

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U030220\
 Data File : VU036993.D
 Acq On : 02 Mar 2020 13:01
 Operator : JC/MD
 Sample : L1708-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 03 03:24:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 03 03:21:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	258510	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248003	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	93460	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88143	40.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.20%
7) Chloroethane-d5	1.93	69	84051	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.58%
11) 1,1-Dichloroethene-d2	2.59	63	119413	32.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.70%
21) 2-Butanone-d5	4.67	46	173217	118.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.95%
24) Chloroform-d	5.11	84	167070	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.74	65	119347	53.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.40%
32) Benzene-d6	5.76	84	363597	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.72	67	122352	52.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.32%
41) Toluene-d8	7.93	98	326915	49.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.26%
43) trans-1,3-Dichloropropene-	8.20	79	53647	49.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.36%
47) 2-Hexanone-d5	8.66	63	127525	112.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.25%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	176609	53.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.82%
64) 1,2-Dichlorobenzene-d4	12.21	152	101303	55.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.90%

Target Compounds

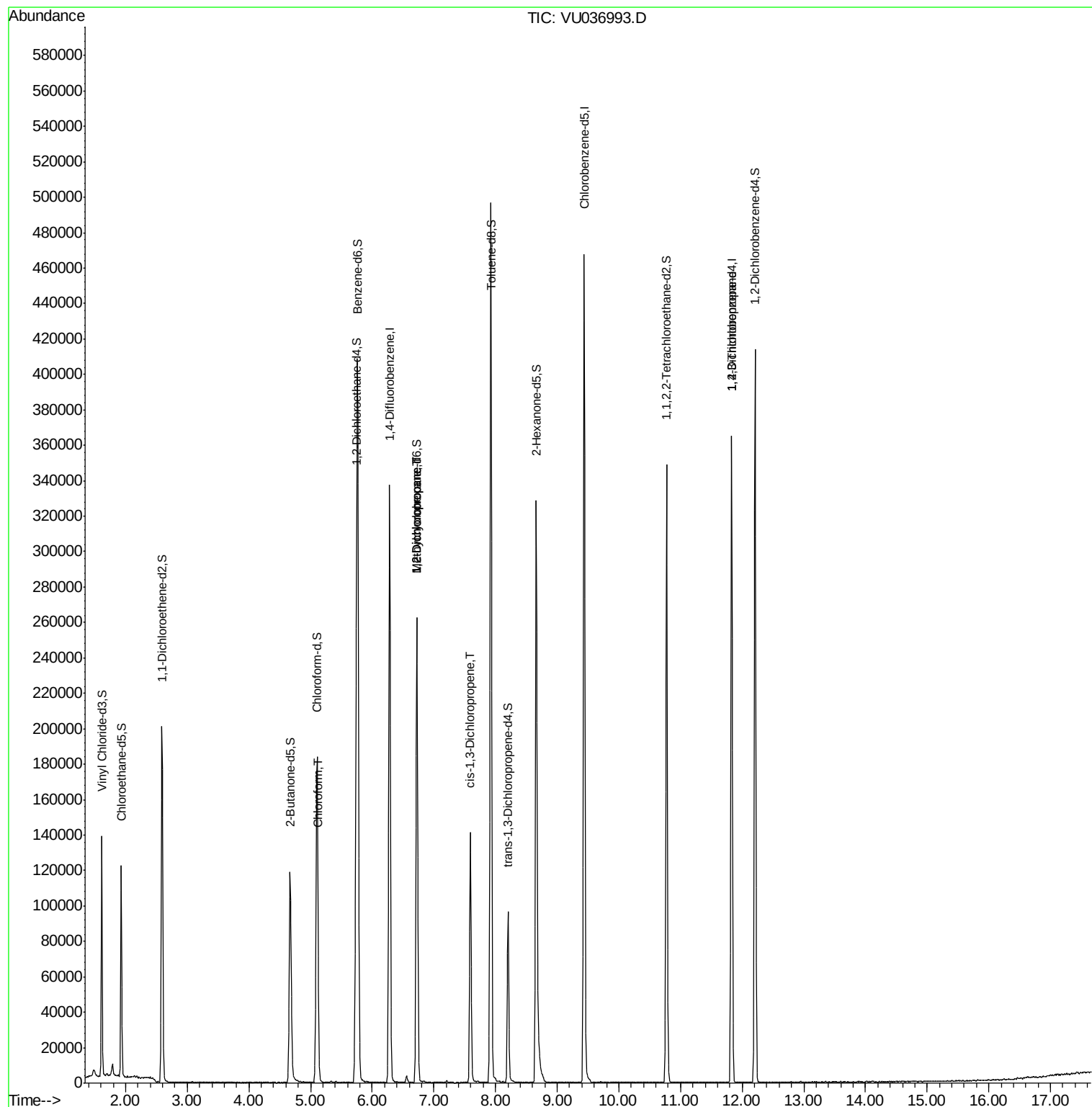
					Ovalue
25) Chloroform	5.13	83	4258	1.266 ug/L	99
35) Methylcyclohexane	6.72	83	26959	8.075 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	13356	6.331 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3411	1.050 ug/L #	74
59) 1,2,3-Trichloropropane	11.83	75	13420	4.945 ug/L	91

