

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081420\
 Data File : VU039860.D
 Acq On : 14 Aug 2020 15:19
 Operator : SY/MD
 Sample : VU0814WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 17 05:24:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 05:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	80460	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	76064	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38009	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18113	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.92	69	19299	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.57	63	27436	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.66	46	92486	48.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.80%
24) Chloroform-d	5.08	84	44205	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.72	65	28585	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.74	84	80952	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.70	67	28533	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.90	98	66859	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.19	79	11334	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.64	63	67805	52.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25625	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	31627	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

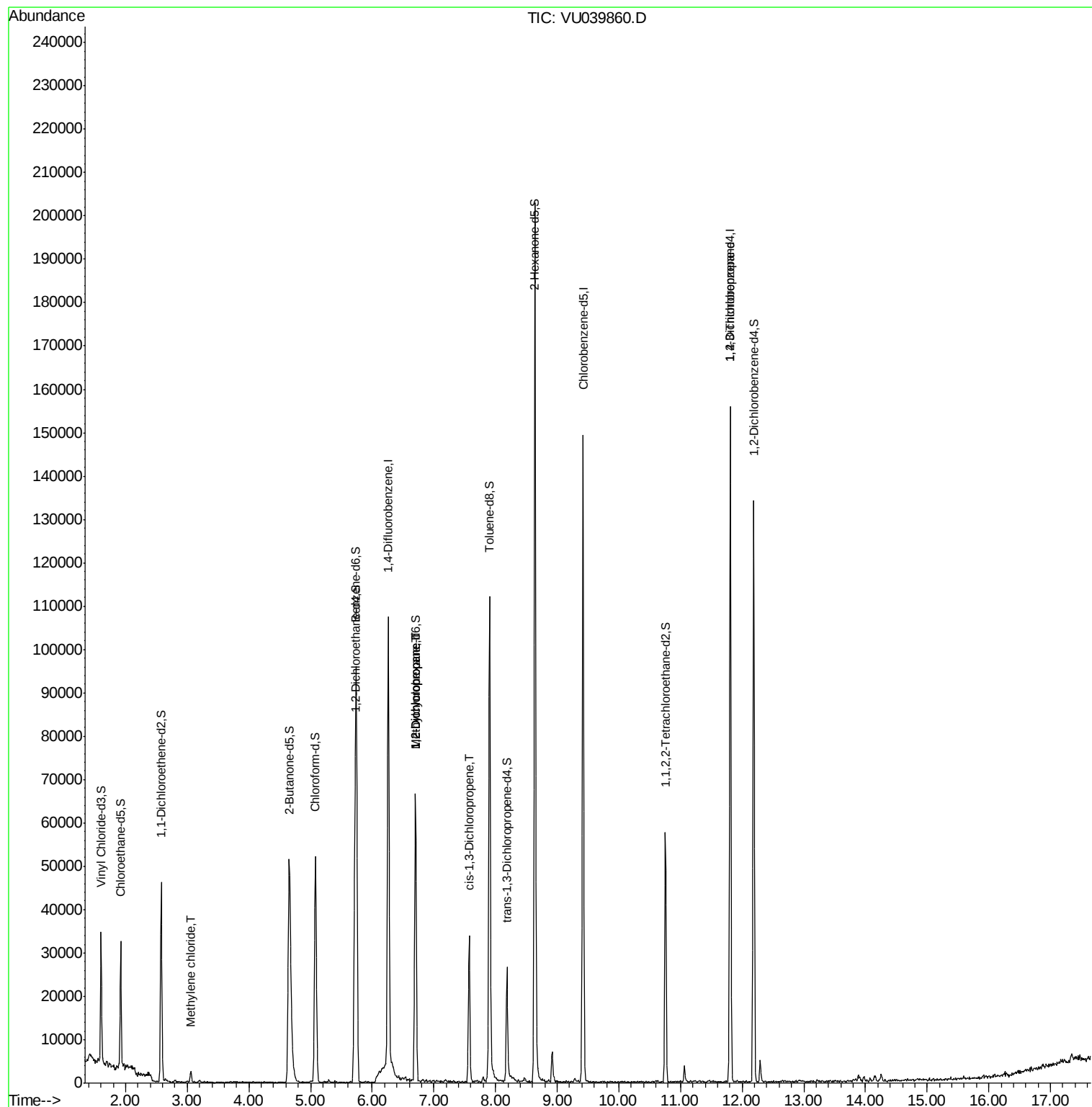
					Ovalue
16) Methylene chloride	3.06	84	1235	0.160 ug/L #	89
35) Methylcyclohexane	6.70	83	6818	0.794 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3290	0.598 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	761	0.101 ug/L #	14
59) 1,2,3-Trichloropropane	11.81	75	5491	1.383 ug/L #	82

