

Data File : VU039833.D
Acq On : 10 Aug 2020 18:59
Operator : SY/MD
Sample : L3572-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Aug 11 01:14:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 10 09:26:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	74953	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75312	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36580	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21319	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.92	69	20955	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.58	63	31739	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.66	46	82246	46.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.40%
24) Chloroform-d	5.08	84	39341	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.80%
26) 1,2-Dichloroethane-d4	5.72	65	26707	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.74	84	82373	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.70	67	26885	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.91	98	67161	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.19	79	9380	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.64	63	55263	43.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.82%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24583	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	30301	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

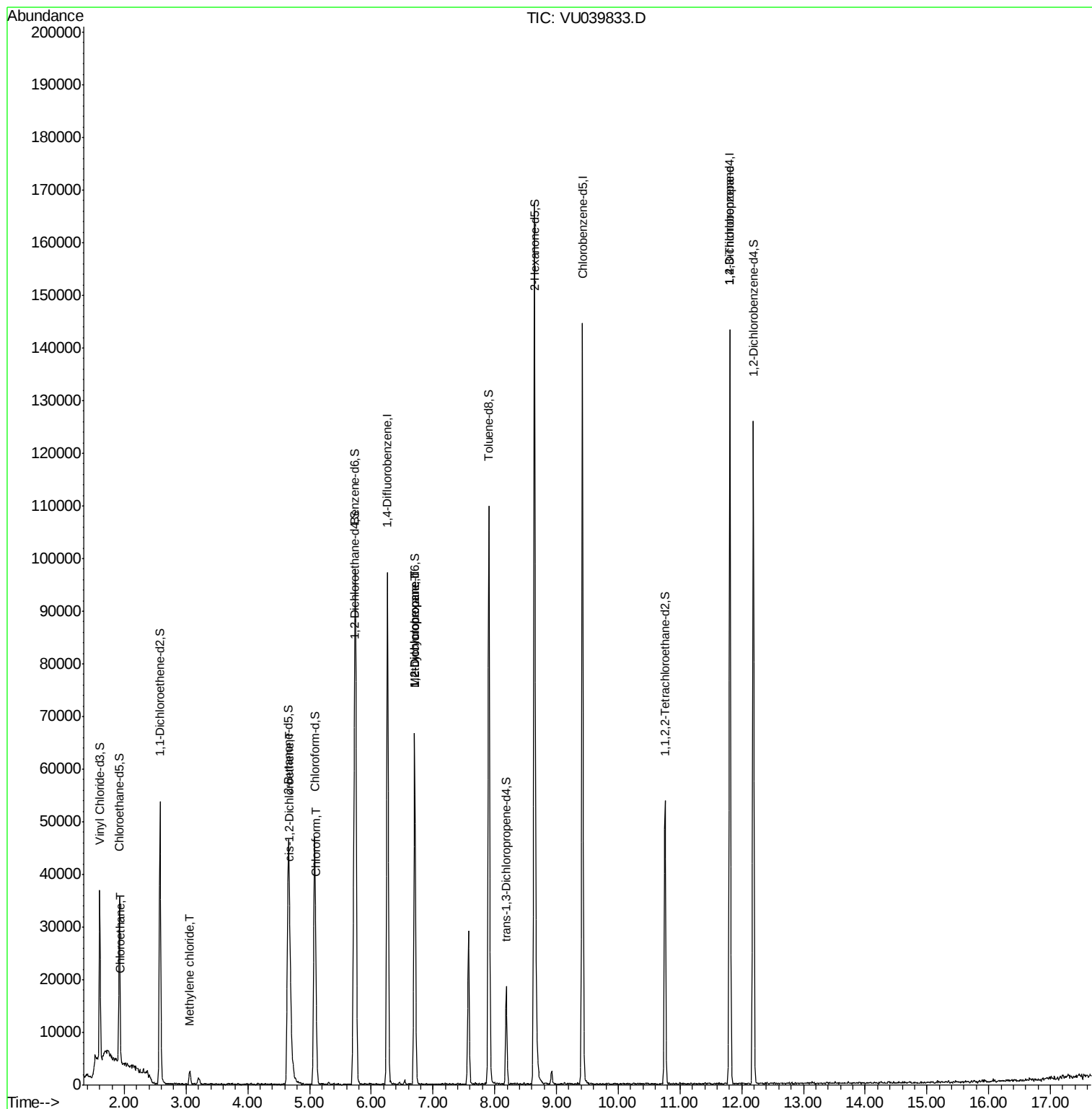
					Qvalue
8) Chloroethane	1.94	64	804	0.180 ug/L #	43
16) Methylene chloride	3.06	84	732	0.102 ug/L #	86
22) cis-1,2-Dichloroethene	4.69	96	863	0.159 ug/L	80
25) Chloroform	5.11	83	4867	0.493 ug/L	95
35) Methylcyclohexane	6.70	83	6952	0.817 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3153	0.579 ug/L #	86
59) 1,2,3-Trichloropropane	11.81	75	5095	1.296 ug/L	91

