

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U033020\
 Data File : VU037473.D
 Acq On : 30 Mar 2020 20:46
 Operator : JC/MD
 Sample : VU0330WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 04:03:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 04:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	104217	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	95310	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	47545	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30976	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.93	69	26159	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.59	63	47020	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.68	46	110798	52.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.68%
24) Chloroform-d	5.11	84	64107	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.74	65	36387	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.76	84	123503	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.72	67	42269	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.93	98	110546	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.20	79	19030	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.66	63	92970	54.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	35643	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	41852	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

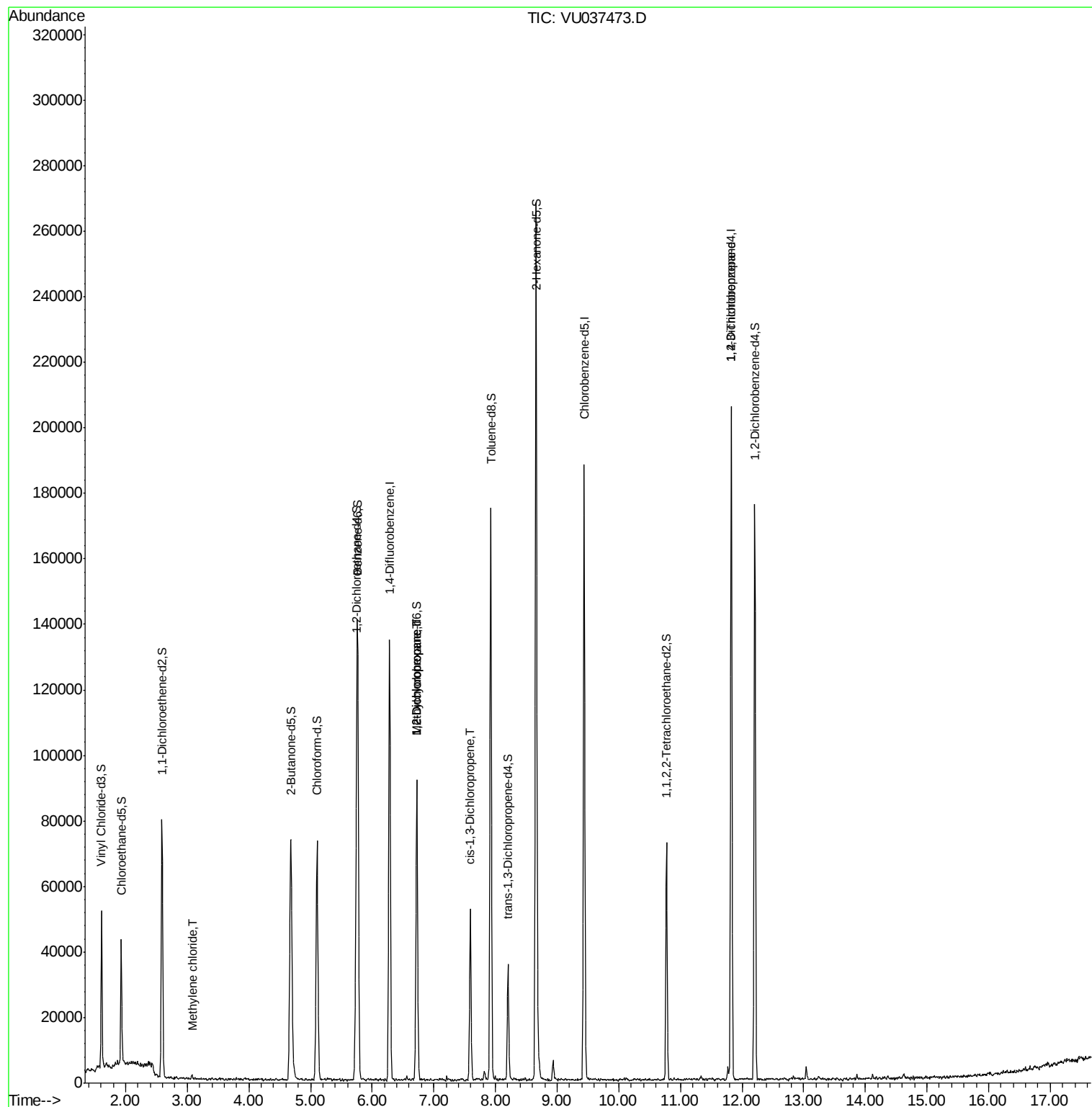
				Ovalue	
16) Methylene chloride	3.08	84	645	0.084	ug/L # 73
35) Methylcyclohexane	6.72	83	9530	0.749	ug/L # 18
37) 1,2-Dichloropropane	6.72	63	4582	0.628	ug/L # 88
39) cis-1,3-Dichloropropene	7.60	75	1283	0.108	ug/L # 44
59) 1,2,3-Trichloropropane	11.83	75	6736	1.327	ug/L # 87

