

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072020\
 Data File : VU039582.D
 Acq On : 20 Jul 2020 19:52
 Operator : SY/MD
 Sample : L3346-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C47

Quant Time: Jul 21 06:07:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 21 06:02:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	92438	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	90357	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42621	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20107	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.93	69	26289	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.58	63	32900	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.65	46	121583	49.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.20%
24) Chloroform-d	5.09	84	59608	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.72	65	38584	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.75	84	111220	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.71	67	37935	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.91	98	94869	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	8.19	79	15124	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.64	63	87400	43.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.32%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34875	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	39437	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

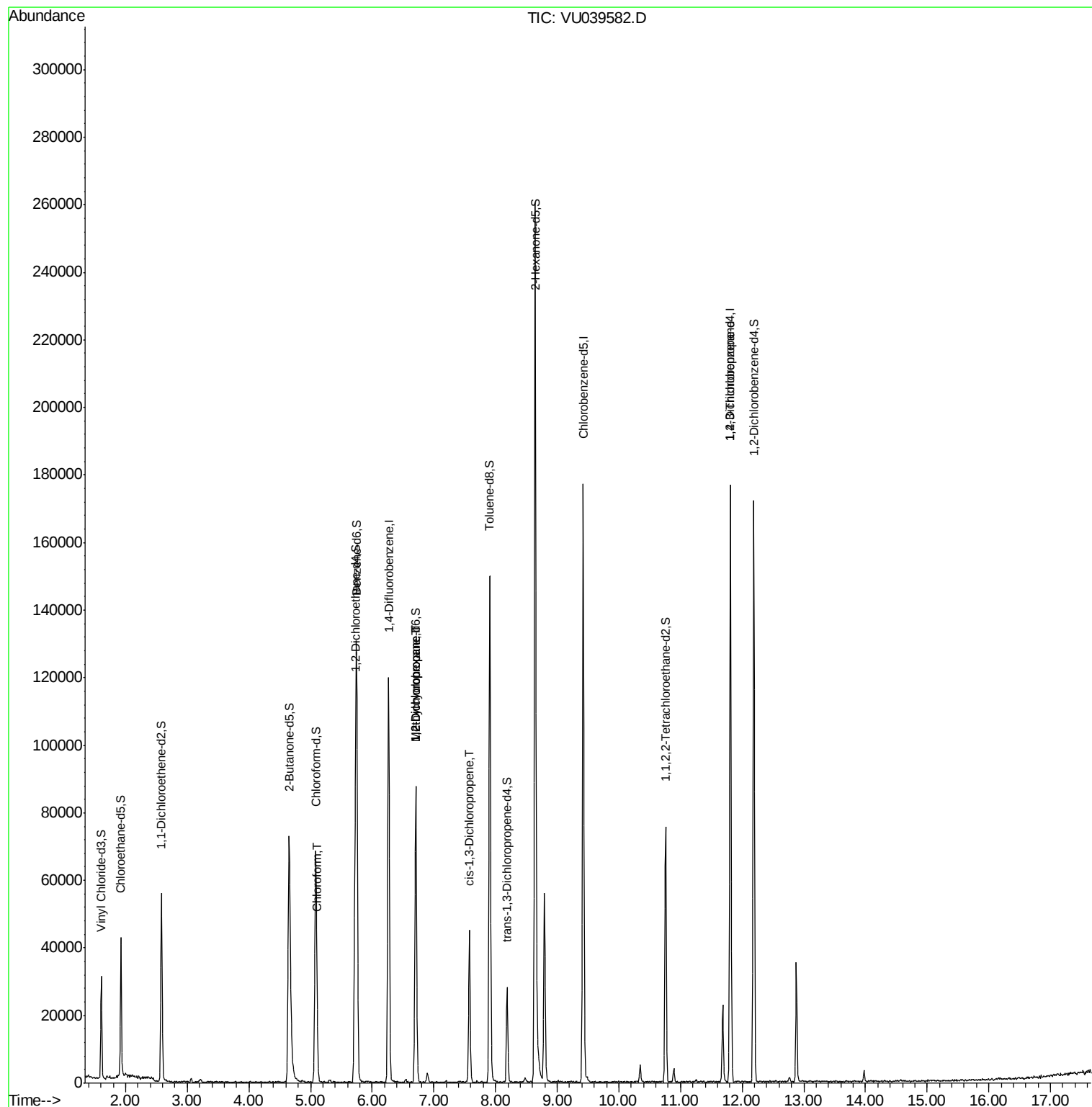
					Ovalue
25) Chloroform	5.11	83	2640	0.220 ug/L	94
35) Methylcyclohexane	6.71	83	8822	0.788 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4911	0.667 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1312	0.118 ug/L #	63
59) 1,2,3-Trichloropropane	11.81	75	6642	1.224 ug/L	91