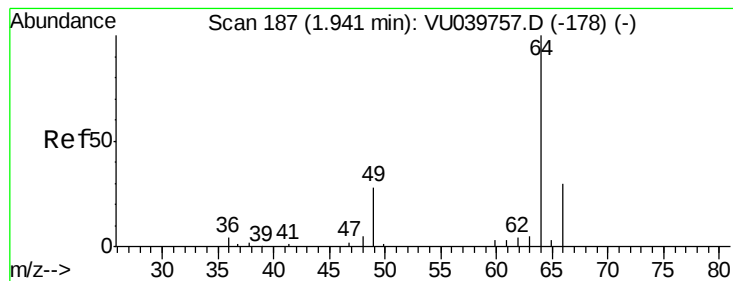
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.180 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

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Acq: 10 Aug 2020 18:59

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MSVOA_U

ClientSampleId :

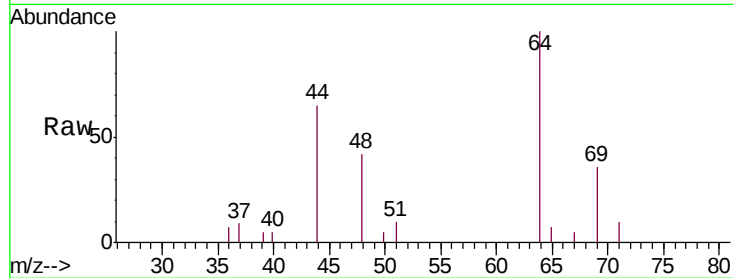
VHBLK01

Tgt Ion: 64 Resp: 804

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.3#



Abundance Ion 64.10 (63.80 to 64.80): VU039757.D (-178) (-)

Ion 66.05 (65.75 to 66.75): VU039757.D (-178) (-)

1.94

2000

1500

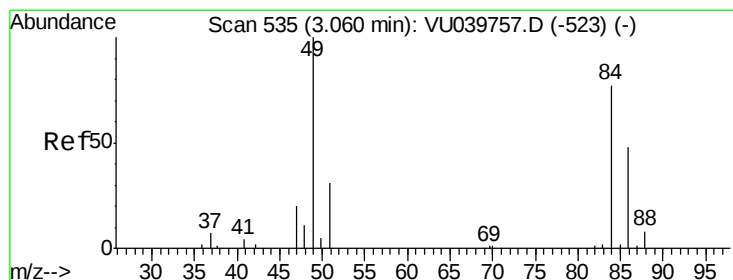
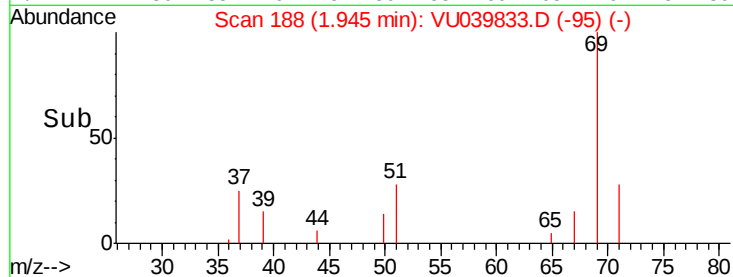
1000

500

0

1.92 1.94 1.96 1.98

Time-->



#16

Methylene chloride

Concen: 0.102 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

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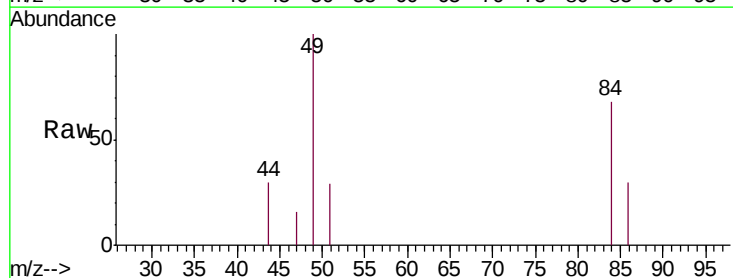
Tgt Ion: 84 Resp: 732

