

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U030220\
 Data File : VU036991.D
 Acq On : 02 Mar 2020 12:16
 Operator : JC/MD
 Sample : VU0302MBL01
 Misc : 5.0µl/5.0ml/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 03 03:23:53 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	255202	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	243068	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	88443	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87497	40.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.66%
7) Chloroethane-d5	1.93	69	82967	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.58%
11) 1,1-Dichloroethene-d2	2.59	63	118235	32.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.88%
21) 2-Butanone-d5	4.67	46	167930	116.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.82%
24) Chloroform-d	5.10	84	166328	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
26) 1,2-Dichloroethane-d4	5.74	65	117644	53.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.24%
32) Benzene-d6	5.76	84	356365	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.72	67	121424	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.64%
41) Toluene-d8	7.92	98	322488	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%
43) trans-1,3-Dichloropropene-	8.20	79	51458	48.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.24%
47) 2-Hexanone-d5	8.66	63	116919	105.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	174568	54.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.74%
64) 1,2-Dichlorobenzene-d4	12.21	152	99351	57.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.92%

Target Compounds

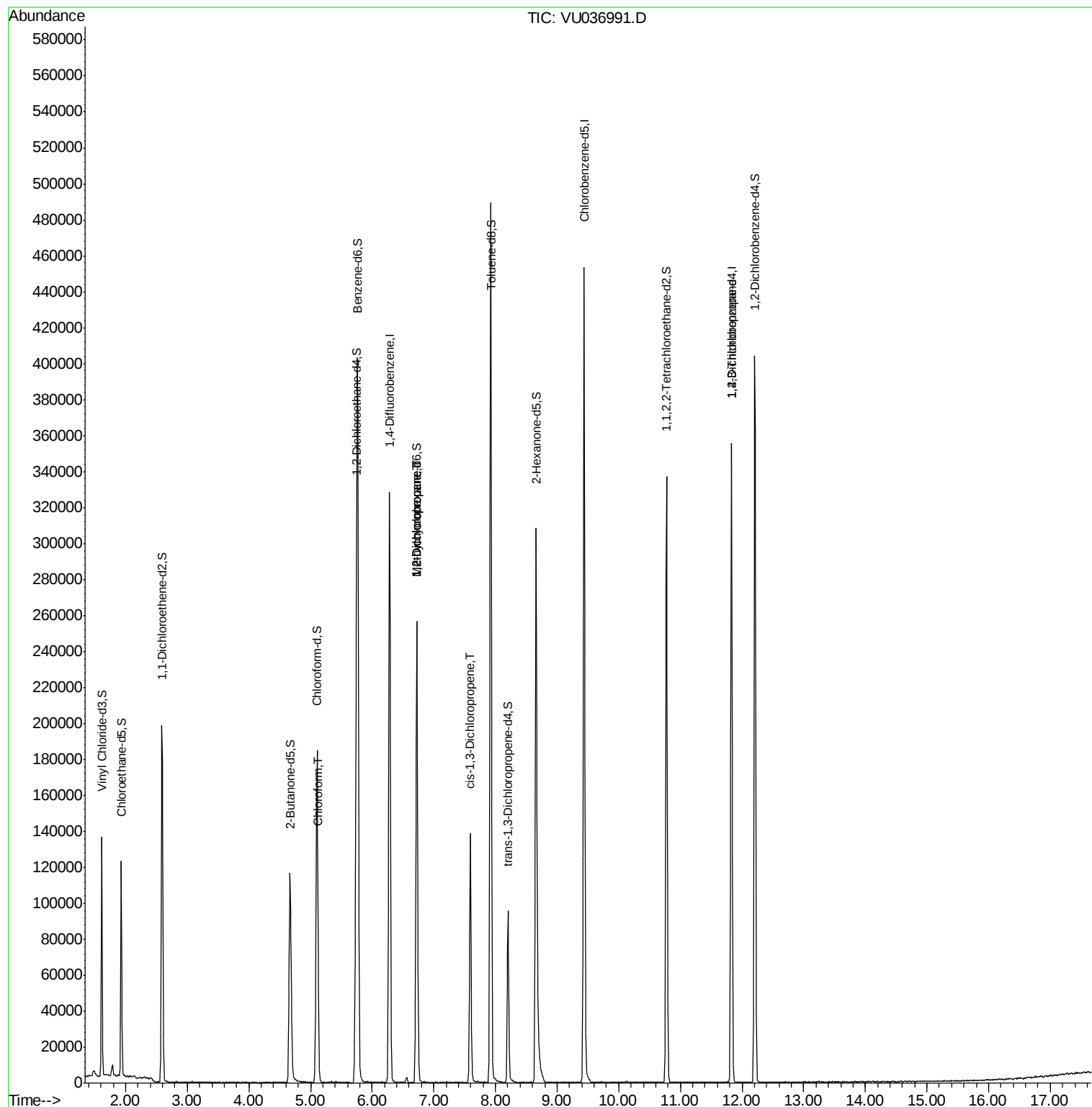
					Ovalue
25) Chloroform	5.13	83	3778	1.138 ug/L	99
35) Methylcyclohexane	6.72	83	26559	8.116 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	13093	6.333 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3411	1.071 ug/L #	66
59) 1,2,3-Trichloropropane	11.83	75	12846	4.830 ug/L	90