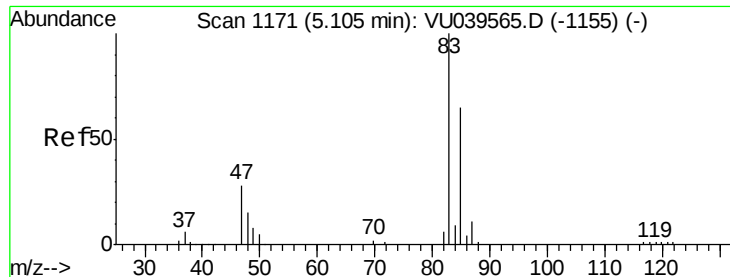
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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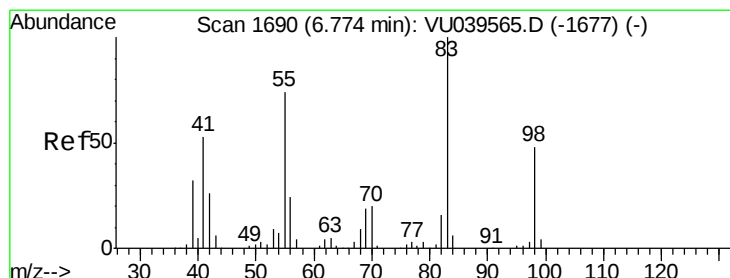
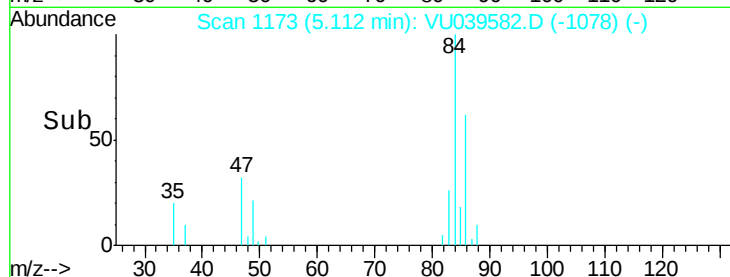
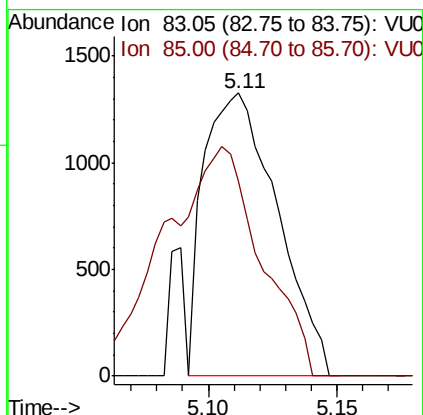
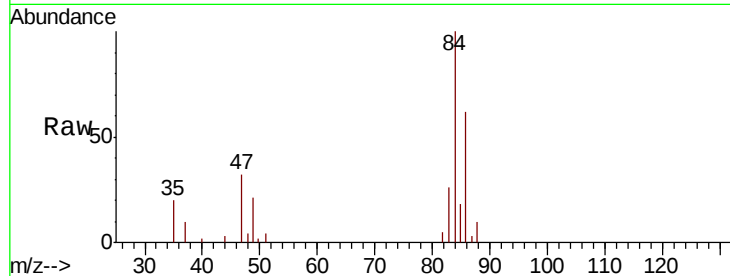




#25
Chloroform
Concen: 0.220 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039582.D
Acq: 20 Jul 2020 19:52

