

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039325.D
 Acq On : 07 Jul 2020 19:33
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jul 08 01:47:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:44:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110962	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102960	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49353	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30791	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.93	69	32029	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	40787	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.66	46	155600	52.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.76%
24) Chloroform-d	5.09	84	65362	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	43310	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.75	84	123985	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.71	67	44788	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.91	98	103123	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	8.19	79	18080	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.64	63	116449	51.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.10%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	41928	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	43877	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

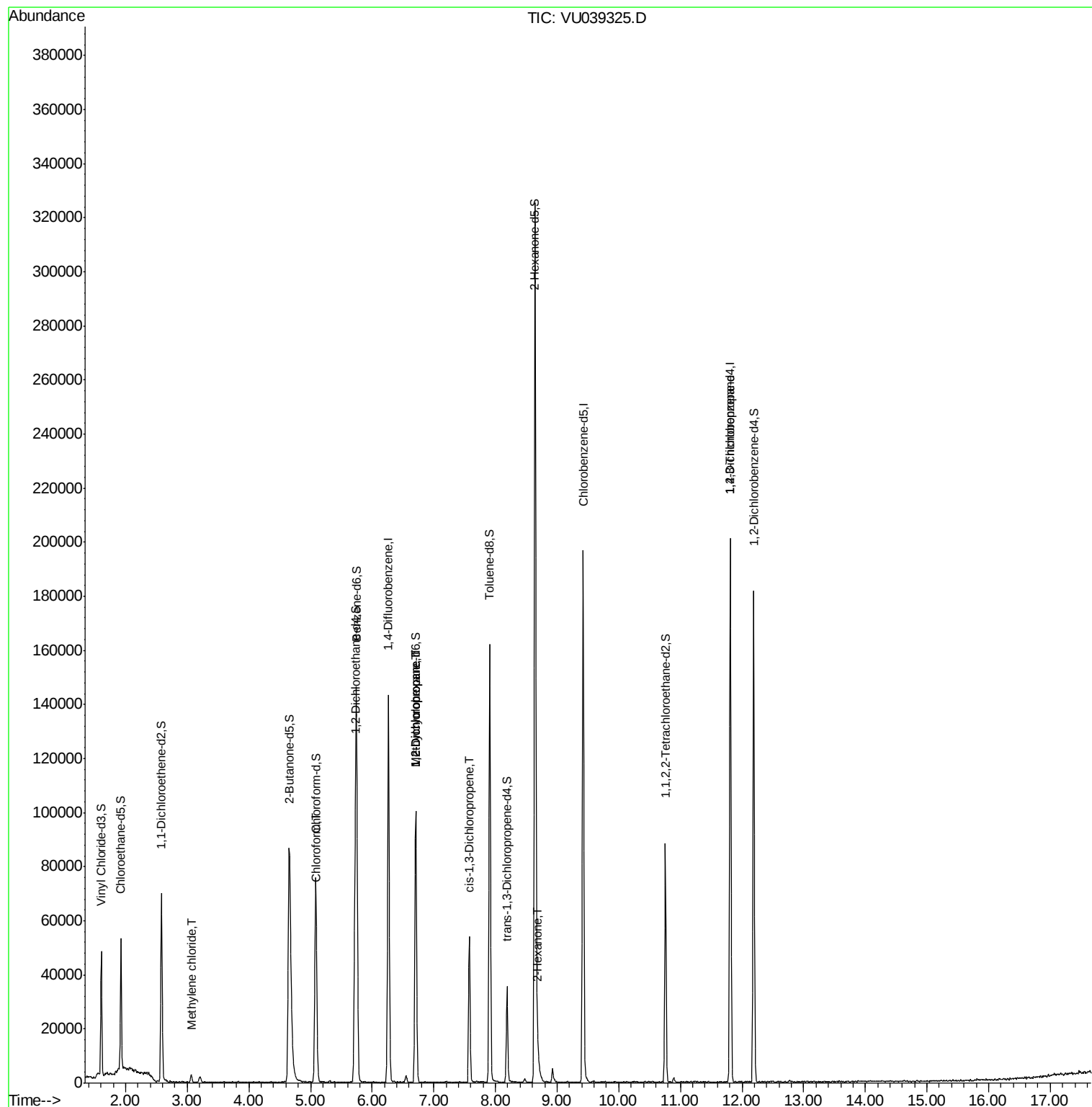
					Ovalue
16) Methylene chloride	3.06	84	1106	0.133 ug/L	95
25) Chloroform	5.11	83	2602	0.180 ug/L	80
35) Methylcyclohexane	6.71	83	9836	0.771 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	5270	0.628 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1719	0.136 ug/L #	44
48) 2-Hexanone	8.69	43	4739	0.918 ug/L #	88
59) 1,2,3-Trichloropropane	11.81	75	7048	1.140 ug/L #	84