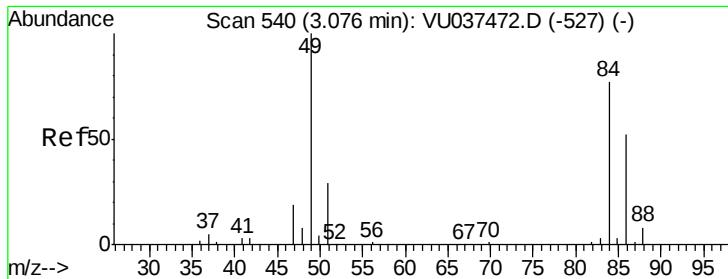
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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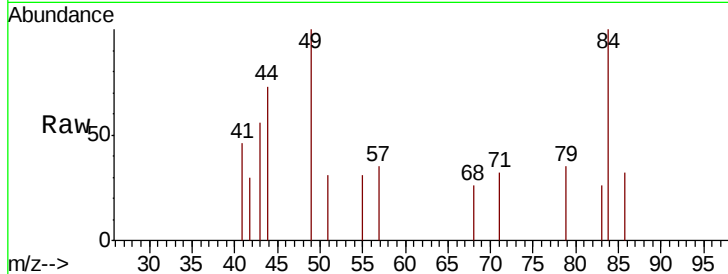




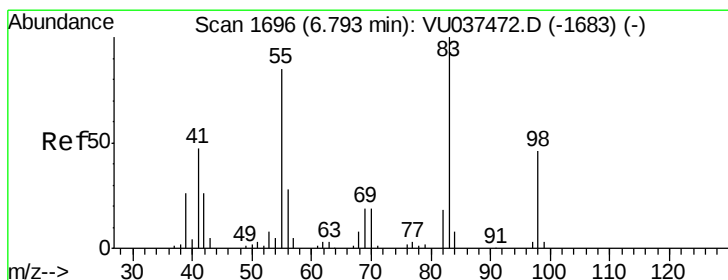
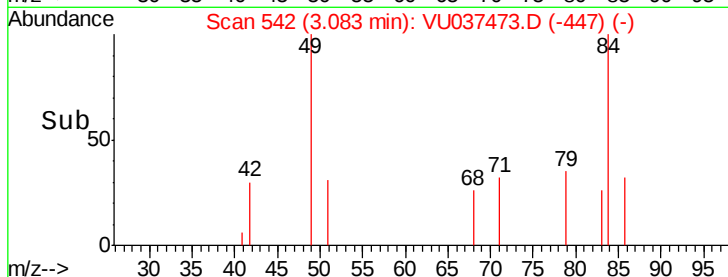
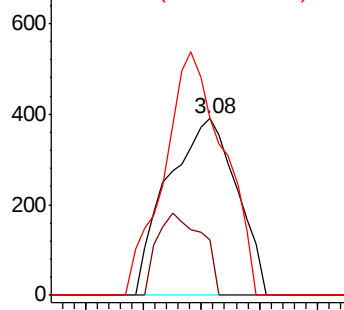
#16
Methvlene chloride
Concen: 0.084 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.01 min
Lab File: VU037473.D
Acq: 30 Mar 2020 20:46

