

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U090420\
 Data File : VU040044.D
 Acq On : 04 Sep 2020 14:04
 Operator : SY/MD
 Sample : L3891-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 05 02:59:14 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	110020	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111740	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50461	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29079	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.92	69	27300	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.58	63	52594	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.65	46	140871	58.63	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.26%
24) Chloroform-d	5.08	84	73902	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.72	65	46159	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.74	84	136802	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.70	67	46334	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.91	98	114330	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.19	79	18855	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.64	63	101487	54.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40788	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	46611	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

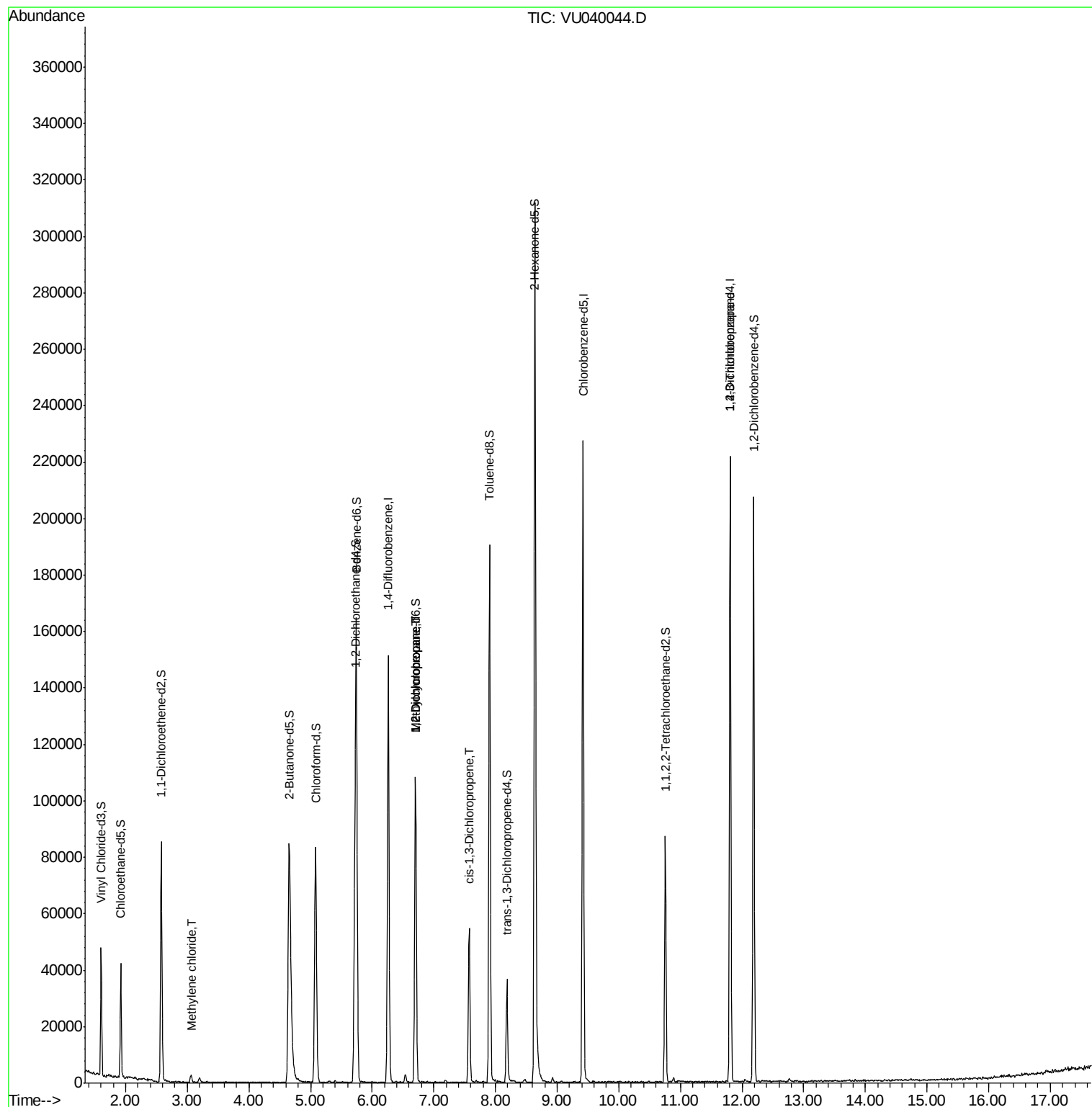
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	1441	0.129	ug/L	79
35) Methylcyclohexane	6.70	83	11027	0.672	ug/L #	16
37) 1,2-Dichloropropane	6.70	63	5932	0.548	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1326	0.083	ug/L #	35
59) 1,2,3-Trichloropropane	11.81	75	7816	0.975	ug/L #	89

