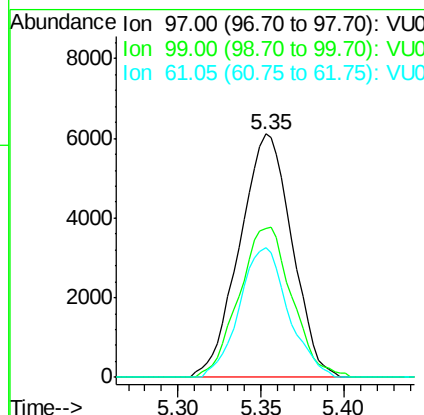
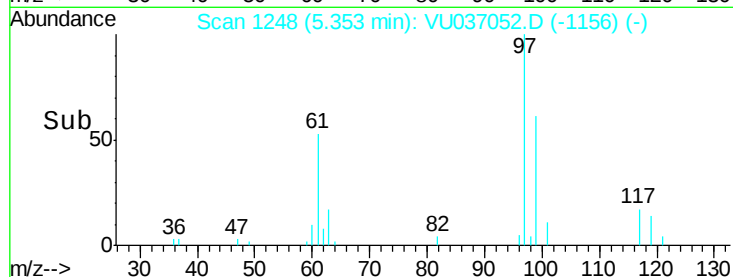
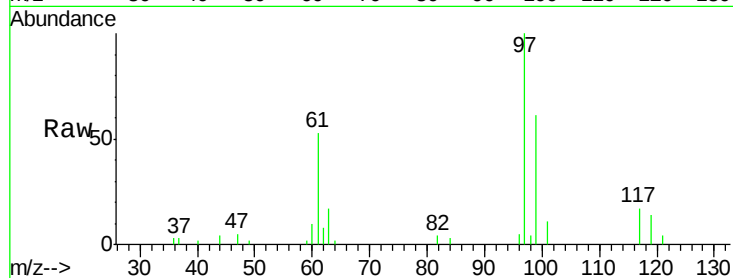




#30
1,1,1-Trichloroethane
Concen: 5.523 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU037052.D
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Tot Ion: 97 Resp: 13427
Ion Ratio Lower Upper
97 100
99 62.4 50.4 75.6
61 49.9 40.3 60.5



#34
Trichloroethene
Concen: 75.502 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU037052.D
Acq: 04 Mar 2020 20:33

Tgt Ion: 95 Resp: 132933
Ion Ratio Lower Upper
95 100
97 63.0 44.1 81.9
132 89.3 60.6 112.6
130 93.3 64.9 120.5

