

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039130.D
 Acq On : 25 Jun 2020 22:23
 Operator : SY/MD
 Sample : L3109-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jun 26 04:21:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 04:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	241510	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	241191	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	102752	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	68880	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.93	69	66989	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.59	63	104237	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.67	46	348760	54.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.28%
24) Chloroform-d	5.10	84	164778	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.74	65	101677	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.76	84	294851	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.72	67	104691	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.92	98	222491	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.20	79	41795	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.65	63	252057	50.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95357	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	94123	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

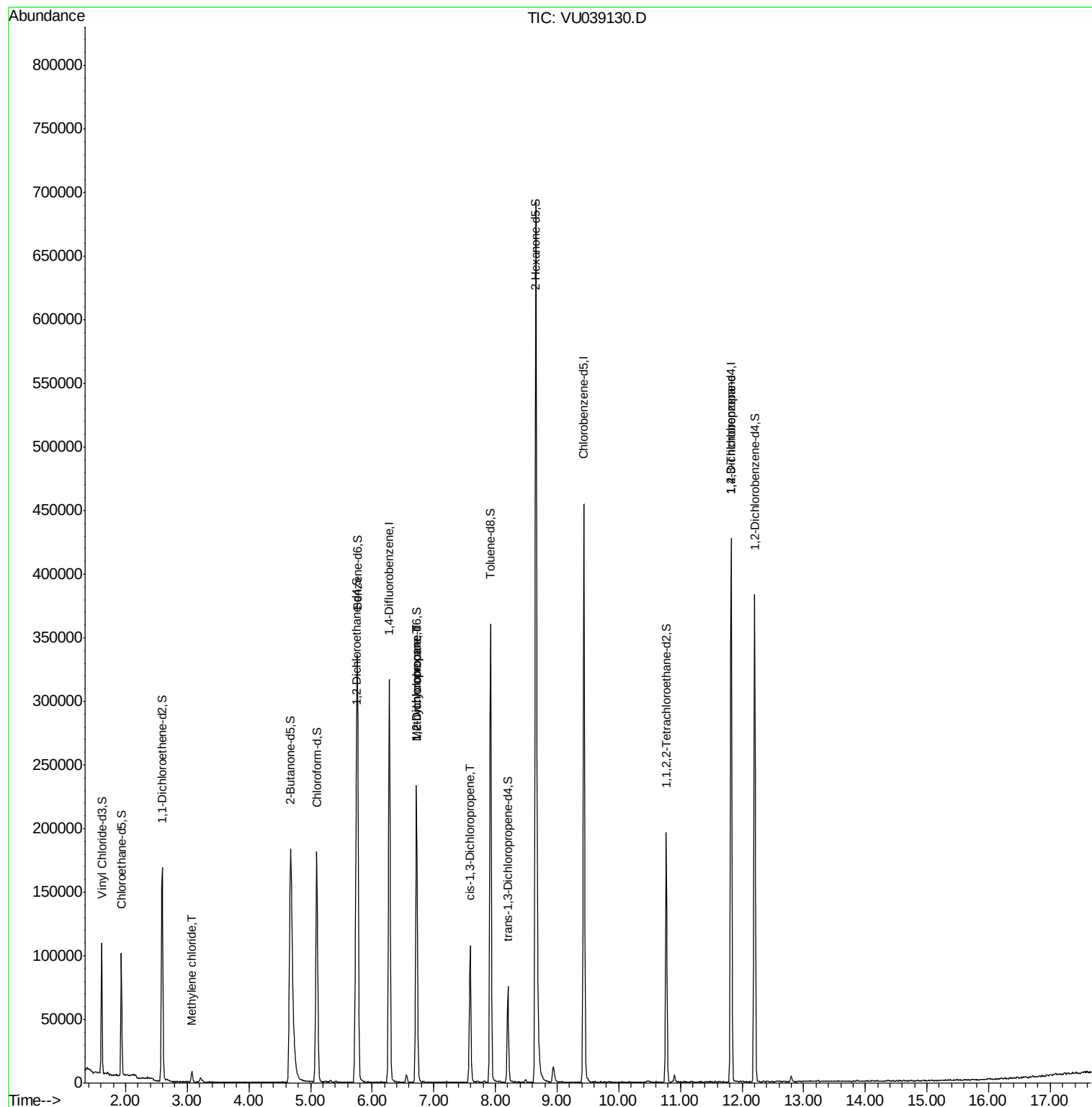
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	3862	0.187	ug/L	86
35) Methylcyclohexane	6.72	83	25115	0.923	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12607	0.614	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2935	0.103	ug/L #	46
59) 1,2,3-Trichloropropane	11.83	75	14237	0.920	ug/L #	86