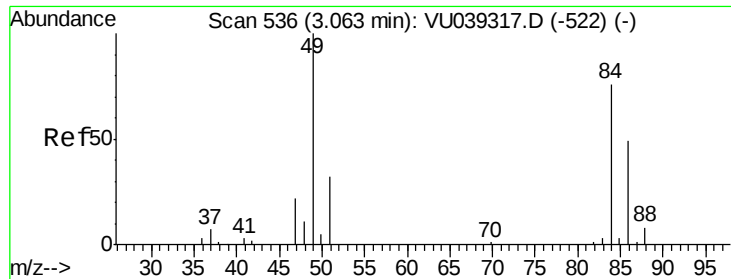
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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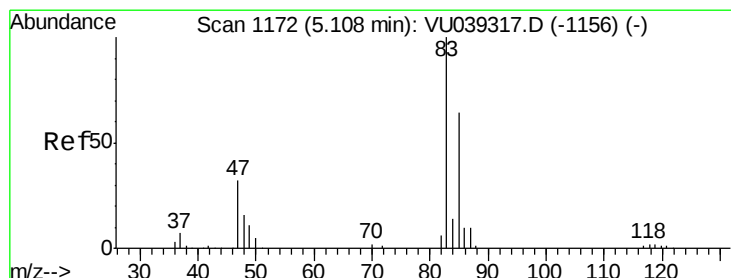
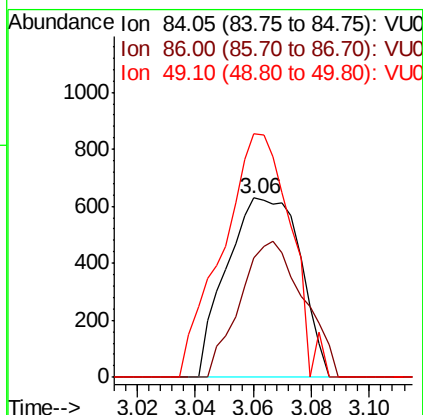
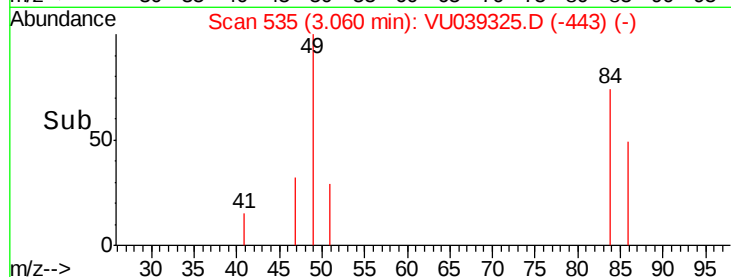
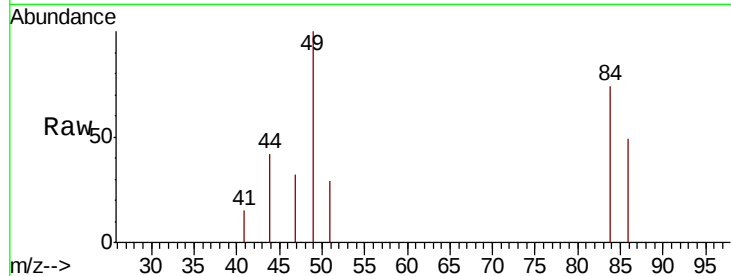




#16
Methvlene chloride
Concen: 0.133 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039325.D
Acq: 07 Jul 2020 19:33

