

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090820\
 Data File : VU040053.D
 Acq On : 08 Sep 2020 15:18
 Operator : SY/MD
 Sample : L3933-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Sep 09 01:38:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 09 01:36:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119023	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119638	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54713	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26726	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.92	69	24516	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.58	63	48447	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.64	46	135781	52.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.48%
24) Chloroform-d	5.08	84	70942	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.71	65	44568	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.74	84	127669	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.70	67	43728	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.90	98	107093	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.19	79	18250	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.64	63	97849	48.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39372	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	45175	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

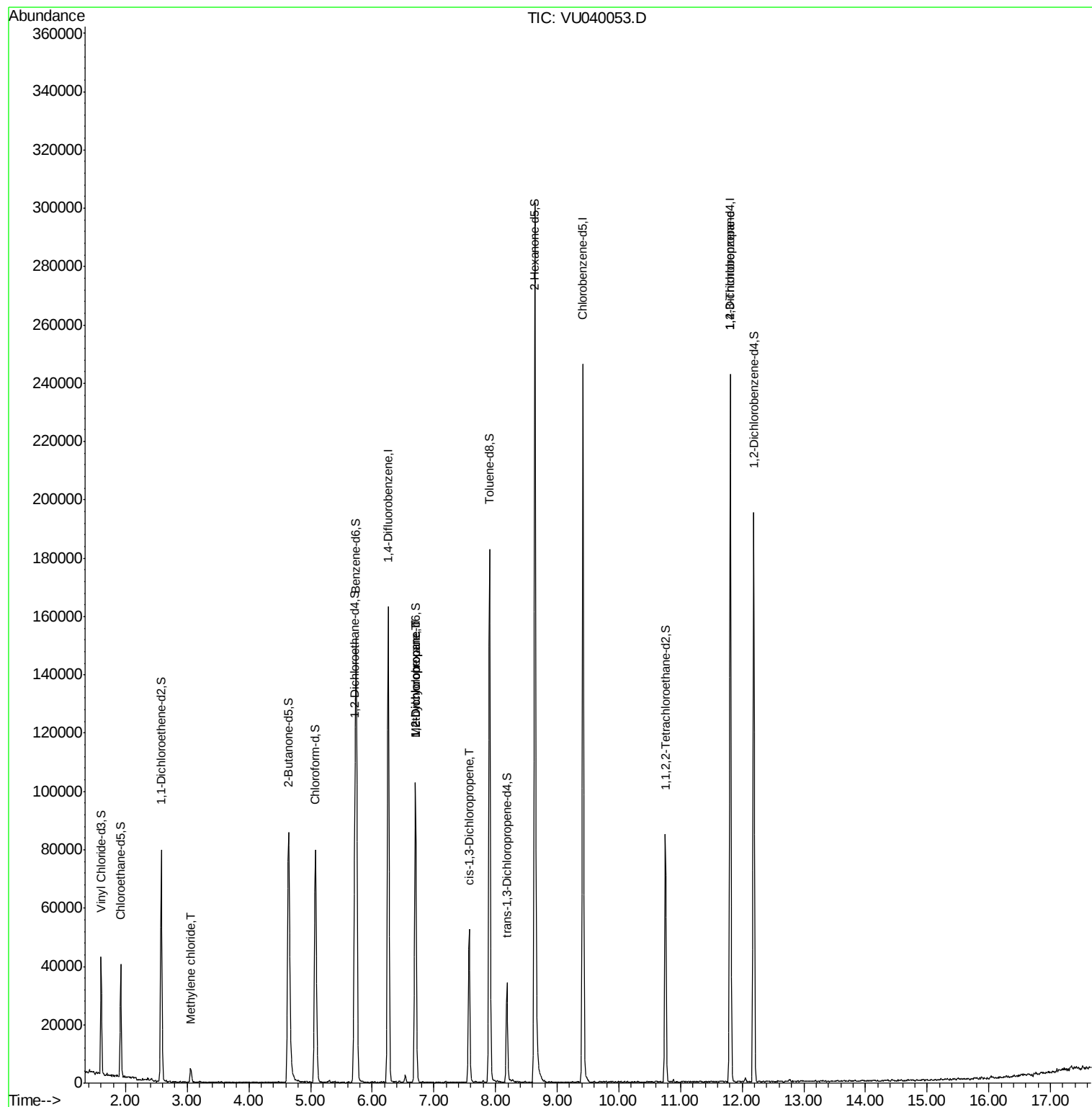
					Ovalue
16) Methylene chloride	3.06	84	2355	0.195 ug/L	82
35) Methylcyclohexane	6.70	83	10666	0.607 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5102	0.440 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1609	0.094 ug/L	89
59) 1,2,3-Trichloropropane	11.81	75	8269	0.963 ug/L #	83

