

Data File : VU037314.D
Acq On : 17 Mar 2020 14:13
Operator : JC/MD
Sample : L1901-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CONF2

Quant Time: Mar 18 02:39:09 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	378295	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	368786	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143469	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119124	40.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.38%
7) Chloroethane-d5	1.93	69	109056	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.59	63	173189	32.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.48%
21) 2-Butanone-d5	4.67	46	246454	106.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.37%
24) Chloroform-d	5.11	84	269113	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
26) 1,2-Dichloroethane-d4	5.74	65	200389	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
32) Benzene-d6	5.76	84	490892	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
36) 1,2-Dichloropropane-d6	6.72	67	158903	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.64%
41) Toluene-d8	7.92	98	458431	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%
43) trans-1,3-Dichloropropene-	8.20	79	86121	47.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.22%
47) 2-Hexanone-d5	8.66	63	169100	98.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.28%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	245723	47.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.48%
64) 1,2-Dichlorobenzene-d4	12.21	152	164696	55.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.68%

Target Compounds

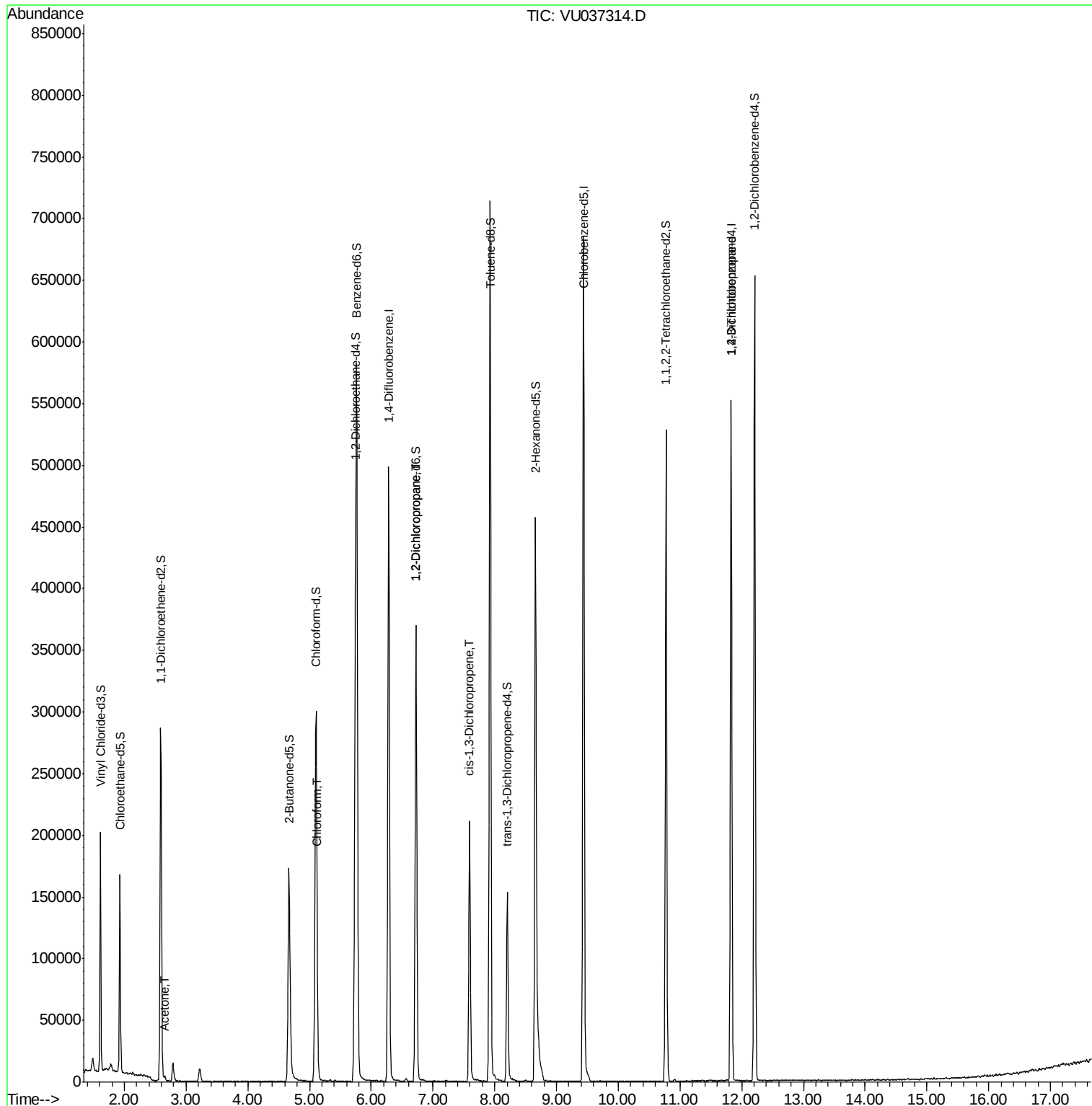
					Qvalue
13) Acetone	2.66	43	3657	1.664 ug/L	78
25) Chloroform	5.13	83	13372	2.363 ug/L	99
37) 1,2-Dichloropropane	6.73	63	19987	6.469 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	6242	1.303 ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	18936	4.409 ug/L #	86

