

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037110.D
 Acq On : 06 Mar 2020 15:31
 Operator : JC/MD
 Sample : L1834-02 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 07 00:03:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	262020	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248953	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86890	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87161	39.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.22%
7) Chloroethane-d5	1.93	69	81468	44.75	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.50%
11) 1,1-Dichloroethene-d2	2.59	63	114892	31.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.36%
21) 2-Butanone-d5	4.67	46	135834	92.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.03%
24) Chloroform-d	5.10	84	148094	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.14%
26) 1,2-Dichloroethane-d4	5.74	65	104790	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
32) Benzene-d6	5.76	84	323271	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.72	67	105256	45.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.26%
41) Toluene-d8	7.92	98	282706	42.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.66%
43) trans-1,3-Dichloropropene-	8.20	79	42440	39.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.30%
47) 2-Hexanone-d5	8.66	63	90242	79.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.13%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	144479	43.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.88%
64) 1,2-Dichlorobenzene-d4	12.21	152	79147	46.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

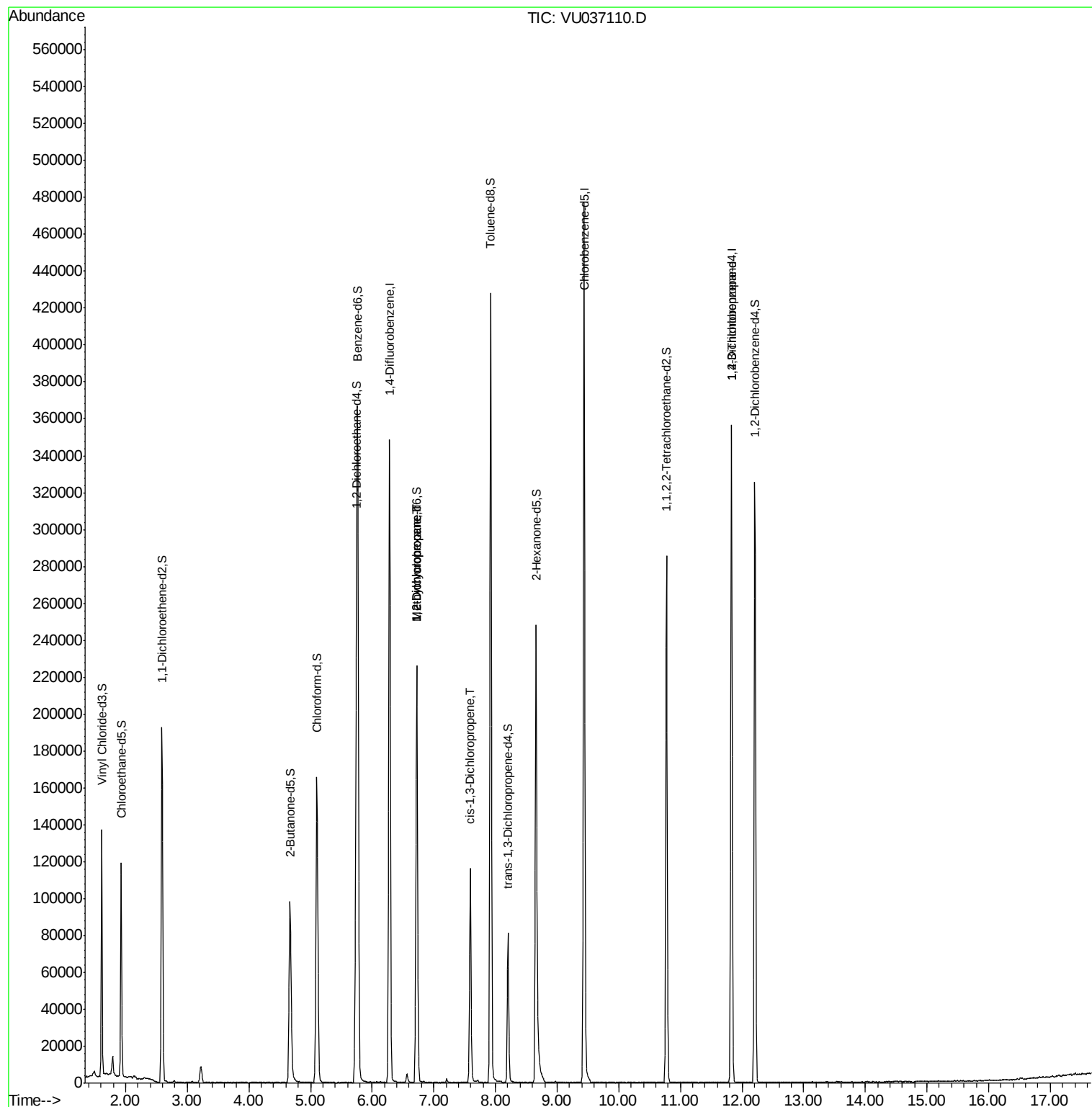
					Ovalue
35) Methylcyclohexane	6.72	83	23721	7.078 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11745	5.546 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2643	0.810 ug/L #	54
59) 1,2,3-Trichloropropane	11.83	75	14089	5.172 ug/L	94