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 645
Ion Ratio Lower Upper
84 100
86 31.5 43.6 81.0#
49 100.0 86.4 160.4

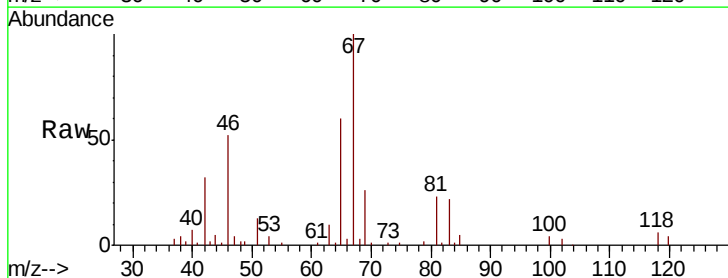


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

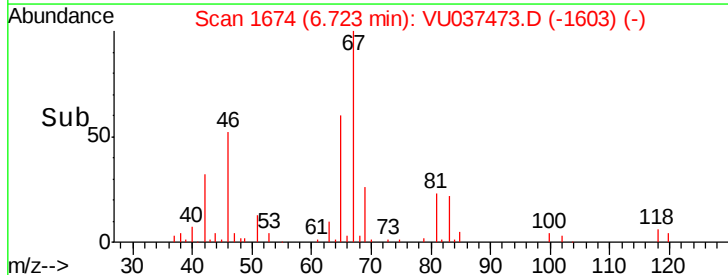
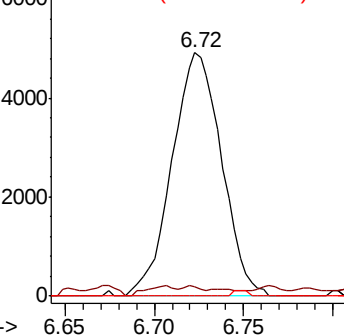


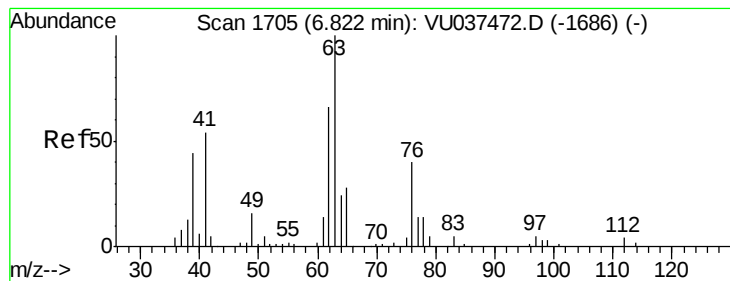
#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037473.D
Acq: 30 Mar 2020 20:46

Tgt Ion: 83 Resp: 9530
Ion Ratio Lower Upper
83 100
55 1.4 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: 0.628 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU037473.D

Acq: 30 Mar 2020 20:46

Instrument :

MSVOA_U

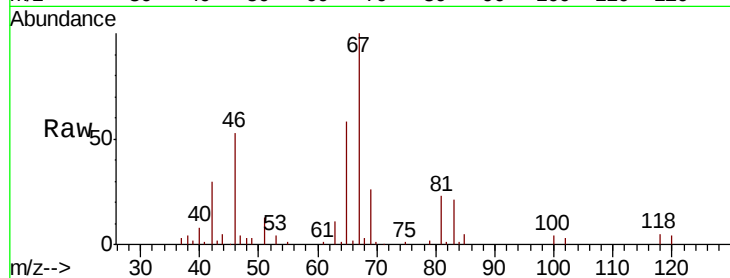
ClientSampled :

Tot Ion: 63 Resp: 4582

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU037473.D (-1673) (-)

Ion 112.10 (111.80 to 112.80): VU037473.D (-1673) (-)