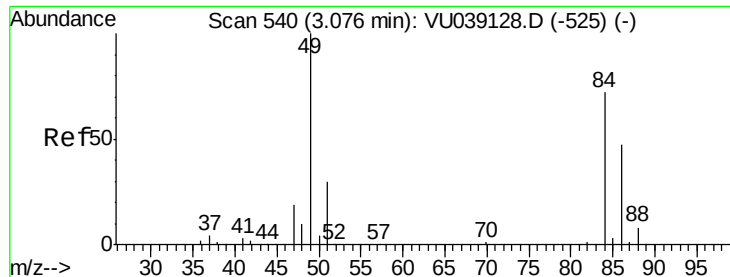
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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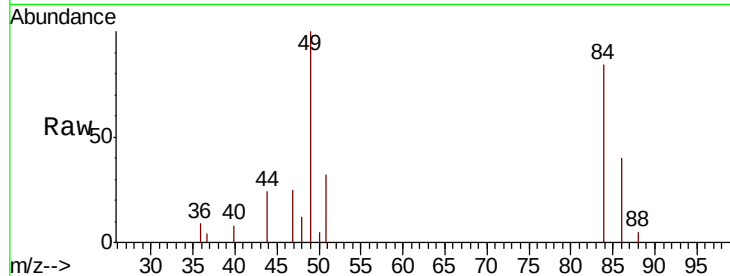




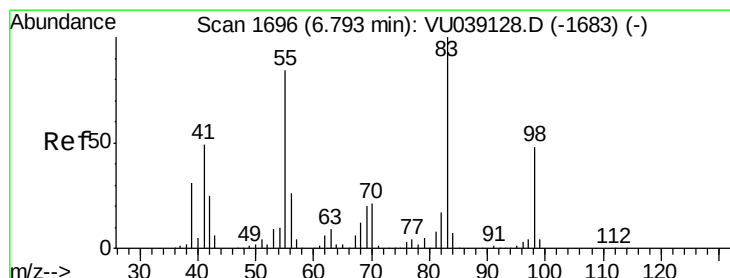
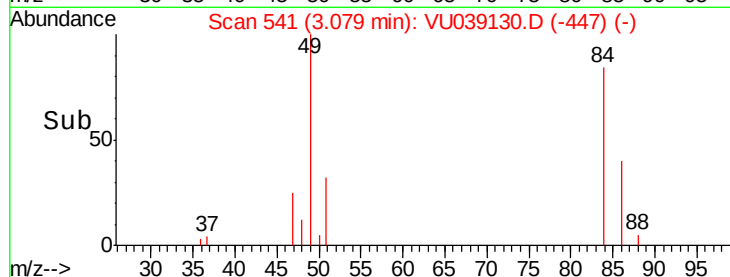
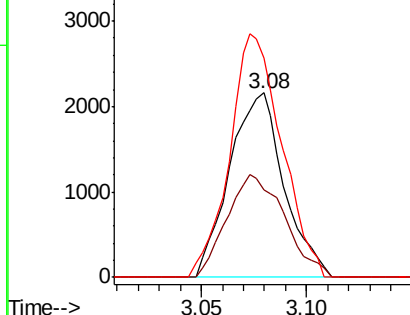
#16
Methvlene chloride
Concen: 0.187 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU039130.D
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Tot Ion: 84 Resp: 3862
Ion Ratio Lower Upper
84 100
86 47.7 44.1 81.9
49 119.1 93.1 172.9