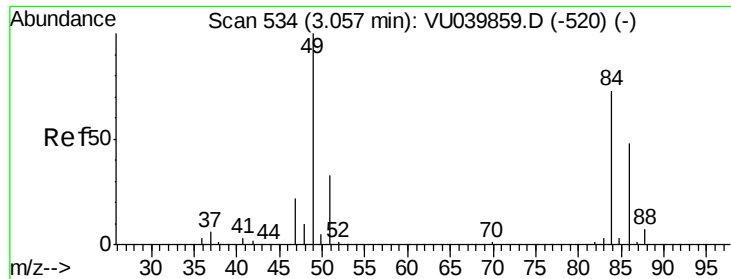
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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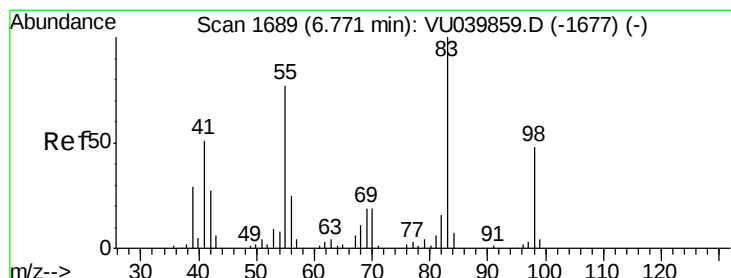
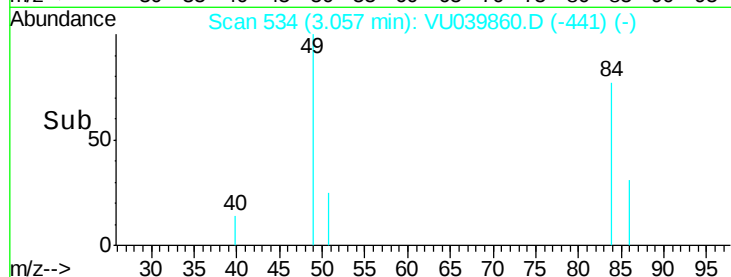
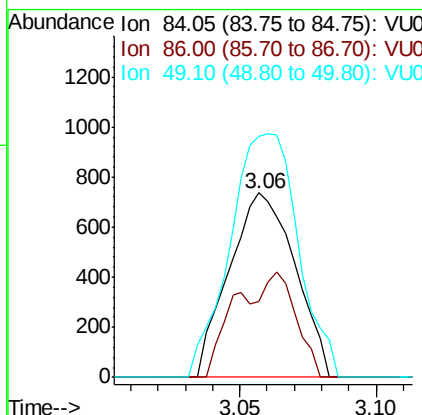
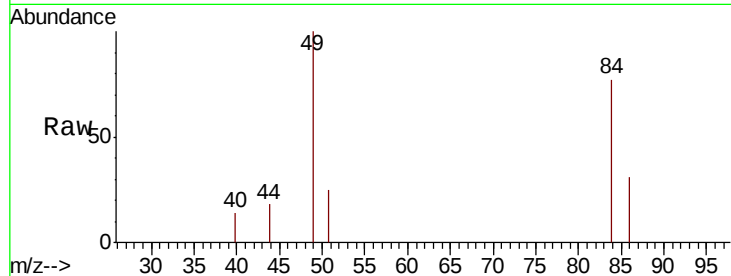




#16
Methvlene chloride
Concen: 0.160 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU039860.D
Acq: 14 Aug 2020 15:19

