

Data File : VU037326.D
Acq On : 17 Mar 2020 18:46
Operator : JC/MD
Sample : L1494-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CONH9

Quant Time: Mar 18 02:40:54 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	431602	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	422072	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	170792	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119707	35.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.68%
7) Chloroethane-d5	1.93	69	112599	41.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.62%
11) 1,1-Dichloroethene-d2	2.59	63	181047	29.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.08%#
21) 2-Butanone-d5	4.67	46	259844	98.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.30%
24) Chloroform-d	5.11	84	283723	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	5.74	65	209982	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
32) Benzene-d6	5.76	84	518101	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.18%
36) 1,2-Dichloropropane-d6	6.72	67	175224	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.14%
41) Toluene-d8	7.93	98	489784	44.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.20	79	89120	43.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.10%
47) 2-Hexanone-d5	8.66	63	188196	95.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.57%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	266594	45.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.50%
64) 1,2-Dichlorobenzene-d4	12.21	152	182605	51.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.08%

Target Compounds

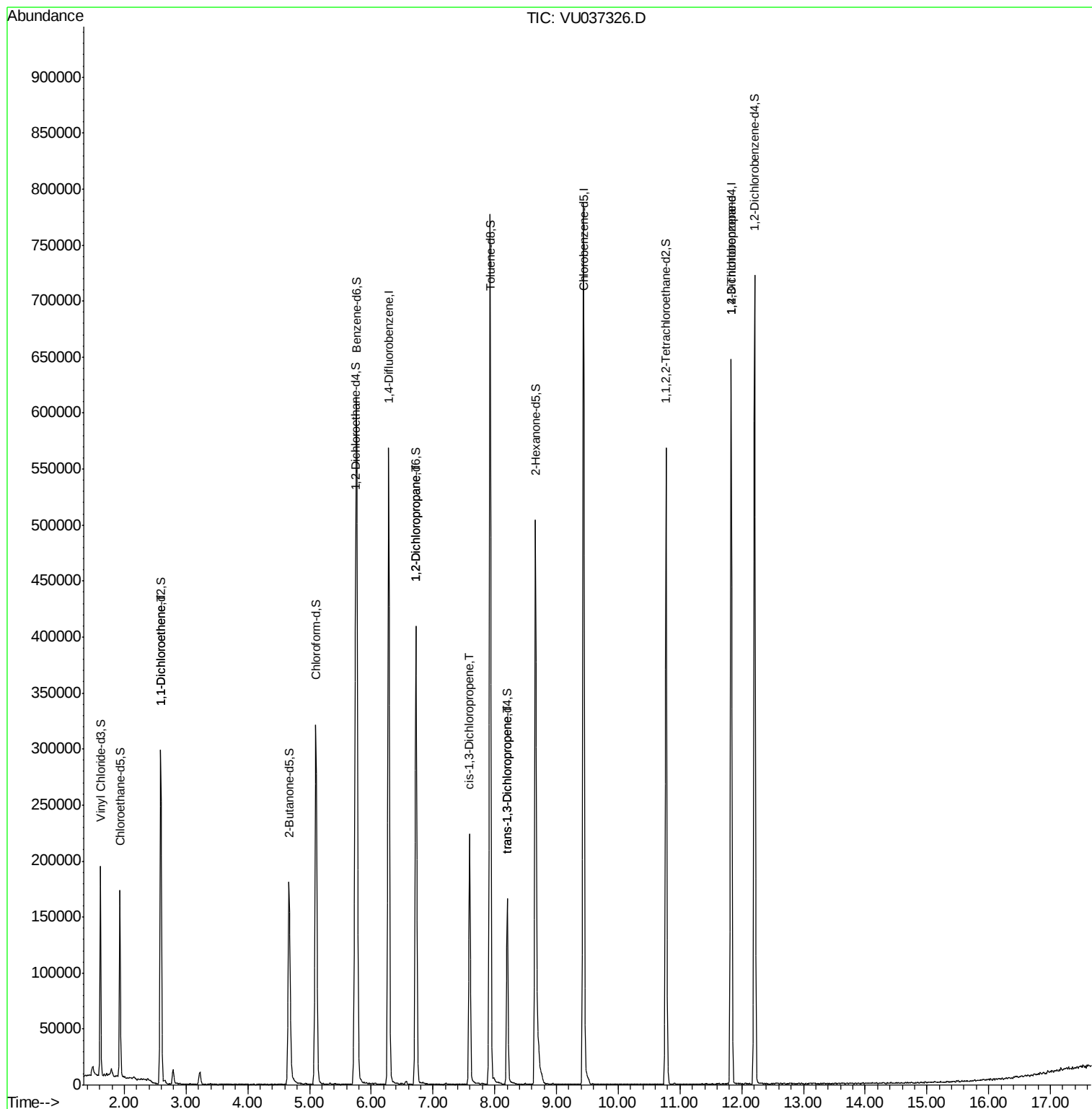
					Qvalue	
12) 1,1-Dichloroethene	2.60	96	2335	0.917	ug/L #	1
37) 1,2-Dichloropropane	6.73	63	21783	6.160	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	6655	1.214	ug/L #	64
44) trans-1,3-Dichloropropene	8.20	75	5198	1.004	ug/L	86
59) 1,2,3-Trichloropropane	11.83	75	21997	4.475	ug/L #	84

