

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037466.D
 Acq On : 30 Mar 2020 16:36
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 01:20:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 01:16:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	155044	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	145426	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	74506	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31920	2.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.80%
7) Chloroethane-d5	1.93	69	28930	3.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.40%
11) 1,1-Dichloroethene-d2	2.59	63	50363	2.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.00%#
20) 2-Butanone-d5	4.67	46	108196	34.68	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.36%
24) Chloroform-d	5.10	84	67121	2.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	59.40%#
26) 1,2-Dichloroethane-d4	5.74	65	39912	3.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.20%#
32) Benzene-d6	5.76	84	133403	3.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.60%#
36) 1,2-Dichloropropane-d6	6.72	67	44825	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	64.40%
41) Toluene-d8	7.93	98	122080	3.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.20%#
43) trans-1,3-Dichloropropene-	8.20	79	19876	3.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.80%
46) 2-Hexanone-d5	8.66	63	89329	34.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.72%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	36199	3.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.00%#
64) 1,2-Dichlorobenzene-d4	12.21	152	45706	3.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	62.20%#

Target Compounds

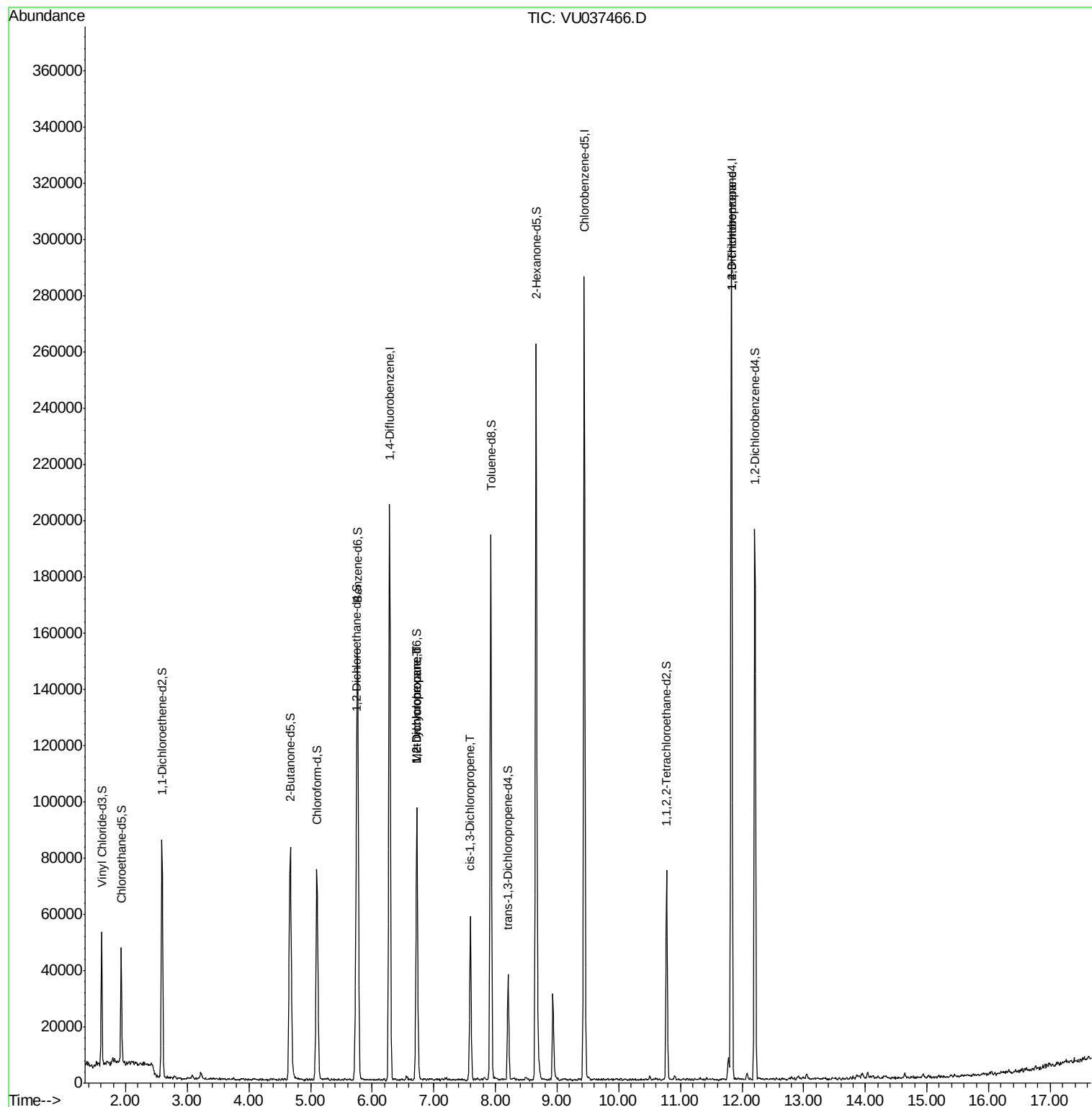
				Ovalue	
35) Methylcyclohexane	6.72	83	10735	0.553	ug/L # 17
37) 1,2-Dichloropropane	6.73	63	4943	0.444	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	1947	0.107	ug/L # 64
59) 1,2,3-Trichloropropane	11.83	75	10138	1.309	ug/L # 88