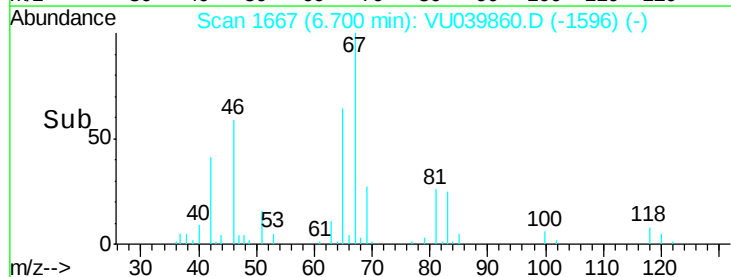
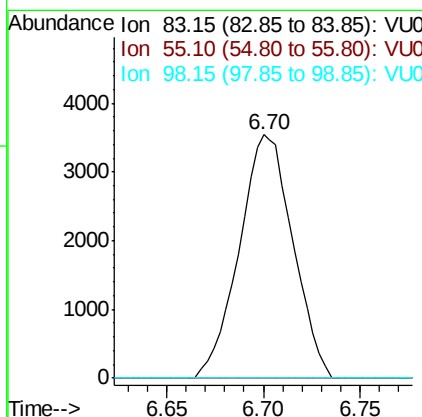
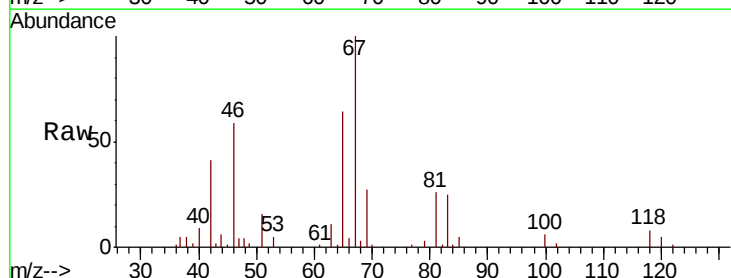
Instrument :
MSVOA_U
ClientSampled :

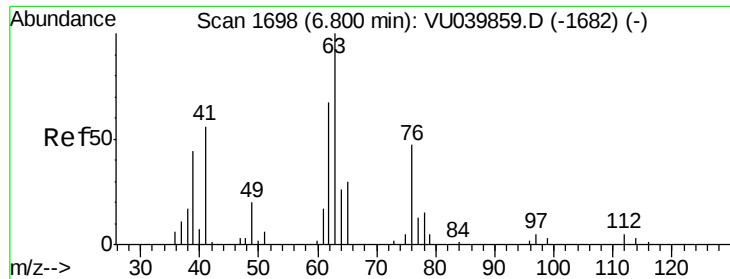
Tot Ion: 84 Resp: 1235
Ion Ratio Lower Upper
84 100
86 41.2 43.9 81.5#
49 130.7 94.4 175.4



#35
Methylcyclohexane
Concen: 0.794 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU039860.D
Acq: 14 Aug 2020 15:19

Tgt Ion: 83 Resp: 6818
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.0 39.0 58.4#

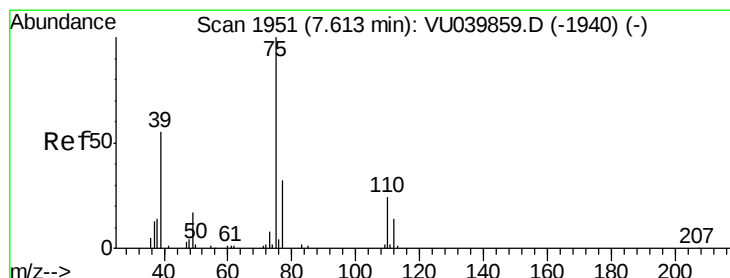
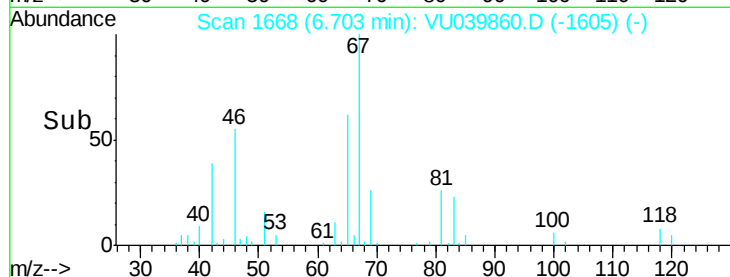
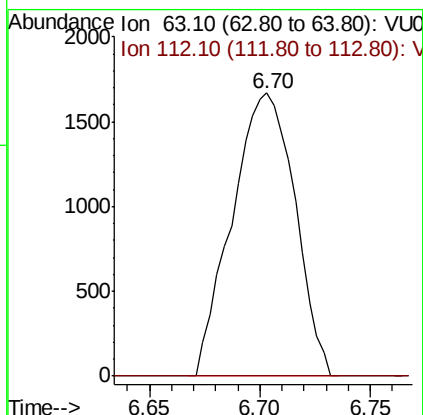
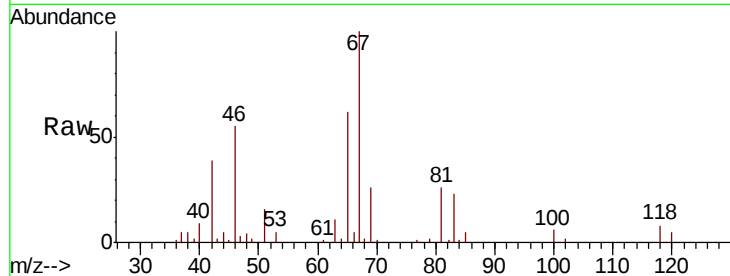




