

Data File : VU036585.D
Acq On : 29 Jan 2020 11:44
Operator : JC/MD
Sample : VU0129MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Quant Time: Jan 30 02:50:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	290880	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268278	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	104582	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	101375	46.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.06%
7) Chloroethane-d5	1.93	69	88301	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.48%
11) 1,1-Dichloroethene-d2	2.59	63	126437	35.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.78%
21) 2-Butanone-d5	4.68	46	130520	100.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.93%
24) Chloroform-d	5.11	84	163796	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
26) 1,2-Dichloroethane-d4	5.74	65	107323	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
32) Benzene-d6	5.77	84	375602	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
36) 1,2-Dichloropropane-d6	6.73	67	118577	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.84%
41) Toluene-d8	7.93	98	357385	49.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.44%
43) trans-1,3-Dichloropropene-	8.21	79	54174	48.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.88%
47) 2-Hexanone-d5	8.67	63	110861	101.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.66%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	167541	48.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.92%
64) 1,2-Dichlorobenzene-d4	12.22	152	116792	52.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.08%

Target Compounds

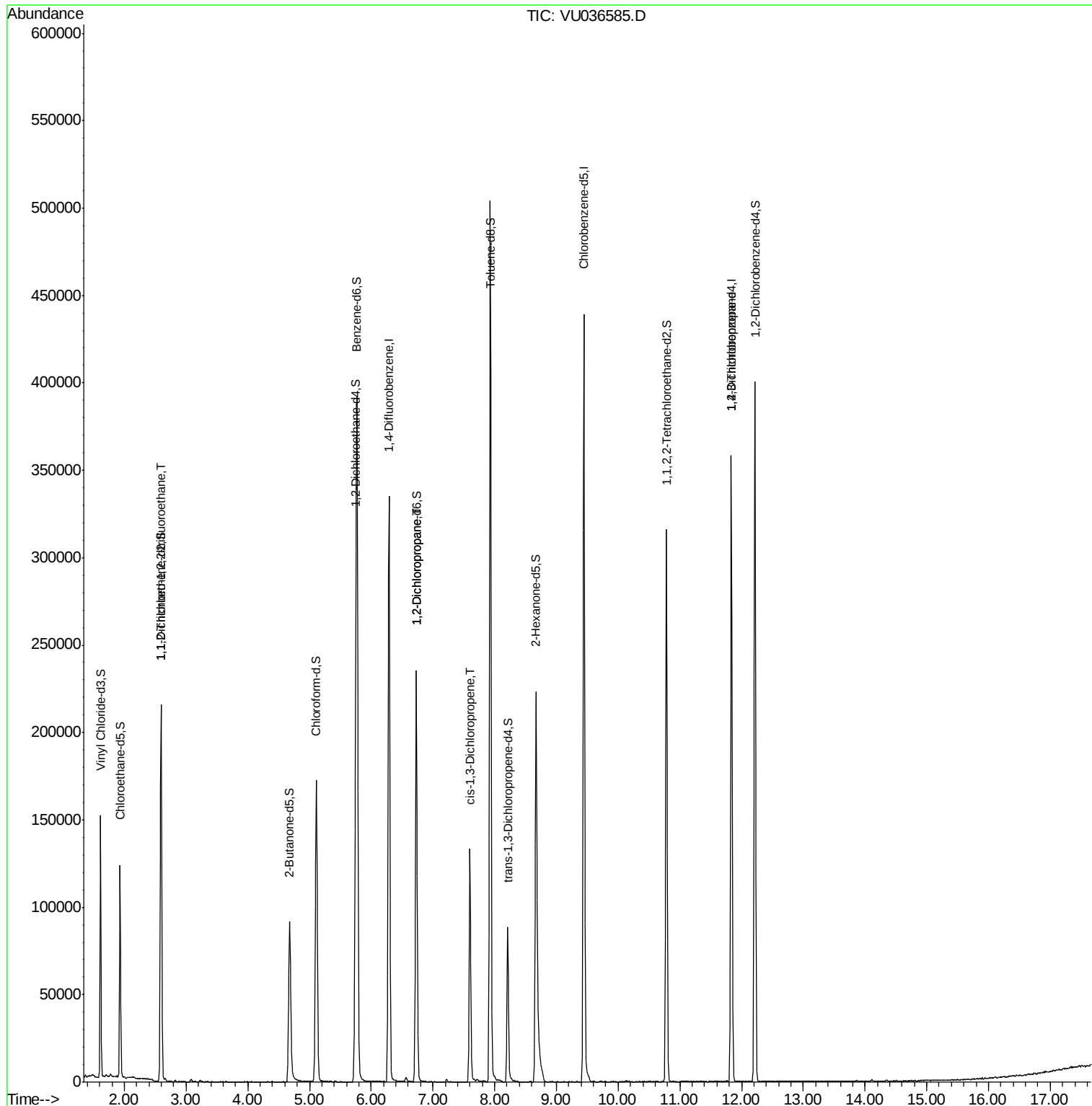
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	1394	0.758 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	11738	5.758 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3079	0.937 ug/L #	59
59) 1,2,3-Trichloropropane	11.83	75	11799	4.282 ug/L	92