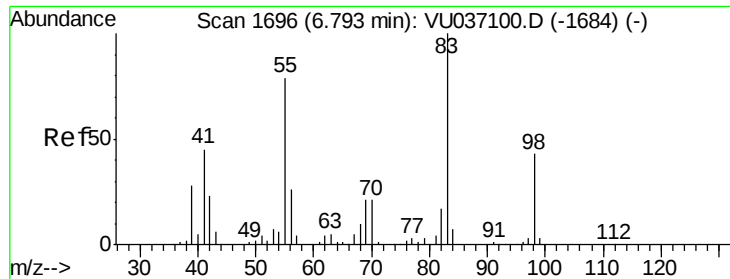
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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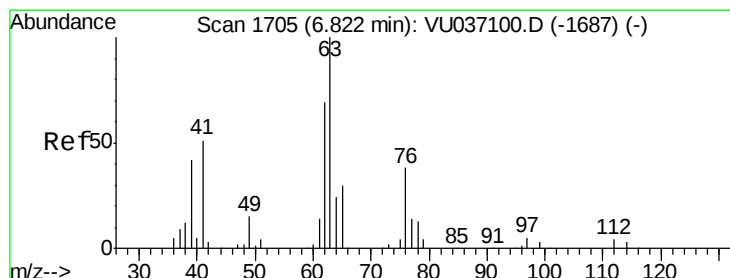
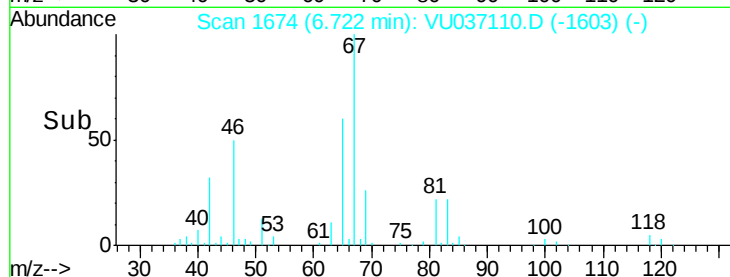
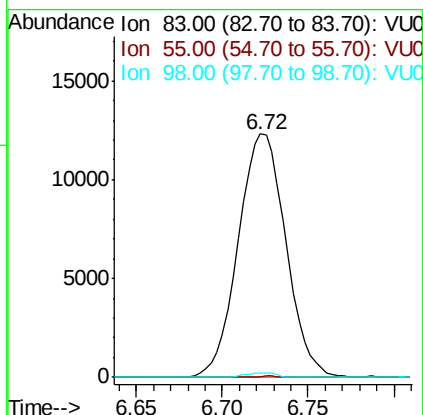
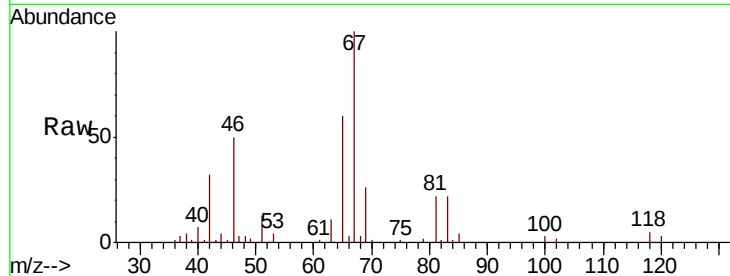




#35
Methvlcvclohexane
Concen: 7.078 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037110.D
Acq: 06 Mar 2020 15:31

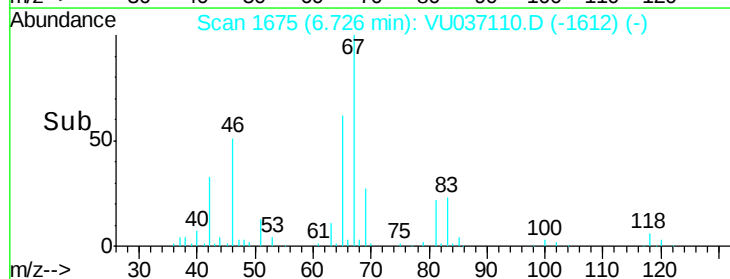
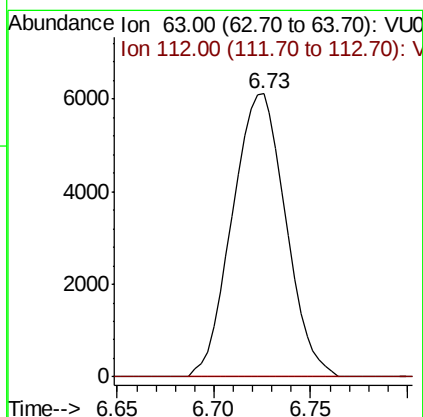
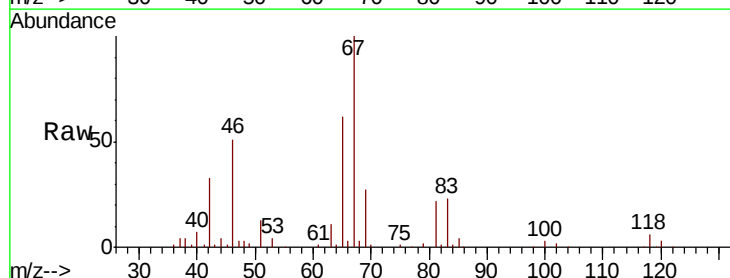
Instrument :
MSVOA_U
ClientSampleId :

