

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061620\
 Data File : VU038918.D
 Acq On : 16 Jun 2020 12:50
 Operator : SY/MD
 Sample : VU0616WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK12

Quant Time: Jun 17 02:01:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 17 02:00:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	342850	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	341150	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161420	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71303	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.93	69	64299	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.59	63	125534	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.69	46	293135	47.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.82%
24) Chloroform-d	5.10	84	178592	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.74	65	106655	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.76	84	340586	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.72	67	106362	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.92	98	290991	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.20	79	42192	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.66	63	236144	45.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94085	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	122721	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

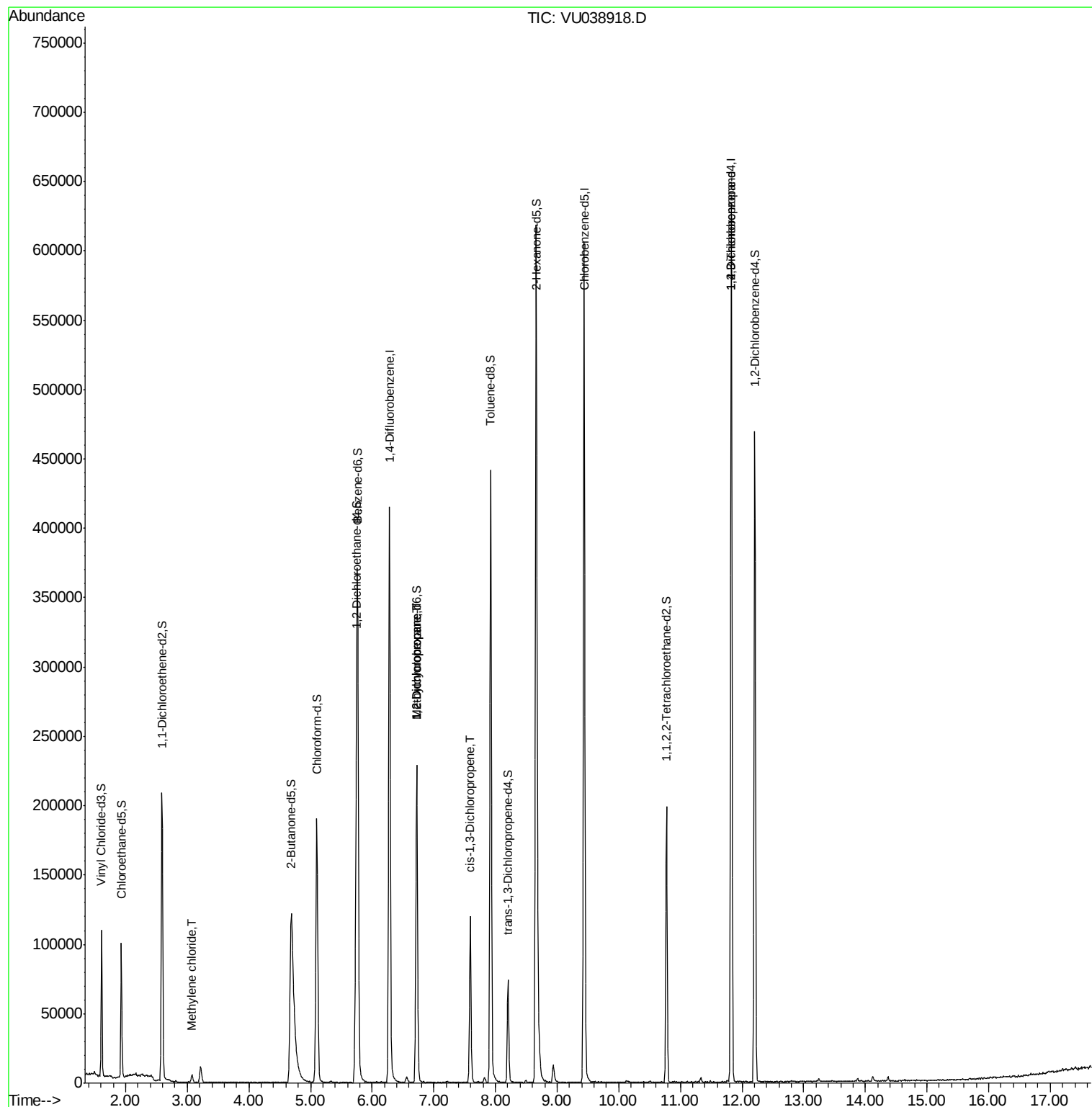
					Ovalue
16) Methylene chloride	3.08	84	2501	0.090 ug/L	94
35) Methylcyclohexane	6.72	83	25530	0.648 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12376	0.473 ug/L #	85
39) cis-1,3-Dichloropropene	7.59	75	3061	0.082 ug/L #	60
59) 1,2,3-Trichloropropane	11.83	75	21278	1.056 ug/L	96

