

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070920\
 Data File : VU039395.D
 Acq On : 09 Jul 2020 15:04
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jul 10 00:21:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 10 00:19:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	105618	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	97234	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48698	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26940	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.93	69	29144	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.58	63	42892	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.66	46	161048	57.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.00%
24) Chloroform-d	5.08	84	67214	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.72	65	44098	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.74	84	131759	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
36) 1,2-Dichloropropane-d6	6.71	67	45741	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.91	98	113550	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
43) trans-1,3-Dichloropropene-	8.19	79	18918	5.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.20%
46) 2-Hexanone-d5	8.64	63	117228	54.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.84%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42473	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	46226	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

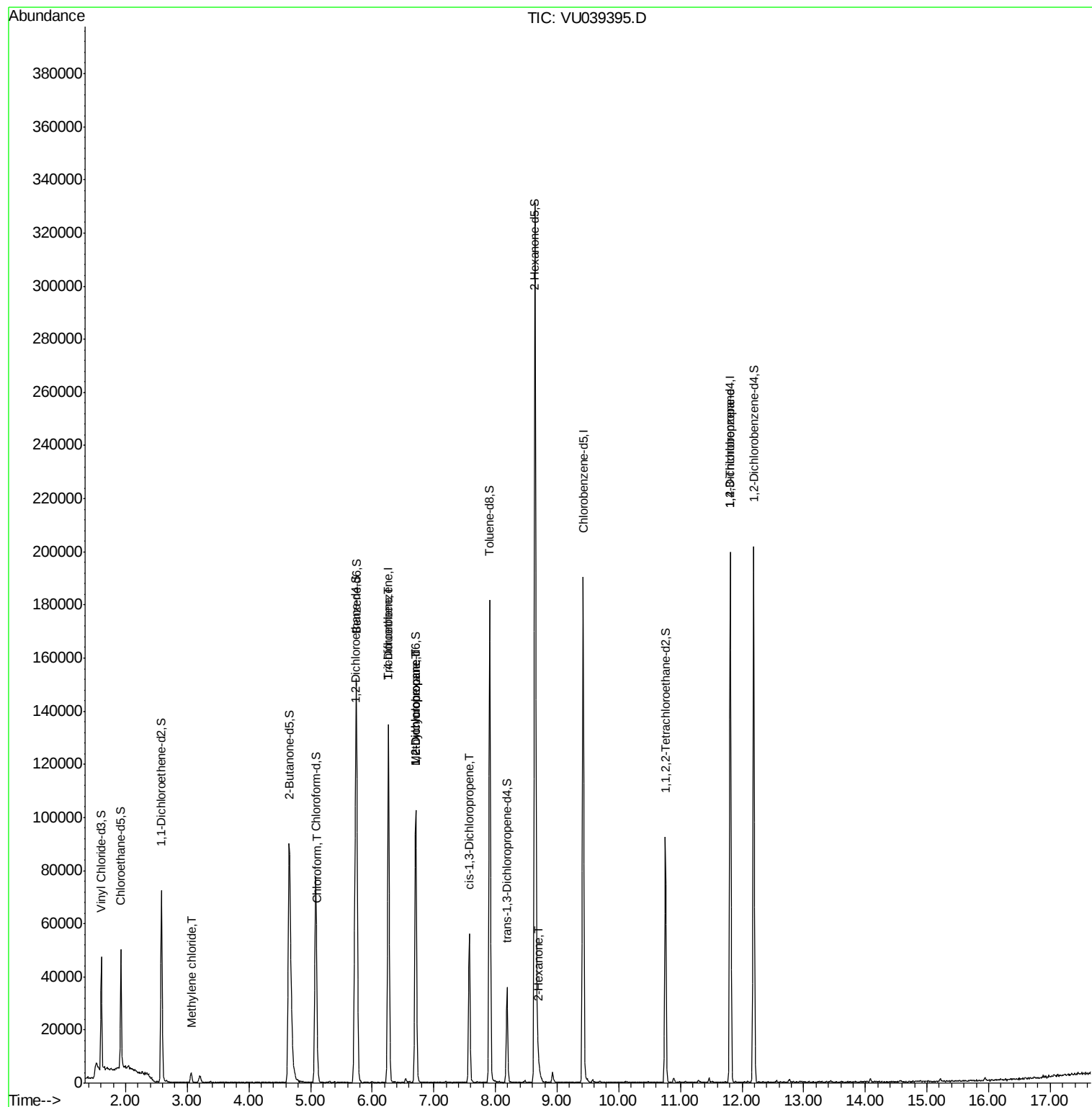
					Ovalue
16) Methylene chloride	3.06	84	1831	0.232 ug/L #	89
25) Chloroform	5.11	83	3560	0.259 ug/L	97
34) Trichloroethene	6.27	95	1872	0.249 ug/L #	7
35) Methylcyclohexane	6.70	83	10503	0.872 ug/L #	19
37) 1,2-Dichloropropane	6.71	63	5045	0.637 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1548	0.129 ug/L #	66
48) 2-Hexanone	8.70	43	6077	1.247 ug/L #	43
59) 1,2,3-Trichloropropane	11.81	75	7704	1.319 ug/L	97