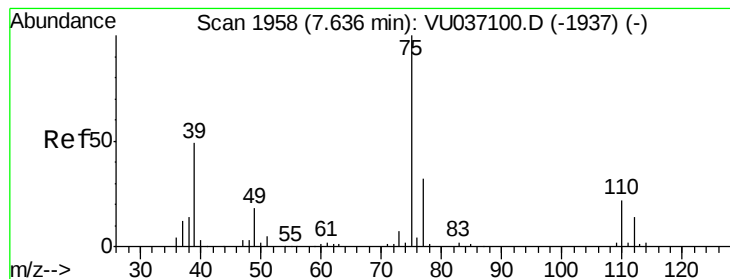
Tot Ion: 83 Resp: 23721
Ion Ratio Lower Upper
83 100
55 0.2 62.6 93.8#
98 1.1 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 5.546 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037110.D
Acq: 06 Mar 2020 15:31

Tgt Ion: 63 Resp: 11745
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



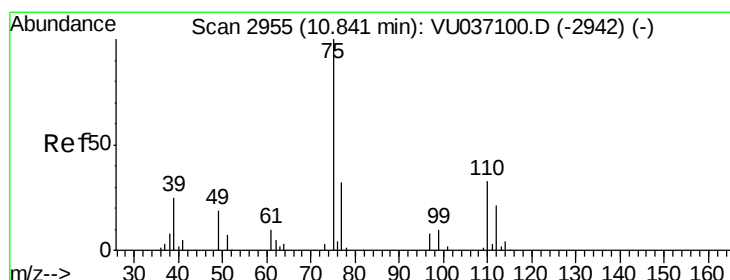
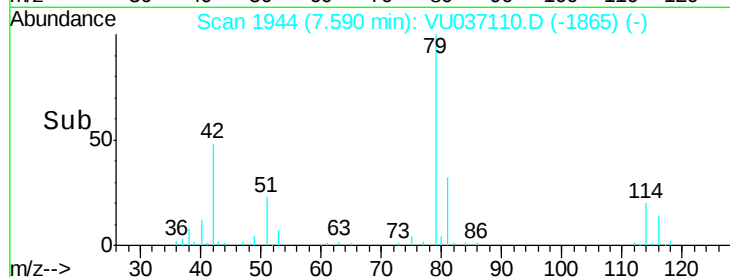
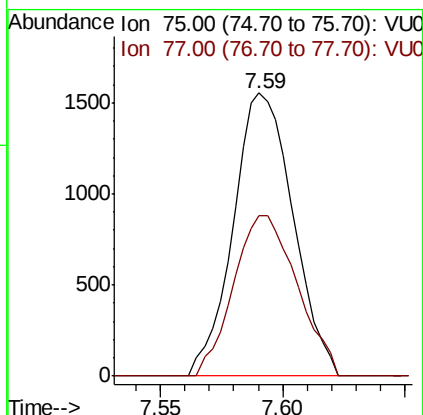
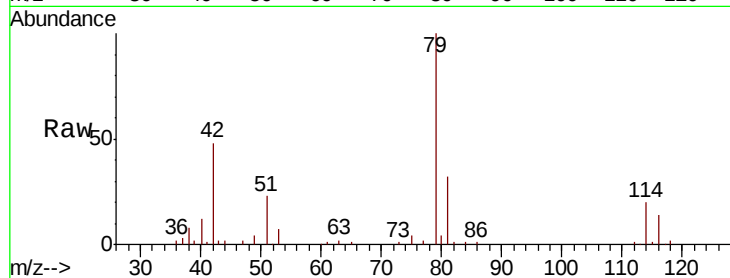


#39

cis-1,3-Dichloropropene
 Concen: 0.810 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037110.D
 Acq: 06 Mar 2020 15:31

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 2643
 Ion Ratio Lower Upper
 75 100
 77 56.9 22.0 41.0#



#59

1,2,3-Trichloropropane
 Concen: 5.172 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037110.D
 Acq: 06 Mar 2020 15:31

Tgt Ion: 75 Resp: 14089
 Ion Ratio Lower Upper
 75 100
 77 36.2 26.2 39.2