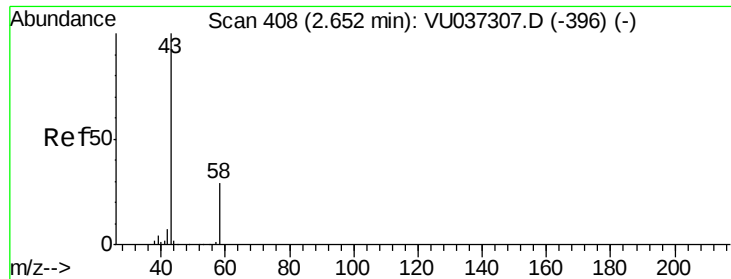
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.664 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037314.D

Acq: 17 Mar 2020 14:13

Instrument :

MSVOA_U

ClientSampleId :

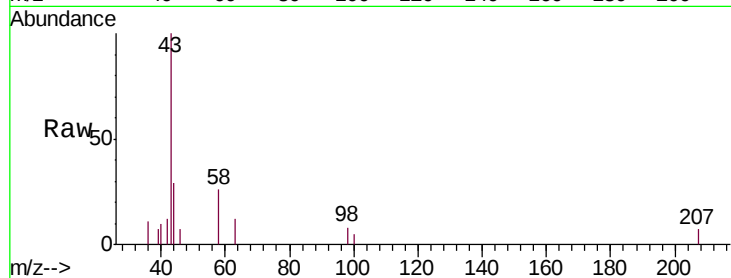
CONF2

Tgt Ion: 43 Resp: 3657

Ion Ratio Lower Upper

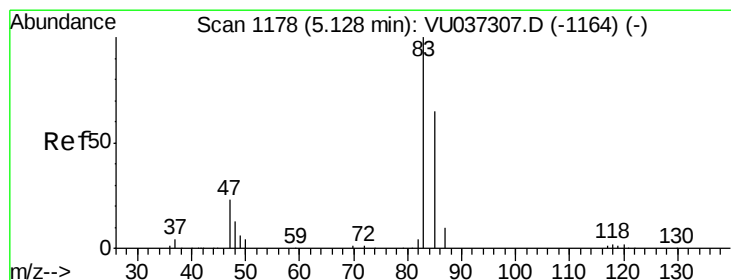
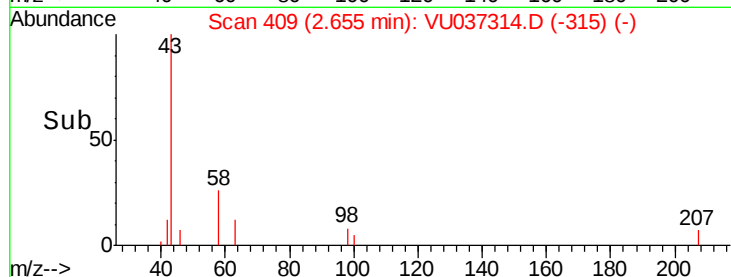
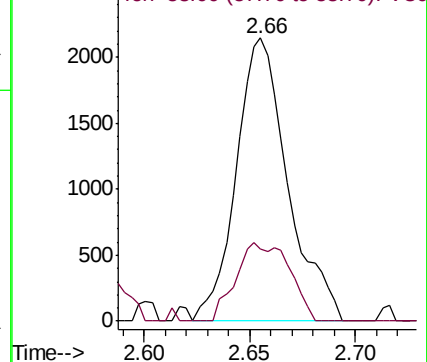
43 100

58 17.2 0.0 57.2



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

Ion 58.00 (57.70 to 58.70): VU037307.D (-396) (-)



