

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039108.D
 Acq On : 25 Jun 2020 12:11
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jun 26 01:01:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	285732	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292090	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	123394	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71833	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.93	69	68669	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.59	63	108815	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	4.67	46	352688	46.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.42%
24) Chloroform-d	5.10	84	169377	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.74	65	106922	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
32) Benzene-d6	5.76	84	305492	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.40%
36) 1,2-Dichloropropane-d6	6.72	67	106679	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.40%
41) Toluene-d8	7.92	98	228753	3.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.60%#
43) trans-1,3-Dichloropropene-	8.20	79	43222	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.65	63	265832	43.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.08%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	100124	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	98123	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%

Target Compounds

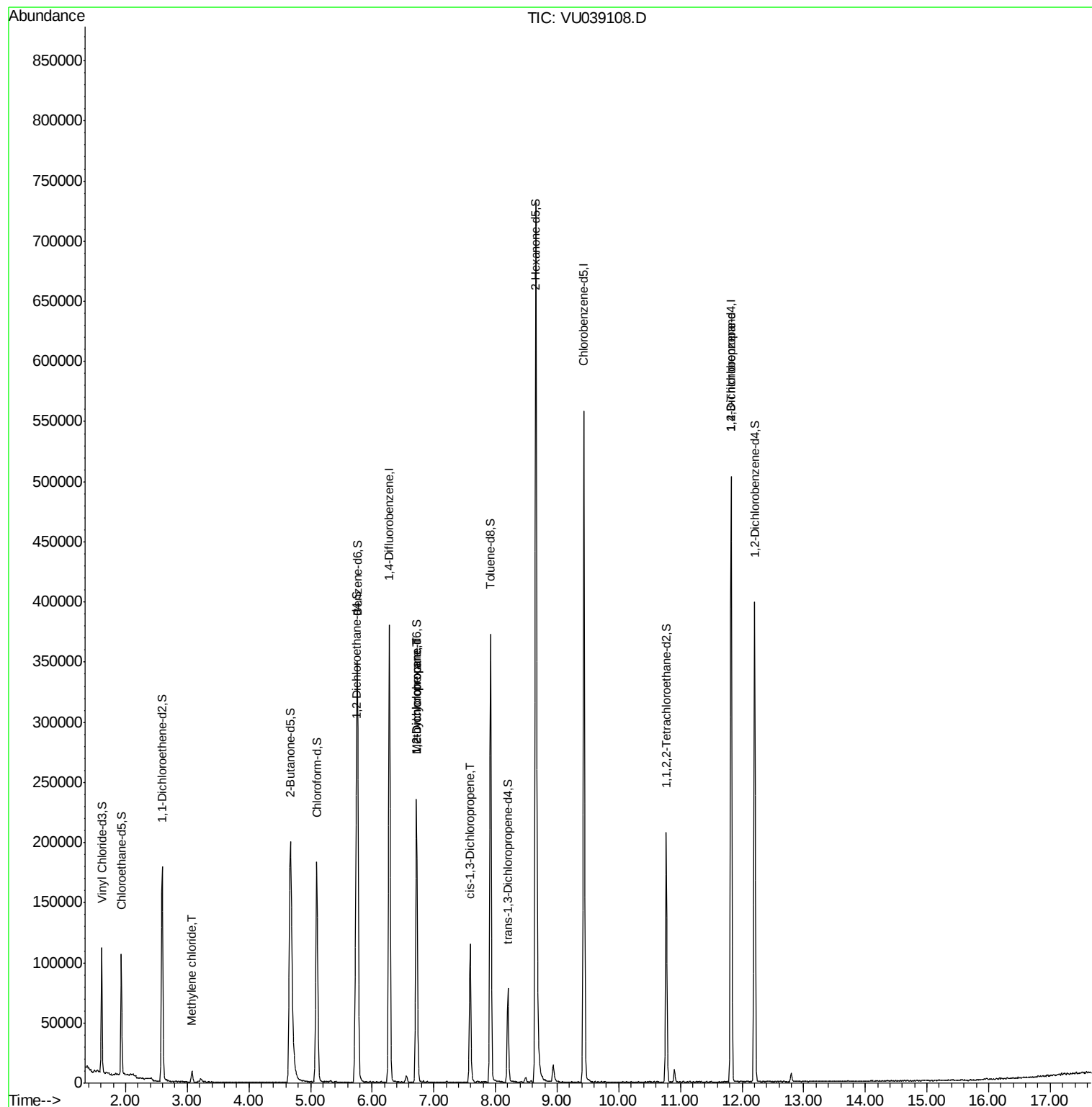
					Ovalue
16) Methylene chloride	3.08	84	3946	0.162 ug/L	94
35) Methylcyclohexane	6.72	83	25379	0.770 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12090	0.486 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2987	0.087 ug/L #	56
59) 1,2,3-Trichloropropane	11.82	75	16814	0.897 ug/L	89

