

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037903.D
 Acq On : 29 Apr 2020 10:39
 Operator : JC/MD
 Sample : VU0429WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 01:19:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	675579	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	656263	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	301072	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	220855	37.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.82%
7) Chloroethane-d5	1.93	69	202669	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.59	63	296505	31.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.06%
21) 2-Butanone-d5	4.66	46	422859	90.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.41%
24) Chloroform-d	5.10	84	402474	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	5.74	65	289621	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
32) Benzene-d6	5.76	84	857256	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
36) 1,2-Dichloropropane-d6	6.72	67	294477	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.88%
41) Toluene-d8	7.92	98	769444	45.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.22%
43) trans-1,3-Dichloropropene-	8.20	79	136480	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.44%
47) 2-Hexanone-d5	8.65	63	317616	94.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	423466	49.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.06%
64) 1,2-Dichlorobenzene-d4	12.20	152	286434	48.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.78%

Target Compounds

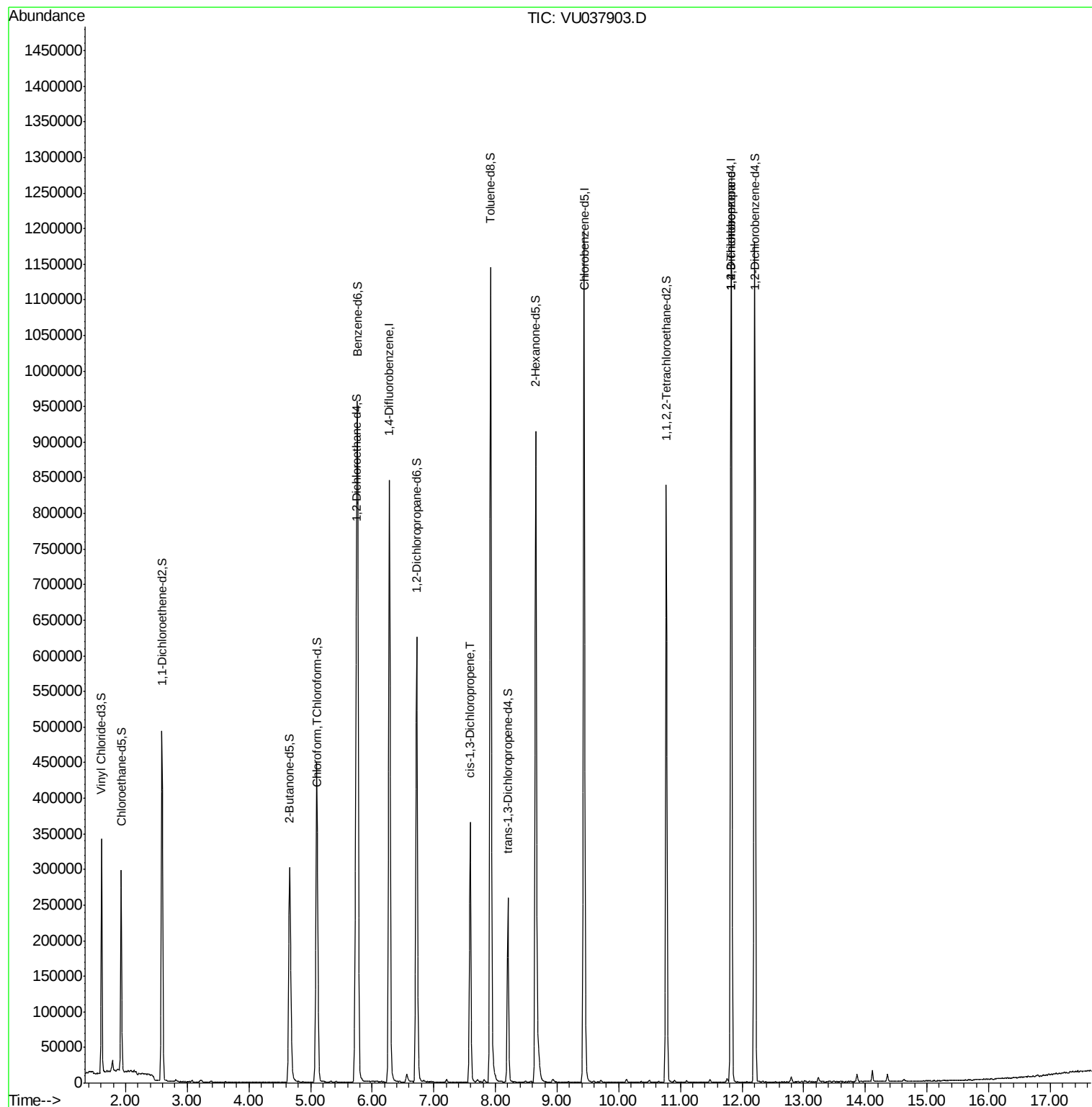
					Ovalue
25) Chloroform	5.12	83	10791	1.248 ug/L	91
39) cis-1,3-Dichloropropene	7.59	75	8282	0.951 ug/L #	58
59) 1,2,3-Trichloropropane	11.83	75	42191	5.773 ug/L	92