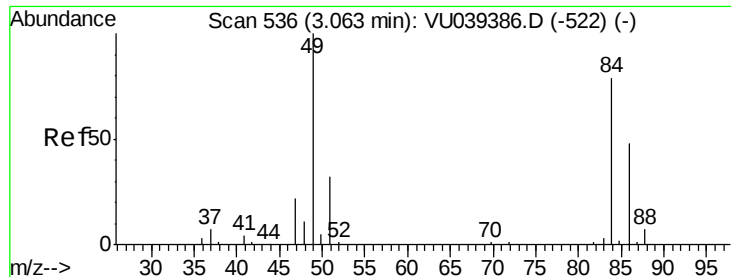
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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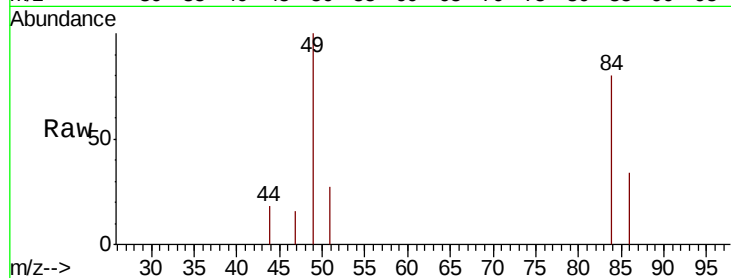




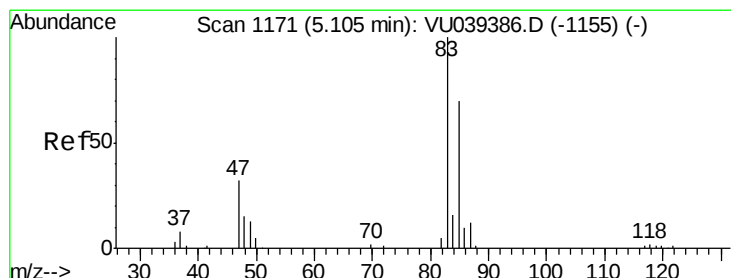
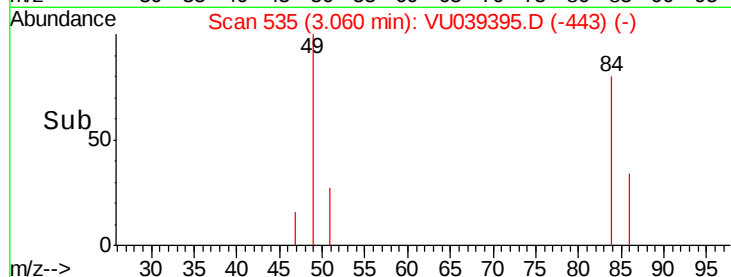
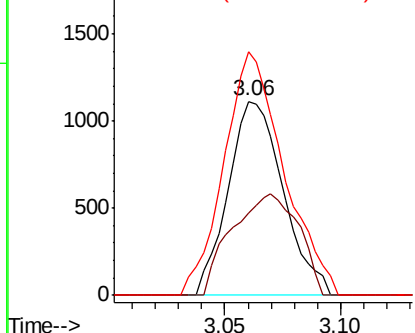
#16
Methvlene chloride
Concen: 0.232 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039395.D
Acq: 09 Jul 2020 15:04

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tot Ion: 84 Resp: 1831
Ion Ratio Lower Upper
84 100
86 42.5 43.5 80.9#
49 125.3 91.1 169.1

