

Data File : VU036953.D
Acq On : 27 Feb 2020 19:13
Operator : JC/MD
Sample : L1708-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C96

Quant Time: Feb 27 22:05:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 22:00:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	255863	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	242584	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	90738	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75053	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.86%
7) Chloroethane-d5	1.93	69	73381	41.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.54%
11) 1,1-Dichloroethene-d2	2.59	63	104005	28.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.80%#
21) 2-Butanone-d5	4.67	46	147552	102.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.38%
24) Chloroform-d	5.11	84	148716	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	5.74	65	104439	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
32) Benzene-d6	5.76	84	316848	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
36) 1,2-Dichloropropane-d6	6.72	67	105567	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.90%
41) Toluene-d8	7.93	98	282700	43.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.88%
43) trans-1,3-Dichloropropene-	8.20	79	43839	41.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.02%
47) 2-Hexanone-d5	8.66	63	109428	98.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.47%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	152217	47.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	87919	49.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.14%

Target Compounds

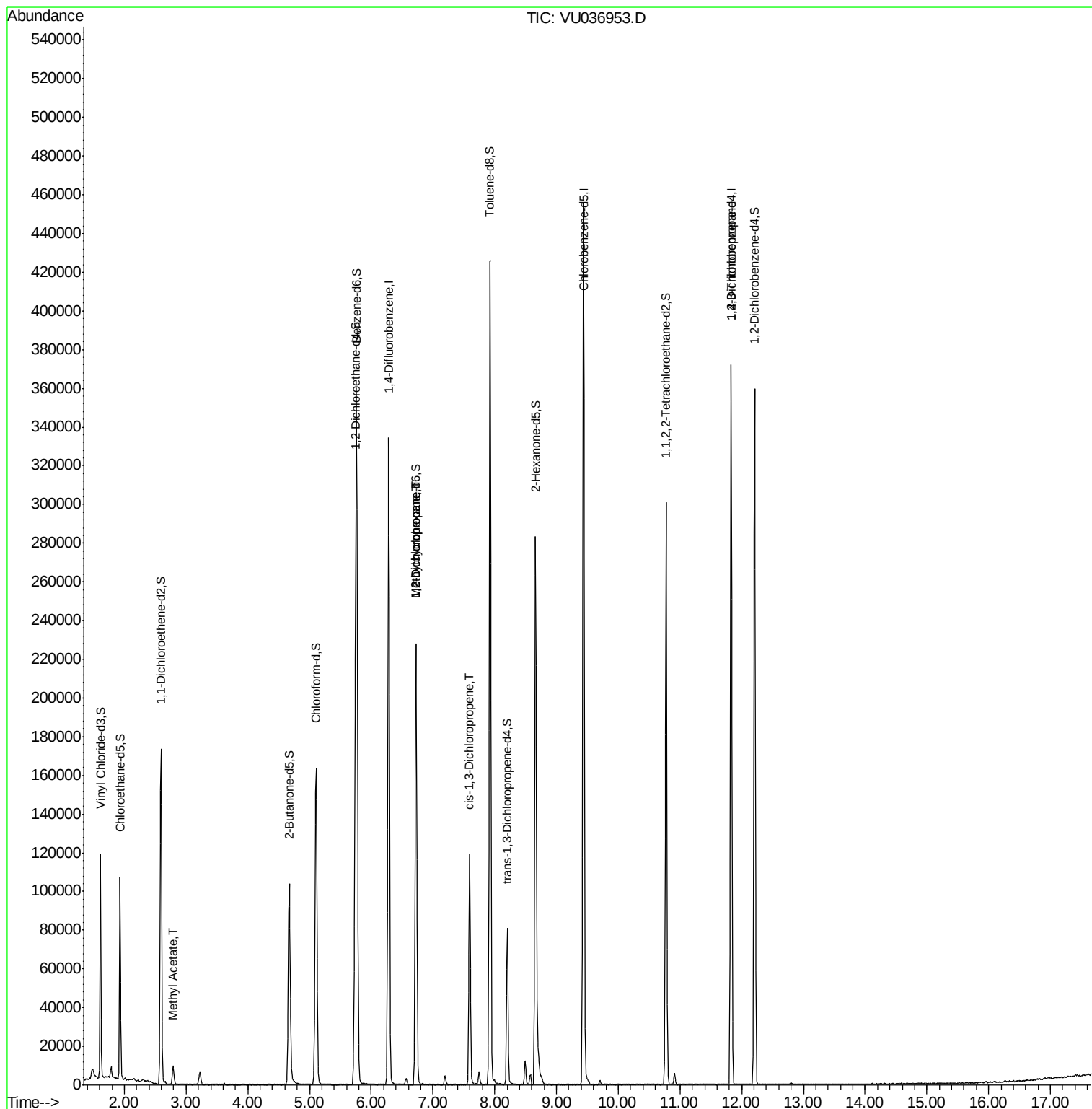
					Qvalue
15) Methyl Acetate	2.79	43	2815	1.246 ug/L #	52
35) Methylcyclohexane	6.72	83	23603	7.227 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	11775	5.706 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2790	0.878 ug/L #	52
59) 1,2,3-Trichloropropane	11.83	75	14200	5.349 ug/L	95

