

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090420\
 Data File : VU040040.D
 Acq On : 04 Sep 2020 11:55
 Operator : SY/MD
 Sample : L3905-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 05 02:58:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 05 02:51:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116034	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	114683	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51491	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27122	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.92	69	25022	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.58	63	49466	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.65	46	134244	52.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.96%
24) Chloroform-d	5.08	84	68787	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.72	65	43872	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.74	84	126620	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	42078	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.90	98	109081	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.19	79	18477	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	94337	49.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38768	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	42780	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

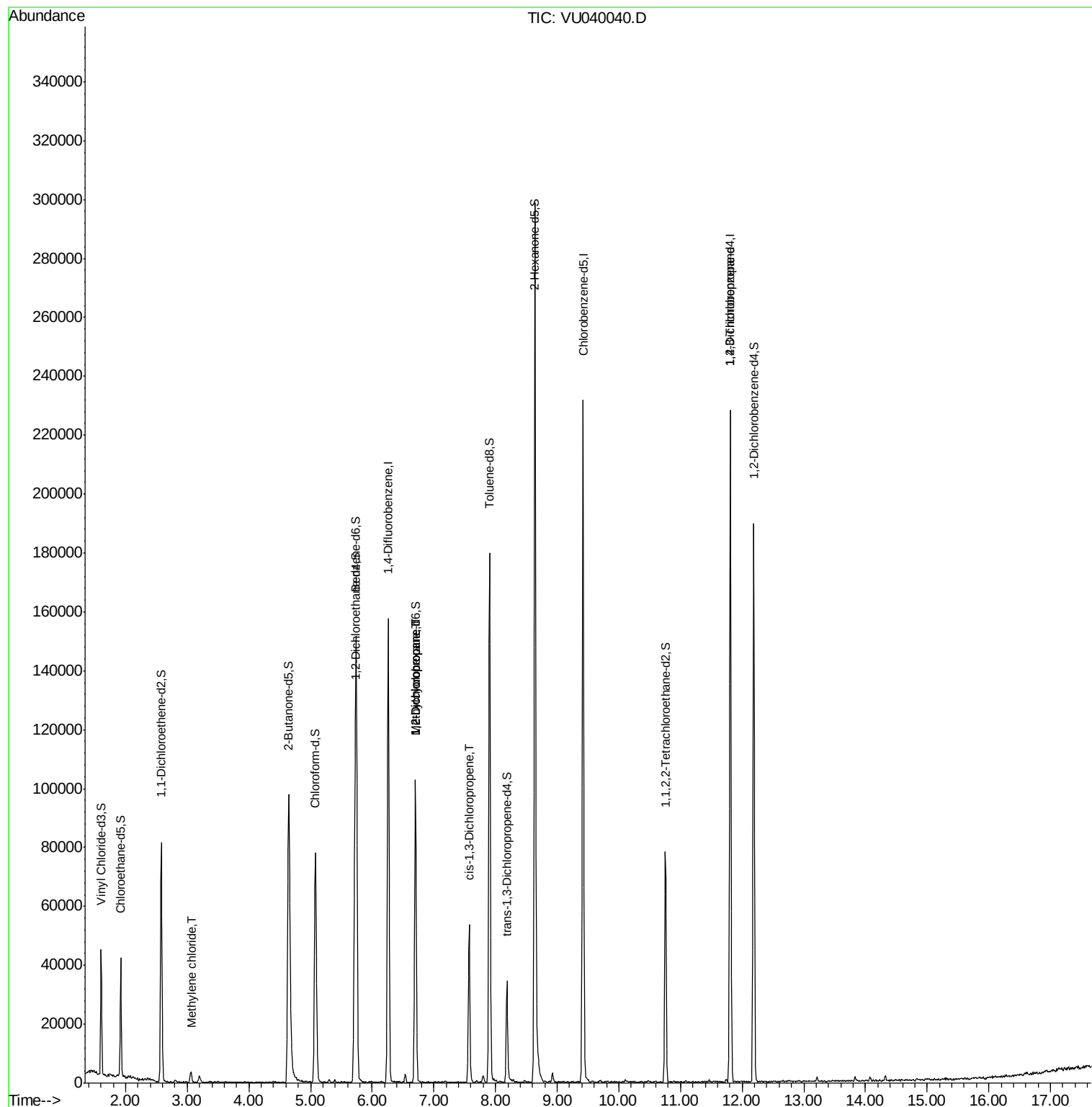
					Ovalue
16) Methylene chloride	3.06	84	1358	0.115 ug/L	94
35) Methylcyclohexane	6.70	83	10193	0.605 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5527	0.498 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1570	0.096 ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	8517	1.035 ug/L #	85