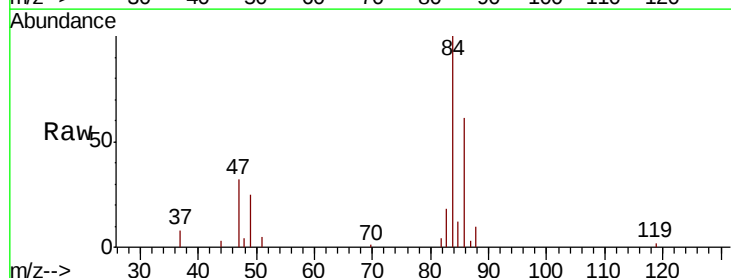


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

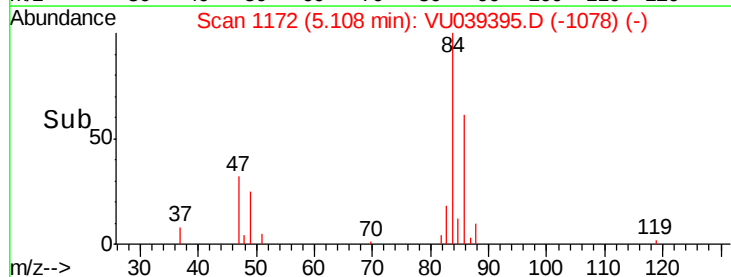
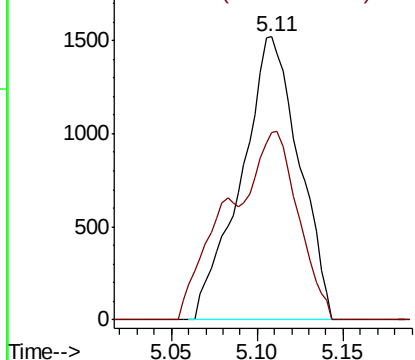


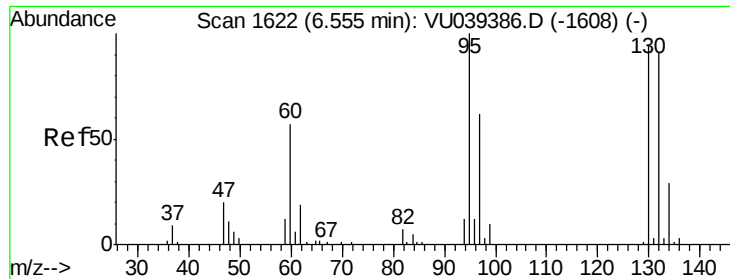
#25
Chloroform
Concen: 0.259 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039395.D
Acq: 09 Jul 2020 15:04

Tgt Ion: 83 Resp: 3560
Ion Ratio Lower Upper
83 100
85 66.3 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 0.249 ug/L