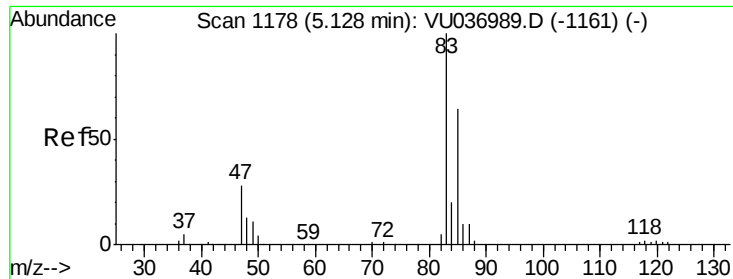
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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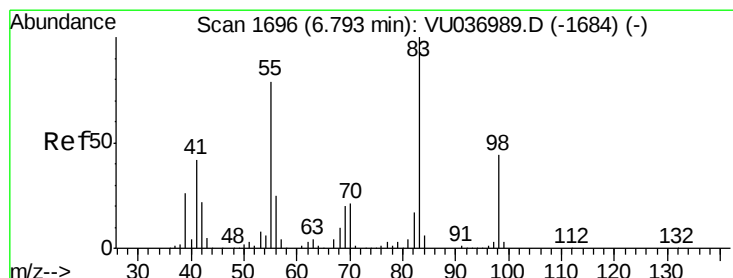
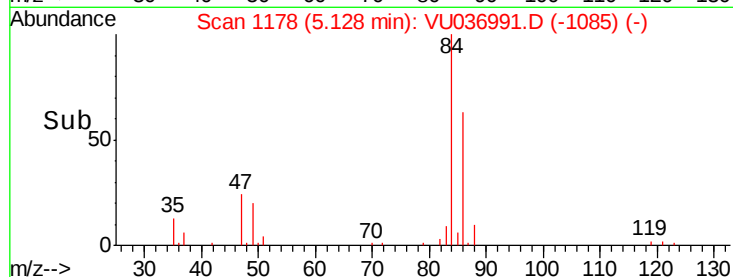
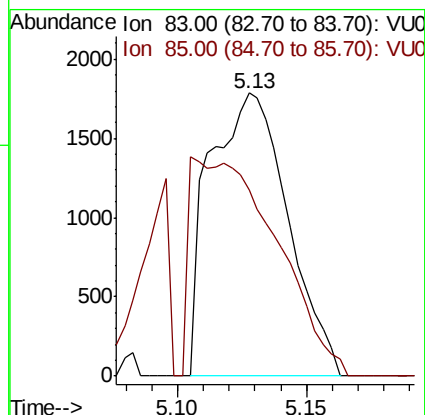
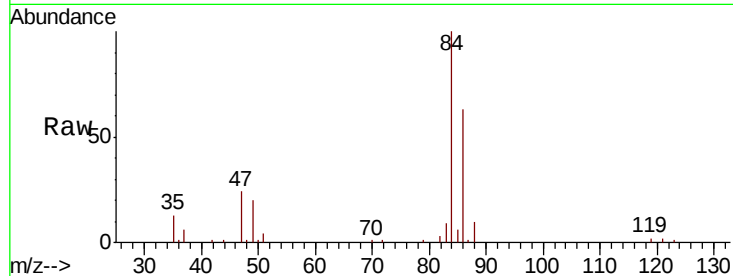