Ion Ratio Lower Upper

84 100

86 43.6 43.9 81.5#

49 146.1 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VU039757.D (-523) (-)

Ion 86.00 (85.70 to 86.70): VU039757.D (-523) (-)

Ion 49.10 (48.80 to 49.80): VU039757.D (-523) (-)

3.06

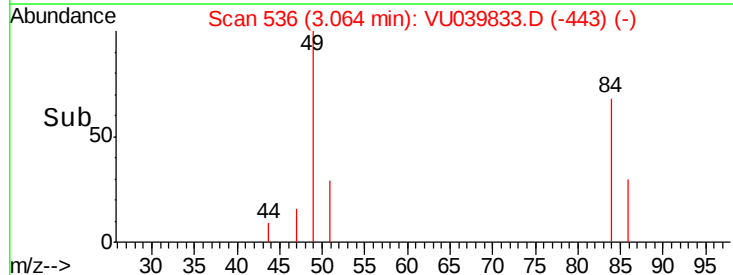
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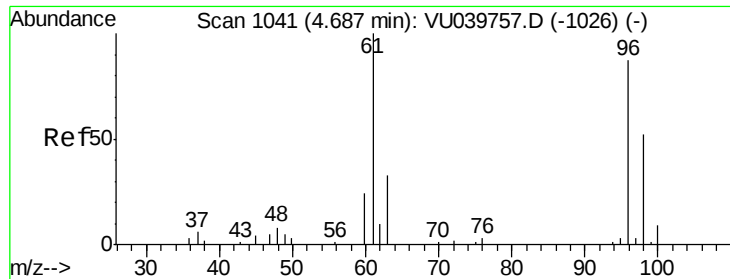
500

0

3.04 3.06 3.08

Time-->

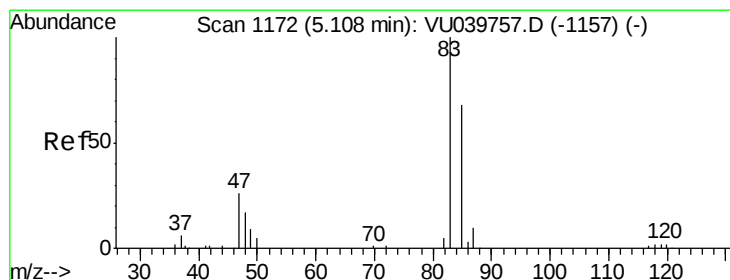
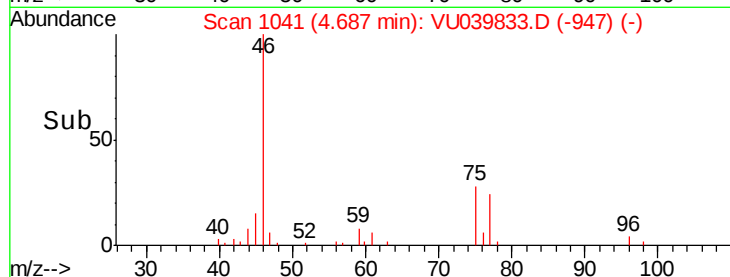
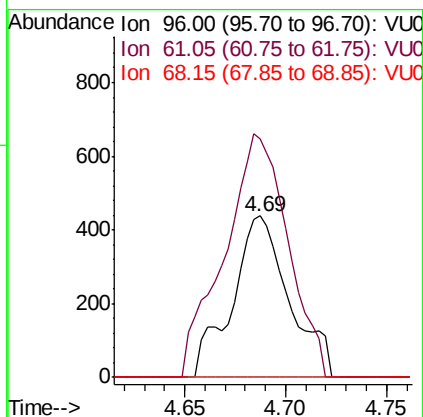
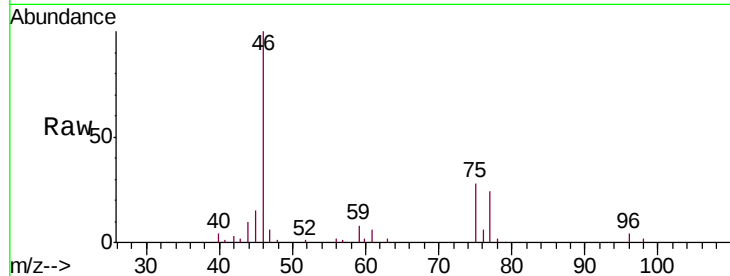