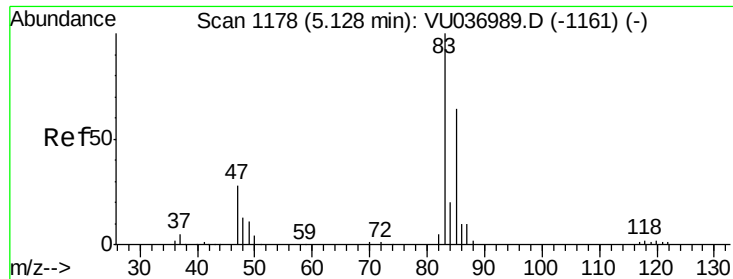
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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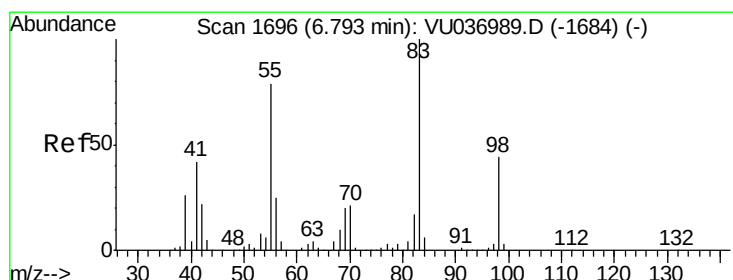
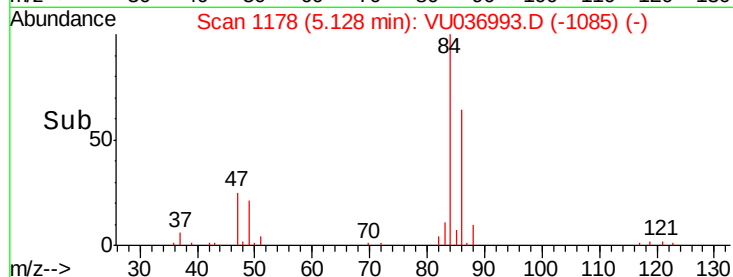
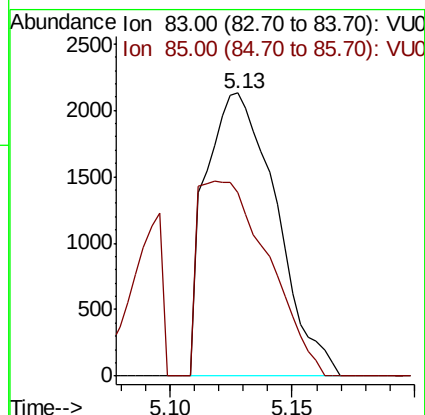
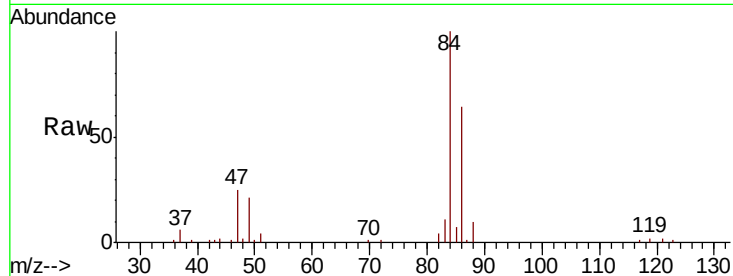




#25
Chloroform
Concen: 1.266 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU036993.D
Acq: 02 Mar 2020 13:01

