

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039781.D
 Acq On : 07 Aug 2020 12:52
 Operator : SY/MD
 Sample : L3572-22
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 03:33:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	78091	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73678	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33126	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	19125	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.92	69	21230	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.58	63	28405	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.65	46	86404	46.59	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.18%
24) Chloroform-d	5.08	84	47749	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.72	65	29535	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.75	84	86624	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.70	67	29081	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.91	98	67222	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.19	79	9148	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.64	63	60413	48.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27063	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	30871	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

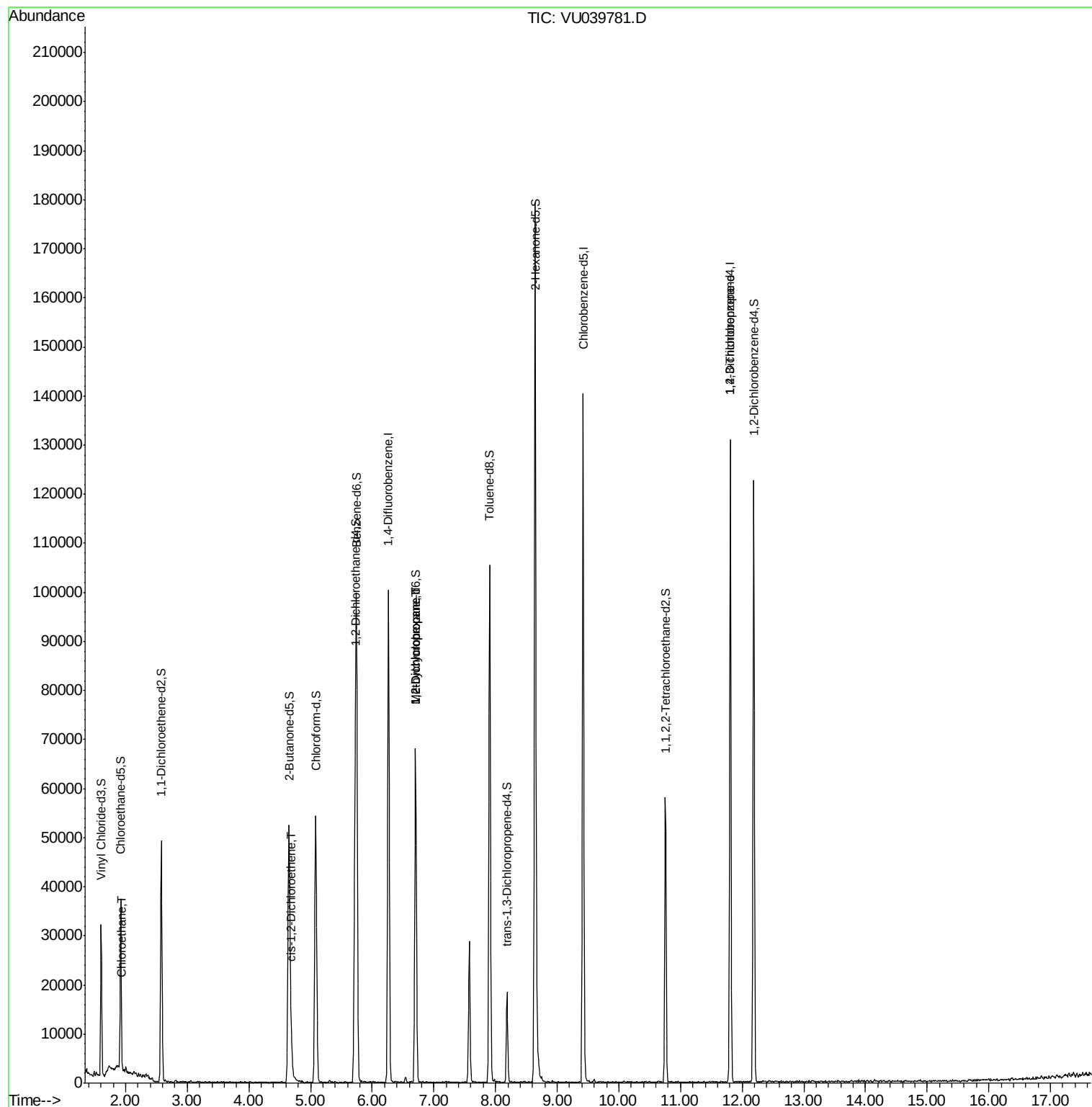
					Ovalue
8) Chloroethane	1.94	64	488	0.105 ug/L #	43
22) cis-1,2-Dichloroethene	4.69	96	1040	0.184 ug/L	76
35) Methylcyclohexane	6.70	83	7290	0.876 ug/L #	21
37) 1,2-Dichloropropane	6.70	63	3375	0.633 ug/L #	86
59) 1,2,3-Trichloropropane	11.81	75	4579	1.191 ug/L #	87