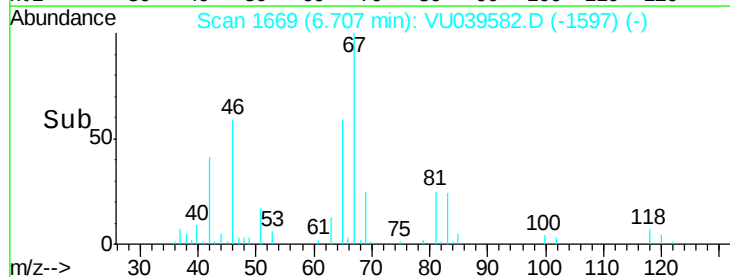
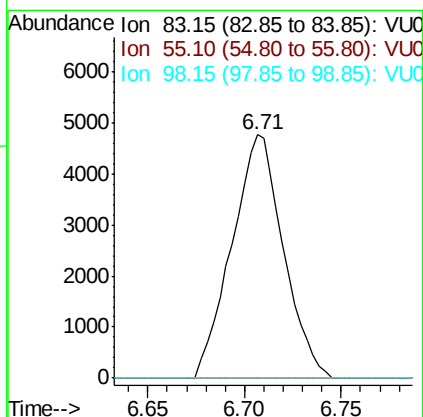
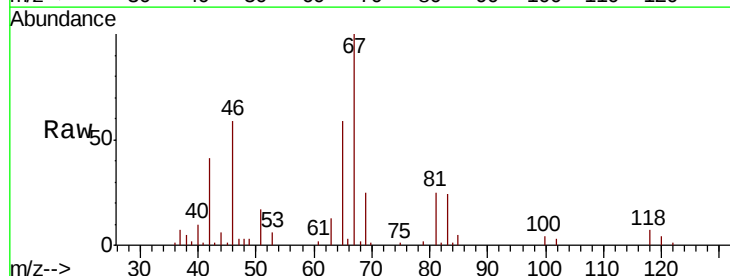
Instrument :
MSVOA_U
ClientSampled :
F4C47

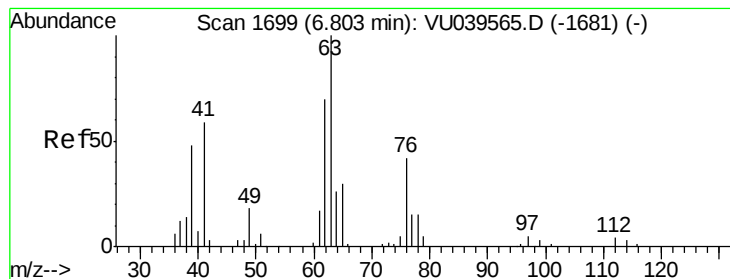
Tot Ion: 83 Resp: 2640
Ion Ratio Lower Upper
83 100
85 68.7 44.9 83.5



#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039582.D
Acq: 20 Jul 2020 19:52

Tgt Ion: 83 Resp: 8822
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.667 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.10 min

Lab File: VU039582.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_U

ClientSampleId :

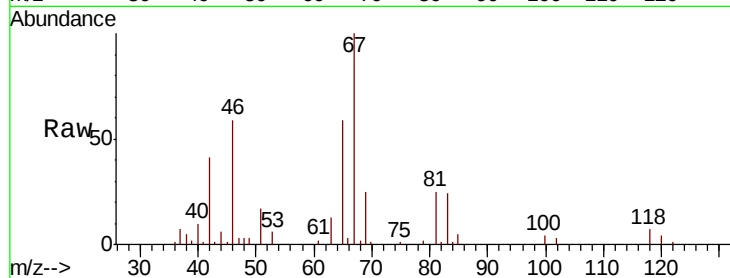
F4C47

Tot Ion: 63 Resp: 4911

Ion Ratio Lower Upper

63 100

112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU039565.D (-1681) (-)

Ion 112.10 (111.80 to 112.80): VU039565.D (-1681) (-)