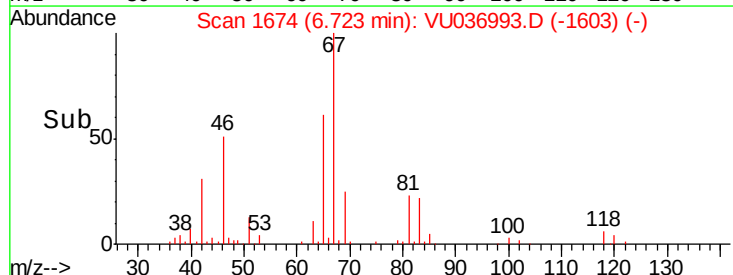
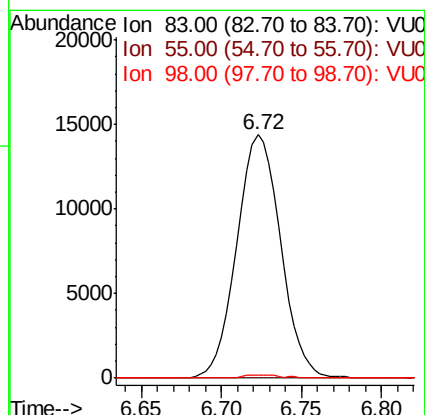
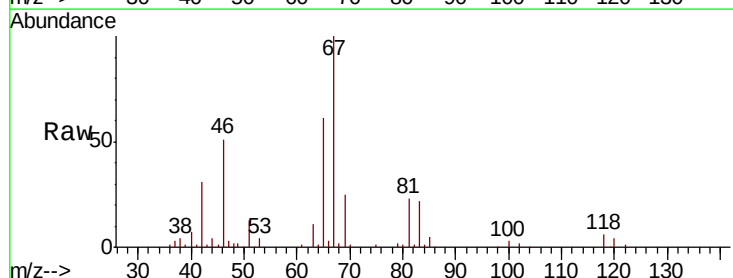
Instrument :
MSVOA_U
ClientSampled :

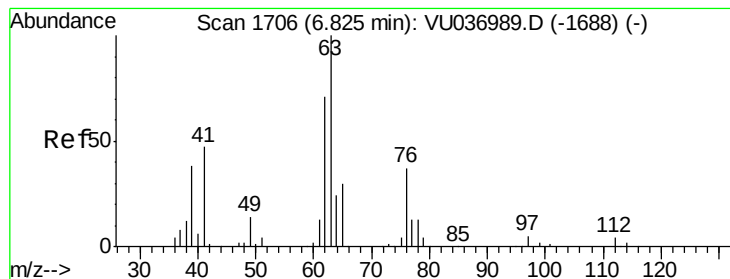
Tot Ion: 83 Resp: 4258
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.9



#35
Methylcyclohexane
Concen: 8.075 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036993.D
Acq: 02 Mar 2020 13:01

Tgt Ion: 83 Resp: 26959
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 1.0 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 6.331 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU036993.D

Acq: 02 Mar 2020 13:01

Instrument :

MSVOA_U

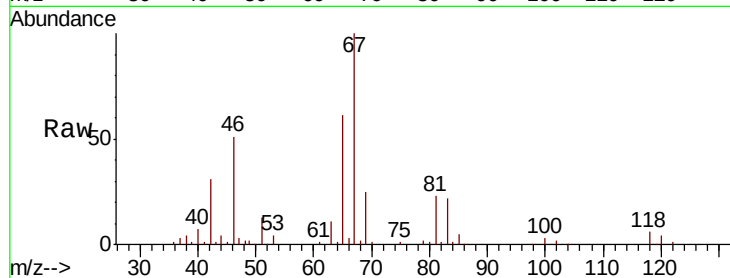
ClientSampleId :

Tot Ion: 63 Resp: 13356

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU036993.D (-1674) (-)

Ion 112.00 (111.70 to 112.70): VU036993.D (-1674) (-)