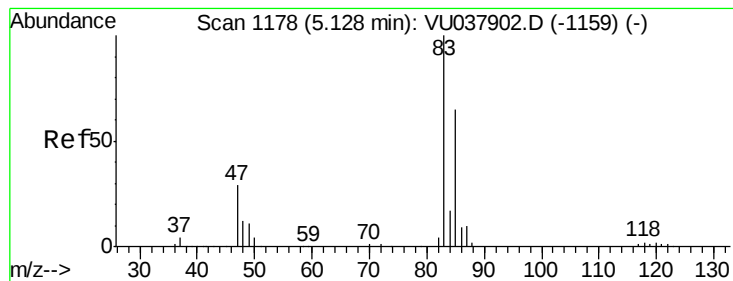
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.248 ug/L

RT: 5.12 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VU037903.D

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Instrument :

MSVOA_U

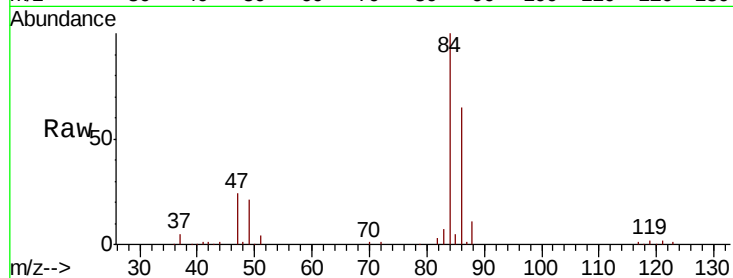
ClientSampleId :

Tot Ion: 83 Resp: 10791

Ion Ratio Lower Upper

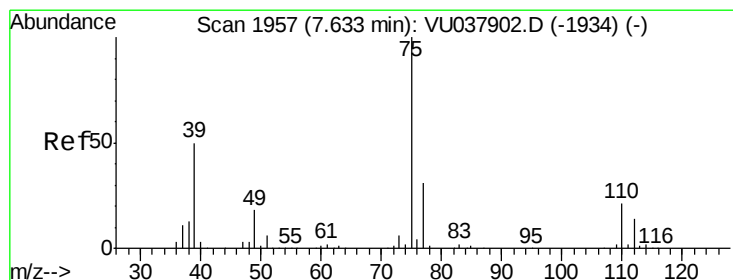
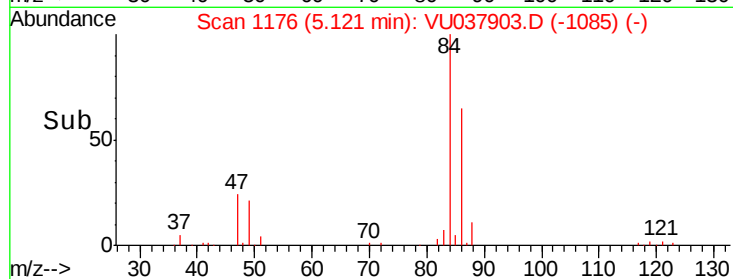
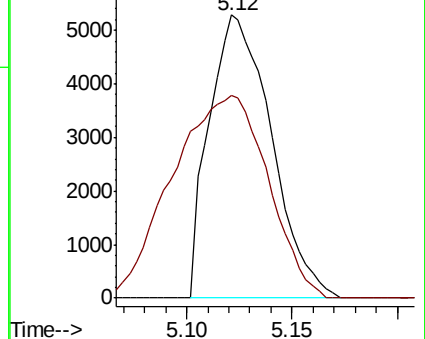
83 100