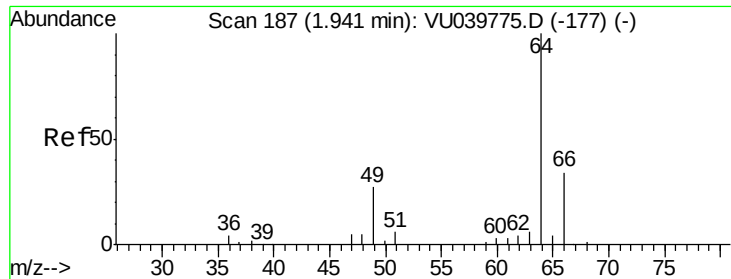
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.105 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU039781.D

Acq: 07 Aug 2020 12:52

Instrument :

MSVOA_U

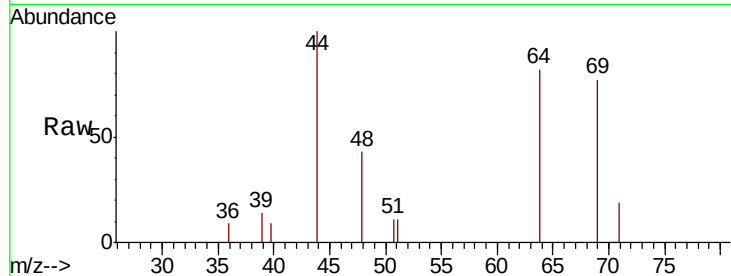
ClientSampleId :

Tot Ion: 64 Resp: 488

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.3#



Abundance Ion 64.10 (63.80 to 64.80): VU039775.D (-177) (-)

Ion 66.05 (65.75 to 66.75): VU039775.D (-177) (-)

1.94

1000

800

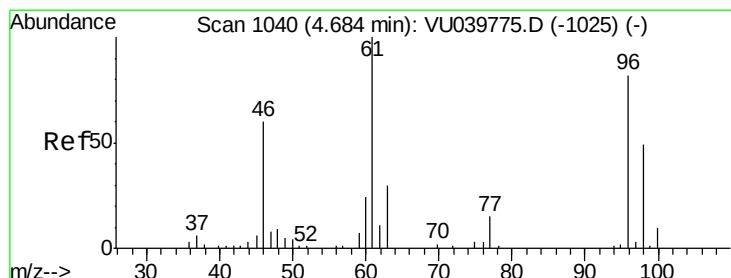
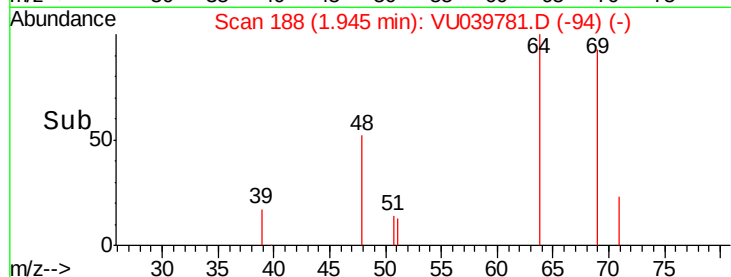
600