#25

Chloroform

Concen: 2.363 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU037314.D

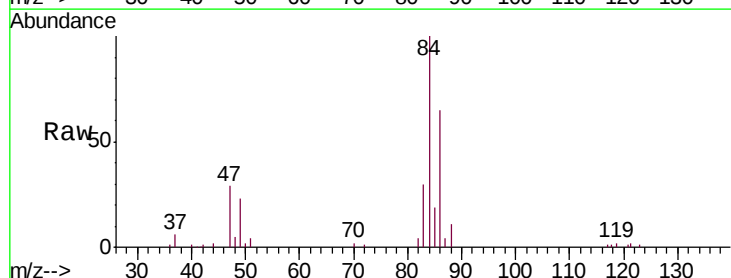
Acq: 17 Mar 2020 14:13

Tgt Ion: 83 Resp: 13372

Ion Ratio Lower Upper

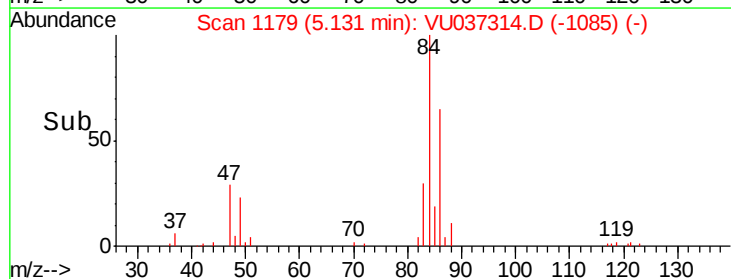
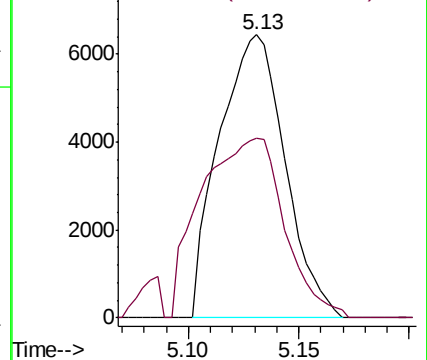
83 100

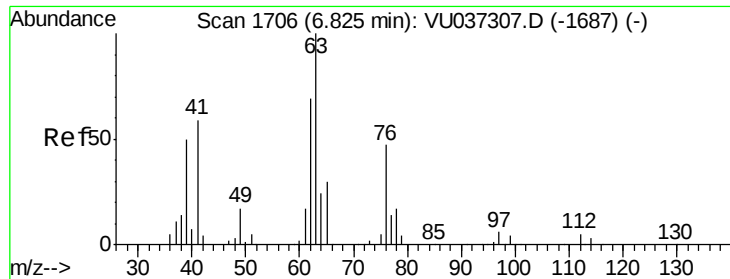
85 63.5 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU037307.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU037307.D (-1164) (-)

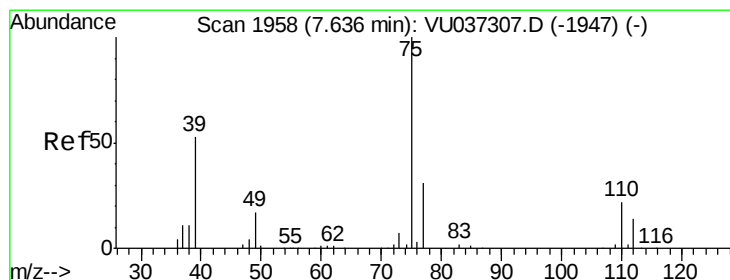
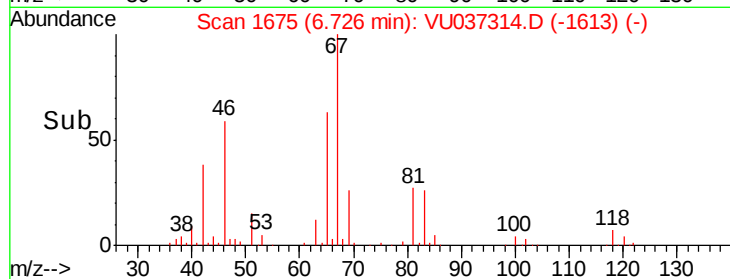
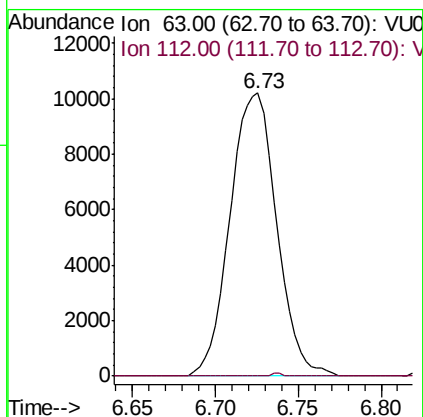
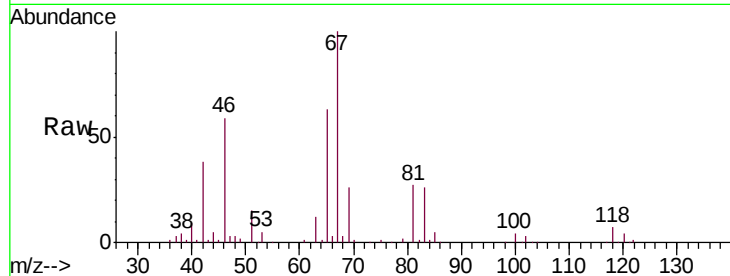




