

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037233.D
 Acq On : 13 Mar 2020 10:54
 Operator : JC/MD
 Sample : L1784-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 23:07:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 23:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	365753	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	362381	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	154864	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121979	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.18%
7) Chloroethane-d5	1.93	69	107825	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.50%
11) 1,1-Dichloroethene-d2	2.59	63	175116	33.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.44%
21) 2-Butanone-d5	4.67	46	267371	119.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.35%
24) Chloroform-d	5.11	84	269189	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
26) 1,2-Dichloroethane-d4	5.74	65	210061	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.46%
32) Benzene-d6	5.76	84	487204	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
36) 1,2-Dichloropropane-d6	6.72	67	168406	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.14%
41) Toluene-d8	7.92	98	450048	47.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.38%
43) trans-1,3-Dichloropropene-	8.20	79	88093	49.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.12%
47) 2-Hexanone-d5	8.66	63	181117	107.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.13%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	254428	50.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	168862	52.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.14%

Target Compounds

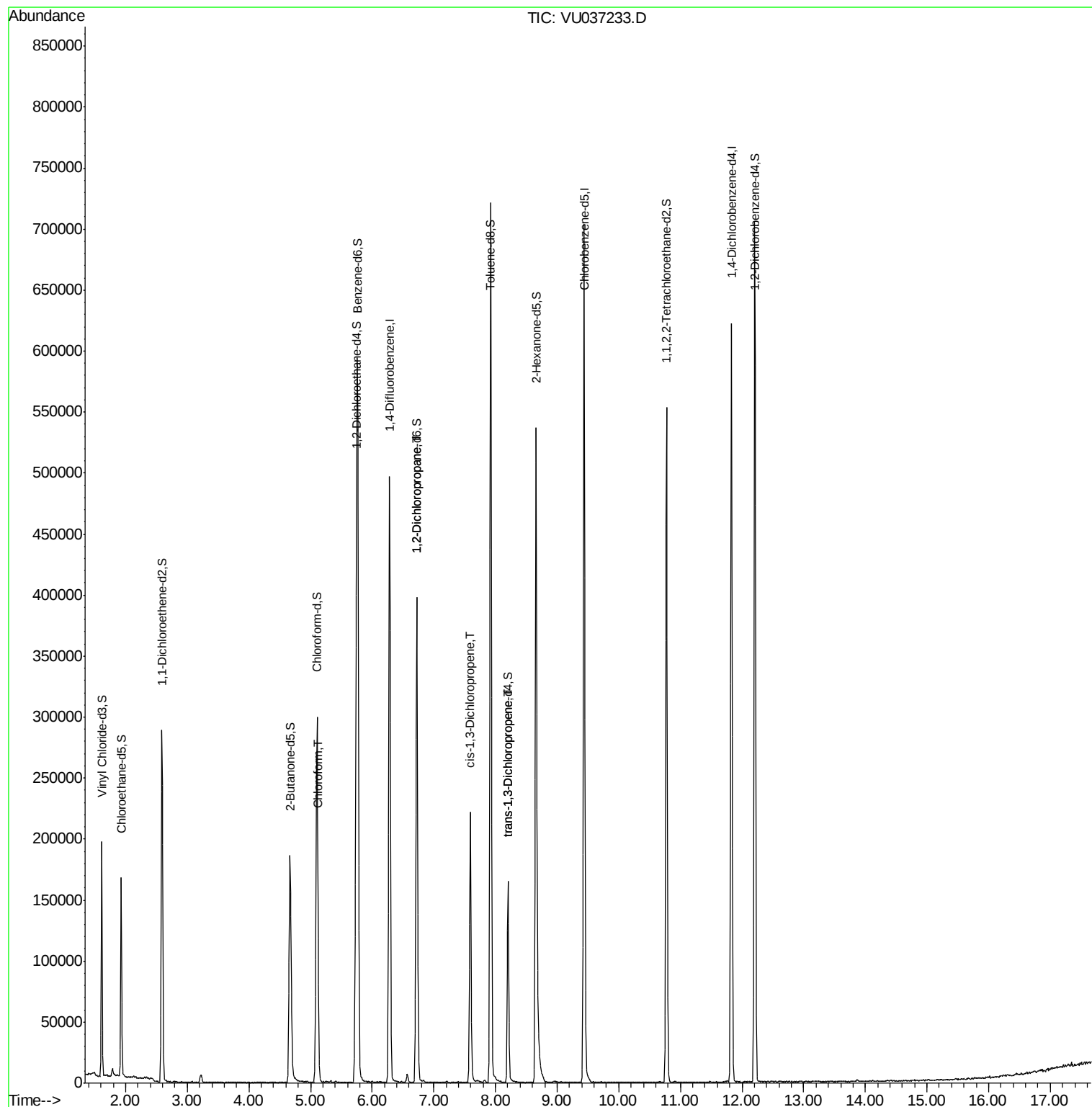
					Ovalue
25) Chloroform	5.13	83	4737	0.866 ug/L #	70
37) 1,2-Dichloropropane	6.72	63	21411	7.052 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	7234	1.537 ug/L #	63
44) trans-1,3-Dichloropropene	8.20	75	4921	1.107 ug/L #	67