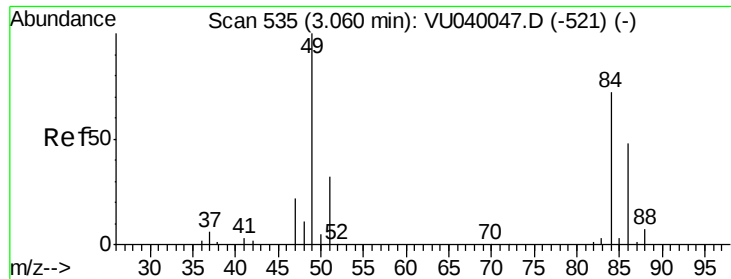
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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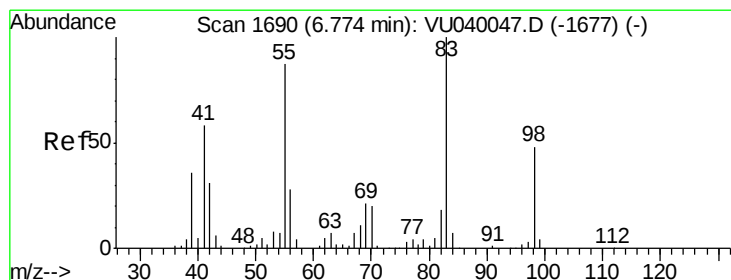
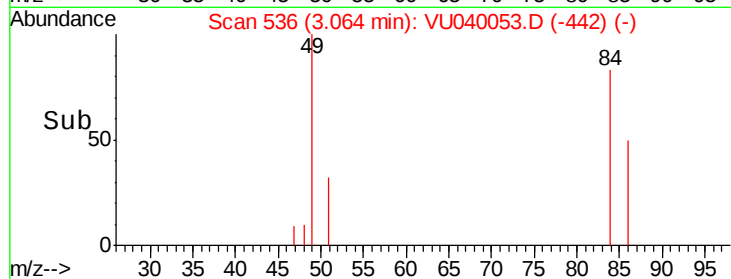
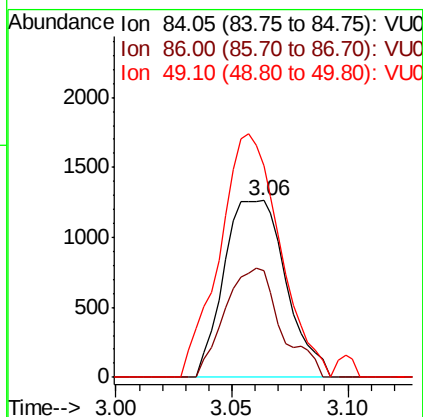
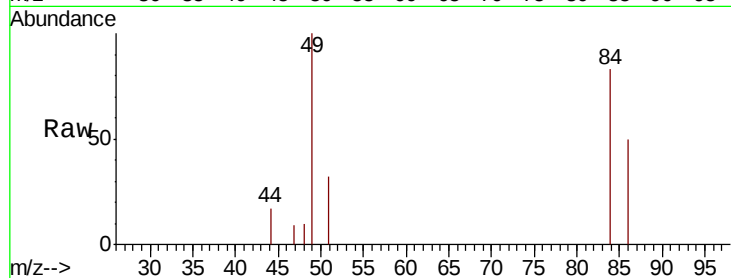




