

Data File : VU037322.D
Acq On : 17 Mar 2020 17:15
Operator : JC/MD
Sample : L1494-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0NG9

Quant Time: Mar 18 02:40:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 02:36:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	414802	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	411369	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	167837	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	120307	37.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.94%
7) Chloroethane-d5	1.93	69	112419	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.86%
11) 1,1-Dichloroethene-d2	2.59	63	180391	30.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.26%
21) 2-Butanone-d5	4.67	46	256168	100.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.83%
24) Chloroform-d	5.10	84	285935	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
26) 1,2-Dichloroethane-d4	5.74	65	210150	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
32) Benzene-d6	5.76	84	520492	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
36) 1,2-Dichloropropane-d6	6.72	67	169638	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.52%
41) Toluene-d8	7.93	98	482760	44.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.20	79	90166	44.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.38%
47) 2-Hexanone-d5	8.66	63	186217	97.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.03%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	263963	45.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.94%
64) 1,2-Dichlorobenzene-d4	12.21	152	182911	52.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.08%

Target Compounds

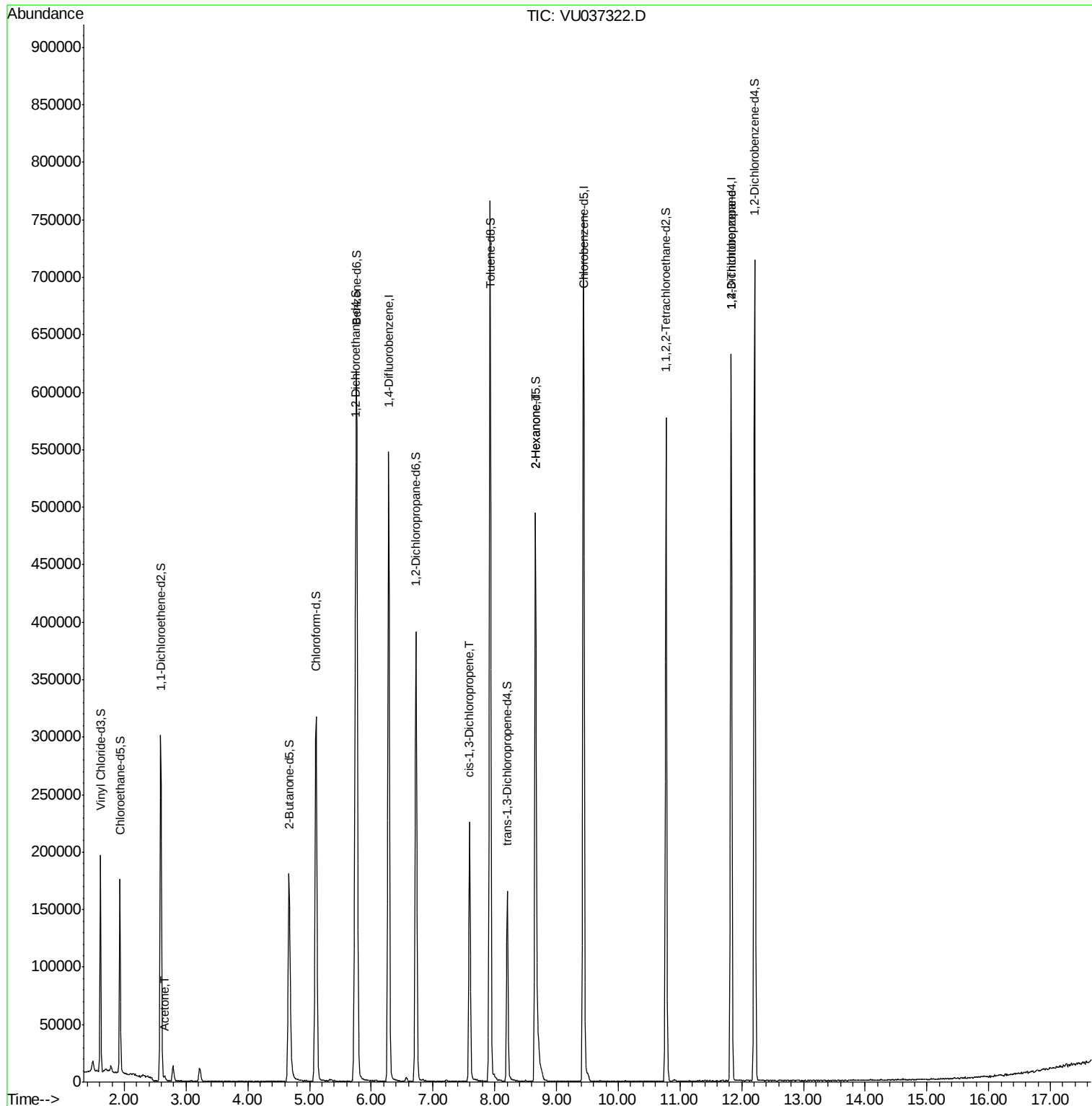
					Qvalue
13) Acetone	2.66	43	4394	1.823 ug/L	83
39) cis-1,3-Dichloropropene	7.59	75	6107	1.143 ug/L #	70
48) 2-Hexanone	8.66	43	22248	5.032 ug/L #	74
59) 1,2,3-Trichloropropane	11.83	75	21789	4.548 ug/L	91