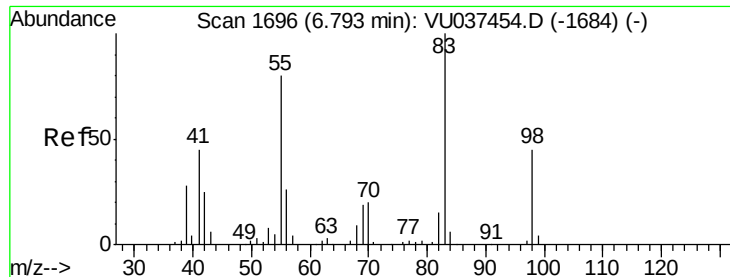
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylvlcyclohexane

Concen: 0.553 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037466.D

Acq: 30 Mar 2020 16:36

Instrument :

MSVOA_U

ClientSampleId :

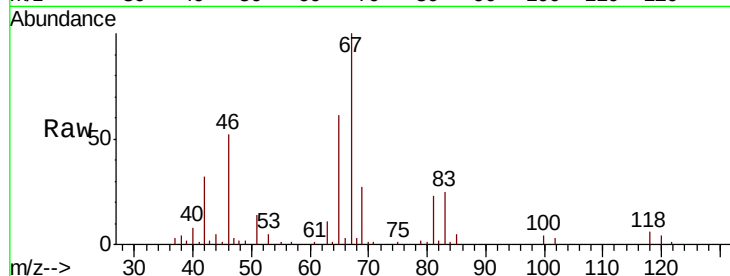
Tot Ion: 83 Resp: 10735

Ion Ratio Lower Upper

83 100

55 0.5 64.2 96.4#

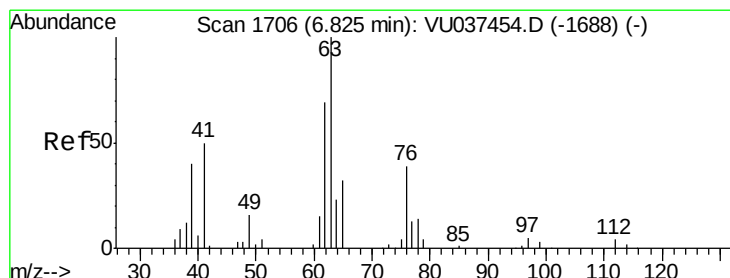
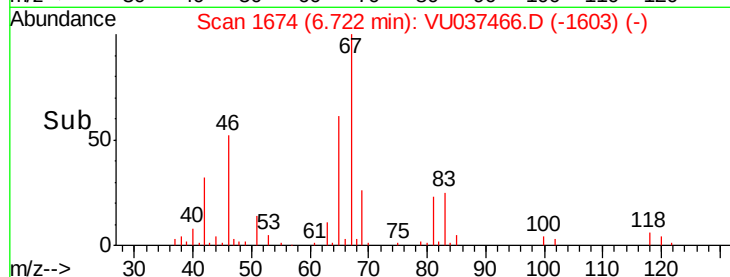
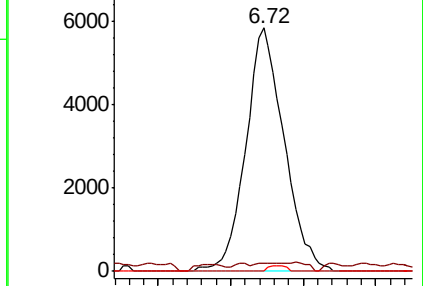
98 0.0 36.3 54.5#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.444 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037466.D