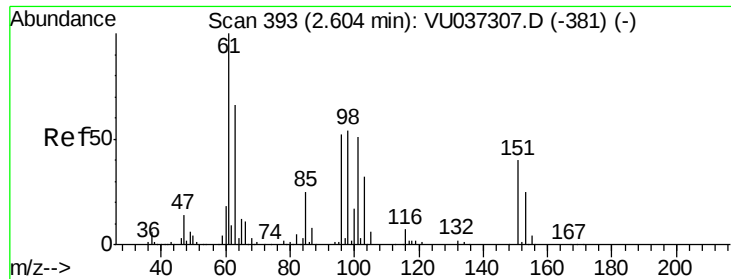
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.917 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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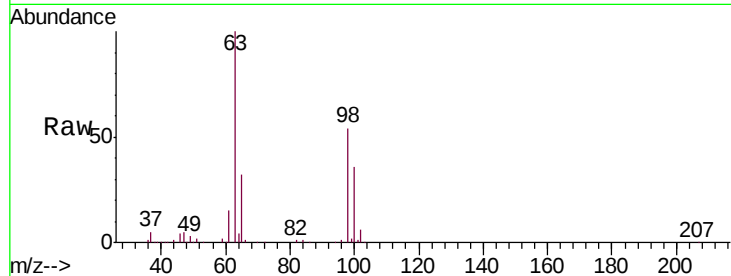
Tgt Ion: 96 Resp: 2335

Ion Ratio Lower Upper

96 100

61 1152.6 138.8 257.8#

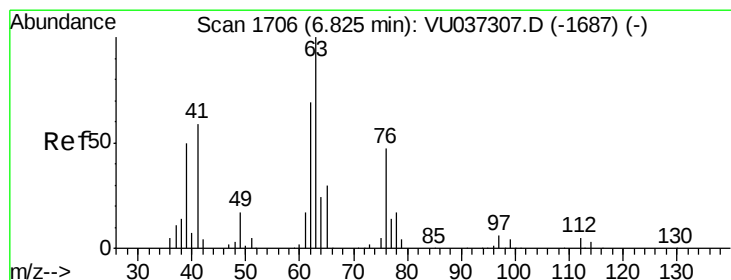
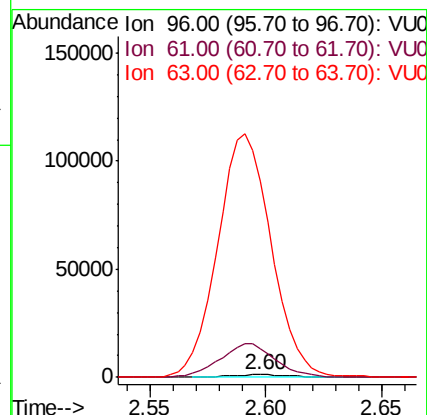
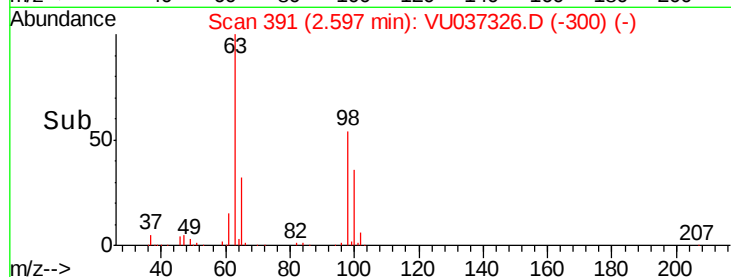
63 7846.8 106.4 197.6#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#37

