

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062620\
 Data File : VU039163.D
 Acq On : 26 Jun 2020 14:40
 Operator : SY/MD
 Sample : L3110-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jun 26 23:55:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 23:52:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	234298	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	238452	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	103244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	67199	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.93	69	67857	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.59	63	107338	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.68	46	373629	60.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.68%
24) Chloroform-d	5.10	84	171193	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.74	65	108840	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.76	84	306230	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.72	67	107455	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.92	98	227708	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.20	79	42186	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.66	63	271200	54.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101390	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	100030	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

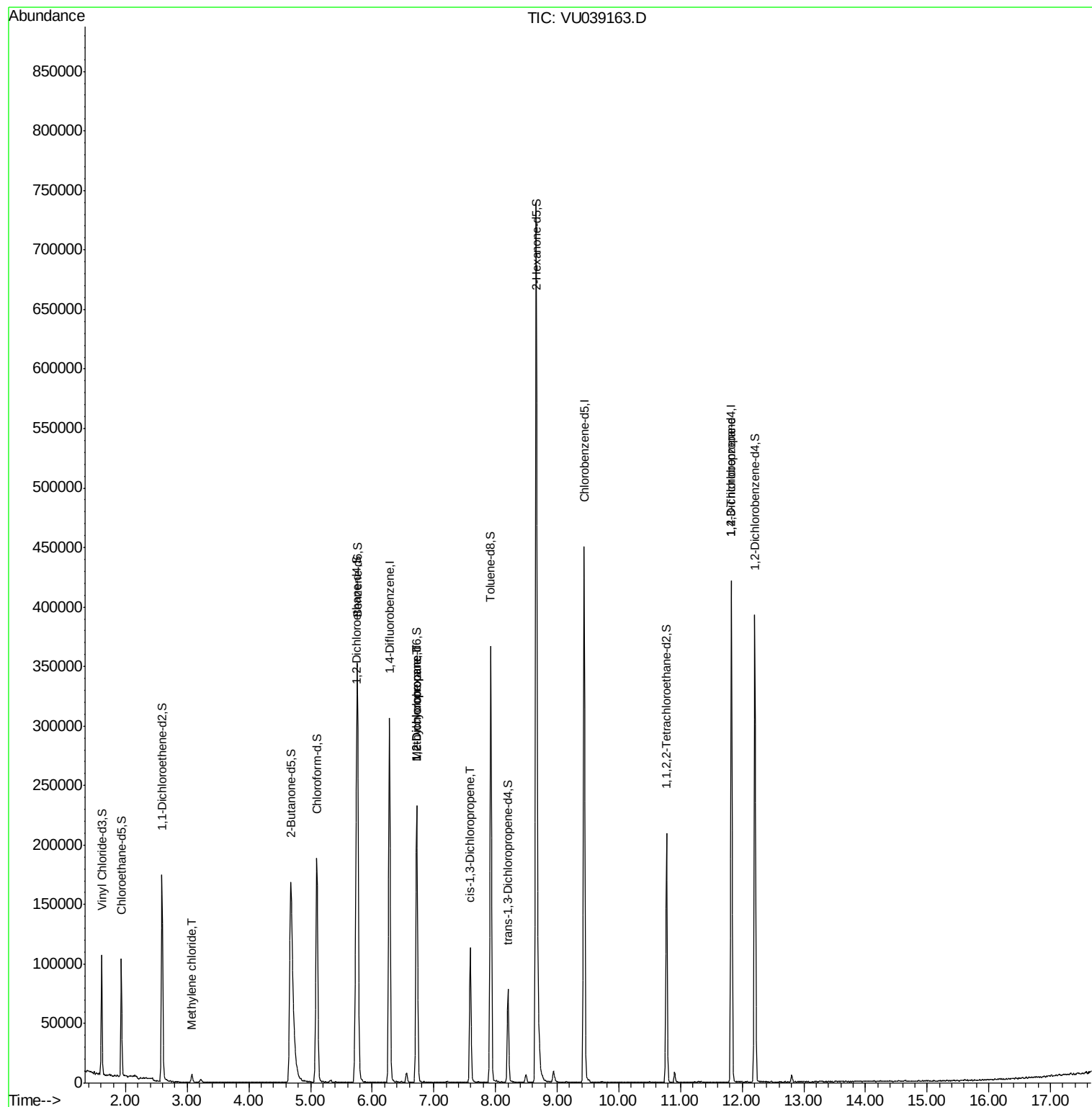
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	2782	0.139	ug/L	91
35) Methylcyclohexane	6.72	83	25232	0.938	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11287	0.556	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2977	0.106	ug/L #	43
59) 1,2,3-Trichloropropane	11.83	75	15106	0.987	ug/L	93

