

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037222.D
 Acq On : 13 Mar 2020 04:24
 Operator : JC/MD
 Sample : L1886-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 08:32:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 08:28:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	387995	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	381313	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	160157	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	130858	43.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.16%
7) Chloroethane-d5	1.93	69	112752	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.14%
11) 1,1-Dichloroethene-d2	2.59	63	188198	34.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.32%
21) 2-Butanone-d5	4.67	46	249513	105.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.00%
24) Chloroform-d	5.11	84	277752	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
26) 1,2-Dichloroethane-d4	5.74	65	205323	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.18%
32) Benzene-d6	5.76	84	506739	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
36) 1,2-Dichloropropane-d6	6.72	67	167722	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.62%
41) Toluene-d8	7.92	98	469854	46.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.64%
43) trans-1,3-Dichloropropene-	8.20	79	83613	44.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.42%
47) 2-Hexanone-d5	8.66	63	173367	97.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.45%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	248280	46.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.30%
64) 1,2-Dichlorobenzene-d4	12.21	152	175295	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%

Target Compounds

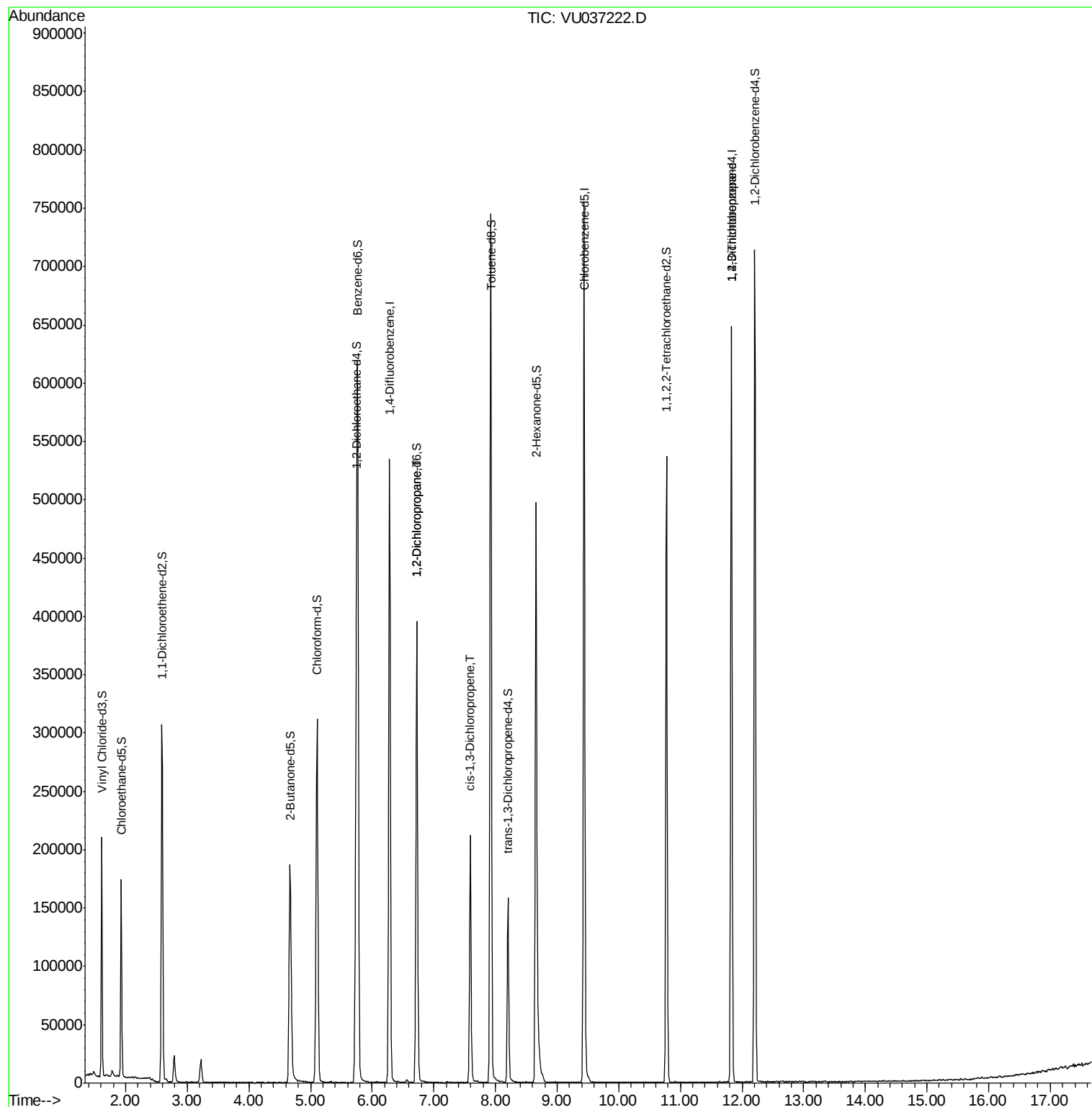
					Ovalue
37) 1,2-Dichloropropane	6.72	63	22261	6.968 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	6457	1.303 ug/L #	60
59) 1,2,3-Trichloropropane	11.83	75	22307	5.023 ug/L #	88