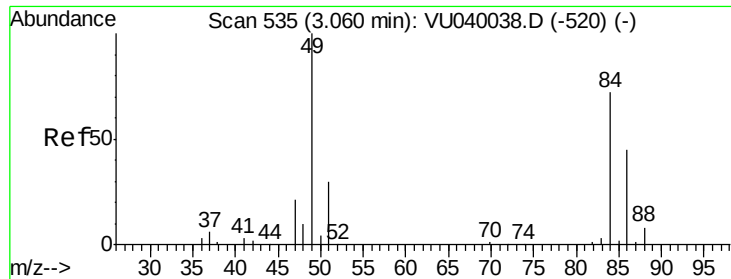
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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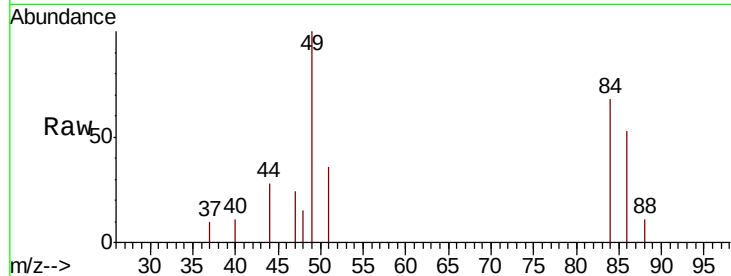




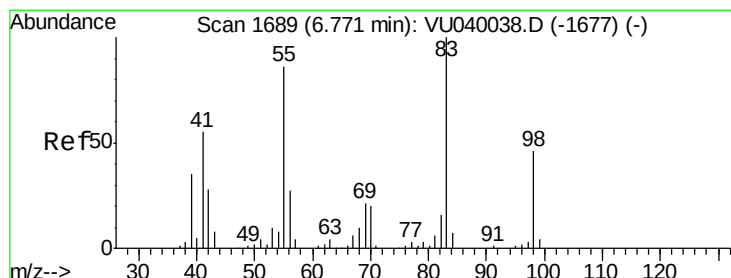
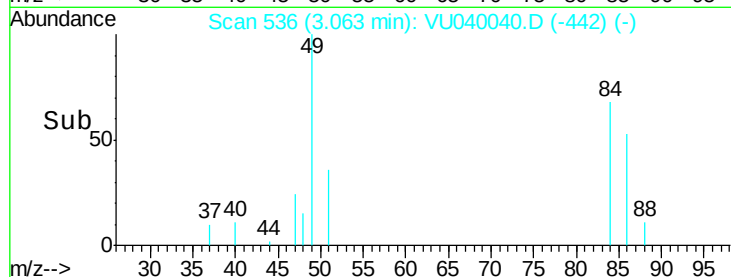
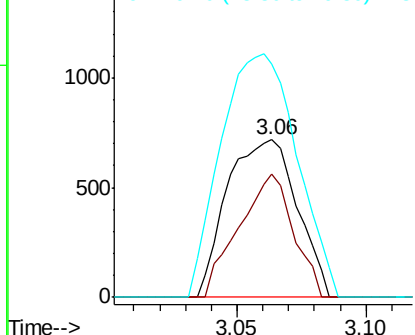
#16
Methvlene chloride
Concen: 0.115 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040040.D
Acq: 04 Sep 2020 11:55

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 1358
Ion Ratio Lower Upper
84 100
86 78.2 45.2 84.0
49 148.0 104.0 193.2