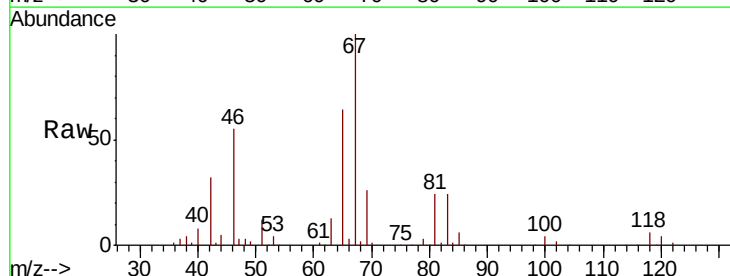


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

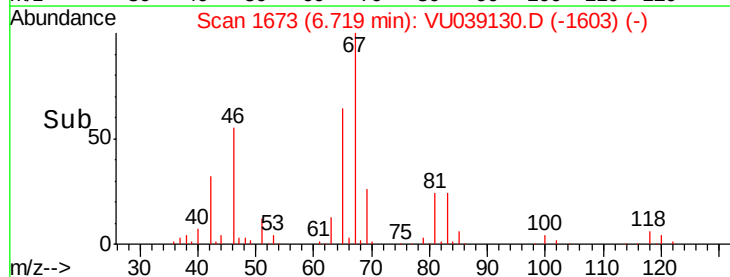
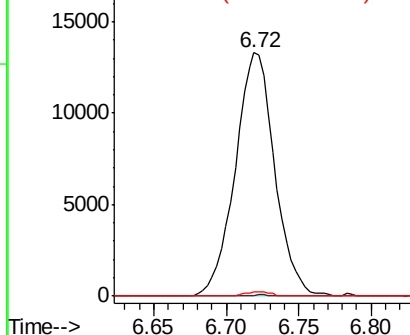


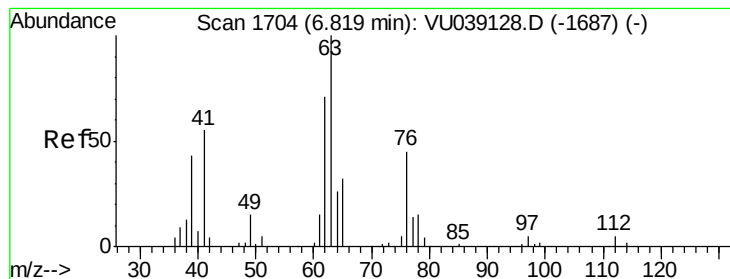
#35
Methylcyclohexane
Concen: 0.923 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039130.D
Acq: 25 Jun 2020 22:23

Tgt Ion: 83 Resp: 25115
Ion Ratio Lower Upper
83 100
55 0.2 65.5 98.3#
98 1.1 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: 0.614 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039130.D

Acq: 25 Jun 2020 22:23

Instrument :

MSVOA_U

ClientSampleId :

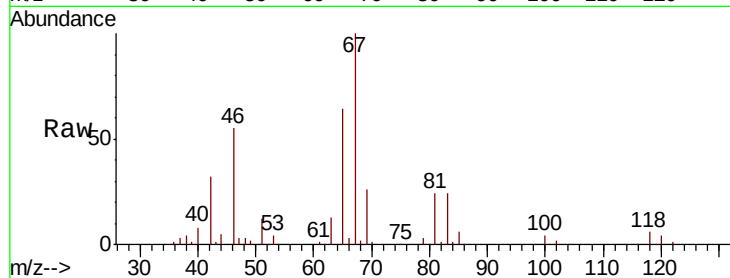
VHBLK01

Tot Ion: 63 Resp: 12607

Ion Ratio Lower Upper

63 100

112 0.4 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039128.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU039128.D (-1687) (-)