400

200

0

Time--> 1.92 1.94 1.96



#22

cis-1,2-Dichloroethene

Concen: 0.184 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU039781.D

Acq: 07 Aug 2020 12:52

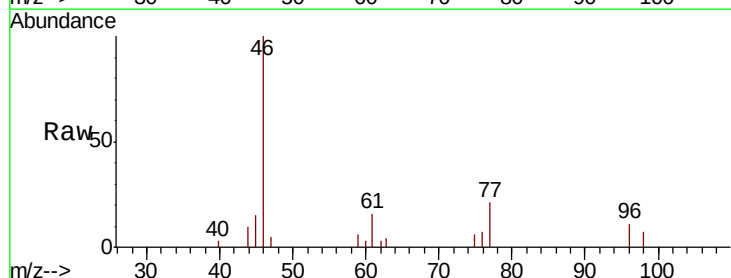
Tgt Ion: 96 Resp: 1040

Ion Ratio Lower Upper

96 100

61 151.6 87.4 162.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039775.D (-1025) (-)

Ion 61.05 (60.75 to 61.75): VU039775.D (-1025) (-)

Ion 68.15 (67.85 to 68.85): VU039775.D (-1025) (-)

1000

800

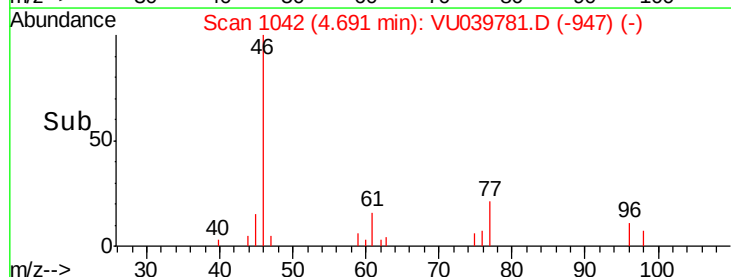
600

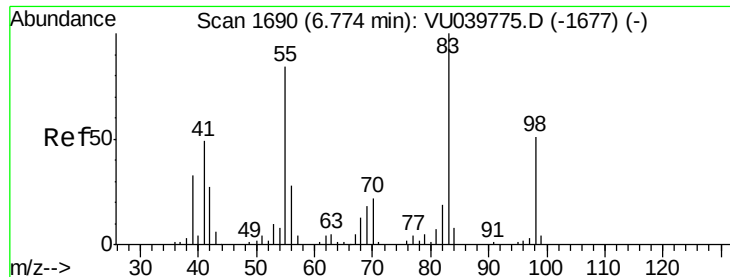
400

200

0

Time--> 4.65 4.70

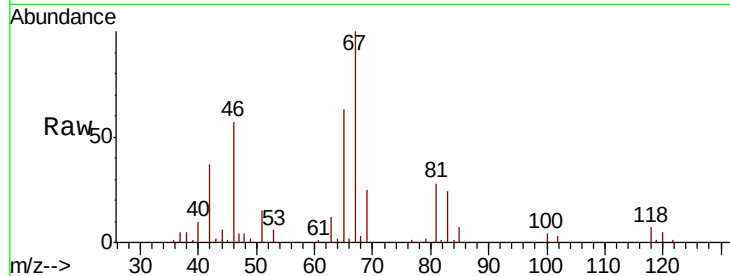




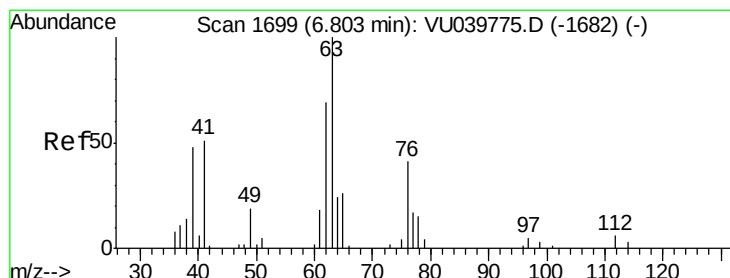
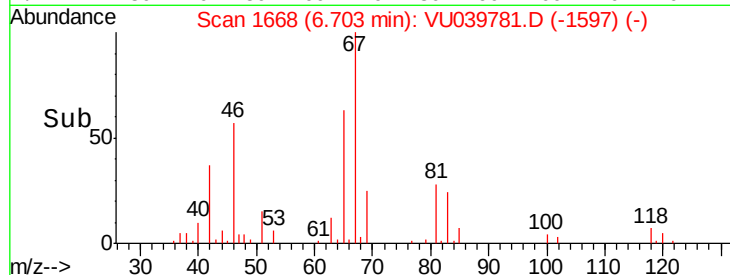
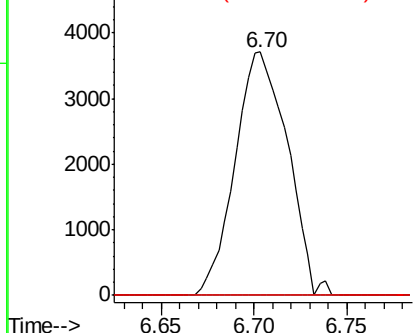
#35
Methylvlcyclohexane
Concen: 0.876 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039781.D