1,2-Dichloropropane

Concen: 6.160 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU037326.D

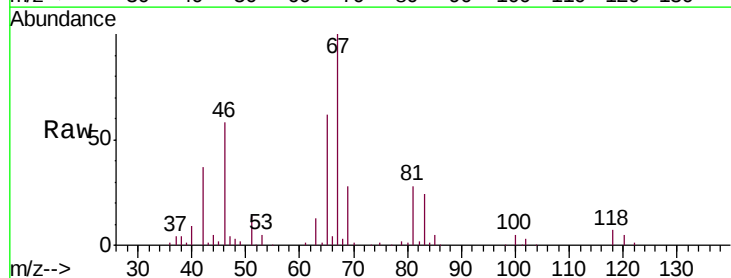
Acq: 17 Mar 2020 18:46

Tgt Ion: 63 Resp: 21783

Ion Ratio Lower Upper

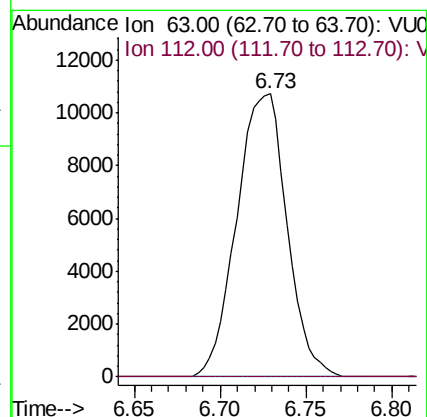
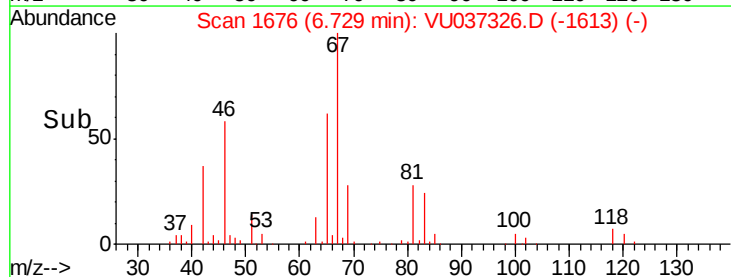
63 100

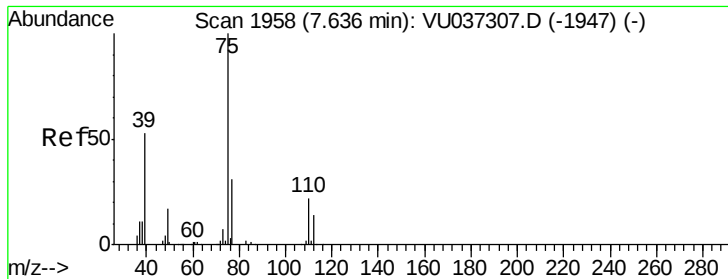
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.214 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

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Acq: 17 Mar 2020 18:46

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ClientSampleId :