6.72

8000

6000

4000

2000

0

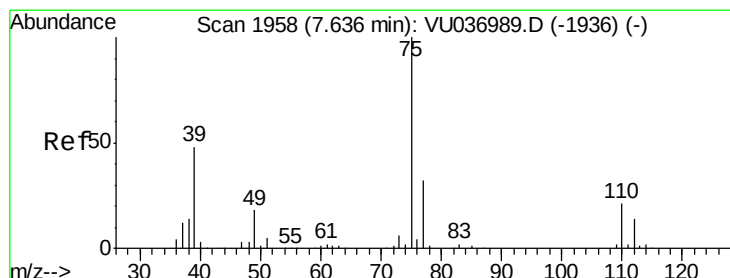
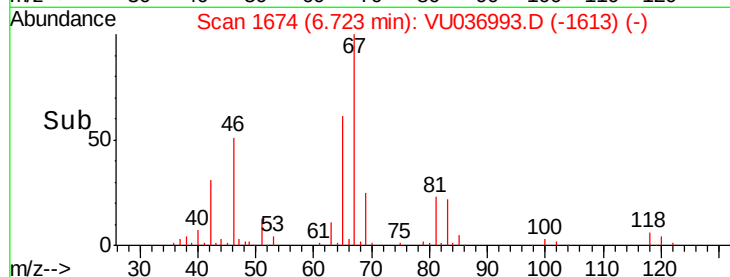
Time-->

6.65

6.70

6.75

6.80



#39

cis-1,3-Dichloropropene

Concen: 1.050 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU036993.D

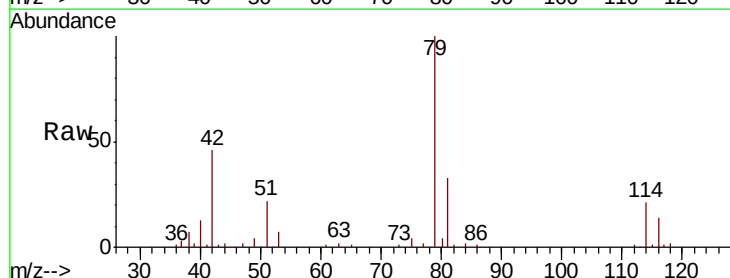
Acq: 02 Mar 2020 13:01

Tgt Ion: 75 Resp: 3411

Ion Ratio Lower Upper

75 100

77 46.1 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU036993.D (-1865) (-)

Ion 77.00 (76.70 to 77.70): VU036993.D (-1865) (-)

7.59

2000

1500

1000

500

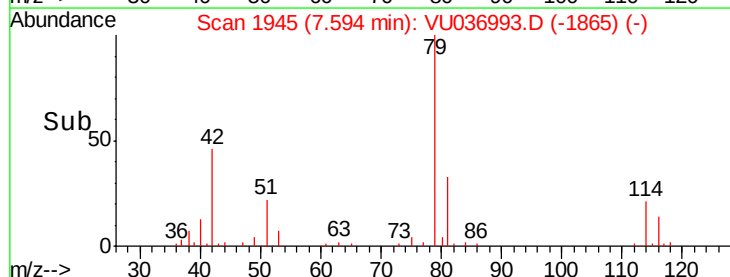
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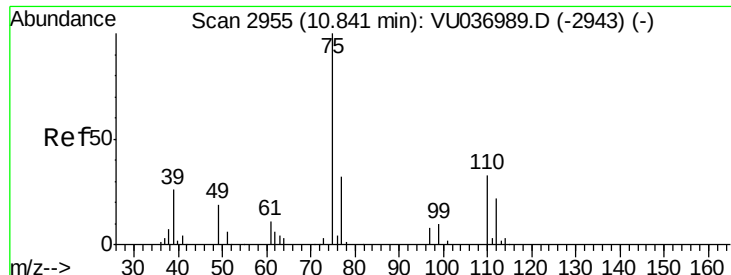
Time-->

7.55

7.60

7.65





#59

1,2,3-Trichloropropane

Concen: 4.945 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU036993.D

Acq: 02 Mar 2020 13:01

Instrument :

MSVOA_U

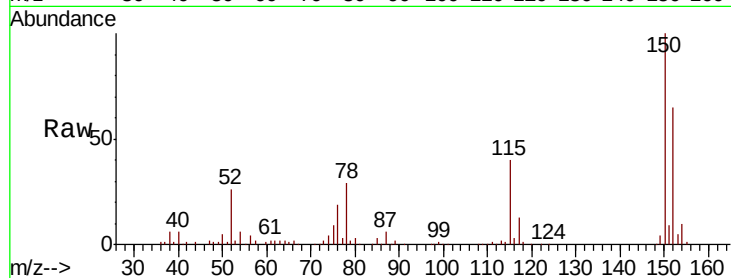
ClientSampleId :

Tot Ion: 75 Resp: 13420

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