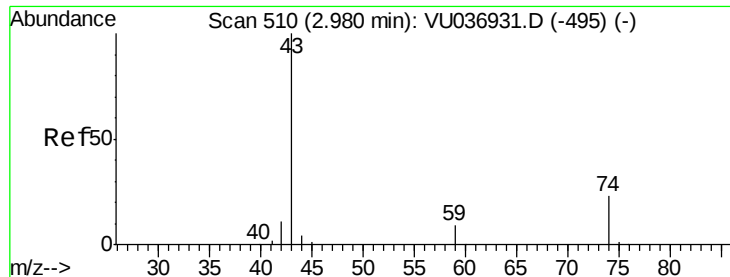
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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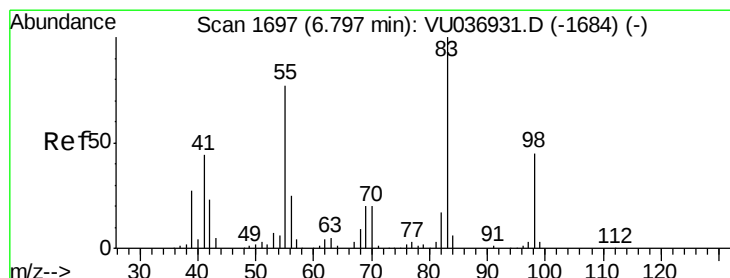
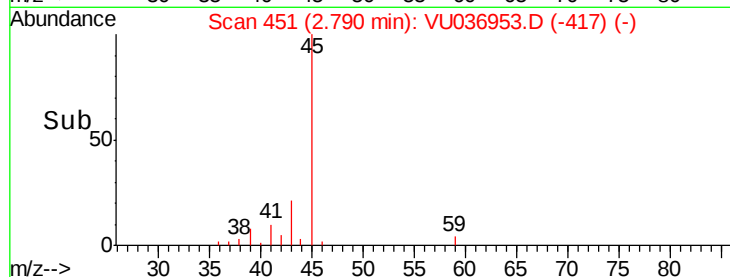
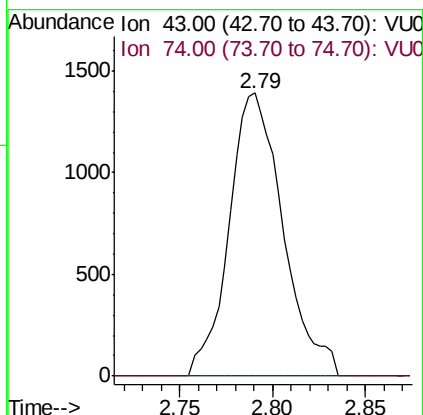
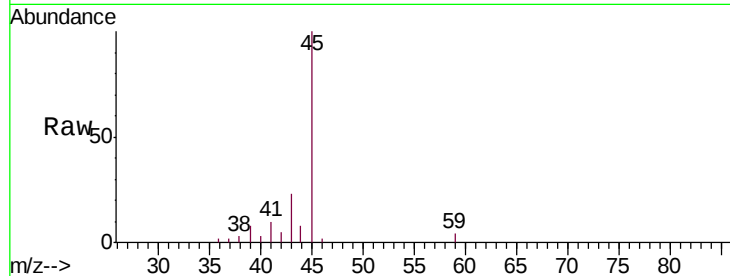




