

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039327.D
 Acq On : 07 Jul 2020 20:19
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jul 08 01:47:35 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	6.27	114	113365	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	103792	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49100	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30928	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.93	69	31908	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.58	63	43888	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.65	46	152512	50.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.46%
24) Chloroform-d	5.09	84	67364	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	43325	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.74	84	129837	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.71	67	46339	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.91	98	105890	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	8.19	79	17883	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.64	63	116755	50.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.54%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42059	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	44515	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

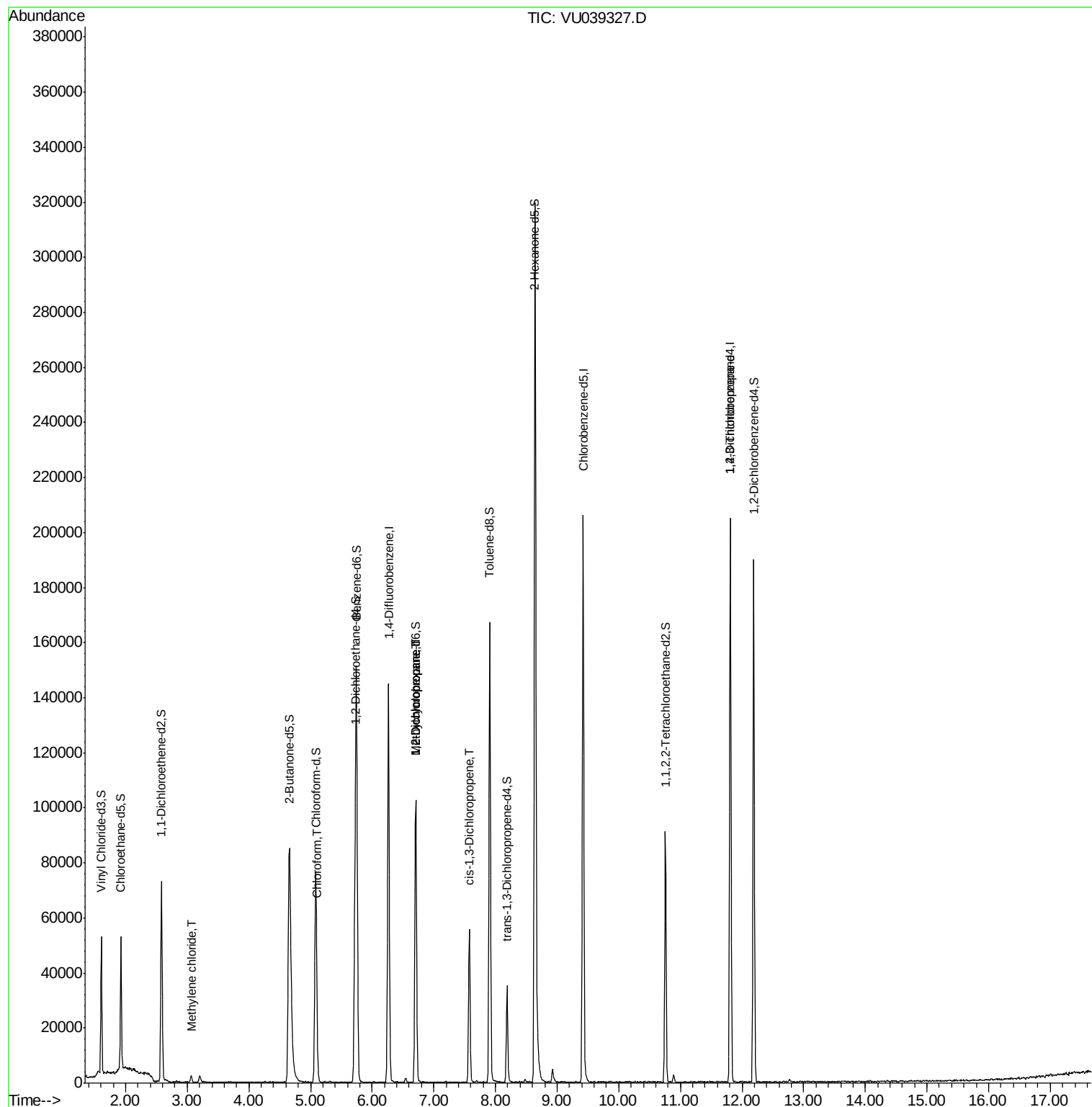
					Ovalue
16) Methylene chloride	3.06	84	985	0.116 ug/L	94
25) Chloroform	5.11	83	3231	0.219 ug/L	80
35) Methylcyclohexane	6.70	83	10237	0.797 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	5169	0.611 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1575	0.123 ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	7632	1.224 ug/L #	86