85 71.8 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VU037902.D (-1159) (-)

Ion 85.00 (84.70 to 85.70): VU037902.D (-1159) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.951 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037903.D

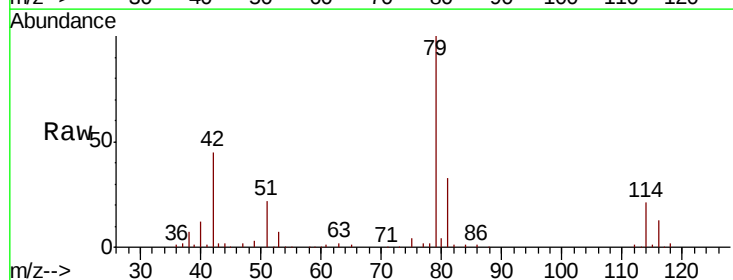
Acq: 29 Apr 2020 10:39

Tgt Ion: 75 Resp: 8282

Ion Ratio Lower Upper

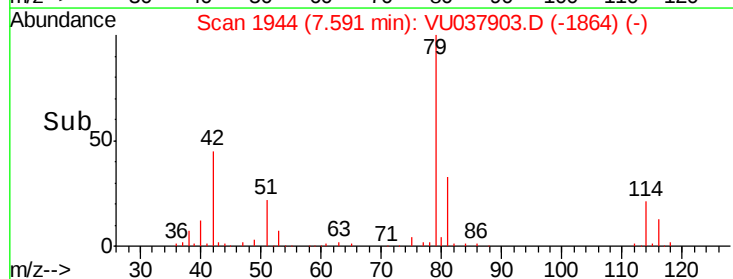
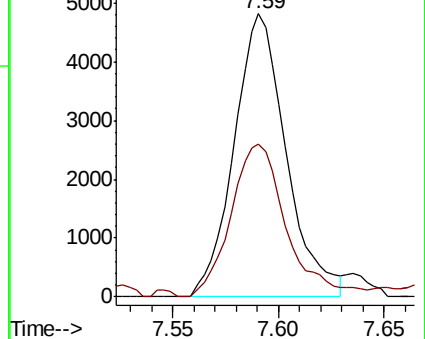
75 100

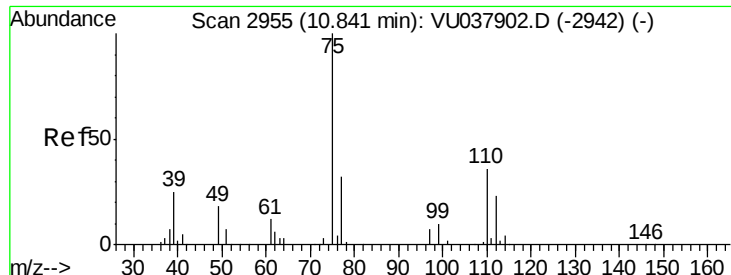
77 54.1 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VU037902.D (-1934) (-)

Ion 77.00 (76.70 to 77.70): VU037902.D (-1934) (-)





#59

1,2,3-Trichloropropane

Concen: 5.773 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037903.D

Acq: 29 Apr 2020 10:39

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 42191

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.6