6.72

8000

6000

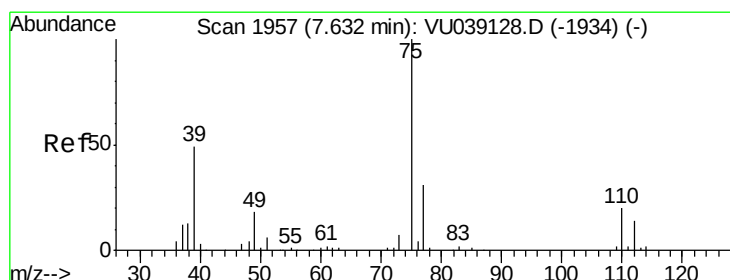
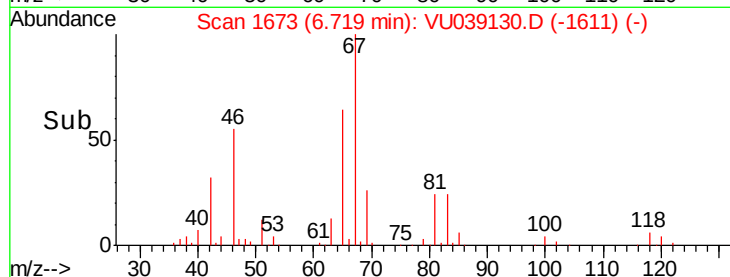
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU039130.D

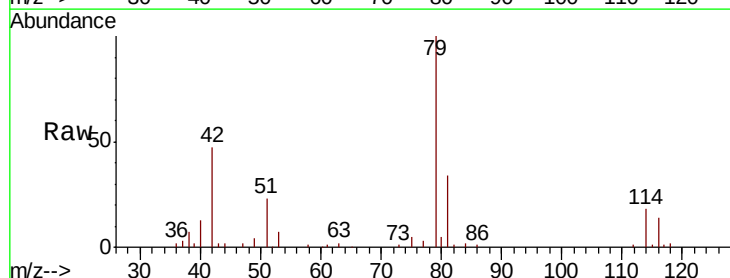
Acq: 25 Jun 2020 22:23

Tgt Ion: 75 Resp: 2935

Ion Ratio Lower Upper

75 100

77 60.3 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039128.D (-1934) (-)

Ion 77.05 (76.75 to 77.75): VU039128.D (-1934) (-)

7.59

1500

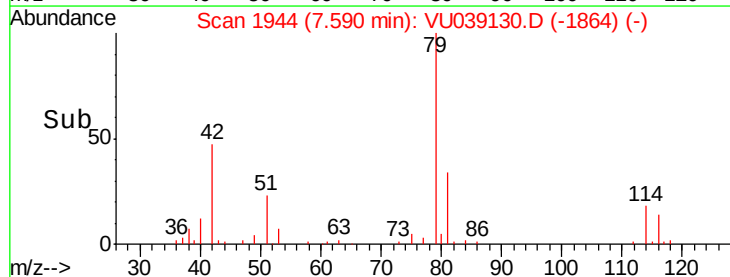
1000

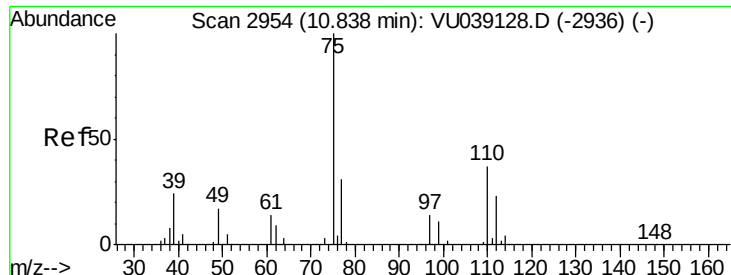
500

0

7.55 7.60

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.920 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU039130.D

Acq: 25 Jun 2020 22:23

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 14237

Ion Ratio Lower Upper

75 100

77 40.6 26.2 39.2#