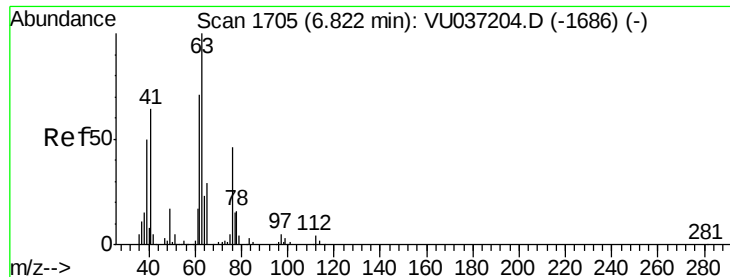
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#37

1,2-Dichloropropane

Concen: 6.968 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037222.D

Acq: 13 Mar 2020 04:24

Instrument :

MSVOA_U

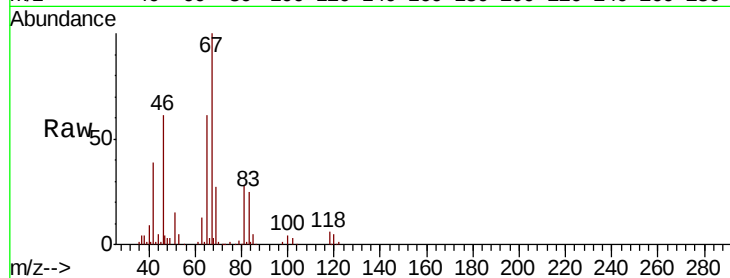
ClientSampleId :

Tot Ion: 63 Resp: 22261

Ion Ratio Lower Upper

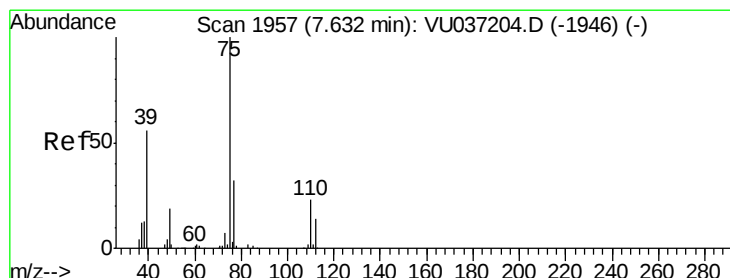
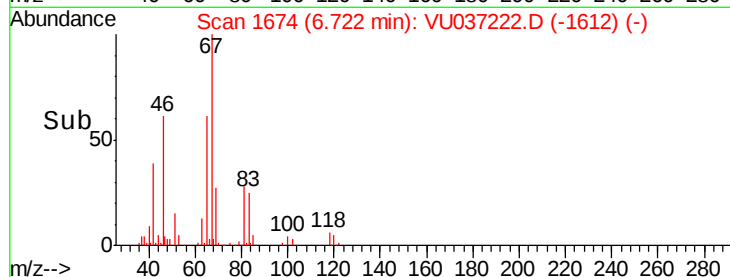
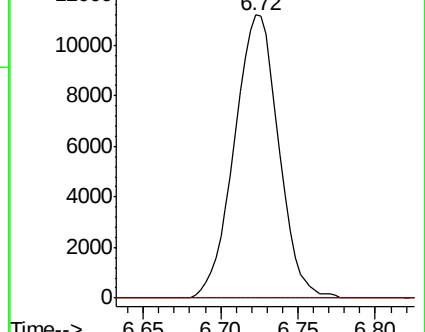
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU037204.D (-1686) (-)