#16
Methylene chloride
Concen: 0.195 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040053.D
Acq: 08 Sep 2020 15:18

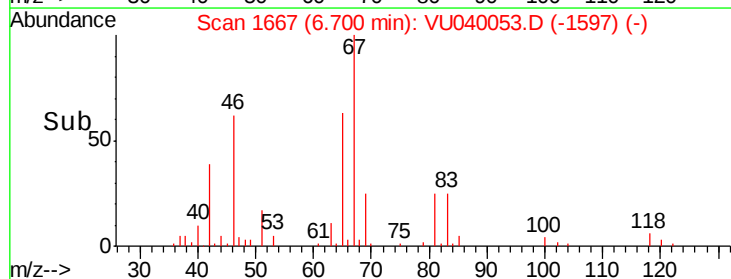
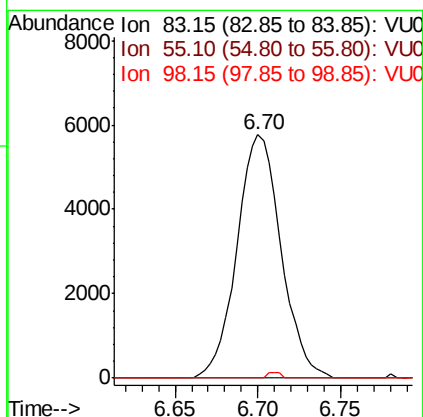
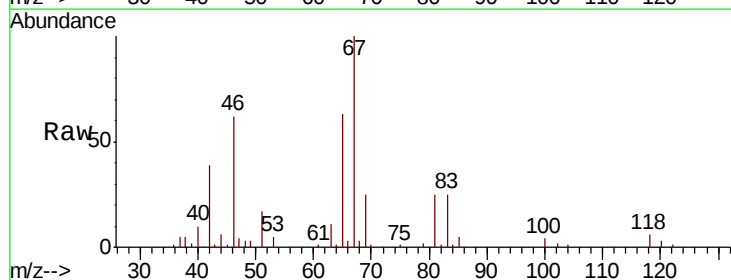
Instrument :
MSVOA_U
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VHBLK01

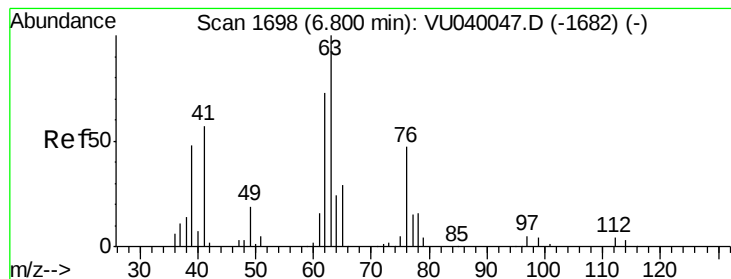
Tot Ion: 84 Resp: 2355
Ion Ratio Lower Upper
84 100
86 60.4 45.2 84.0
49 119.8 104.0 193.2



#35
Methylcyclohexane
Concen: 0.607 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040053.D
Acq: 08 Sep 2020 15:18

Tgt Ion: 83 Resp: 10666
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.7 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.440 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040053.D

Acq: 08 Sep 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

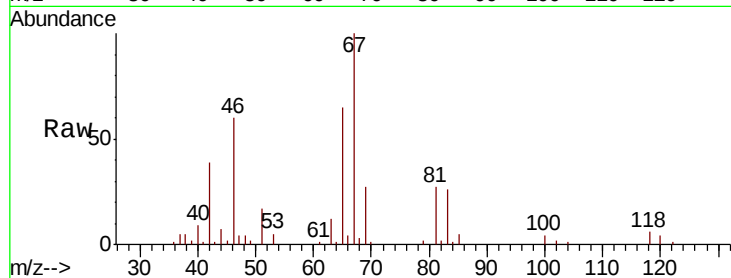
VHBLK01

Tot Ion: 63 Resp: 5102

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU040047.D (-1682) (-)

Ion 112.10 (111.80 to 112.80): VU040047.D (-1682) (-)