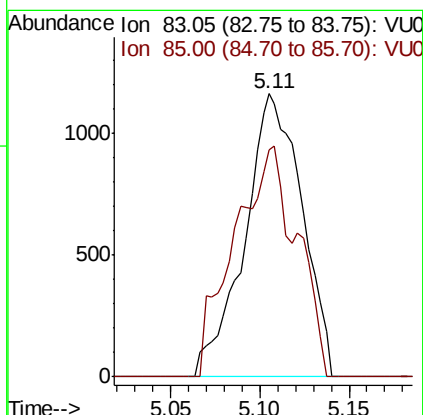
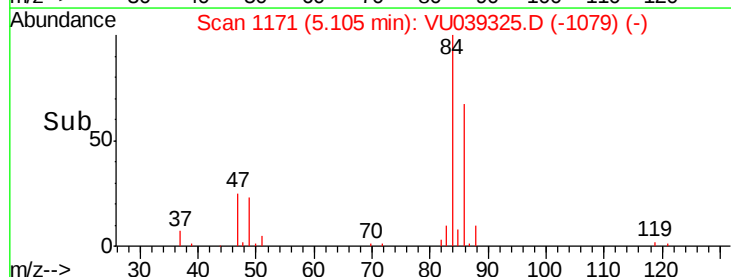
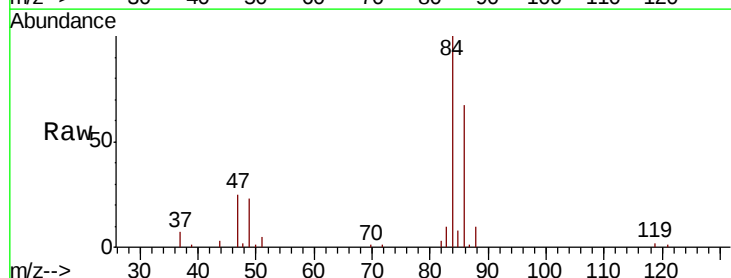
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

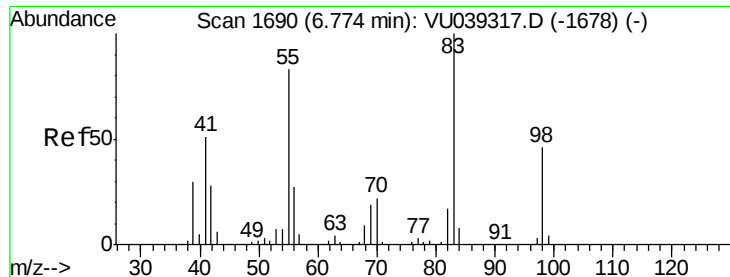
Tot Ion: 84 Resp: 1106
Ion Ratio Lower Upper
84 100
86 66.6 43.5 80.9
49 136.0 91.1 169.1



#25
Chloroform
Concen: 0.180 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039325.D
Acq: 07 Jul 2020 19:33

Tgt Ion: 83 Resp: 2602
Ion Ratio Lower Upper
83 100
85 80.0 44.9 83.5

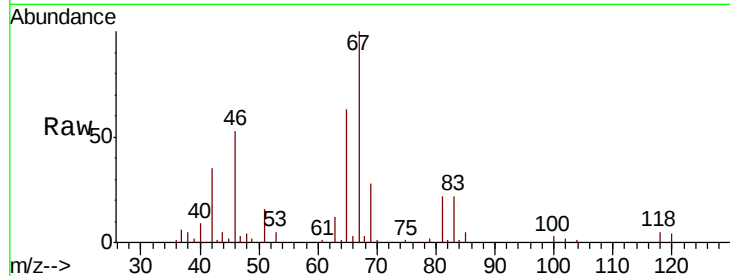




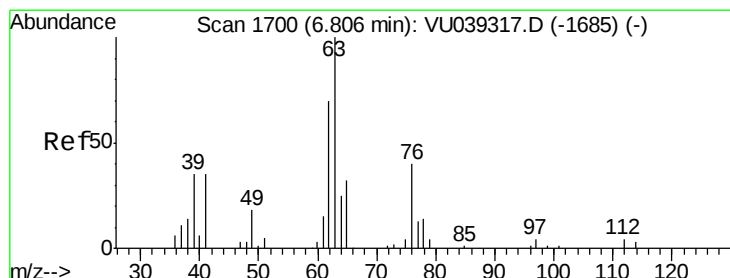
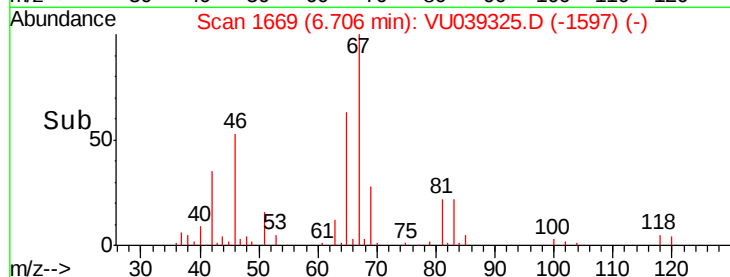
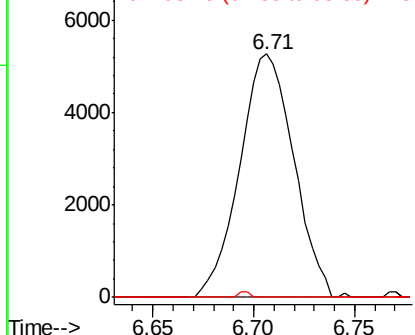
#35
Methvlcvclohexane
Concen: 0.771 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039325.D
Acq: 07 Jul 2020 19:33