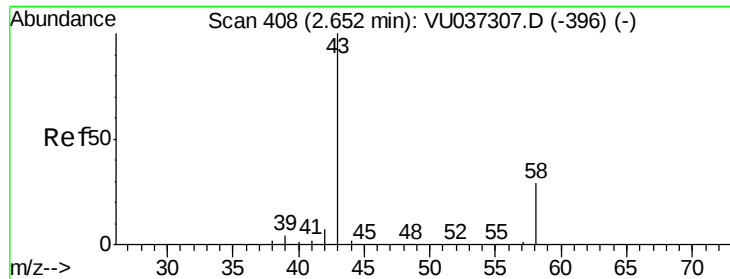
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.823 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

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Acq: 17 Mar 2020 17:15

Instrument :

MSVOA_U

ClientSampleId :

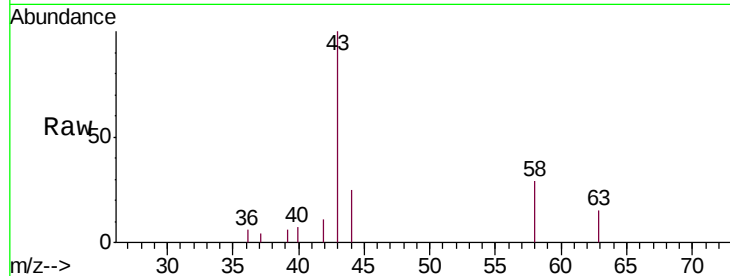
C0NG9

Tgt Ion: 43 Resp: 4394

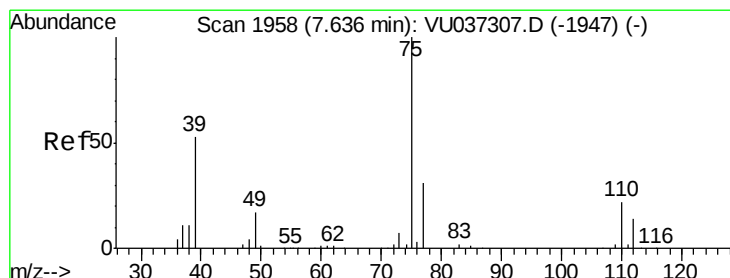
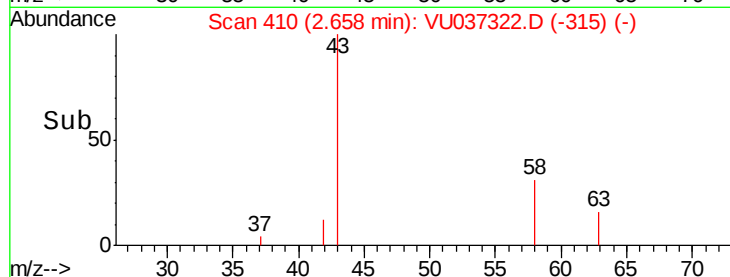
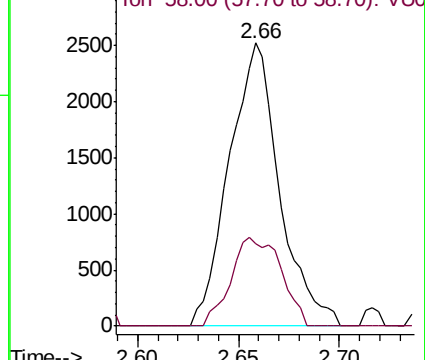
Ion Ratio Lower Upper

43 100

58 19.8 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VU037307.D (-396) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.143 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037322.D