#37
 1,2-Dichloropropane
 Concen: 0.598 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039860.D
 Acq: 14 Aug 2020 15:19

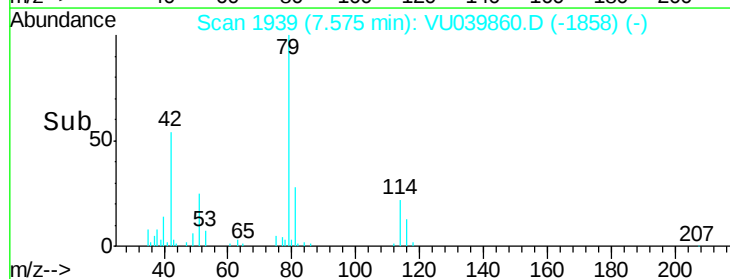
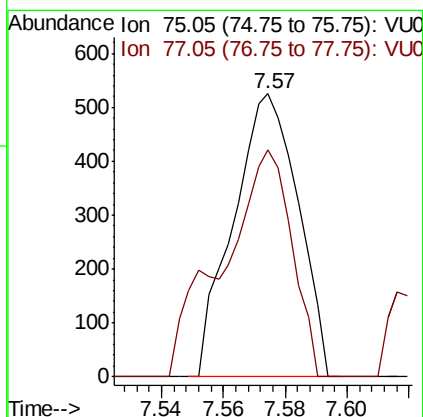
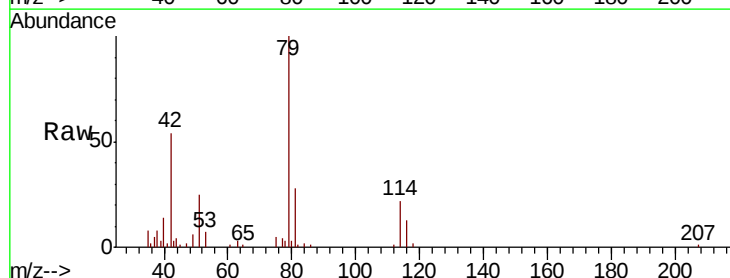
Instrument :
 MSVOA_U
 ClientSampled :

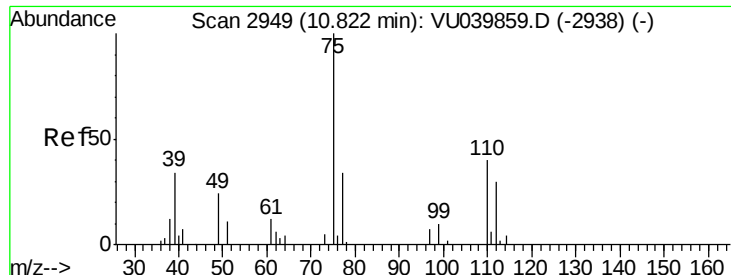
Tot Ion: 63 Resp: 3290
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039860.D
 Acq: 14 Aug 2020 15:19

Tgt Ion: 75 Resp: 761
 Ion Ratio Lower Upper
 75 100
 77 80.0 22.4 41.6#





#59

1,2,3-Trichloropropane

Concen: 1.383 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039860.D

Acq: 14 Aug 2020 15:19

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 5491

Ion Ratio Lower Upper

75 100

77 40.8 24.6 37.0#