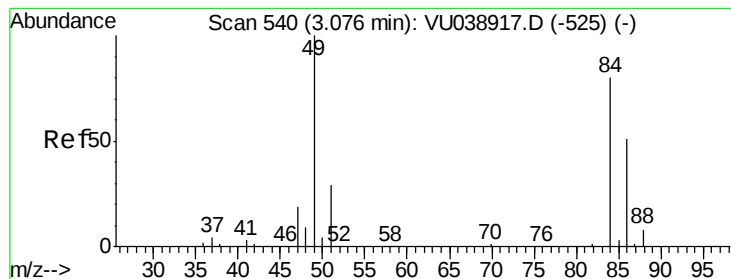
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 17 02:00:04 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.090 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU038918.D

Acq: 16 Jun 2020 12:50

Instrument :

MSVOA_U

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VBLK12

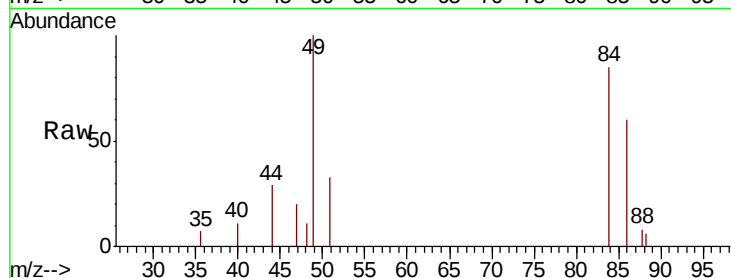
Tot Ion: 84 Resp: 2501

Ion Ratio Lower Upper

84 100

86 70.6 47.9 89.1

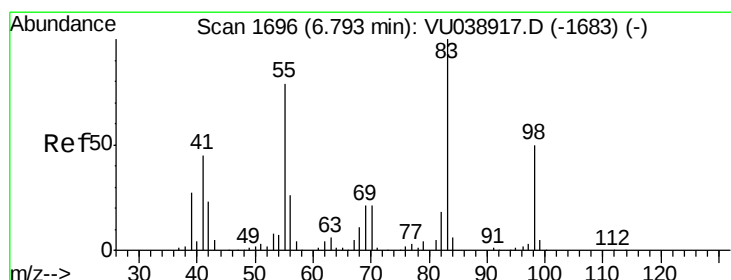
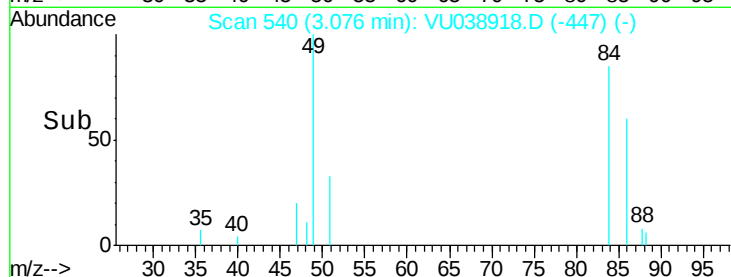
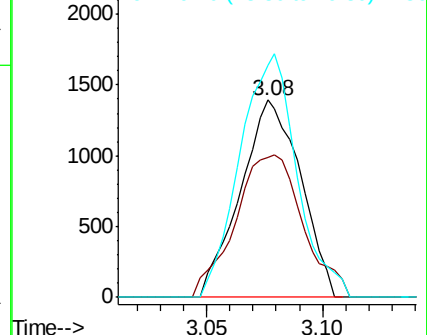
49 117.8 88.4 164.2



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: 0.648 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038918.D