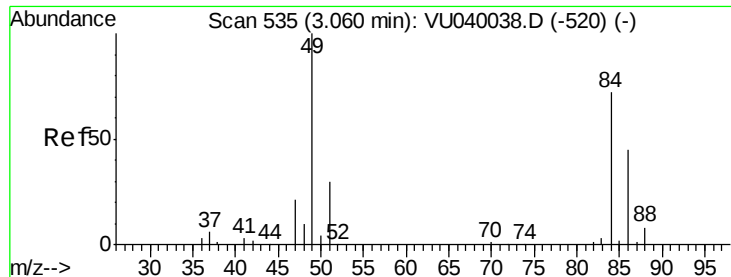
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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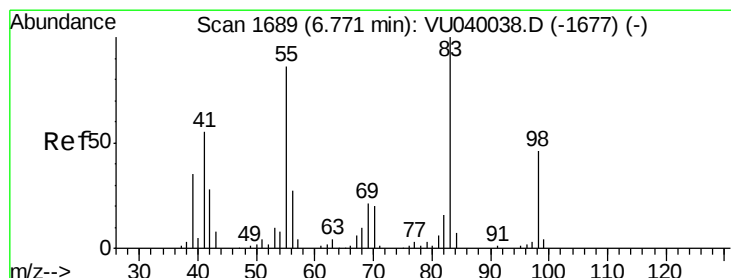
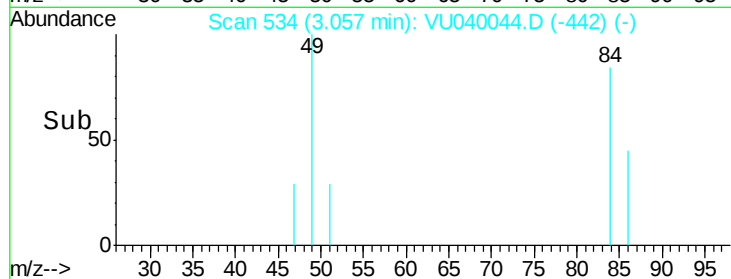
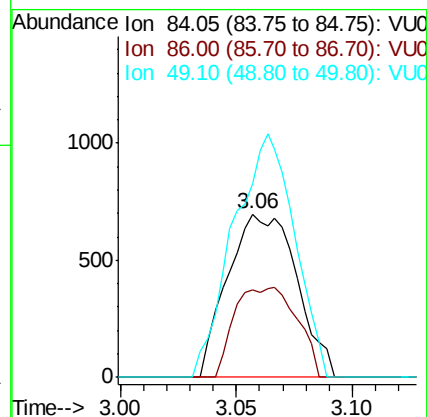
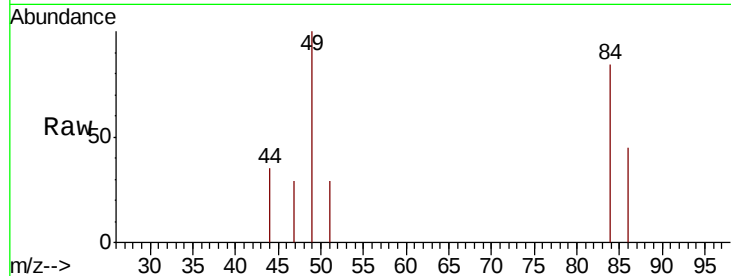




#16
Methylene chloride
Concen: 0.129 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU040044.D
Acq: 04 Sep 2020 14:04