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tot Ion: 83 Resp: 9836
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.5 35.9 53.9#

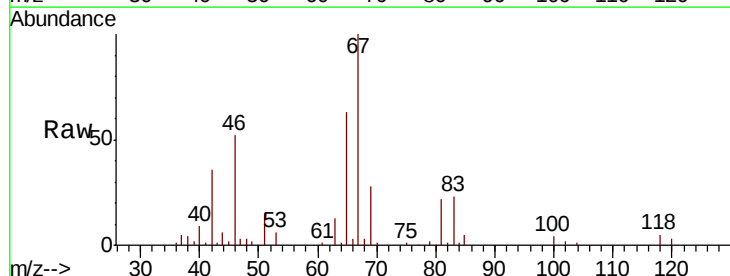


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

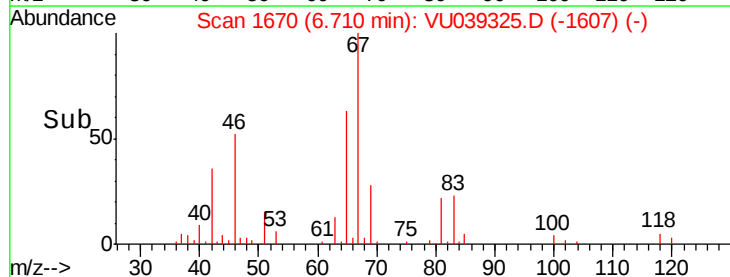
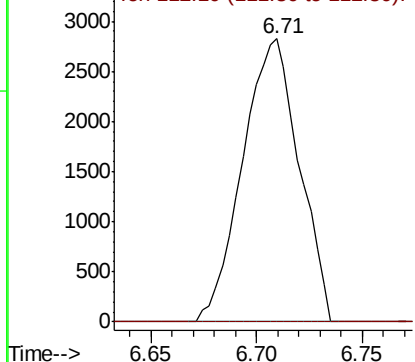


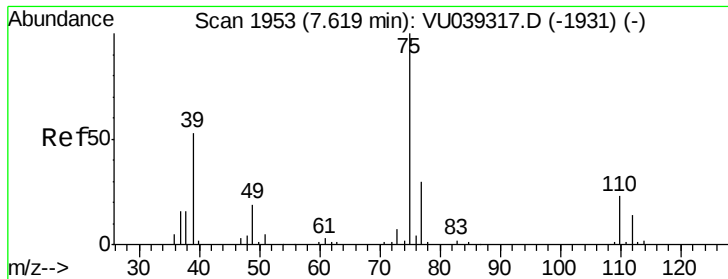
#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.10 min
Lab File: VU039325.D
Acq: 07 Jul 2020 19:33

Tgt Ion: 63 Resp: 5270
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



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





#39

cis-1,3-Dichloropropene

Concen: 0.136 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU039325.D

Acq: 07 Jul 2020 19:33

Instrument :

MSVOA_U

ClientSampled :