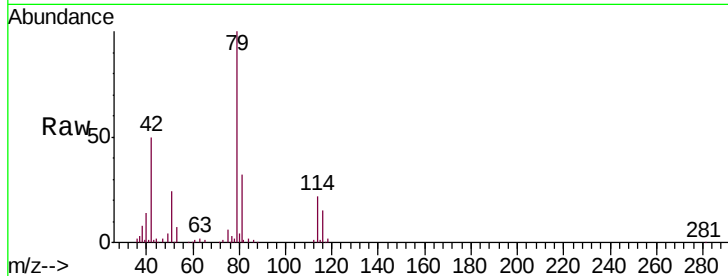
CONH9

Tgt Ion: 75 Resp: 6655

Ion Ratio Lower Upper

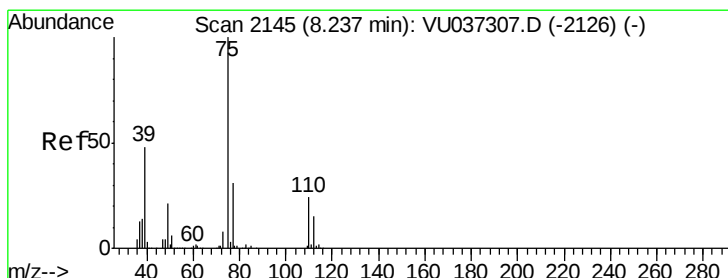
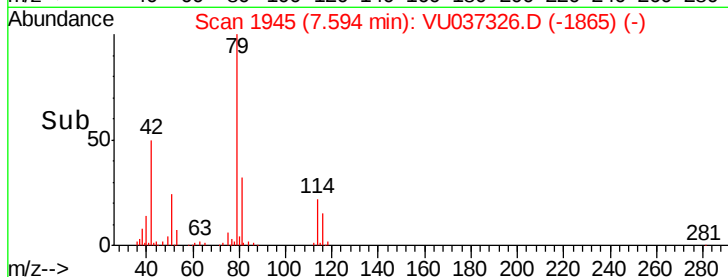
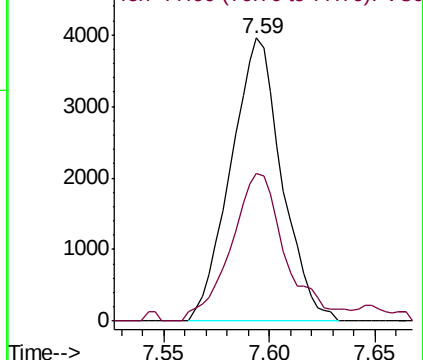
75 100

77 52.1 22.5 41.9#



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

Ion 77.00 (76.70 to 77.70): VU037307.D (-1947) (-)



#44

trans-1,3-Dichloropropene

Concen: 1.004 ug/L

RT: 8.20 min Scan# 2134

Delta R.T. -0.04 min

Lab File: VU037326.D

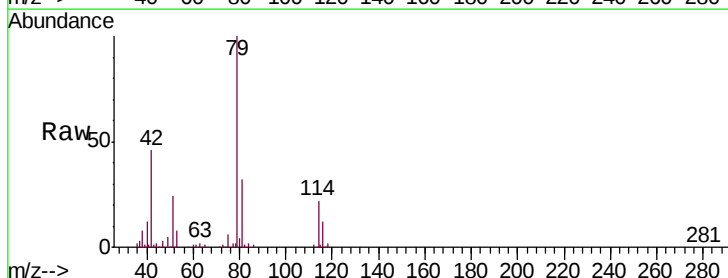
Acq: 17 Mar 2020 18:46

Tgt Ion: 75 Resp: 5198

Ion Ratio Lower Upper

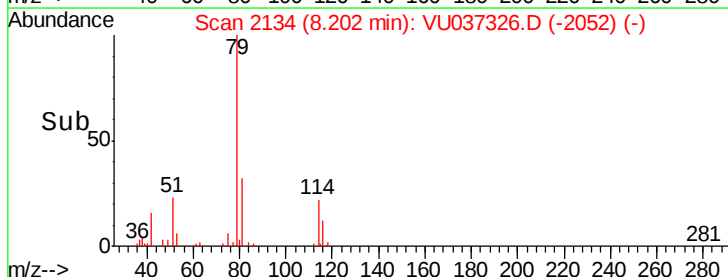
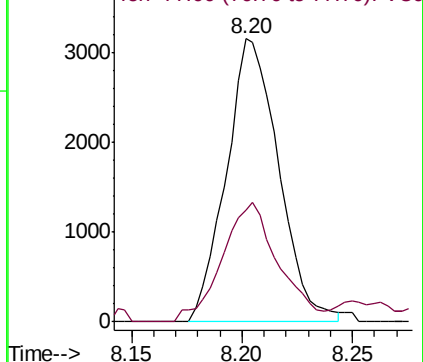
75 100

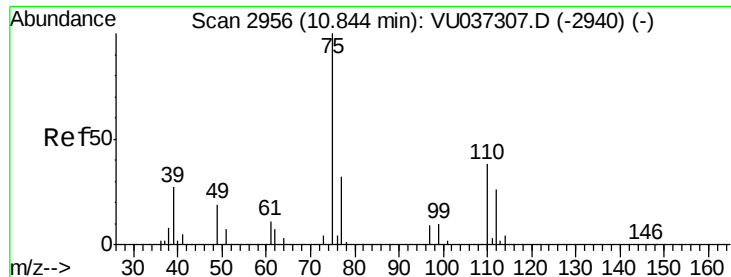
77 39.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU037307.D (-2126) (-)

Ion 77.00 (76.70 to 77.70): VU037307.D (-2126) (-)





#59

1,2,3-Trichloropropane

Concen: 4.475 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037326.D

Acq: 17 Mar 2020 18:46

Instrument :

MSVOA_U

ClientSampleId :

CONH9

Tgt Ion: 75 Resp: 21997

Ion Ratio Lower Upper

75 100

77 40.3 25.0 37.6#