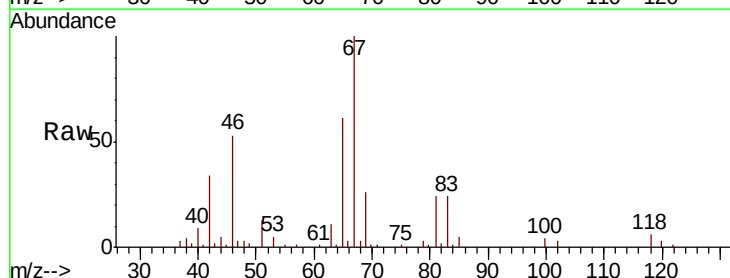
Acq: 30 Mar 2020 16:36

Tgt Ion: 63 Resp: 4943

Ion Ratio Lower Upper

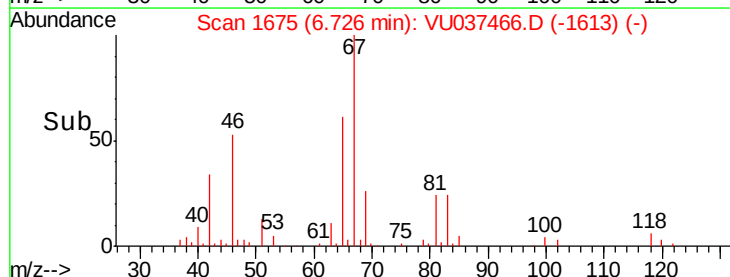
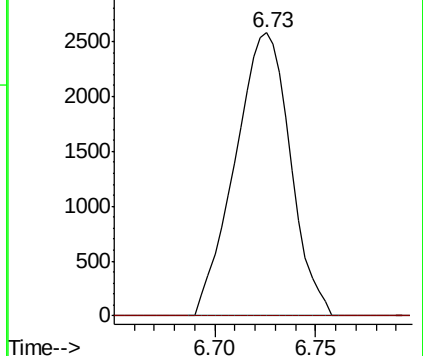
63 100

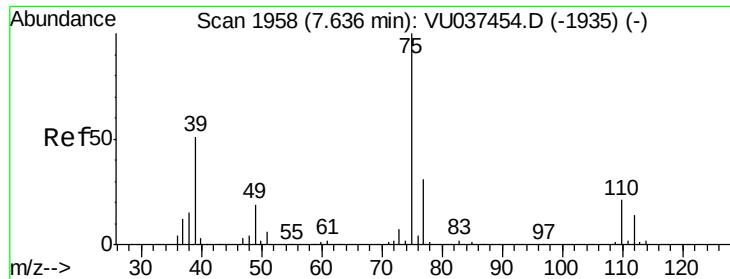
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



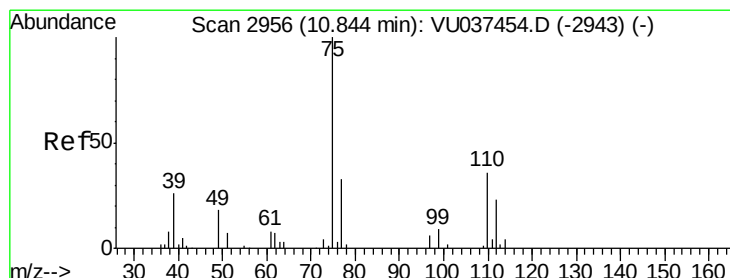
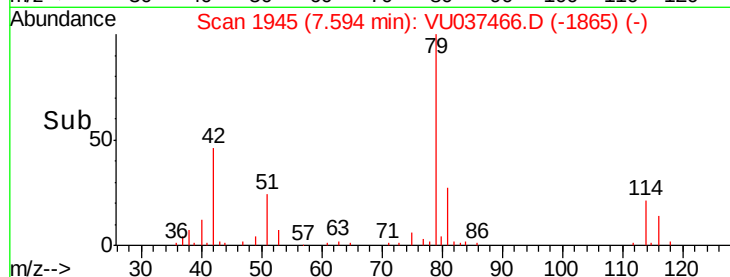
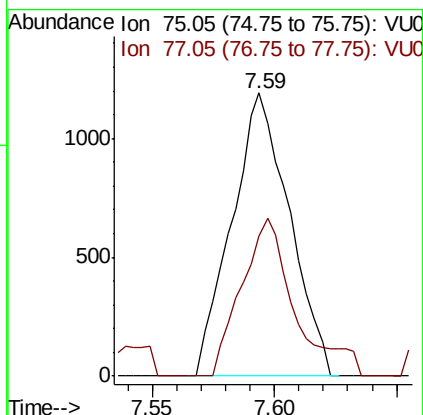
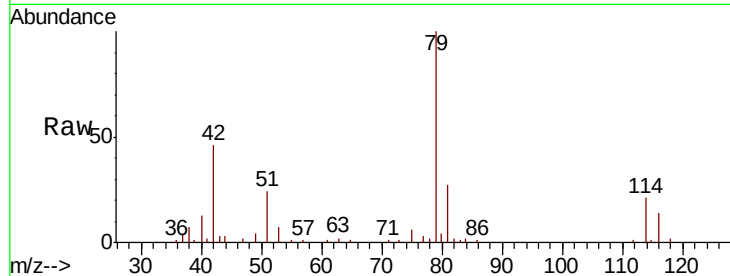


#39

cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037466.D
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Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 1947
 Ion Ratio Lower Upper
 75 100
 77 49.6 21.1 39.3#



#59

1,2,3-Trichloropropane
 Concen: 1.309 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037466.D
 Acq: 30 Mar 2020 16:36

Tgt Ion: 75 Resp: 10138
 Ion Ratio Lower Upper
 75 100
 77 41.2 27.4 41.2#