3000

2500

2000

1500

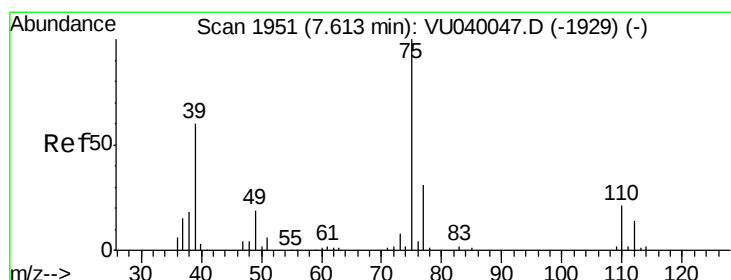
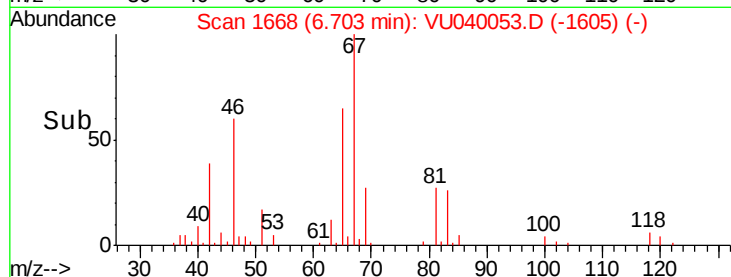
1000

500

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU040053.D

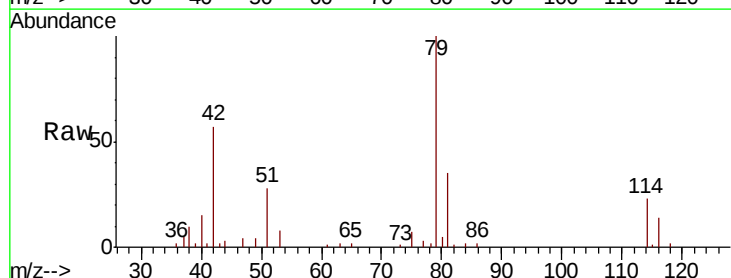
Acq: 08 Sep 2020 15:18

Tgt Ion: 75 Resp: 1609

Ion Ratio Lower Upper

75 100

77 36.0 21.1 39.3



Abundance Ion 75.05 (74.75 to 75.75): VU040047.D (-1929) (-)

Ion 77.05 (76.75 to 77.75): VU040047.D (-1929) (-)

1200

1000

800

600

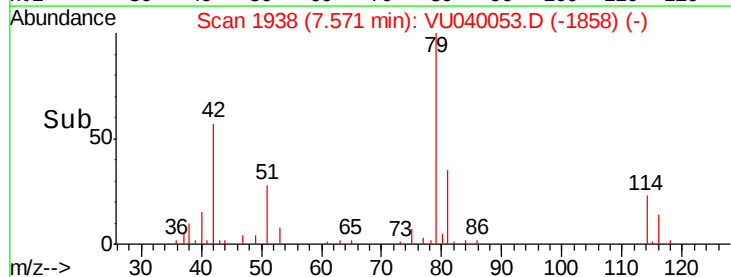
400

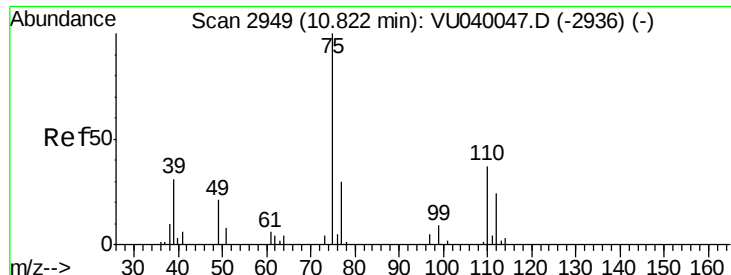
200

0

7.52 7.54 7.56 7.58 7.60

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.963 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040053.D

Acq: 08 Sep 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 8269

Ion Ratio Lower Upper

75 100

77 40.6 24.9 37.3#