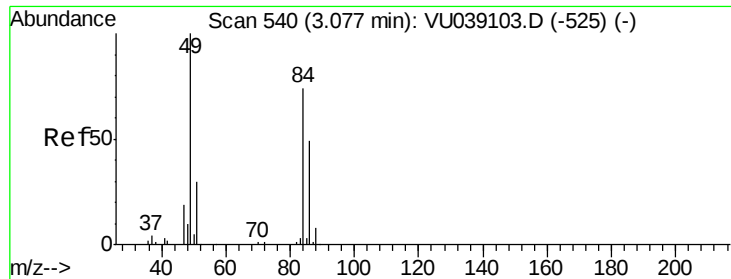
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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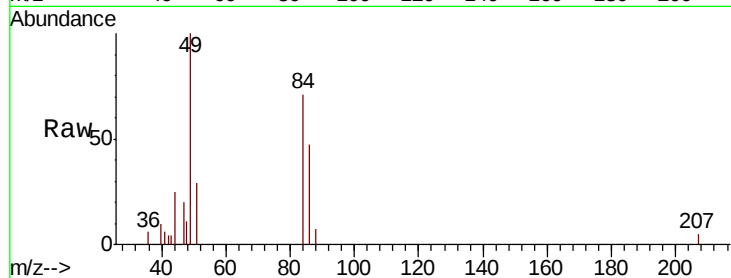




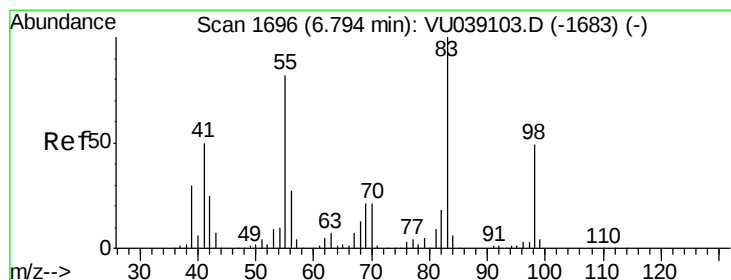
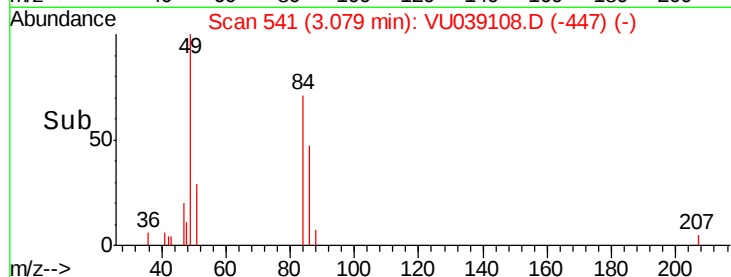
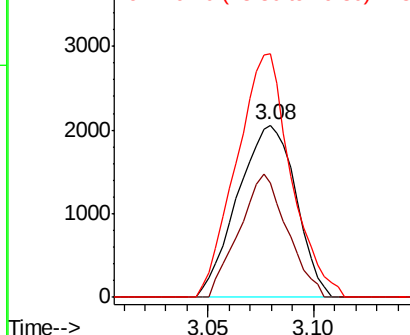
#16
Methvlene chloride
Concen: 0.162 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU039108.D
Acq: 25 Jun 2020 12:11

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MSVOA_U
ClientSampleId :
VIBLK

Tot Ion: 84 Resp: 3946
Ion Ratio Lower Upper
84 100
86 66.5 44.1 81.9
49 141.5 93.1 172.9