6.72

2500

2000

1500

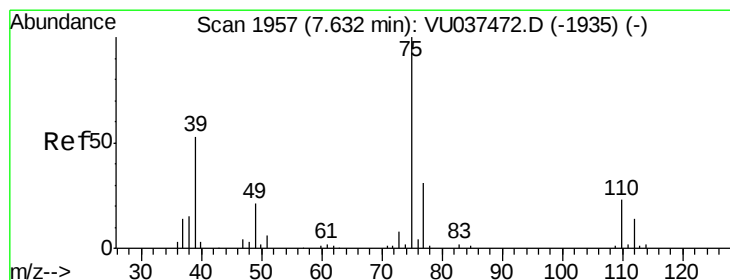
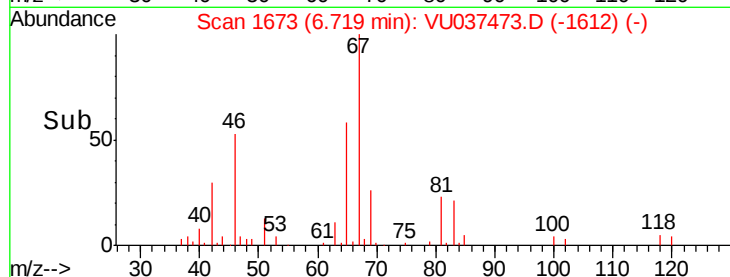
1000

500

0

6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU037473.D

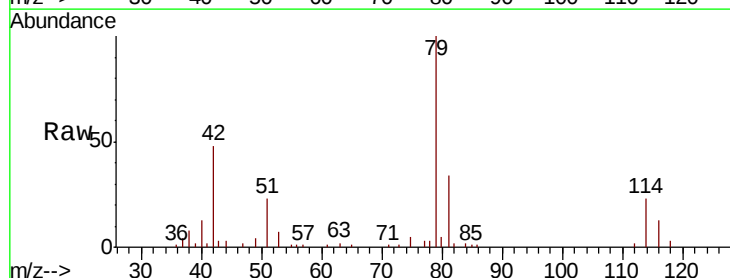
Acq: 30 Mar 2020 20:46

Tgt Ion: 75 Resp: 1283

Ion Ratio Lower Upper

75 100

77 60.4 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU037473.D (-1946) (-)

Ion 77.05 (76.75 to 77.75): VU037473.D (-1946) (-)

7.60

800

600

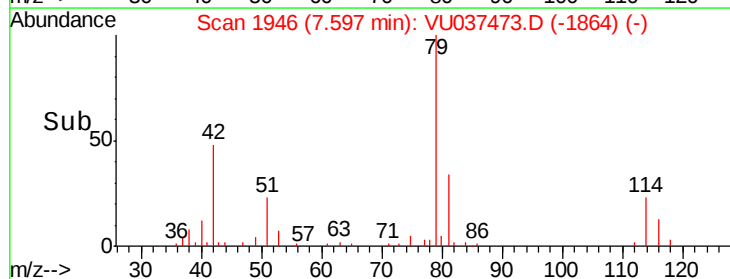
400

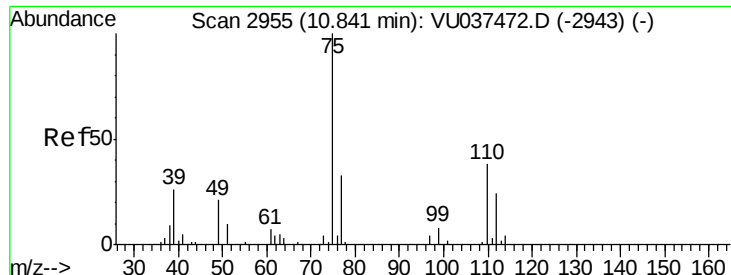
200

0

7.55 7.60

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.327 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037473.D

Acq: 30 Mar 2020 20:46

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6736

Ion Ratio Lower Upper

75 100

77 42.0 27.4 41.2#