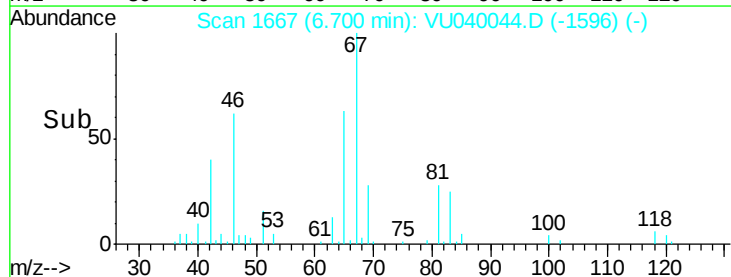
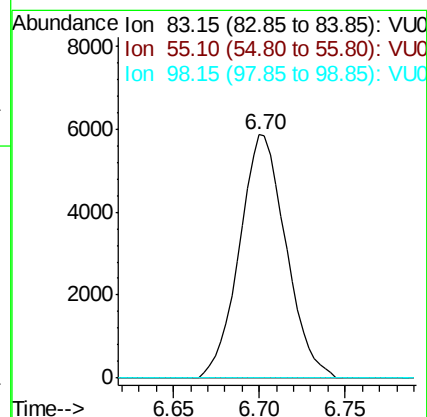
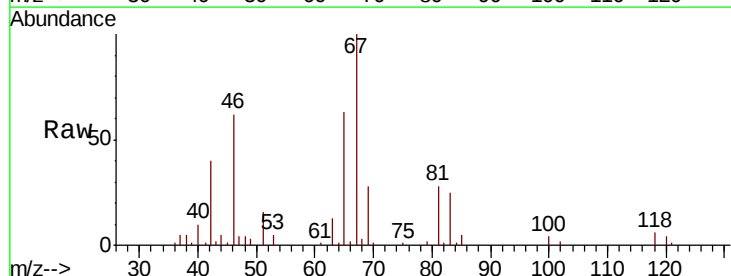
Instrument :
MSVOA_U
ClientSampled :

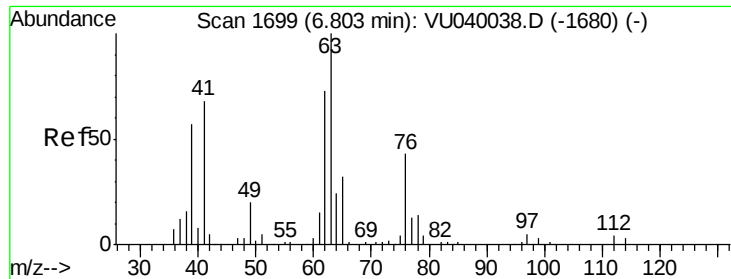
Tot Ion: 84 Resp: 1441
Ion Ratio Lower Upper
84 100
86 53.7 45.2 84.0
49 118.7 104.0 193.2



#35
Methylcyclohexane
Concen: 0.672 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040044.D
Acq: 04 Sep 2020 14:04

Tgt Ion: 83 Resp: 11027
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 3.9 37.8 56.6#

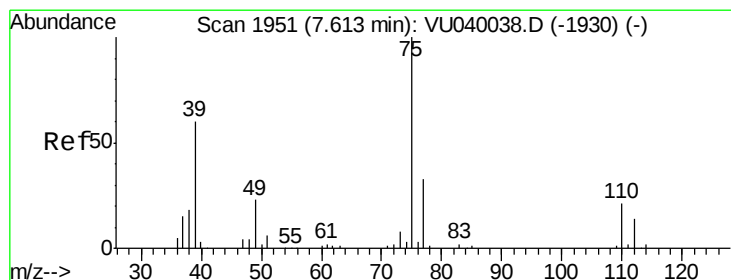
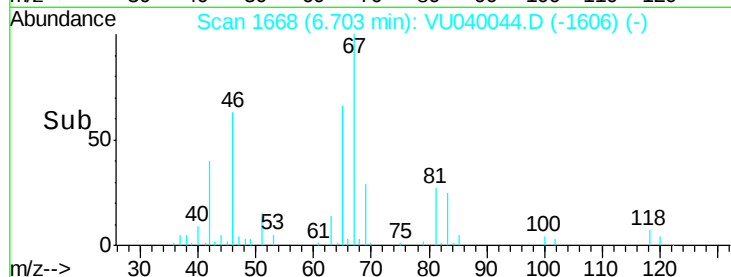
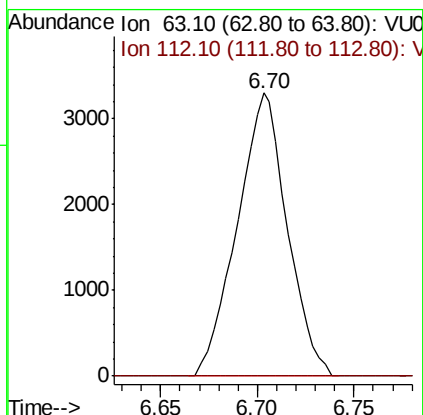
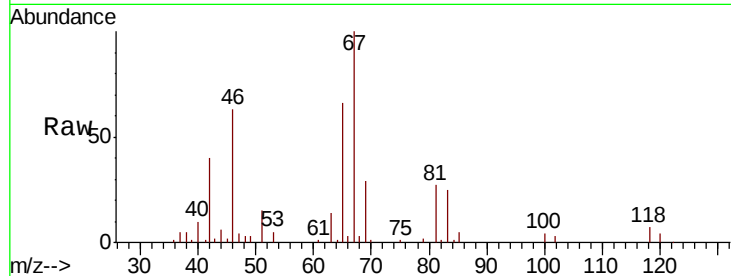