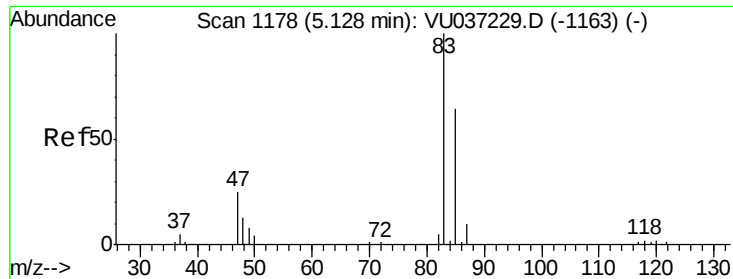
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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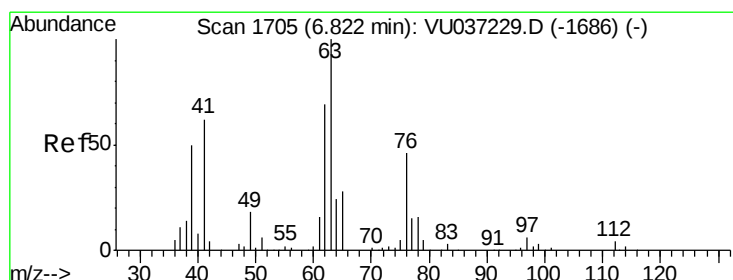
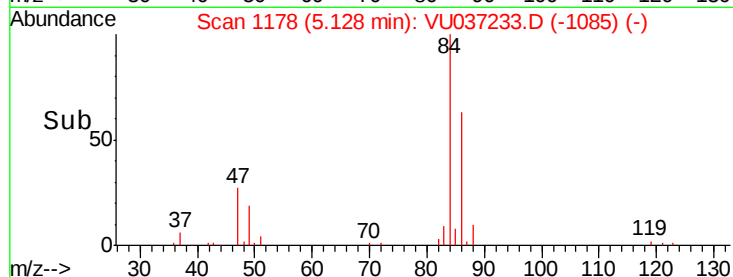
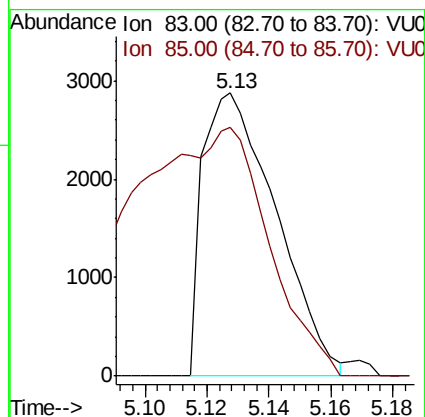
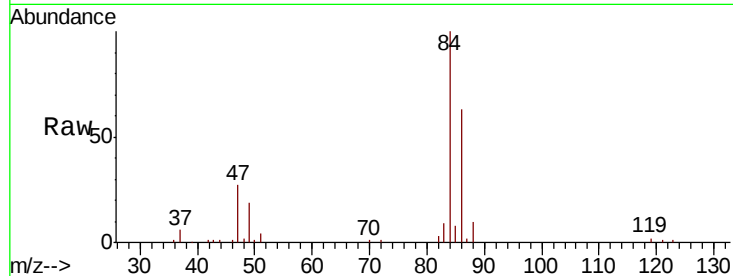




#25
Chloroform
Concen: 0.866 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037233.D
Acq: 13 Mar 2020 10:54

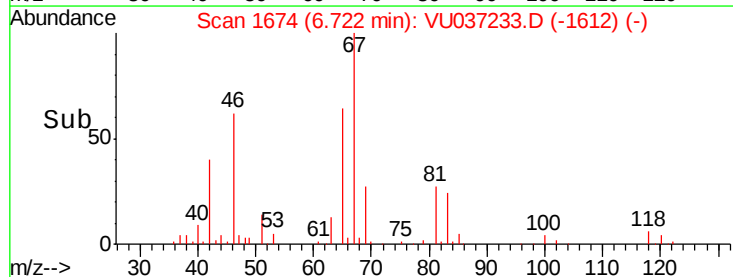
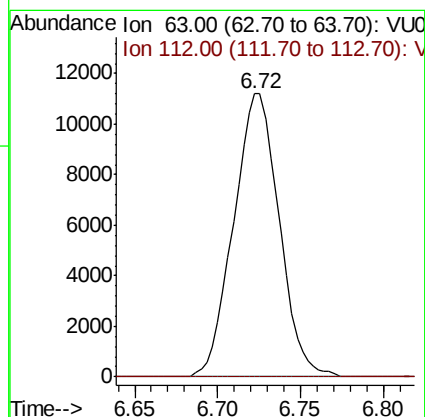
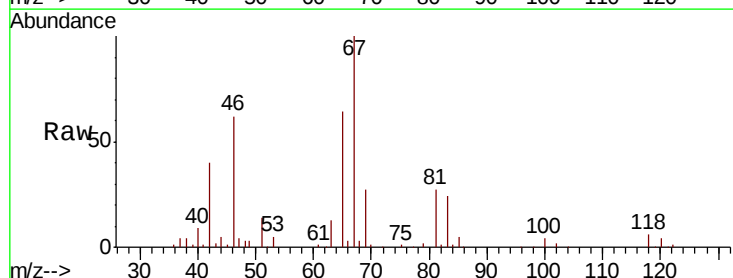
Instrument :
MSVOA_U
ClientSampleId :