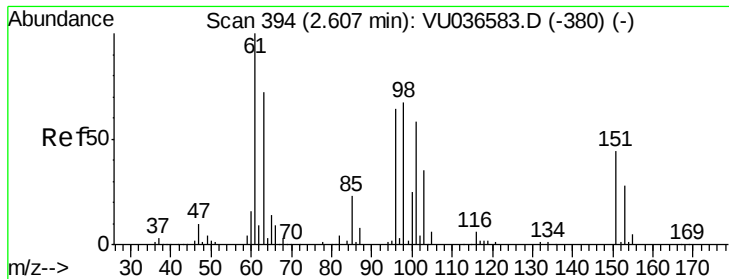
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.758 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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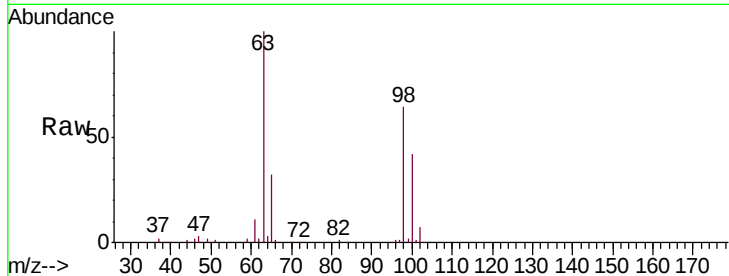
Tgt Ion:101 Resp: 1394

Ion Ratio Lower Upper

101 100

85 0.0 32.6 49.0#

151 0.0 60.3 90.5#



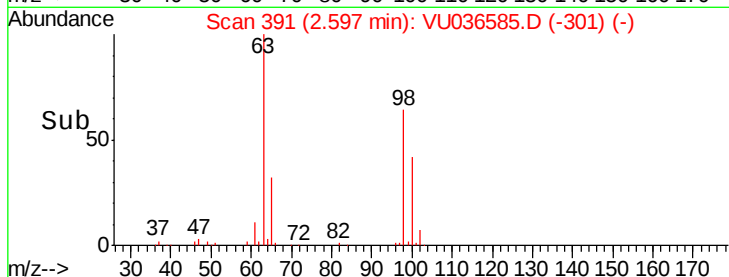
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

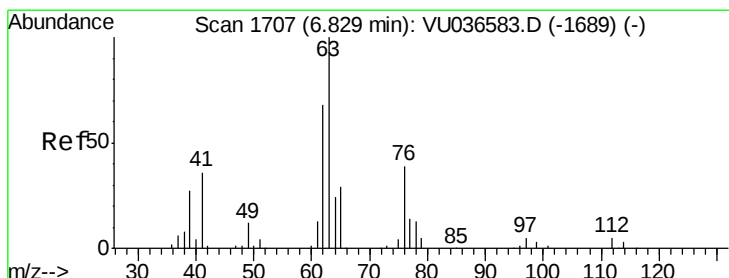
Ion 151.00 (150.70 to 151.70): V

Time-->

2.55 2.60



Time-->



#37

1,2-Dichloropropane

Concen: 5.758 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

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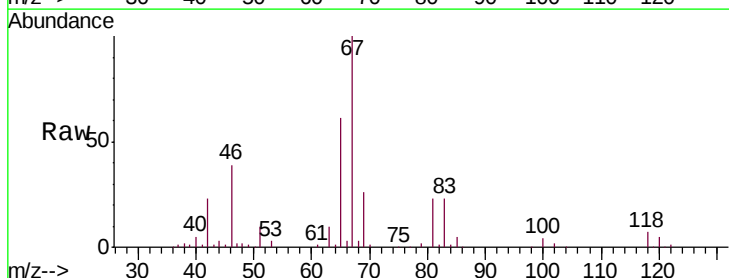
Acq: 29 Jan 2020 11:44