#37
 1,2-Dichloropropane
 Concen: 0.548 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040044.D
 Acq: 04 Sep 2020 14:04

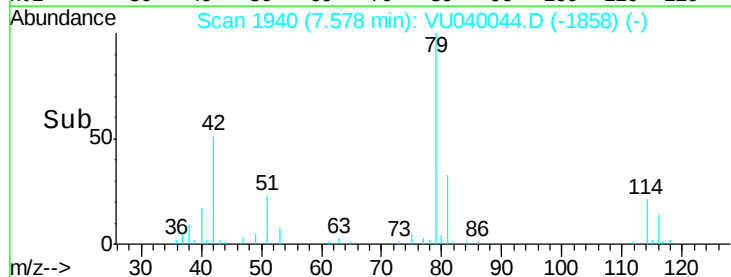
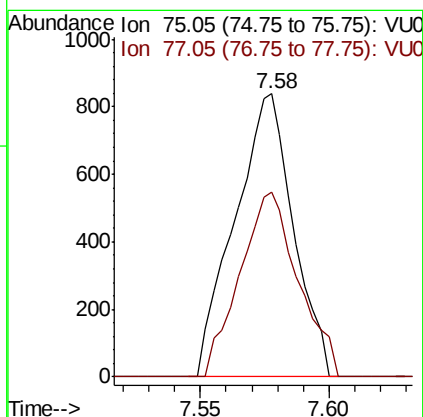
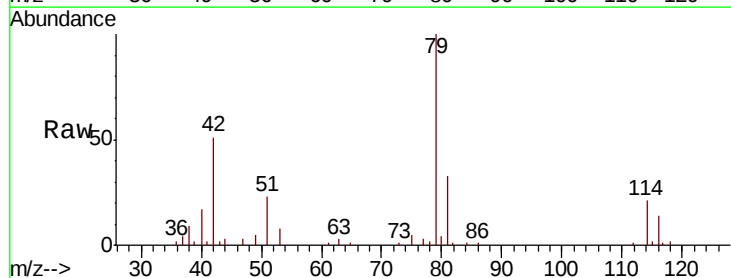
Instrument :
 MSVOA_U
 ClientSampleId :

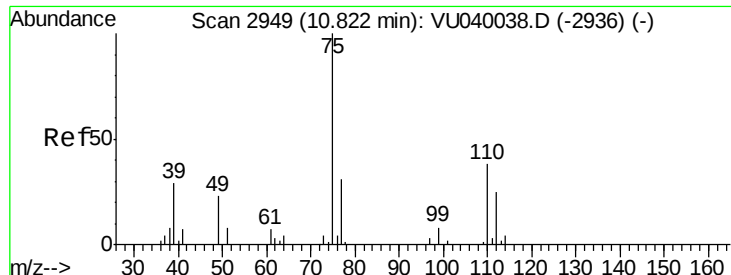
Tot Ion: 63 Resp: 5932
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040044.D
 Acq: 04 Sep 2020 14:04

Tgt Ion: 75 Resp: 1326
 Ion Ratio Lower Upper
 75 100
 77 65.4 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 0.975 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040044.D

Acq: 04 Sep 2020 14:04

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7816

Ion Ratio Lower Upper

75 100

77 37.4 24.9 37.3#