#15
Methyl Acetate
Concen: 1.246 ug/L
RT: 2.79 min Scan# 451
Delta R.T. -0.19 min
Lab File: VU036953.D
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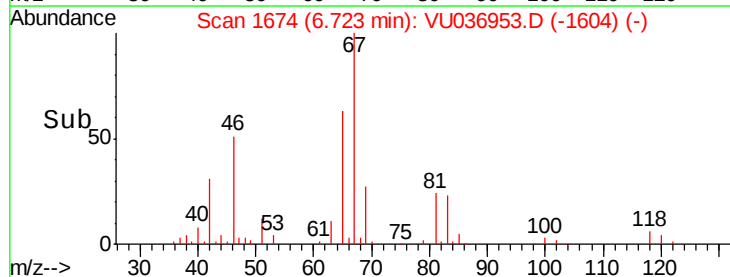
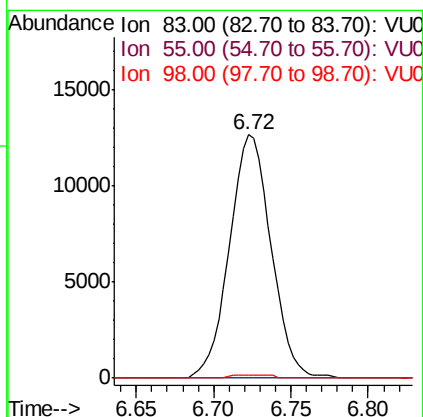
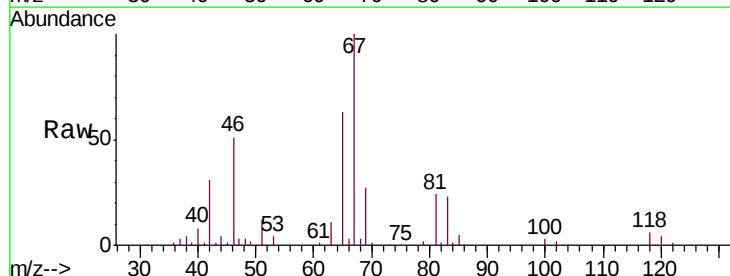
Instrument :
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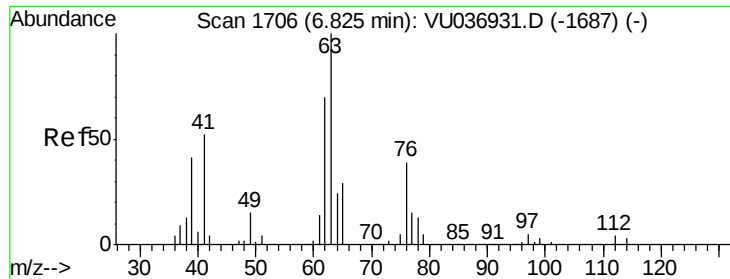
Tgt Ion: 43 Resp: 2815
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#35
Methylcyclohexane
Concen: 7.227 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036953.D
Acq: 27 Feb 2020 19:13

Tgt Ion: 83 Resp: 23603
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 1.3 35.1 52.7#

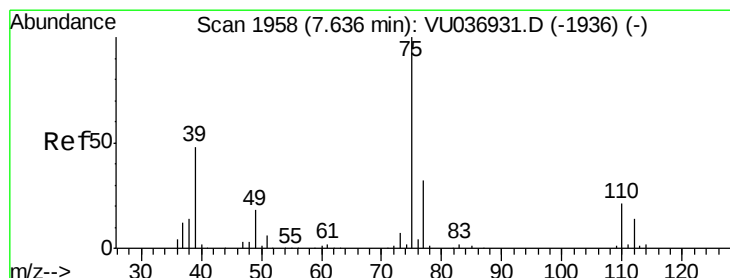
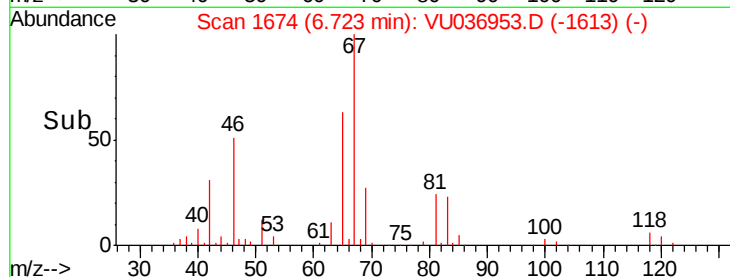
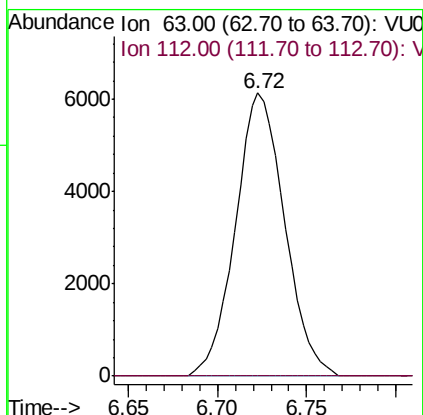
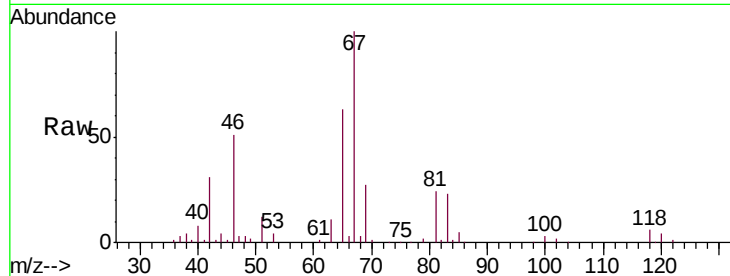