RT: 6.27 min Scan# 1533

Delta R.T. -0.29 min

Lab File: VU039395.D

Acq: 09 Jul 2020 15:04

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

Tot Ion: 95 Resp: 1872

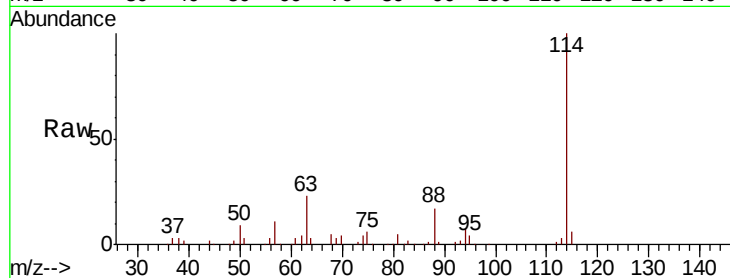
Ion Ratio Lower Upper

95 100

97 0.0 46.3 85.9#

132 0.0 64.0 118.8#

130 0.0 64.3 119.5#

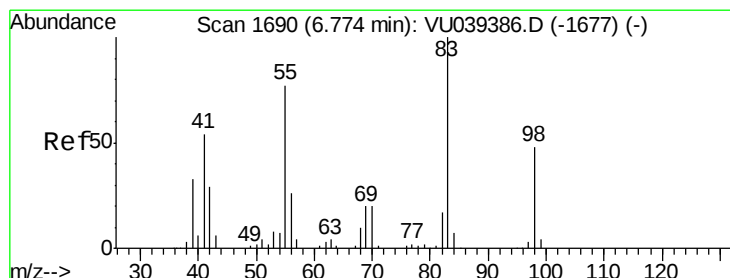
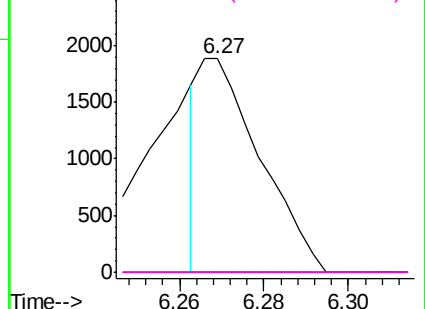
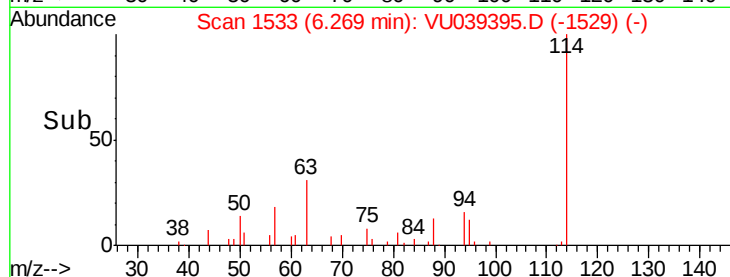


Abundance Ion 95.00 (94.70 to 95.70): VU039386.D (-1608) (-)

Ion 96.95 (96.65 to 97.65): VU039386.D (-1608) (-)

Ion 131.95 (131.65 to 132.65): VU039386.D (-1608) (-)

Ion 129.95 (129.65 to 130.65): VU039386.D (-1608) (-)



#35

Methylcyclohexane

Concen: 0.872 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039395.D

Acq: 09 Jul 2020 15:04

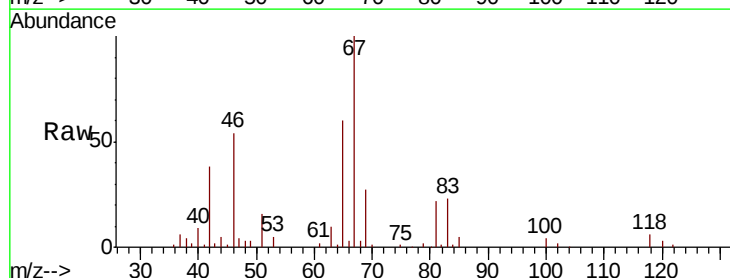
Tgt Ion: 83 Resp: 10503

Ion Ratio Lower Upper

83 100

55 0.8 62.1 93.1#

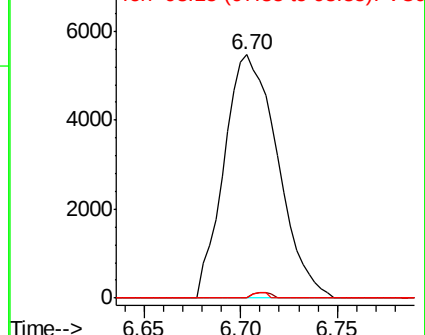
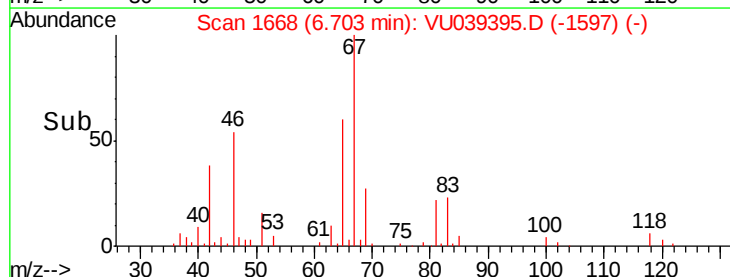
98 0.6 35.9 53.9#

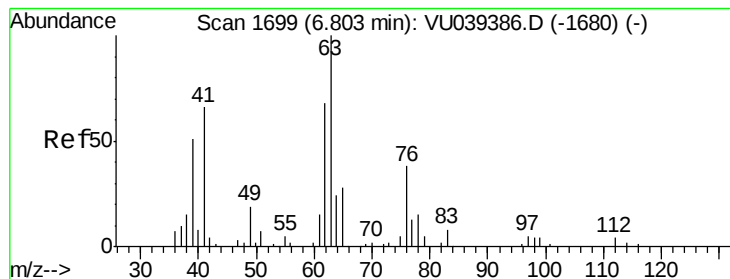


Abundance Ion 83.15 (82.85 to 83.85): VU039386.D (-1677) (-)

Ion 55.10 (54.80 to 55.80): VU039386.D (-1677) (-)

Ion 98.15 (97.85 to 98.85): VU039386.D (-1677) (-)