#22
 cis-1,2-Dichloroethene
 Concen: 0.159 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU039833.D
 Acq: 10 Aug 2020 18:59

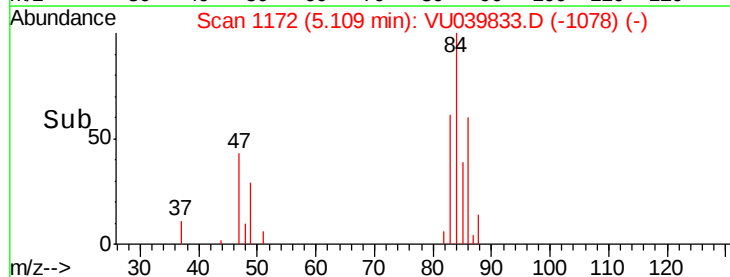
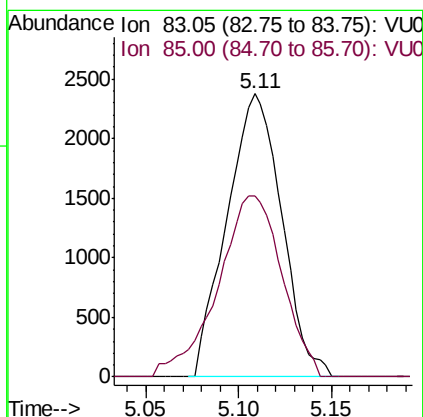
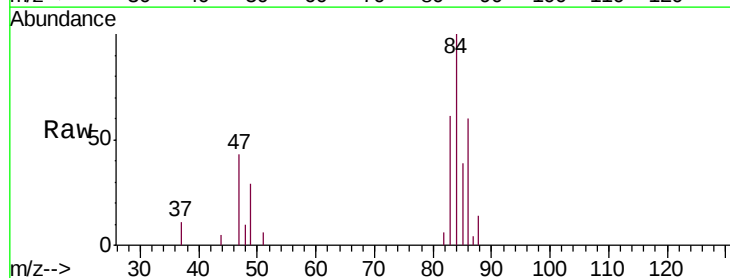
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 VHBLK01

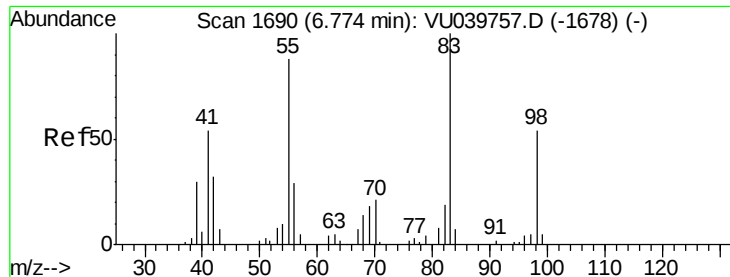
Tgt Ion: 96 Resp: 863
 Ion Ratio Lower Upper
 96 100
 61 147.9 87.4 162.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.493 ug/L
 RT: 5.11 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU039833.D
 Acq: 10 Aug 2020 18:59