#37
 1,2-Dichloropropane
 Concen: 5.706 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU036953.D
 Acq: 27 Feb 2020 19:13

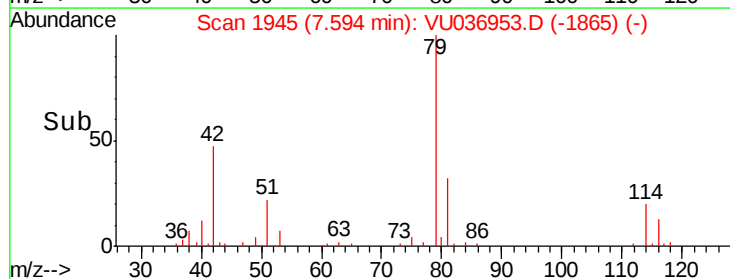
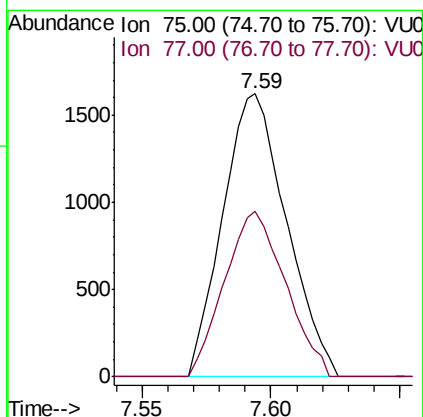
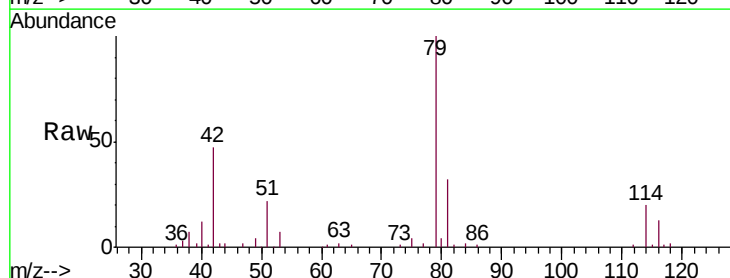
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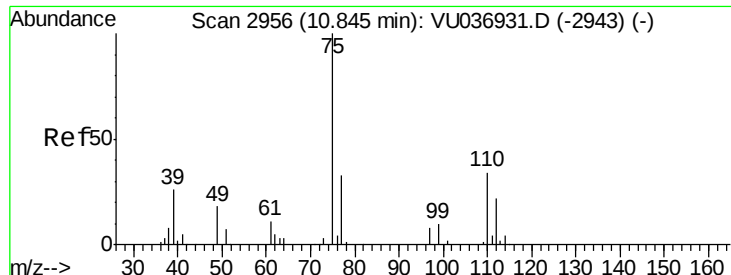
Tgt Ion: 63 Resp: 11775
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.878 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036953.D
 Acq: 27 Feb 2020 19:13

Tgt Ion: 75 Resp: 2790
 Ion Ratio Lower Upper
 75 100
 77 58.3 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 5.349 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036953.D

Acq: 27 Feb 2020 19:13

Instrument :

MSVOA_U

ClientSampleId :

C0C96

Tgt Ion: 75 Resp: 14200

Ion Ratio Lower Upper

75 100

77 35.3 26.2 39.2