#37

1,2-Dichloropropane

Concen: 0.637 ug/L

RT: 6.71 min Scan# 1670

Delta R.T. -0.09 min

Lab File: VU039395.D

Acq: 09 Jul 2020 15:04

Instrument :

MSVOA_U

ClientSampleId :

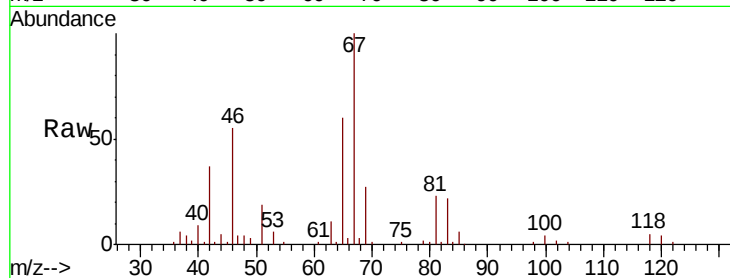
VIBLK

Tot Ion: 63 Resp: 5045

Ion Ratio Lower Upper

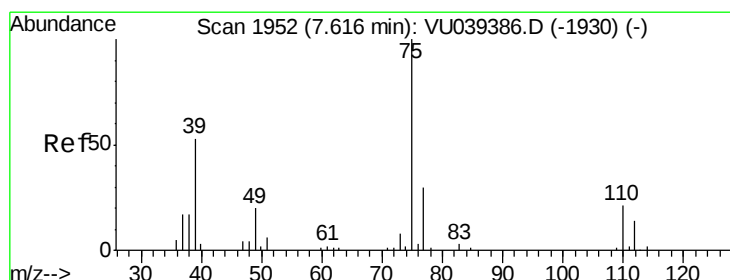
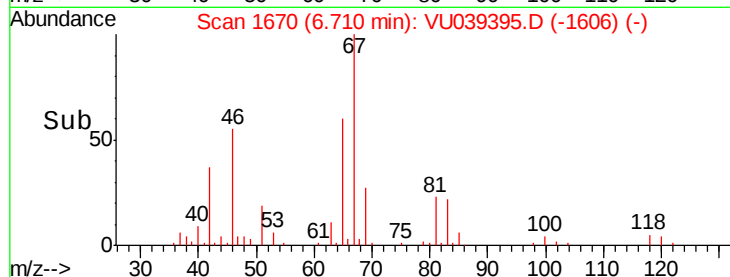
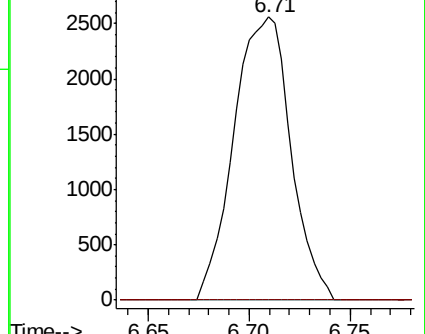
63 100

112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU039386.D (-1680) (-)

Ion 112.10 (111.80 to 112.80): VU039386.D (-1680) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU039395.D

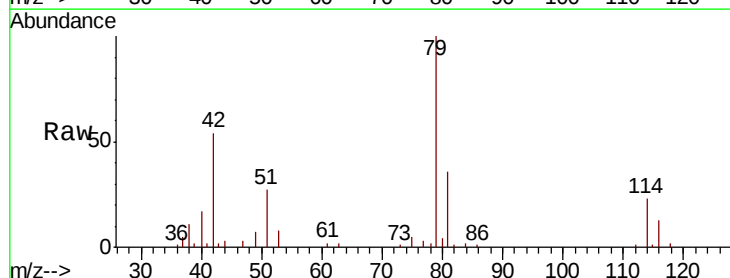
Acq: 09 Jul 2020 15:04

Tgt Ion: 75 Resp: 1548

Ion Ratio Lower Upper

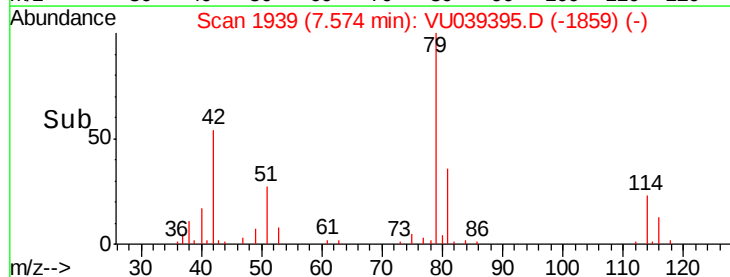
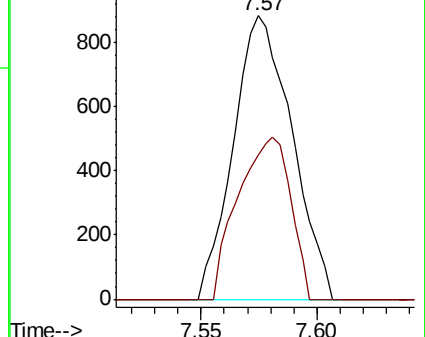
75 100