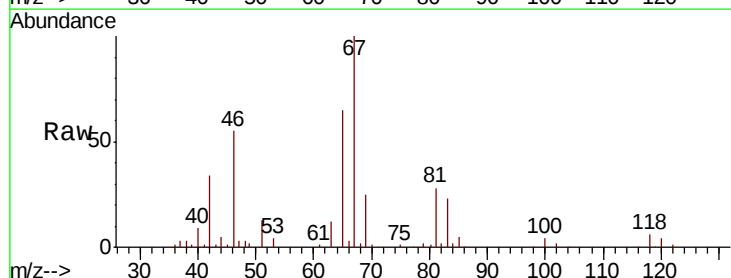


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

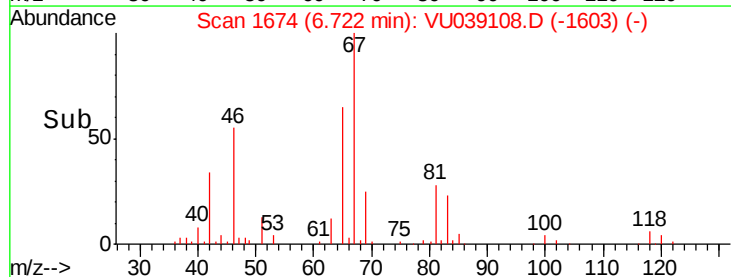
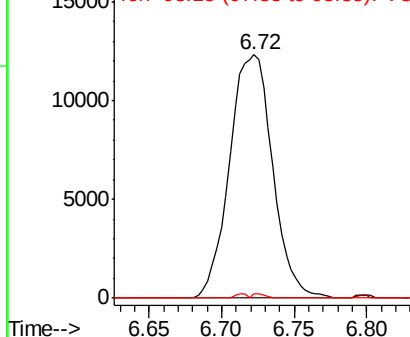


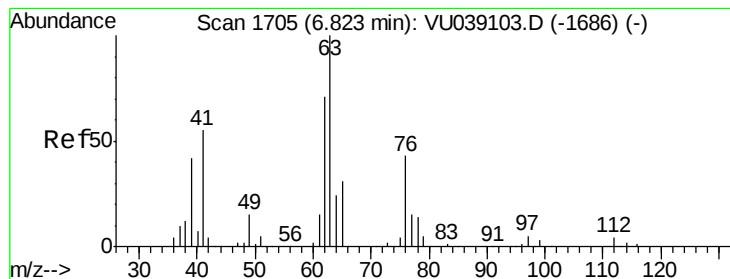
#35
Methylcyclohexane
Concen: 0.770 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU039108.D
Acq: 25 Jun 2020 12:11

Tgt Ion: 83 Resp: 25379
Ion Ratio Lower Upper
83 100
55 0.3 65.5 98.3#
98 0.5 36.5 54.7#



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: 0.486 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU039108.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_U

ClientSampleId :

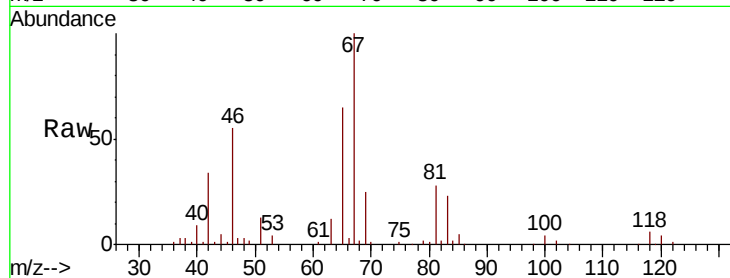
VIBLK

Tot Ion: 63 Resp: 12090

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039103.D (-1686) (-)

Ion 112.10 (111.80 to 112.80): VU039103.D (-1686) (-)