Tgt Ion: 83 Resp: 4867
 Ion Ratio Lower Upper
 83 100
 85 63.7 42.1 78.3

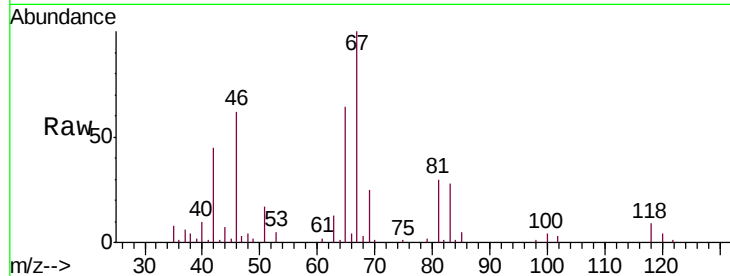




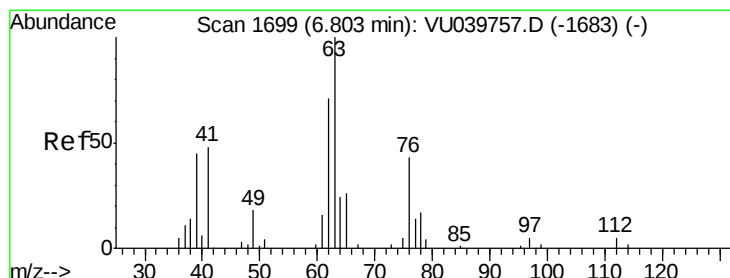
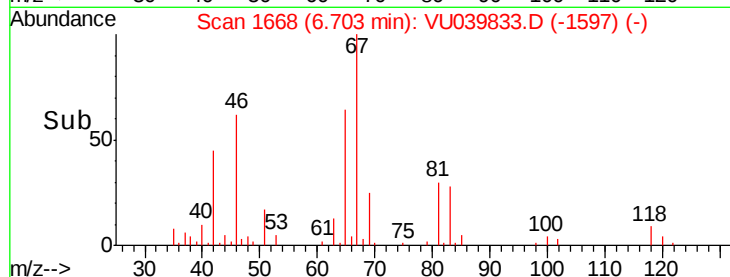
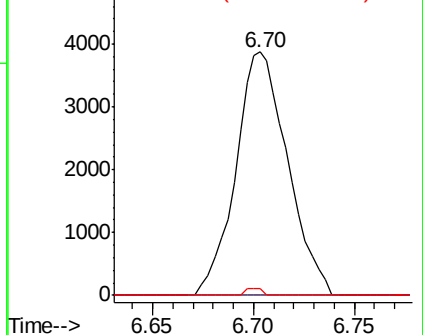
#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039833.D
Acq: 10 Aug 2020 18:59

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 6952
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.9 39.0 58.4#

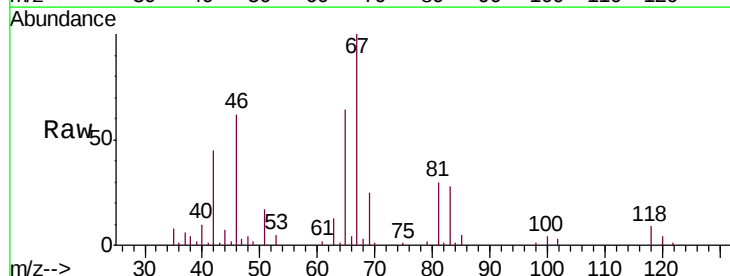


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

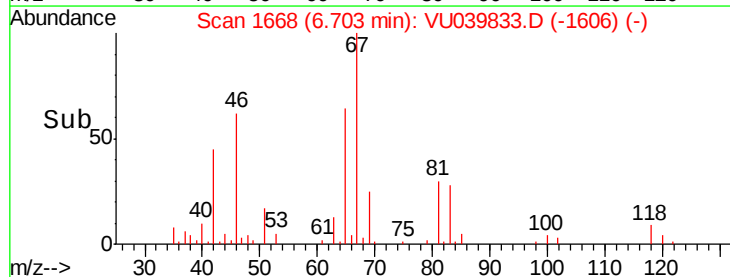
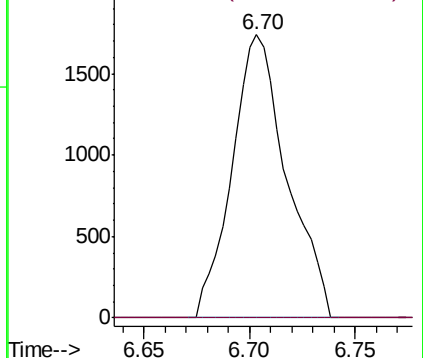


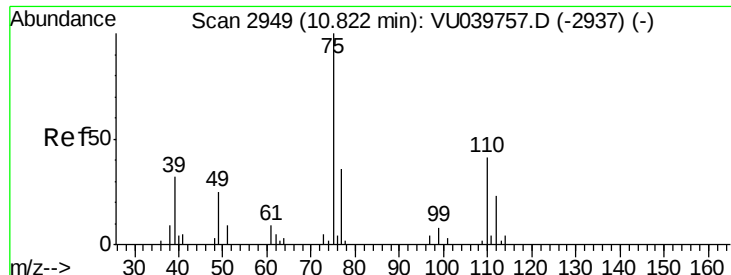
#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039833.D
Acq: 10 Aug 2020 18:59

Tgt Ion: 63 Resp: 3153
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: 1.296 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039833.D

Acq: 10 Aug 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 5095

Ion Ratio Lower Upper

75 100

77 36.0 24.6 37.0