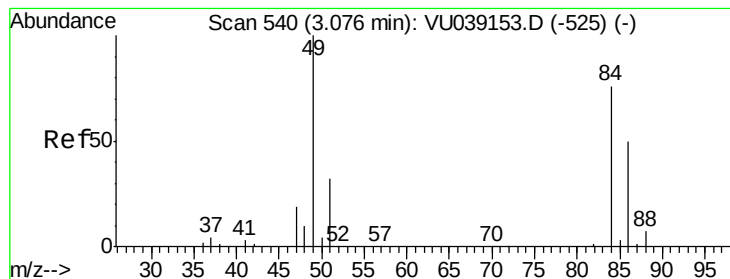
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.139 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU039163.D

Acq: 26 Jun 2020 14:40

Instrument :

MSVOA_U

ClientSampled :

VHBLK01

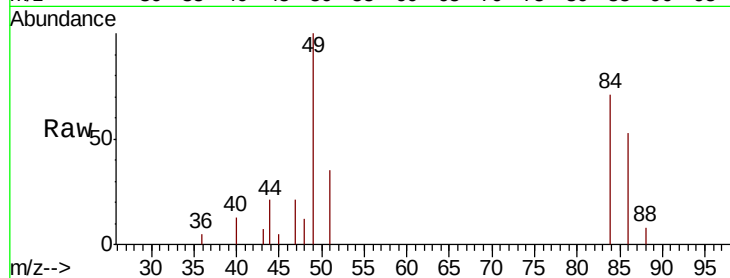
Tot Ion: 84 Resp: 2782

Ion Ratio Lower Upper

84 100

86 74.4 44.1 81.9

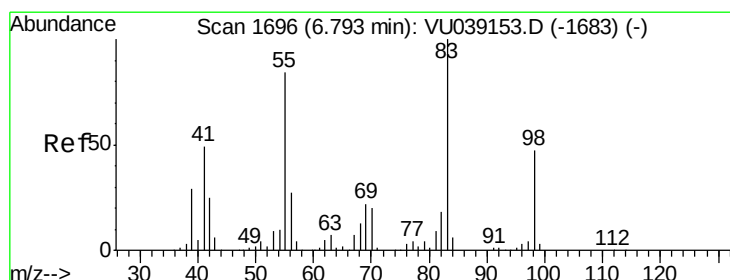
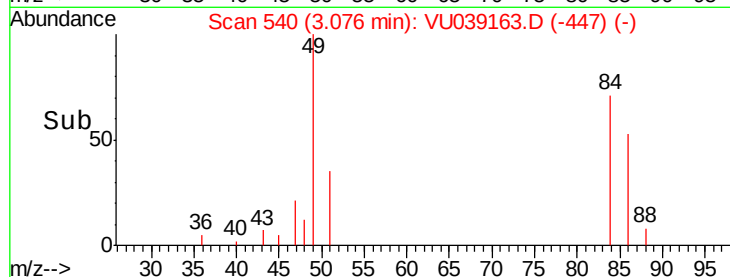
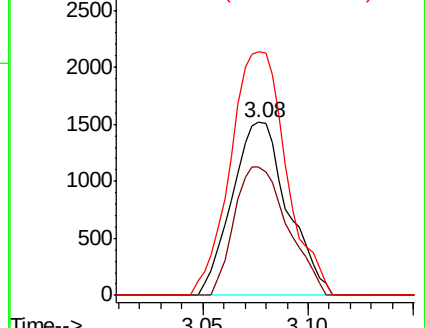
49 141.0 93.1 172.9



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: 0.938 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039163.D