Tgt Ion: 63 Resp: 11738

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

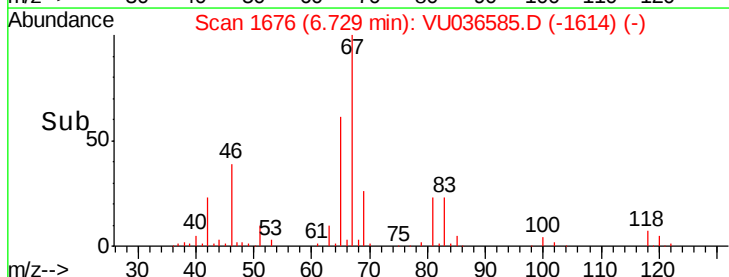


Abundance Ion 63.00 (62.70 to 63.70): VU0

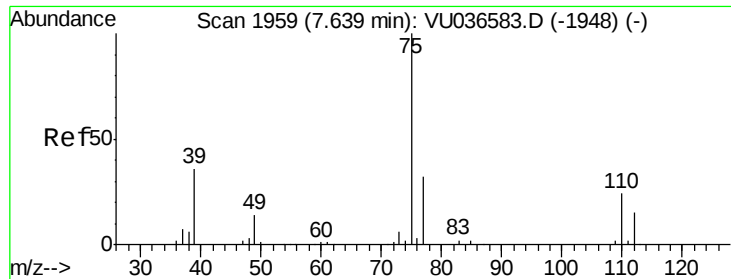
Ion 112.00 (111.70 to 112.70): V

Time-->

6.70 6.75 6.80



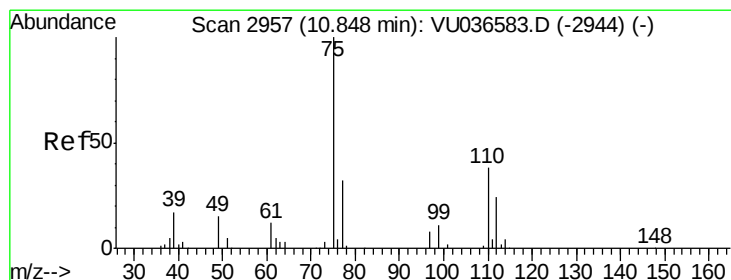
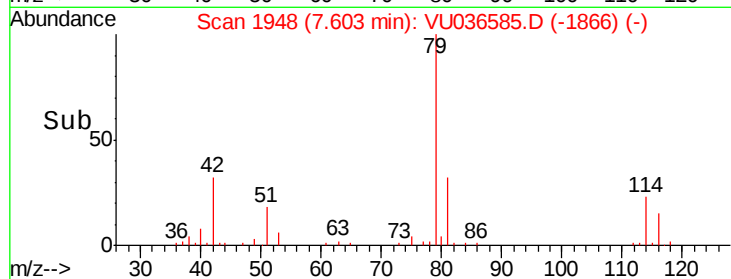
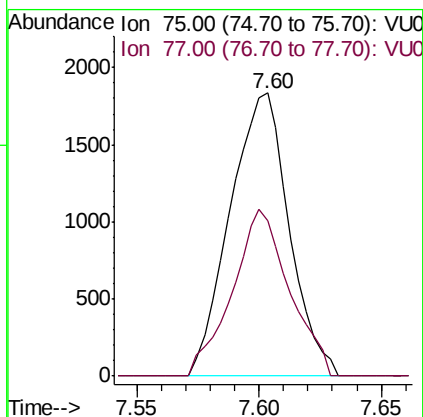
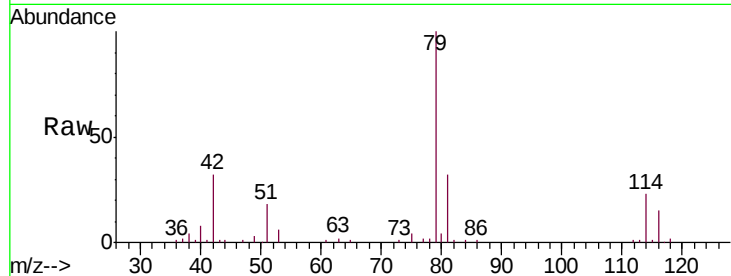
Time-->



#39
 cis-1,3-Dichloropropene
 Concen: 0.937 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
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 VBLK48

Tgt Ion: 75 Resp: 3079
 Ion Ratio Lower Upper
 75 100
 77 55.0 22.5 41.9#



#59
 1,2,3-Trichloropropane
 Concen: 4.282 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036585.D
 Acq: 29 Jan 2020 11:44

Tgt Ion: 75 Resp: 11799
 Ion Ratio Lower Upper
 75 100
 77 37.2 26.2 39.2