Acq: 16 Jun 2020 12:50

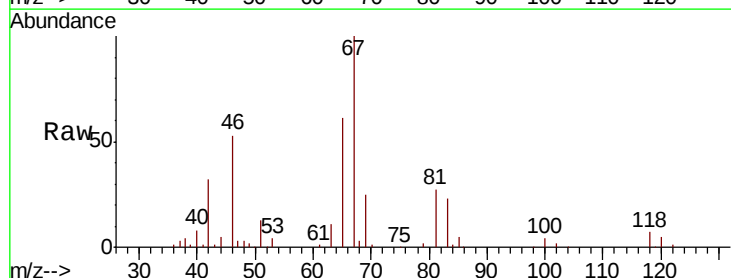
Tgt Ion: 83 Resp: 25530

Ion Ratio Lower Upper

83 100

55 0.1 63.6 95.4#

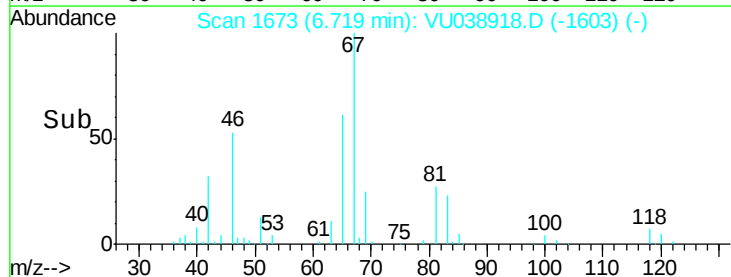
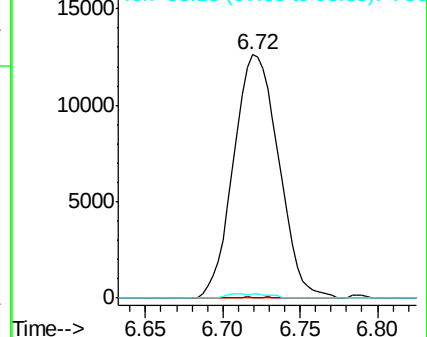
98 0.8 38.9 58.3#

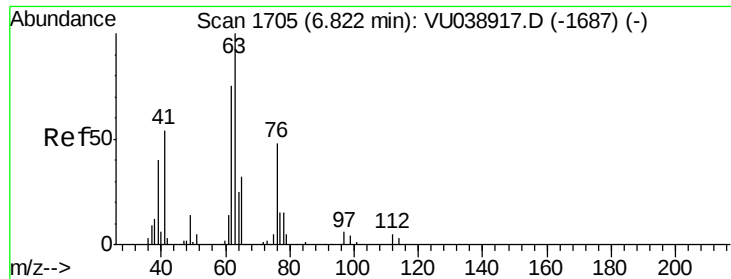


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

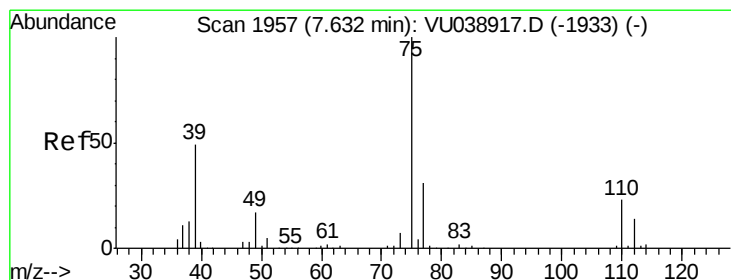
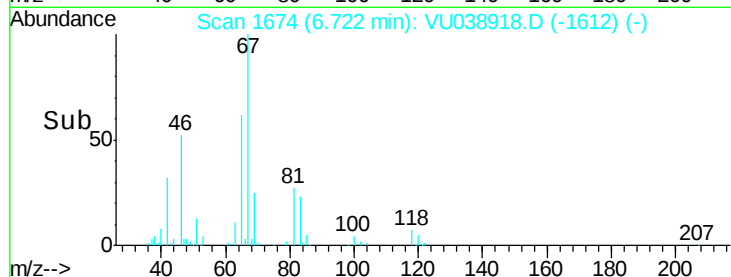
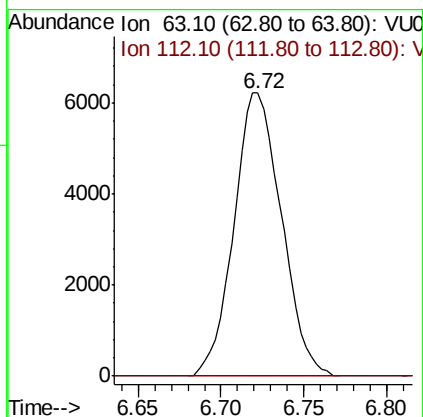
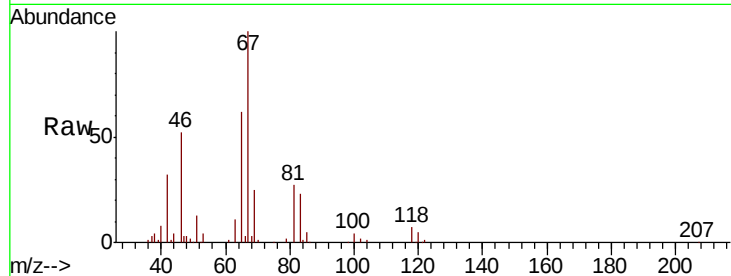