Acq: 26 Jun 2020 14:40

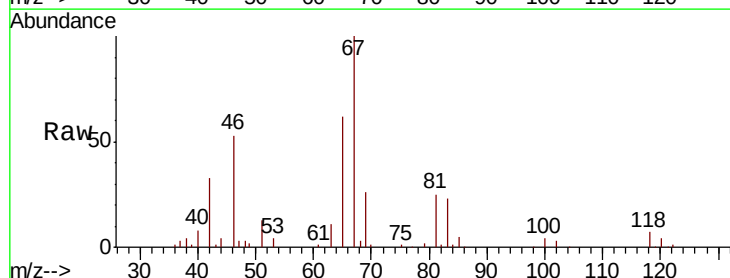
Tgt Ion: 83 Resp: 25232

Ion Ratio Lower Upper

83 100

55 0.2 65.5 98.3#

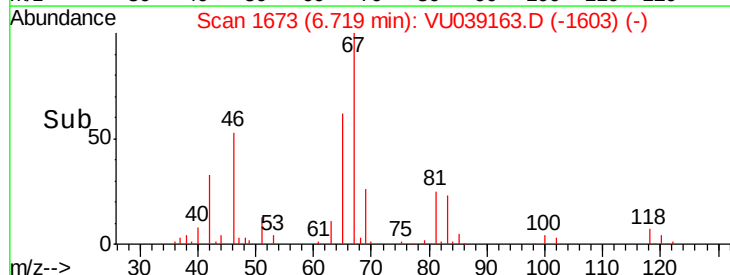
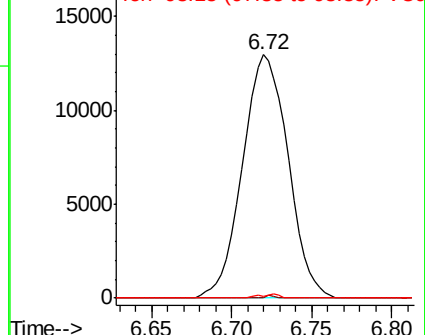
98 0.7 36.5 54.7#

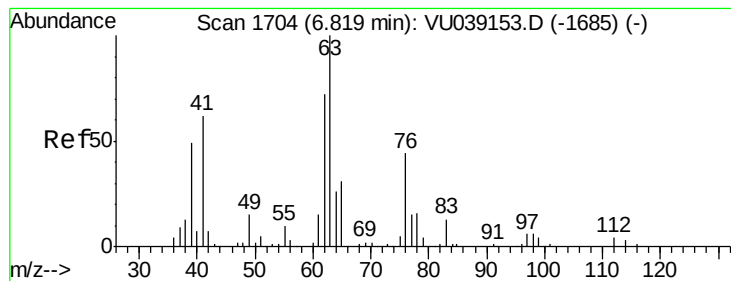


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.556 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU039163.D

Acq: 26 Jun 2020 14:40

Instrument :

MSVOA_U

ClientSampleId :