#37
 1,2-Dichloropropane
 Concen: 6.469 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037314.D
 Acq: 17 Mar 2020 14:13

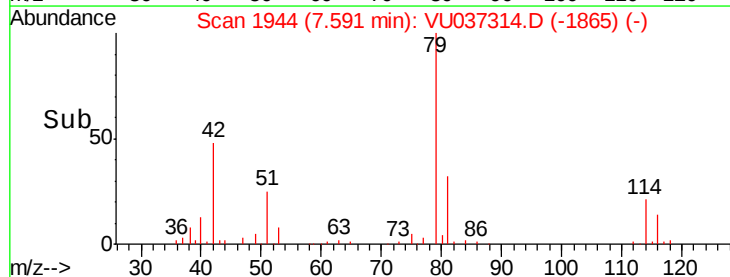
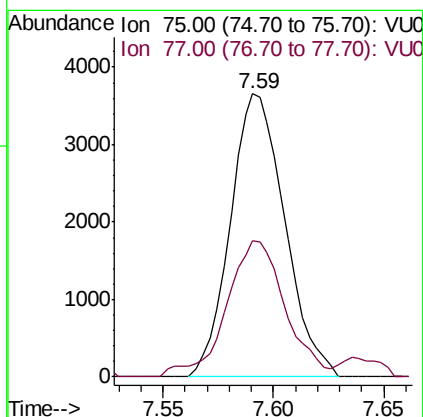
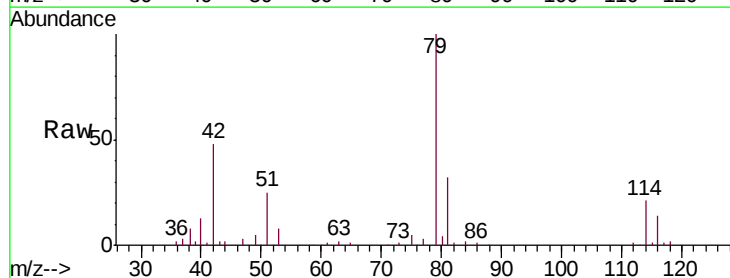
Instrument :
 MSVOA_U
 ClientSampleId :
 CONF2

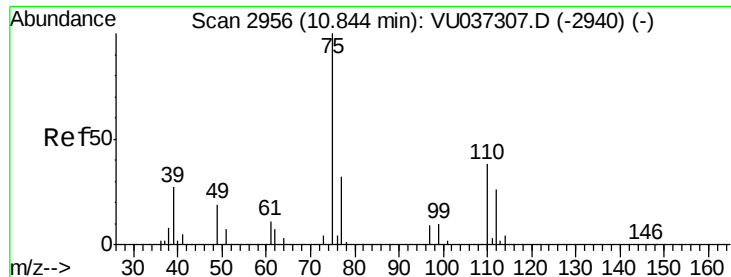
Tgt Ion: 63 Resp: 19987
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.303 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037314.D
 Acq: 17 Mar 2020 14:13

Tgt Ion: 75 Resp: 6242
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.5 41.9#





#59
 1,2,3-Trichloropropane
 Concen: 4.409 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037314.D
 Acq: 17 Mar 2020 14:13

Instrument :
 MSVOA_U
 ClientSampleId :
 CONF2

Tgt Ion: 75 Resp: 18936
 Ion Ratio Lower Upper
 75 100
 77 39.0 25.0 37.6#

