

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042820\
 Data File : VU037897.D
 Acq On : 28 Apr 2020 23:08
 Operator : JC/MD
 Sample : L2395-20 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 29 04:19:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 04:16:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	620513	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	604440	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	274771	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	207204	38.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.44%
7) Chloroethane-d5	1.93	69	193748	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.22%
11) 1,1-Dichloroethene-d2	2.59	63	281340	32.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.12%
21) 2-Butanone-d5	4.66	46	435807	101.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.45%
24) Chloroform-d	5.10	84	389908	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
26) 1,2-Dichloroethane-d4	5.74	65	280898	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
32) Benzene-d6	5.76	84	849923	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.44%
36) 1,2-Dichloropropane-d6	6.72	67	285196	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.76%
41) Toluene-d8	7.92	98	771926	49.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.26%
43) trans-1,3-Dichloropropene-	8.20	79	123674	42.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.06%
47) 2-Hexanone-d5	8.65	63	330798	106.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.29%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	405940	51.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.06%
64) 1,2-Dichlorobenzene-d4	12.20	152	279041	52.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.38%

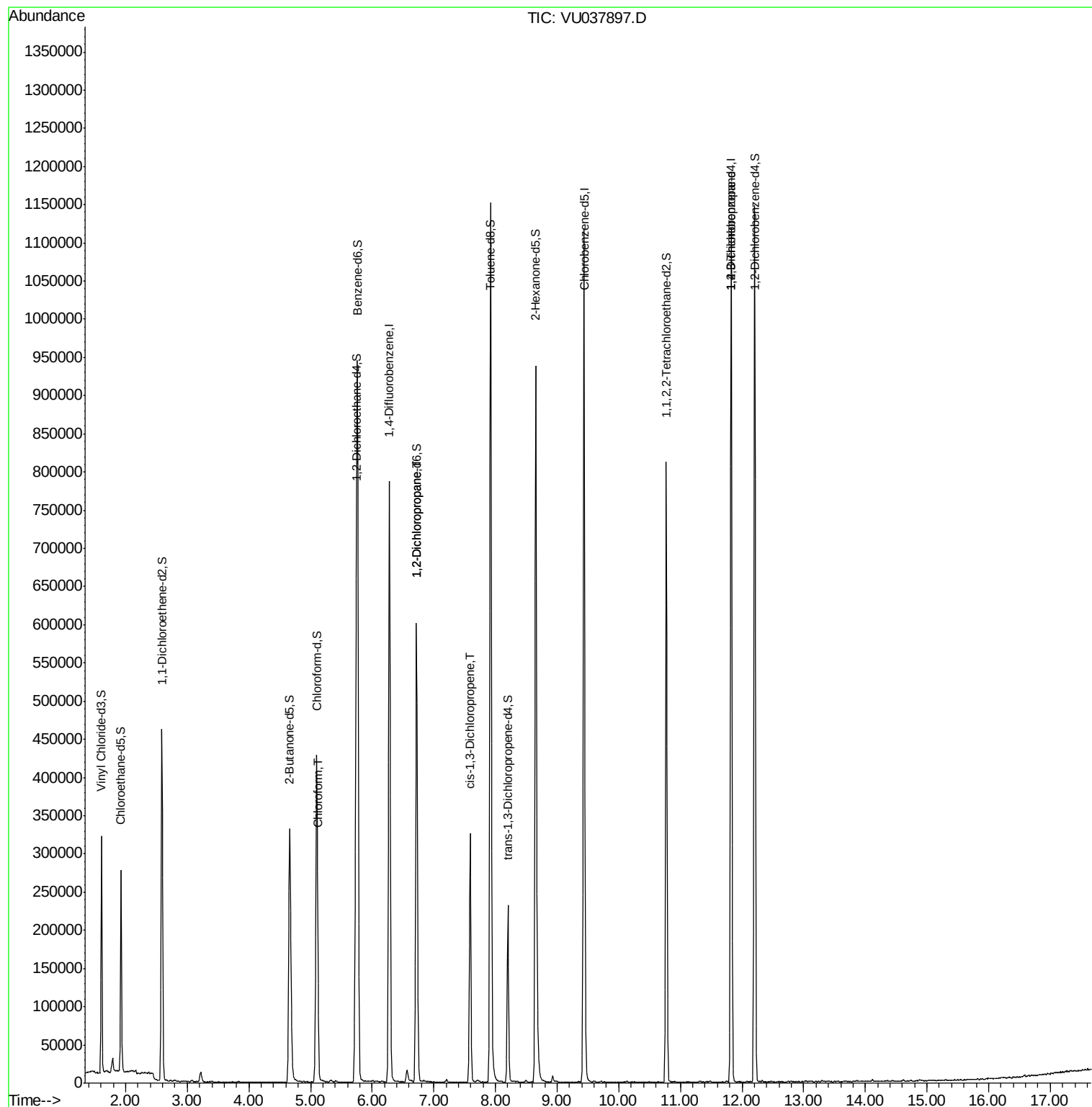
Target Compounds

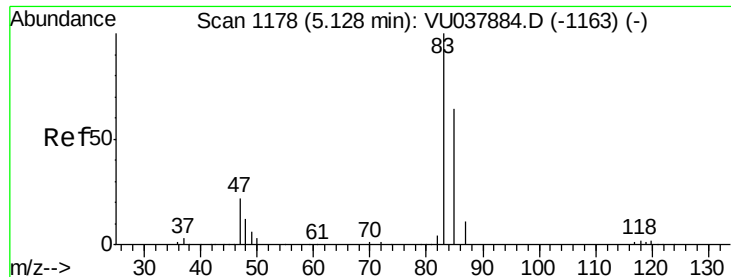
					Ovalue
25) Chloroform	5.12	83	8386	1.056 ug/L	97
37) 1,2-Dichloropropane	6.72	63	30644	6.116 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	7131	0.889 ug/L #	61
59) 1,2,3-Trichloropropane	11.82	75	38294	5.689 ug/L	93

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

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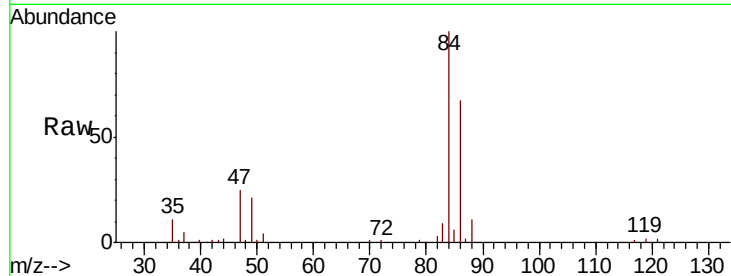
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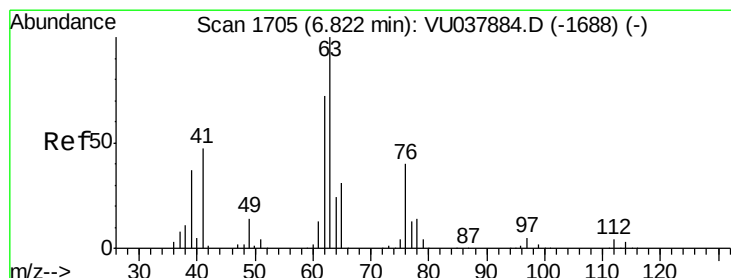
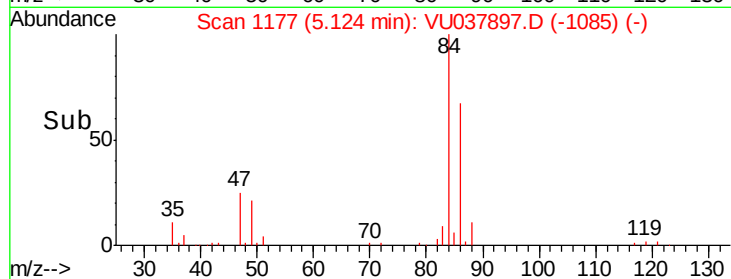
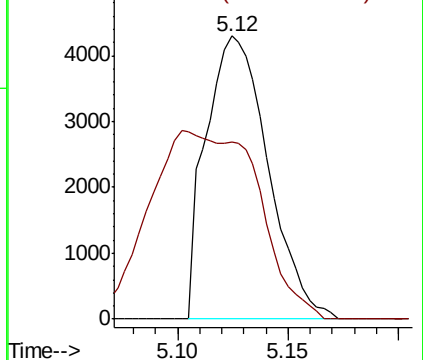


#25
Chloroform
Concen: 1.056 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037897.D
Acq: 28 Apr 2020 23:08

Tot Ion: 83 Resp: 8386
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.9

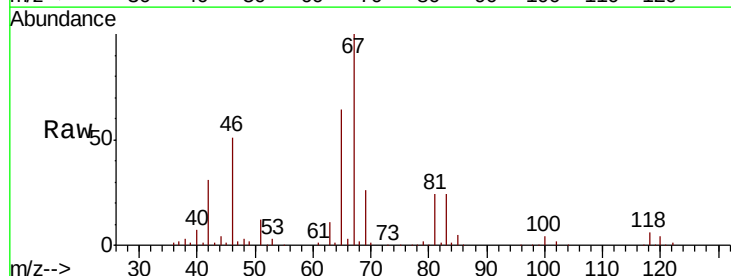


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

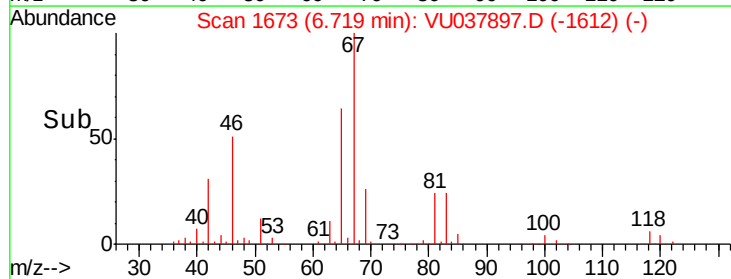
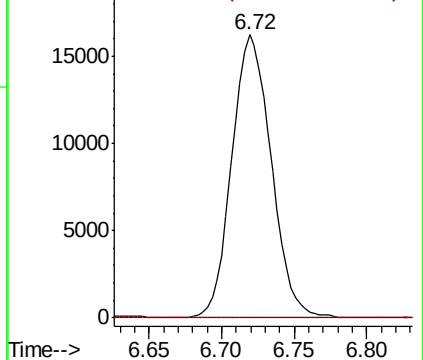