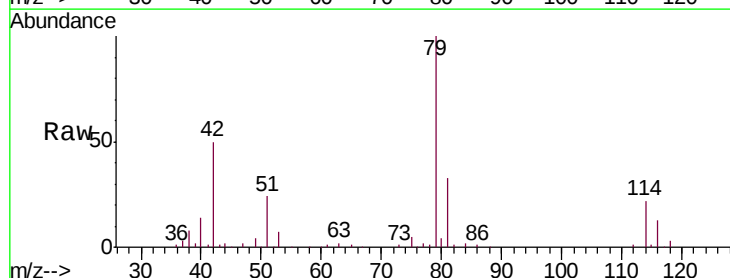
Acq: 17 Mar 2020 17:15

Tgt Ion: 75 Resp: 6107

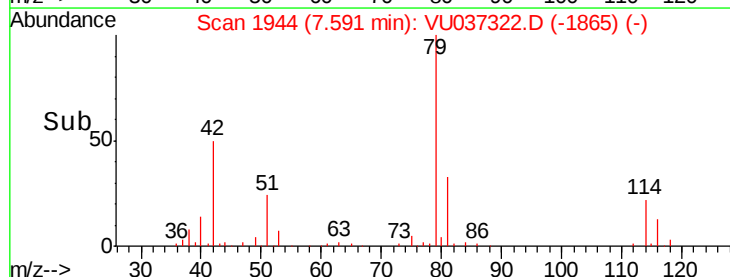
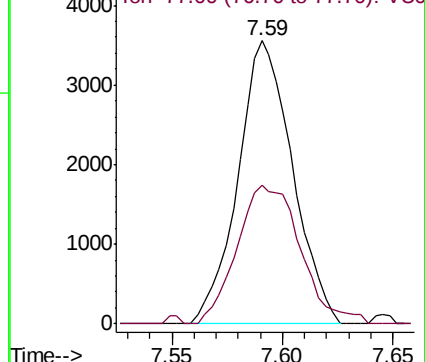
Ion Ratio Lower Upper

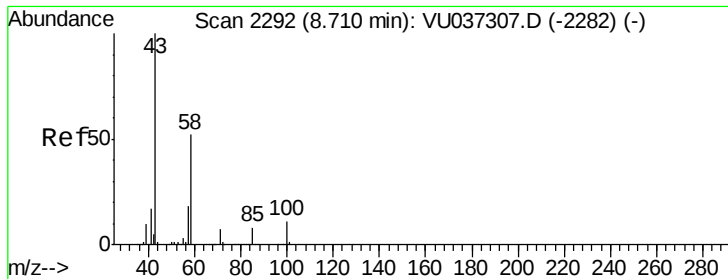
75 100

77 48.9 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU037307.D (-1947) (-)

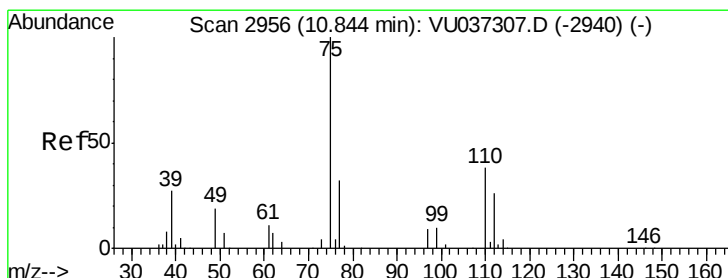
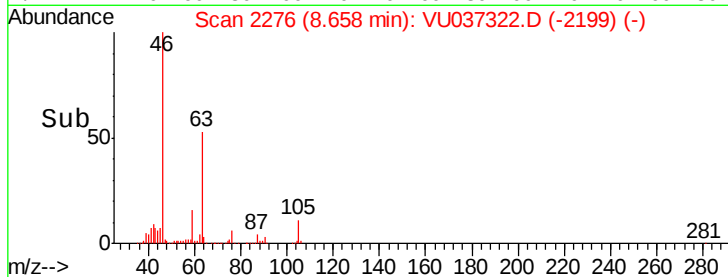
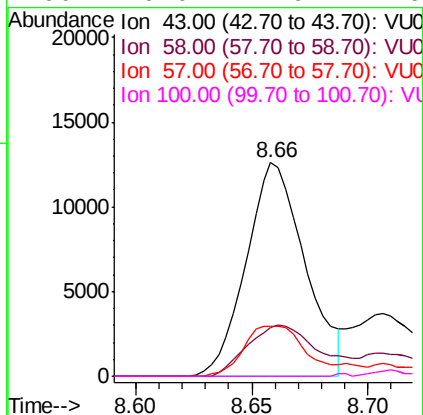
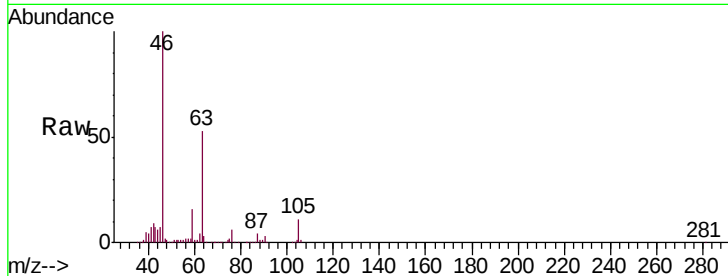




#48
 2-Hexanone
 Concen: 5.032 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
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 MSVOA_U
 ClientSampleId :
 CONG9

Tgt Ion:	43	Resp:	22248
Ion	Ratio	Lower	Upper
43	100		
58	29.1	39.8	59.6#
57	12.0	14.5	21.7#
100	0.0	7.9	11.9#



#59
 1,2,3-Trichloropropane
 Concen: 4.548 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037322.D
 Acq: 17 Mar 2020 17:15

Tgt Ion:	75	Resp:	21789
Ion	Ratio	Lower	Upper
75	100		
77	36.3	25.0	37.6