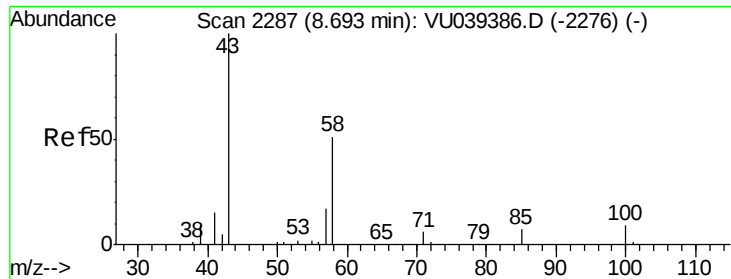
77 50.8 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU039386.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU039386.D (-1930) (-)

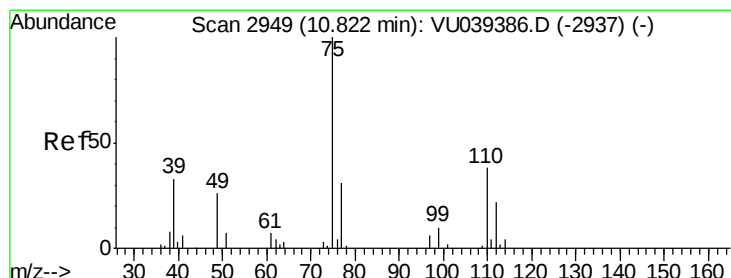
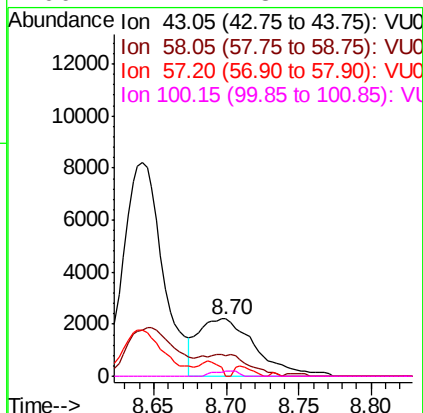
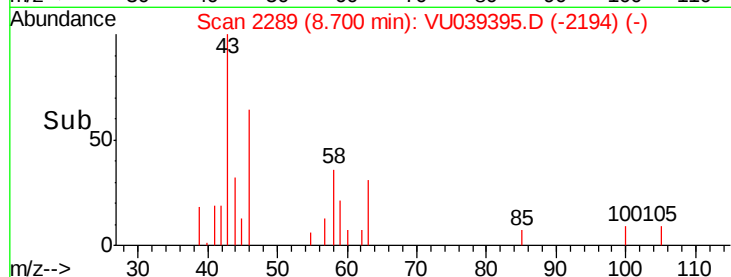
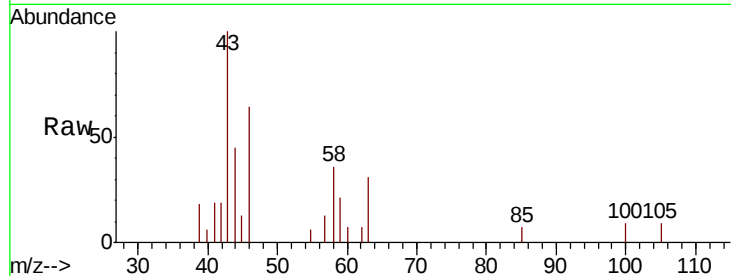




#48
2-Hexanone
Concen: 1.247 ug/L
RT: 8.70 min Scan# 2289
Delta R.T. 0.01 min
Lab File: VU039395.D
Acq: 09 Jul 2020 15:04

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tot Ion:	43	Resp:	6077
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.0	63.0#
57	5.1	14.0	21.0#
100	4.1	8.2	12.2#



#59
1,2,3-Trichloropropane
Concen: 1.319 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039395.D
Acq: 09 Jul 2020 15:04

Tgt Ion:	75	Resp:	7704
Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.8	40.2