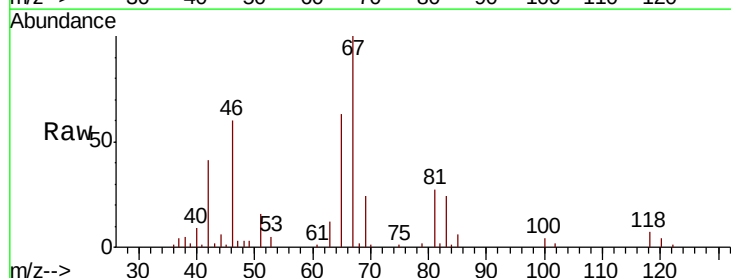


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

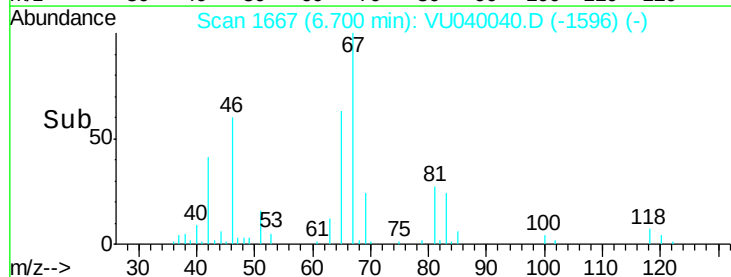
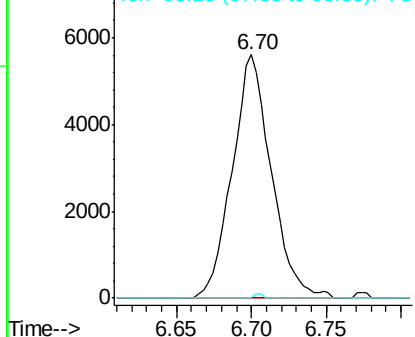


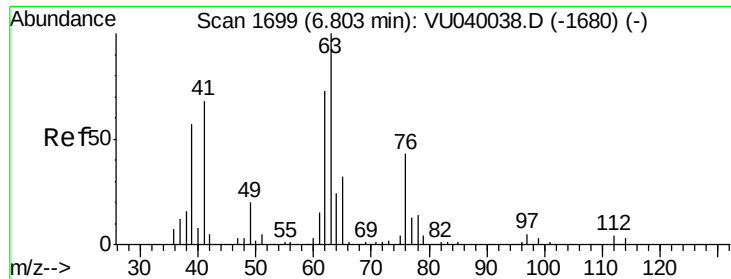
#35
Methylcyclohexane
Concen: 0.605 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040040.D
Acq: 04 Sep 2020 11:55

Tgt Ion: 83 Resp: 10193
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.4 37.8 56.6#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

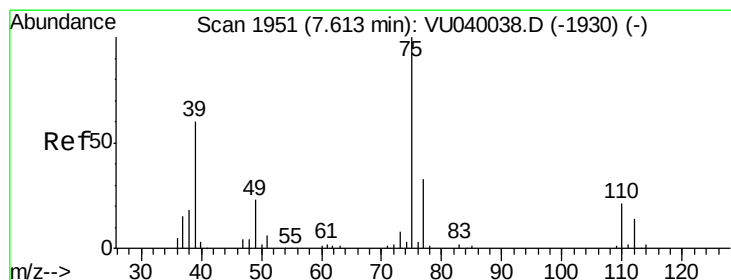
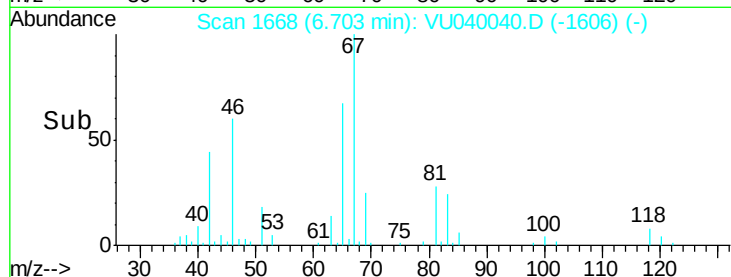
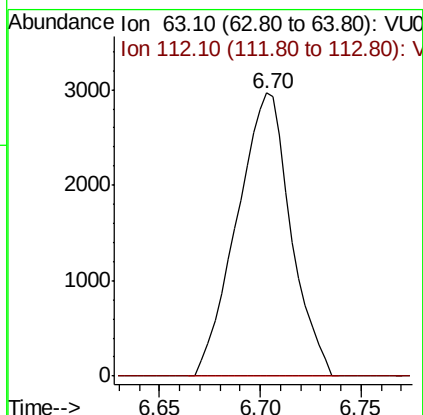
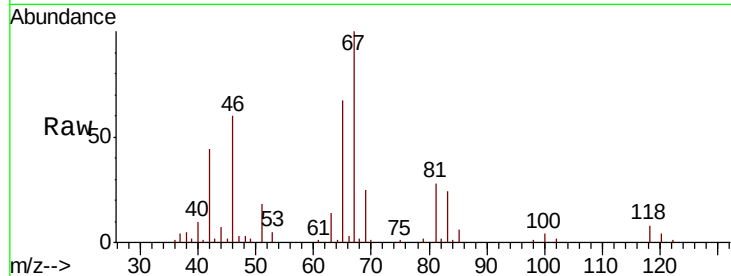