6.72

6000

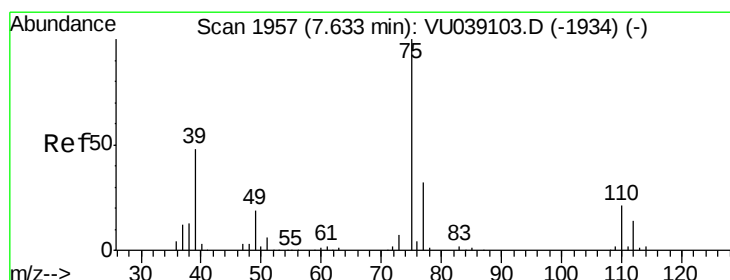
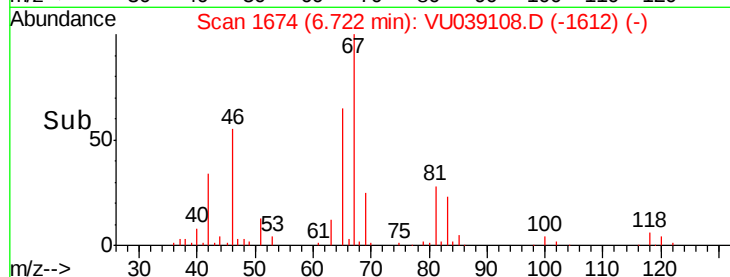
4000

2000

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU039108.D

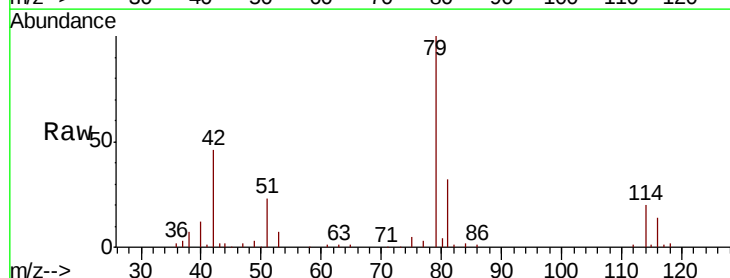
Acq: 25 Jun 2020 12:11

Tgt Ion: 75 Resp: 2987

Ion Ratio Lower Upper

75 100

77 54.8 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039108.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU039108.D (-1864) (-)

7.59

2000

1500

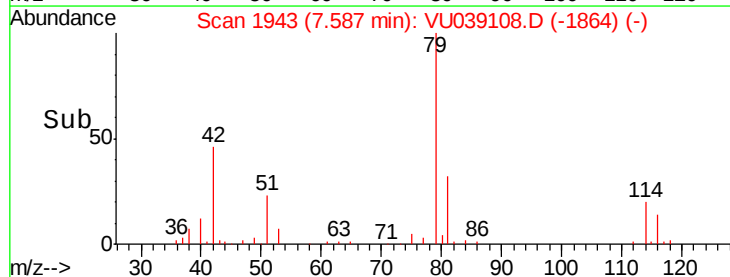
1000

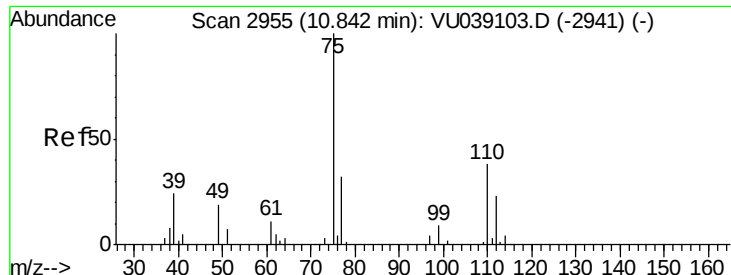
500

0

7.55 7.60 7.65

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.897 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039108.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_U

ClientSampleId :

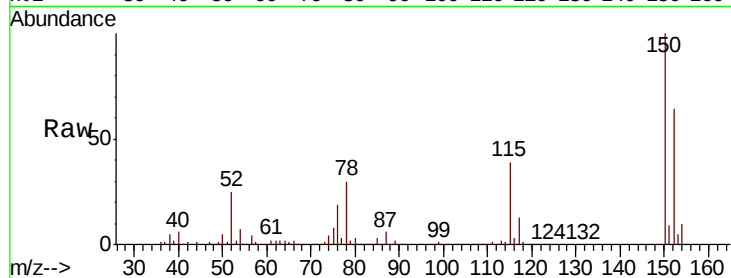
VIBLK

Tot Ion: 75 Resp: 16814

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