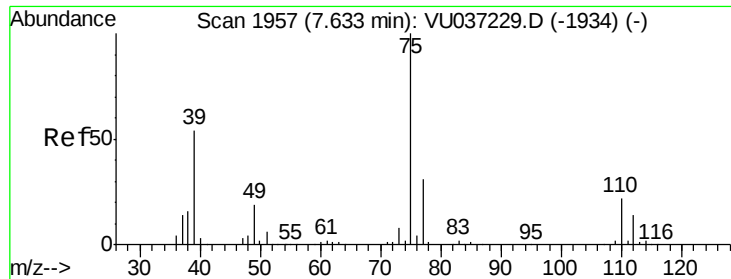
Tot Ion: 83 Resp: 4737
Ion Ratio Lower Upper
83 100
85 88.0 45.0 83.6#



#37
1,2-Dichloropropane
Concen: 7.052 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037233.D
Acq: 13 Mar 2020 10:54

Tgt Ion: 63 Resp: 21411
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

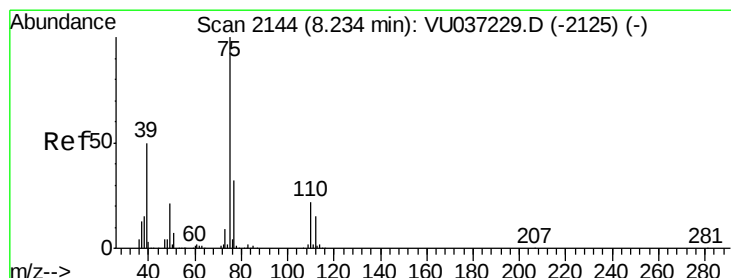
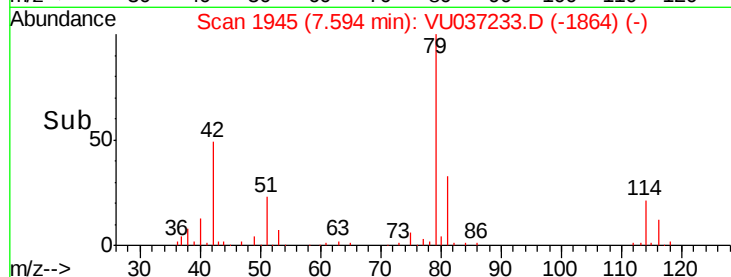
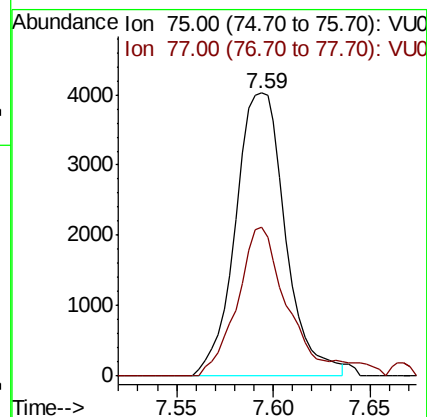
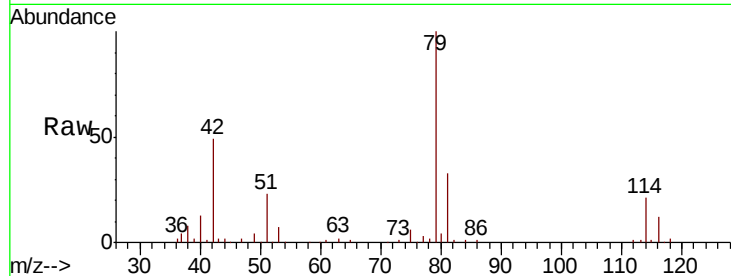




#39
 cis-1,3-Dichloropropene
 Concen: 1.537 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037233.D
 Acq: 13 Mar 2020 10:54

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 7234
 Ion Ratio Lower Upper
 75 100
 77 52.6 22.5 41.9#



#44
 trans-1,3-Dichloropropene
 Concen: 1.107 ug/L
 RT: 8.20 min Scan# 2135
 Delta R.T. -0.03 min
 Lab File: VU037233.D
 Acq: 13 Mar 2020 10:54

Tgt Ion: 75 Resp: 4921
 Ion Ratio Lower Upper
 75 100
 77 49.8 22.1 41.1#