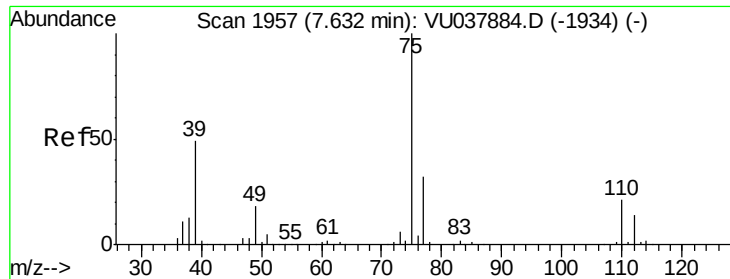
#37
1,2-Dichloropropane
Concen: 6.116 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU037897.D
Acq: 28 Apr 2020 23:08

Tgt Ion: 63 Resp: 30644
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 0.889 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU037897.D

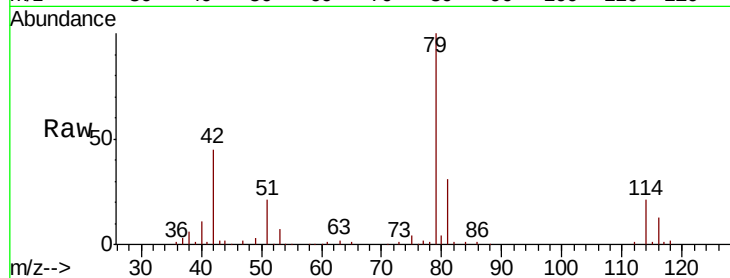
Acq: 28 Apr 2020 23:08

Tot Ion: 75 Resp: 7131

Ion Ratio Lower Upper

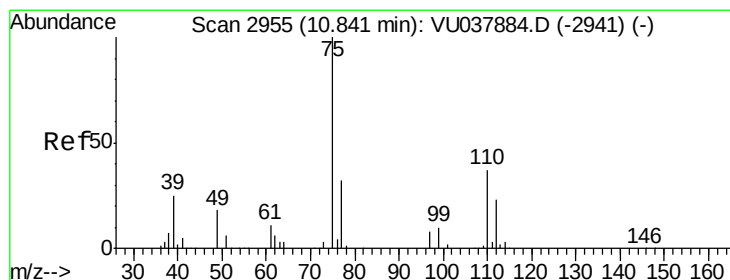
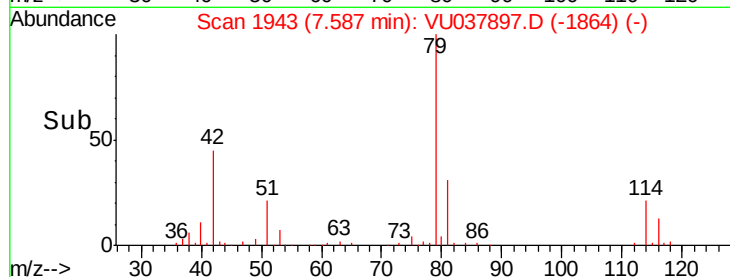
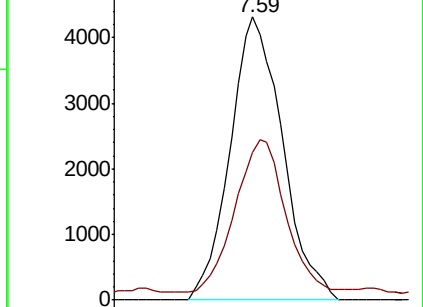
75 100

77 52.2 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.689 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037897.D

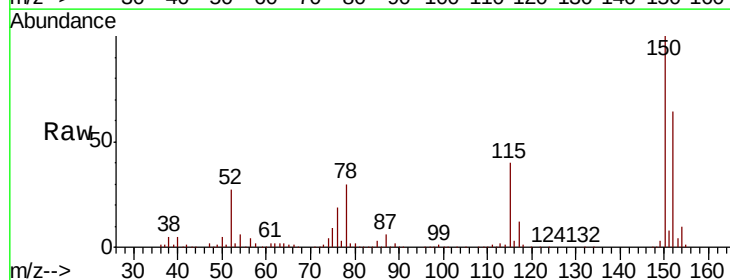
Acq: 28 Apr 2020 23:08

Tgt Ion: 75 Resp: 38294

Ion Ratio Lower Upper

75 100

77 36.2 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