#37
 1,2-Dichloropropane
 Concen: 0.498 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040040.D
 Acq: 04 Sep 2020 11:55

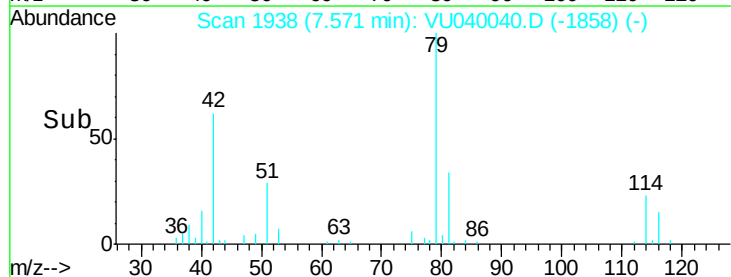
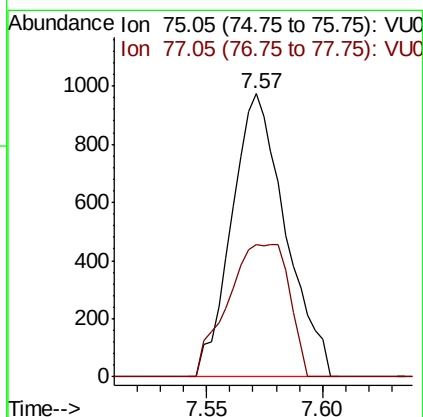
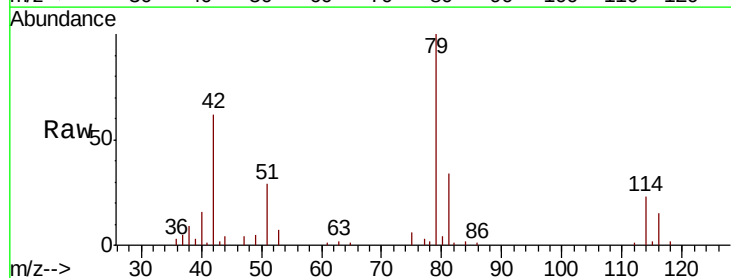
Instrument :
 MSVOA_U
 ClientSampleId :

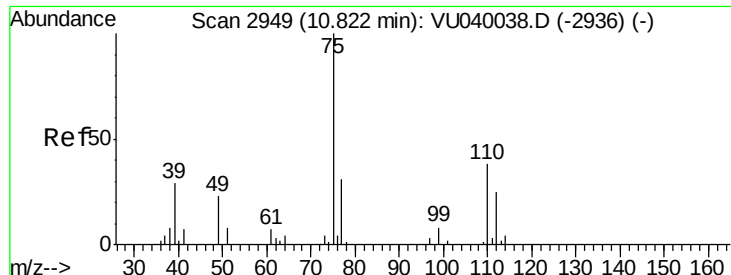
Tot Ion: 63 Resp: 5527
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040040.D
 Acq: 04 Sep 2020 11:55

Tgt Ion: 75 Resp: 1570
 Ion Ratio Lower Upper
 75 100
 77 46.9 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 1.035 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040040.D

Acq: 04 Sep 2020 11:55

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 8517

Ion Ratio Lower Upper

75 100

77 39.5 24.9 37.3#