#25
Chloroform
Concen: 1.138 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU036991.D
Acq: 02 Mar 2020 12:16

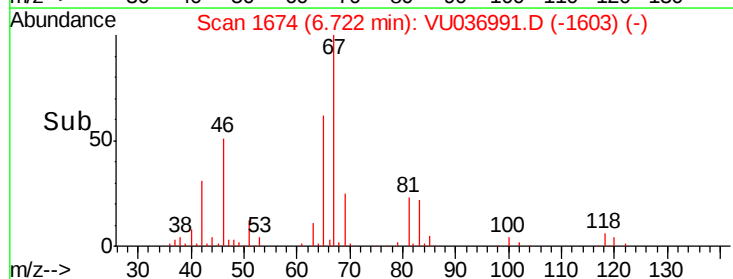
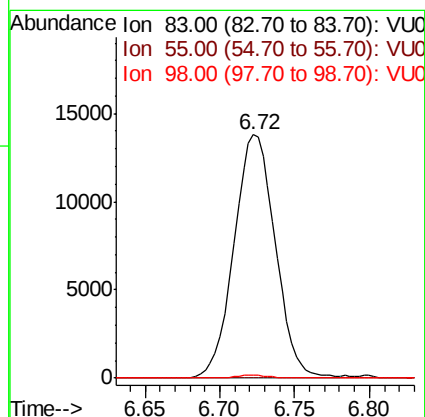
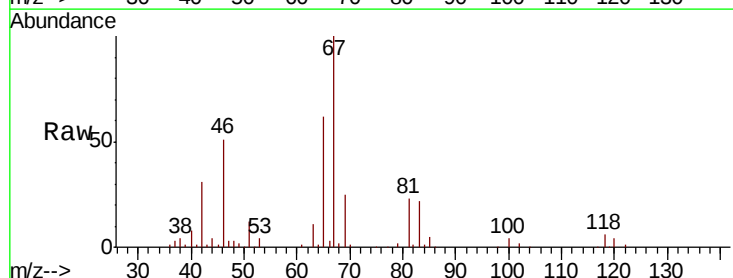
Instrument :
MSVOA_U
ClientSampleId :

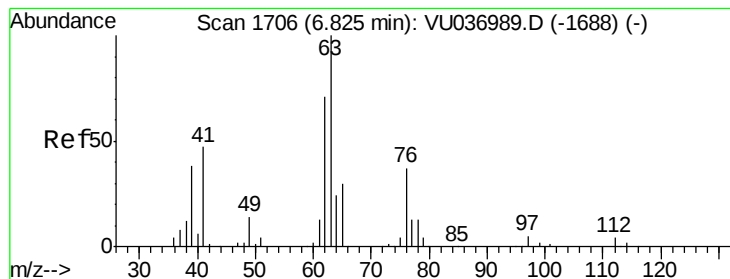
Tot Ion: 83 Resp: 3778
Ion Ratio Lower Upper
83 100
85 65.6 45.1 83.9



#35
Methylcyclohexane
Concen: 8.116 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036991.D
Acq: 02 Mar 2020 12:16

Tgt Ion: 83 Resp: 26559
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 0.9 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 6.333 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU036991.D

Acq: 02 Mar 2020 12:16

Instrument :

MSVOA_U

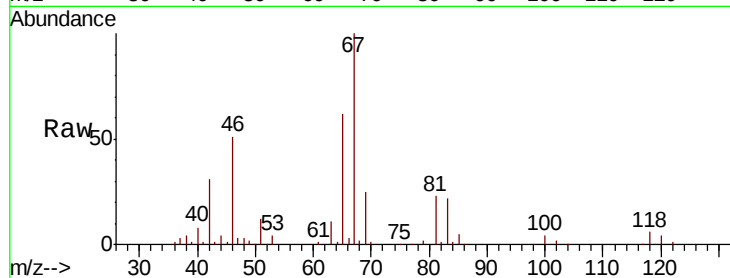
ClientSampleId :