Ion 112.00 (111.70 to 112.70): VU037204.D (-1686) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.303 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037222.D

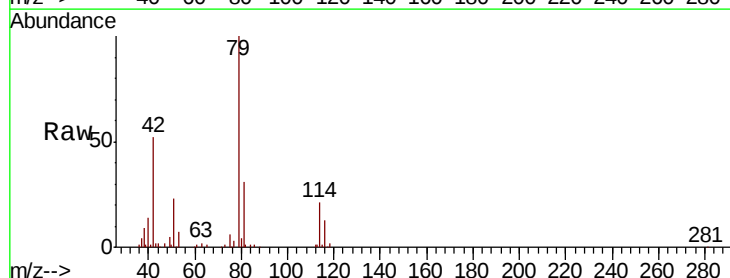
Acq: 13 Mar 2020 04:24

Tgt Ion: 75 Resp: 6457

Ion Ratio Lower Upper

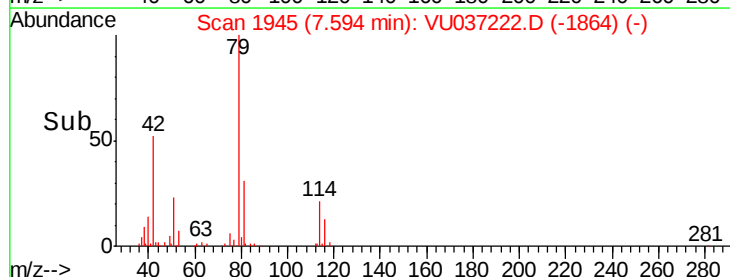
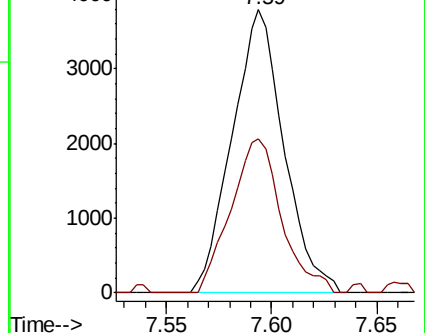
75 100

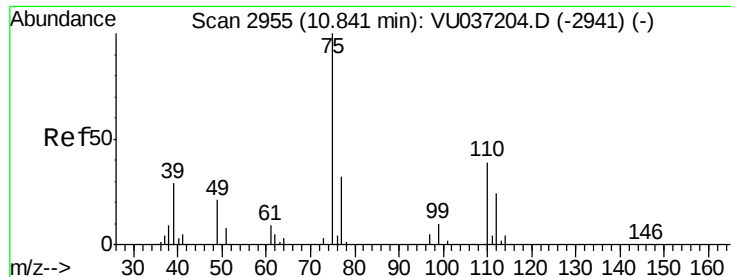
77 54.6 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU037204.D (-1946) (-)

Ion 77.00 (76.70 to 77.70): VU037204.D (-1946) (-)





#59
 1,2,3-Trichloropropane
 Concen: 5.023 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037222.D
 Acq: 13 Mar 2020 04:24

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 22307
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.0 37.6#