#37
 1,2-Dichloropropane
 Concen: 0.473 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038918.D
 Acq: 16 Jun 2020 12:50

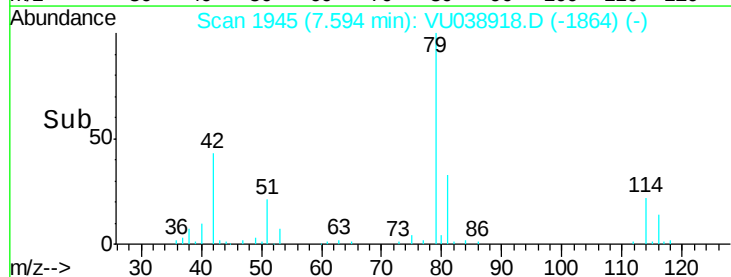
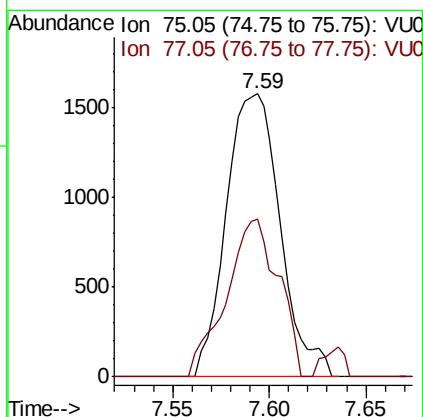
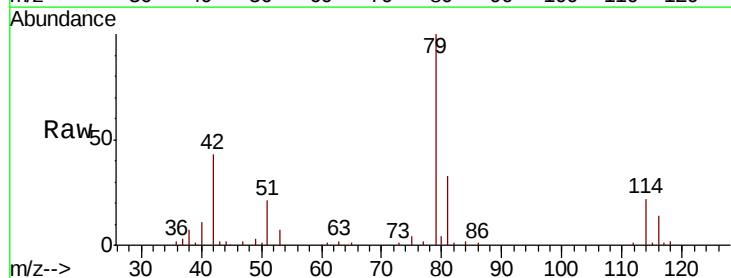
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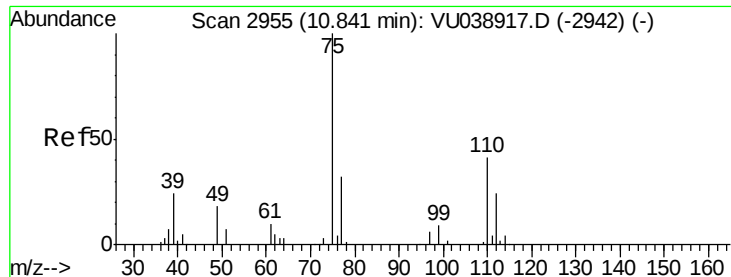
Tot Ion: 63 Resp: 12376
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038918.D
 Acq: 16 Jun 2020 12:50

Tgt Ion: 75 Resp: 3061
 Ion Ratio Lower Upper
 75 100
 77 55.6 23.0 42.6#





#59

1,2,3-Trichloropropane

Concen: 1.056 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038918.D

Acq: 16 Jun 2020 12:50

Instrument :

MSVOA_U

ClientSampleId :

VBLK12

Tot Ion: 75 Resp: 21278

Ion Ratio Lower Upper

75 100

77 34.6 25.9 38.9