Tot Ion: 63 Resp: 13093

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU036991.D (-1674) (-)

Ion 112.00 (111.70 to 112.70): VU036991.D (-1674) (-)

8000

6000

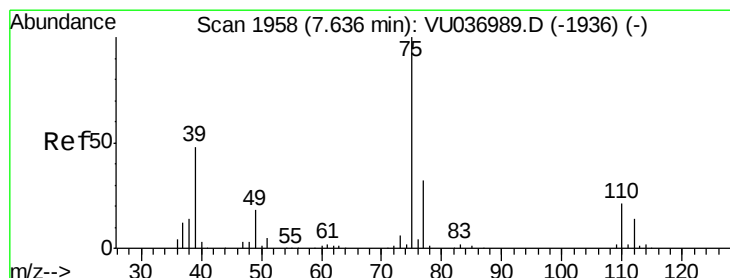
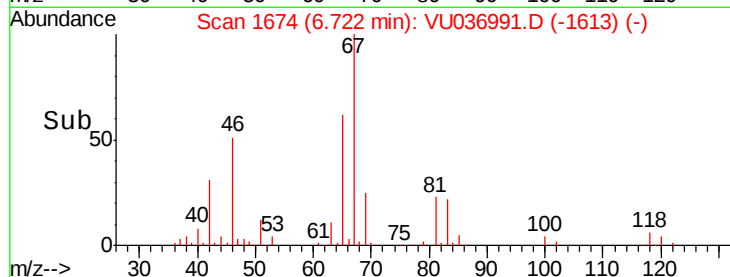
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.071 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU036991.D

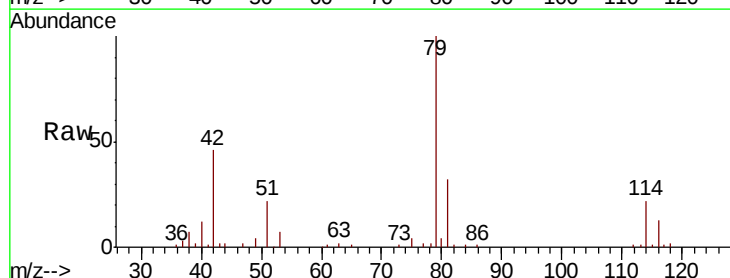
Acq: 02 Mar 2020 12:16

Tgt Ion: 75 Resp: 3411

Ion Ratio Lower Upper

75 100

77 50.5 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU036991.D (-1865) (-)

Ion 77.00 (76.70 to 77.70): VU036991.D (-1865) (-)

2000

1500

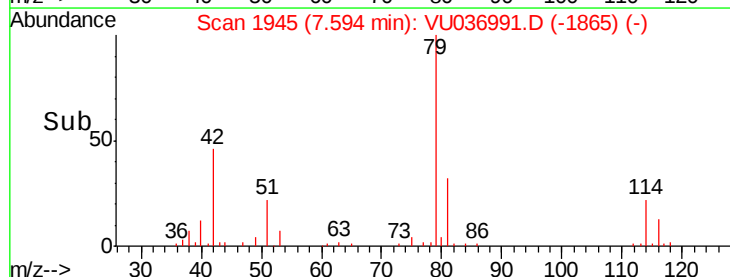
1000

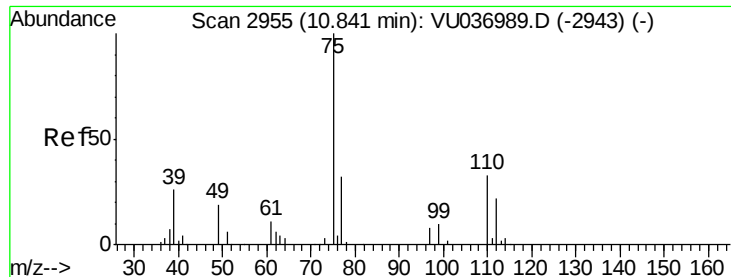
500

0

7.55 7.60 7.65

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.830 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU036991.D

Acq: 02 Mar 2020 12:16

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 12846

Ion Ratio Lower Upper

75 100

77 38.2 26.2 39.2