6.71

3000

2500

2000

1500

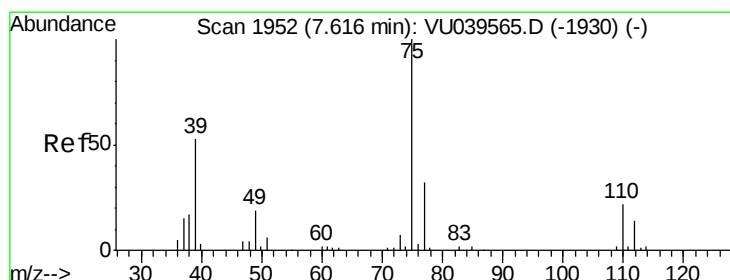
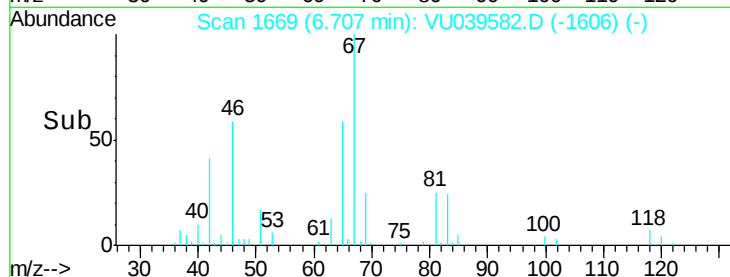
1000

500

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 7.58 min Scan# 1941

Delta R.T. -0.04 min

Lab File: VU039582.D

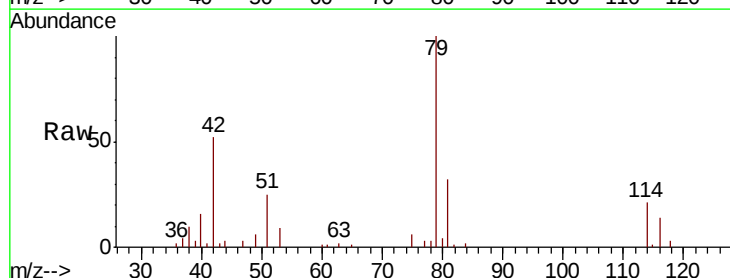
Acq: 20 Jul 2020 19:52

Tgt Ion: 75 Resp: 1312

Ion Ratio Lower Upper

75 100

77 52.3 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU039565.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU039565.D (-1930) (-)

7.58

800

600

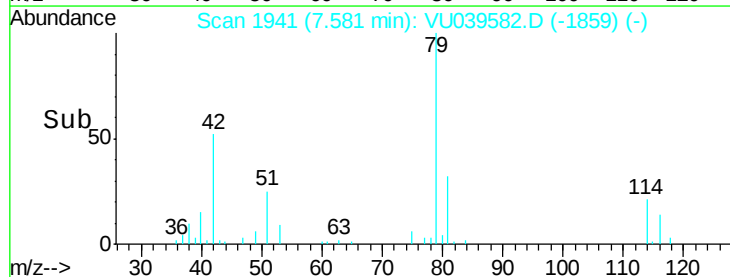
400

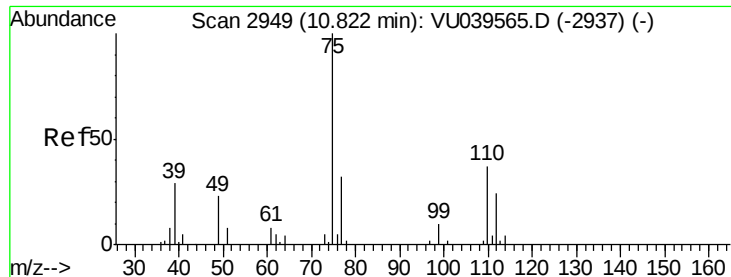
200

0

7.55 7.60

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.224 ug/L

RT: 11.81 min Scan# 3257

Delta R.T. 0.99 min

Lab File: VU039582.D

Acq: 20 Jul 2020 19:52

Instrument :

MSVOA_U

ClientSampleId :

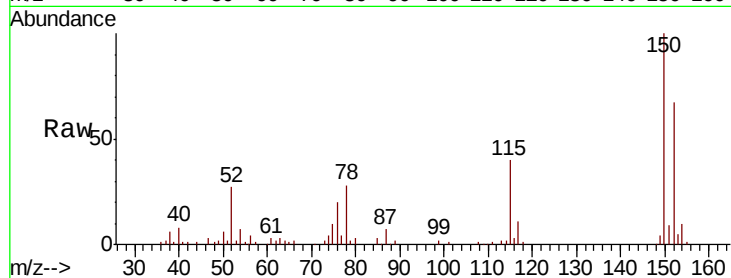
F4C47

Tot Ion: 75 Resp: 6642

Ion Ratio Lower Upper

75 100

77 38.7 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