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Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 7290
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 3.2 39.0 58.4#

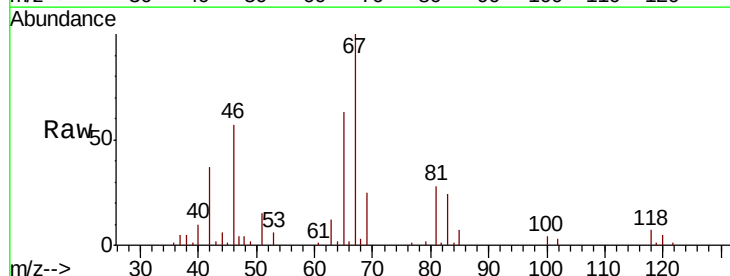


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

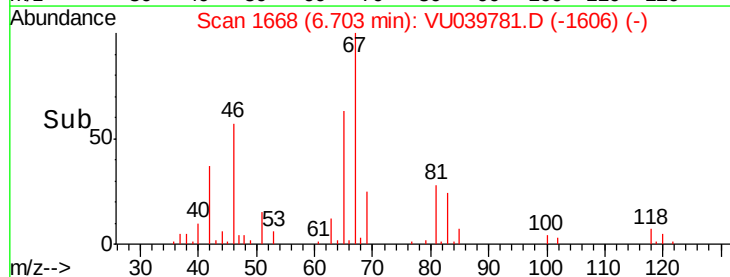
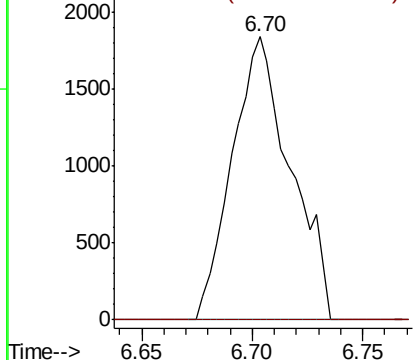


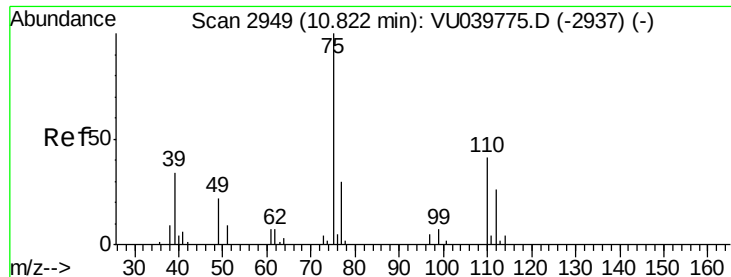
#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039781.D
Acq: 07 Aug 2020 12:52

Tgt Ion: 63 Resp: 3375
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#59

1,2,3-Trichloropropane

Concen: 1.191 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039781.D

Acq: 07 Aug 2020 12:52

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 4579

Ion Ratio Lower Upper

75 100

77 38.1 24.6 37.0#