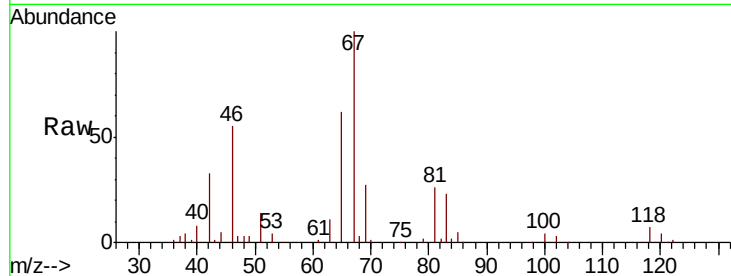
VHBLK01

Tot Ion: 63 Resp: 11287

Ion Ratio Lower Upper

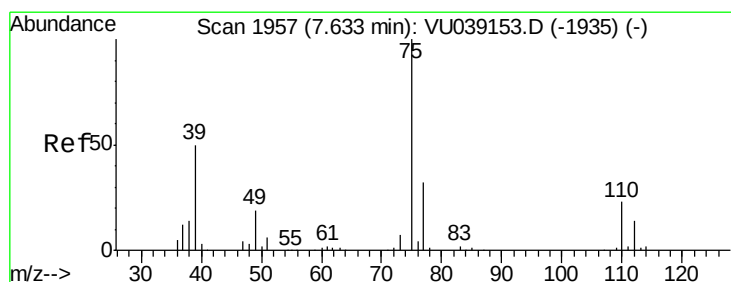
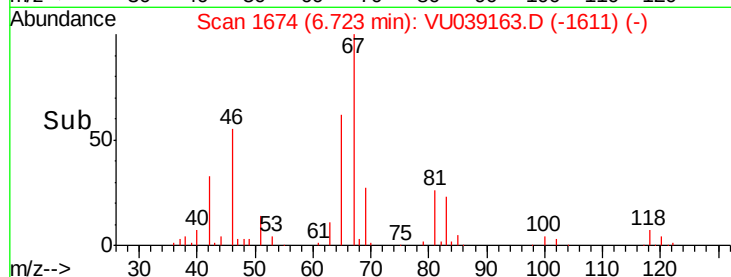
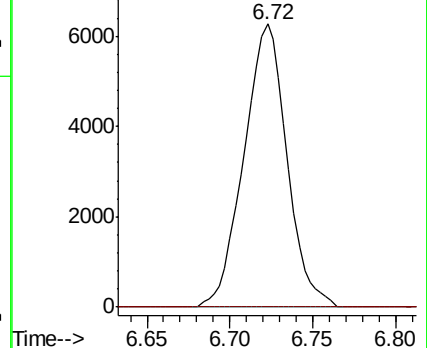
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039163.D (-1674) (-)

Ion 112.10 (111.80 to 112.80): VU039163.D (-1674) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU039163.D

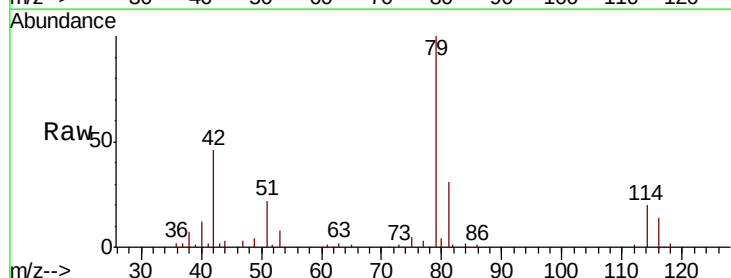
Acq: 26 Jun 2020 14:40

Tgt Ion: 75 Resp: 2977

Ion Ratio Lower Upper

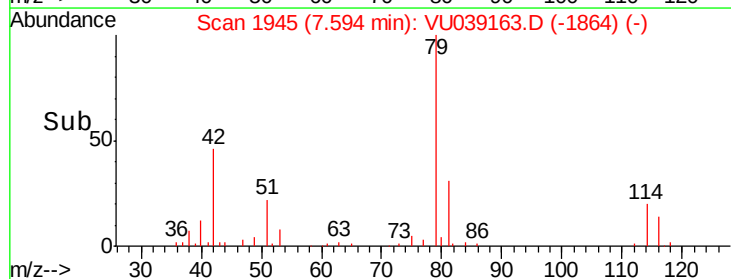
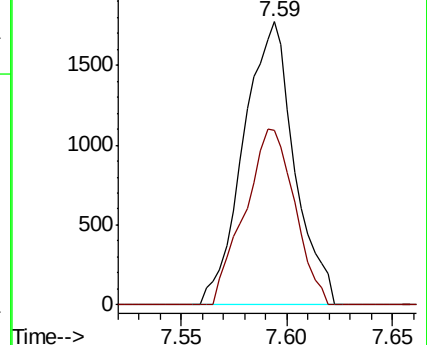
75 100

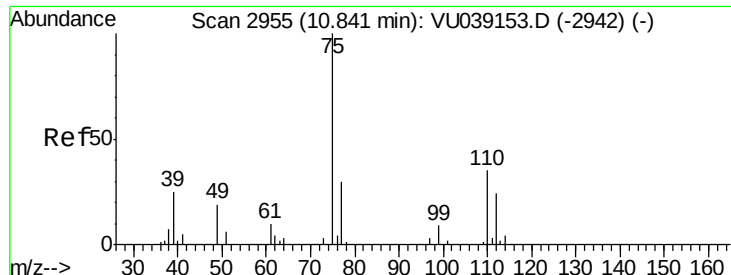
77 61.9 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039163.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU039163.D (-1864) (-)





#59

1,2,3-Trichloropropane

Concen: 0.987 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU039163.D

Acq: 26 Jun 2020 14:40

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 15106

Ion Ratio Lower Upper

75 100

77 36.4 26.2 39.2