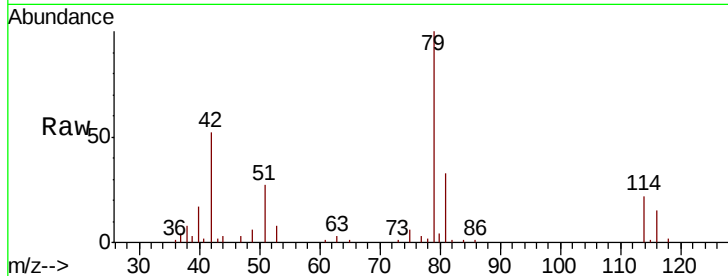
VIBLK

Tot Ion: 75 Resp: 1719

Ion Ratio Lower Upper

75 100

77 63.0 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

800

600

400

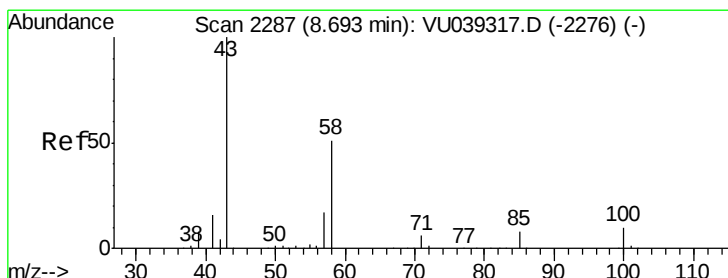
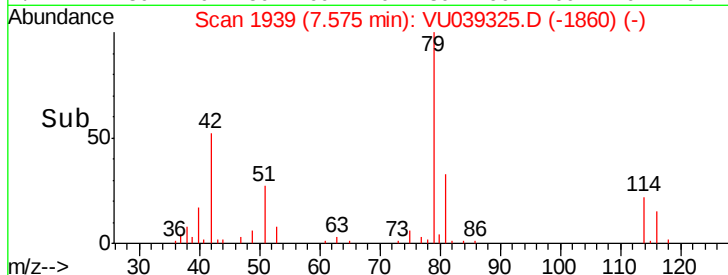
200

0

7.55

7.60

Time-->



#48

2-Hexanone

Concen: 0.918 ug/L

RT: 8.69 min Scan# 2286

Delta R.T. -0.00 min

Lab File: VU039325.D

Acq: 07 Jul 2020 19:33

Tgt Ion: 43 Resp: 4739

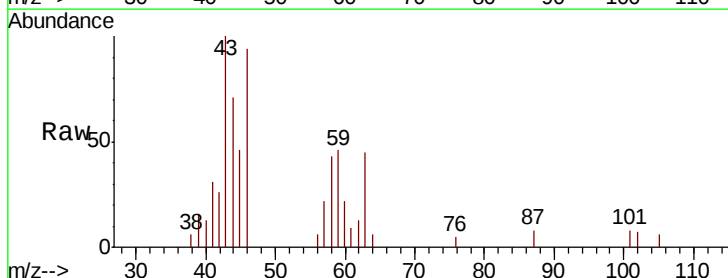
Ion Ratio Lower Upper

43 100

58 42.7 42.0 63.0

57 18.6 14.0 21.0

100 3.8 8.2 12.2#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

12000

10000

8000

6000

4000

2000

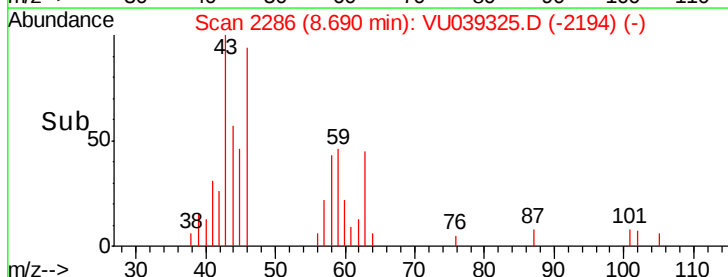
0

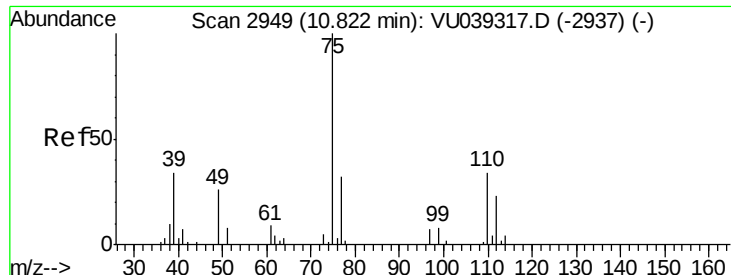
8.65

8.70

8.75

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.140 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039325.D

Acq: 07 Jul 2020 19:33

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

Tot Ion: 75 Resp: 7048

Ion Ratio Lower Upper

75 100

77 42.4 26.8 40.2#