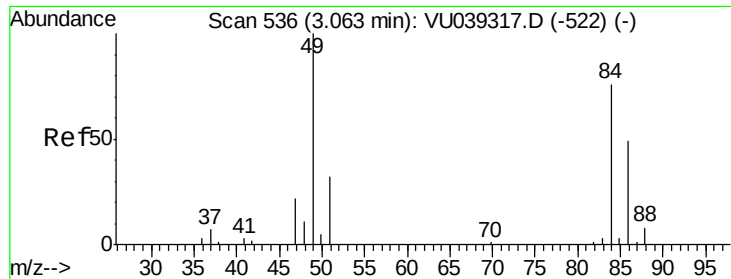
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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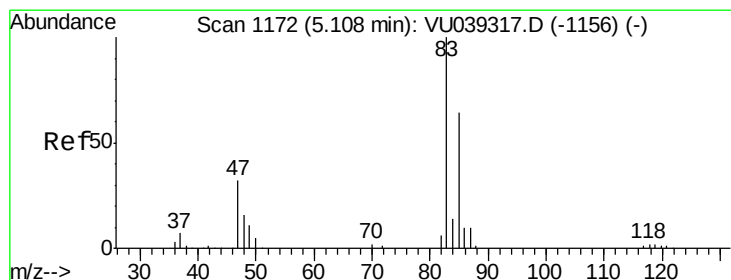
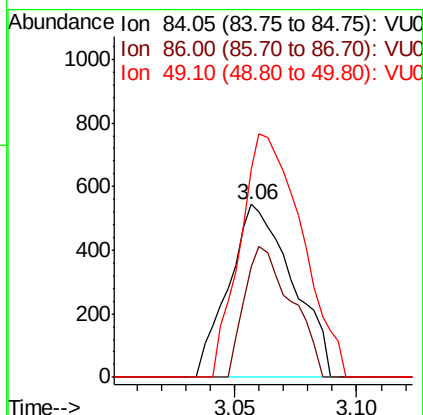
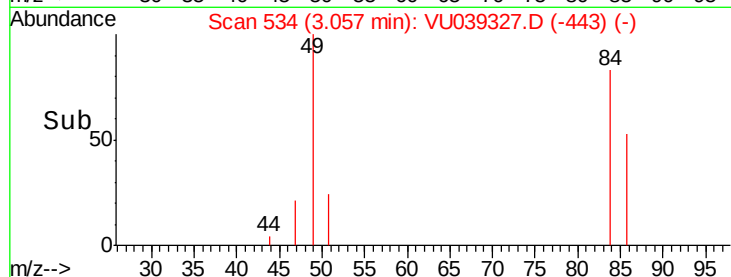
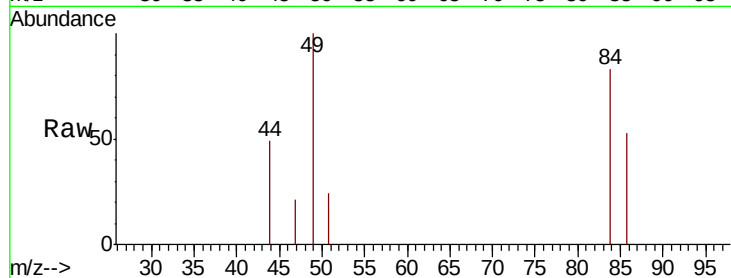




#16
Methylene chloride
Concen: 0.116 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.01 min
Lab File: VU039327.D
Acq: 07 Jul 2020 20:19

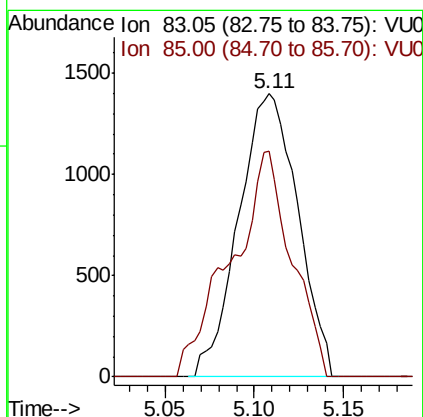
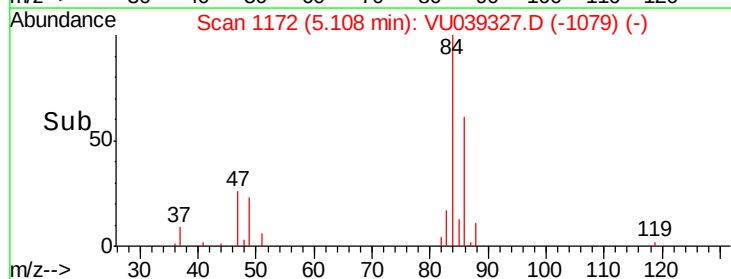
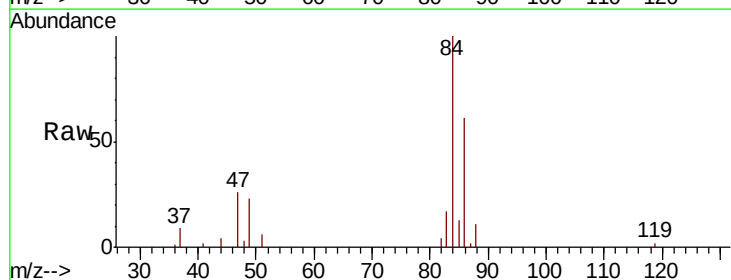
Instrument :
MSVOA_U
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VIBLK

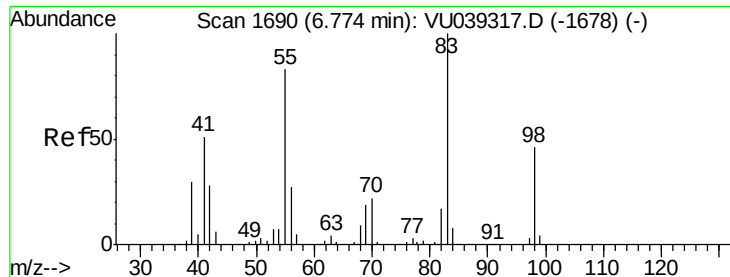
Tot Ion: 84 Resp: 985
Ion Ratio Lower Upper
84 100
86 63.7 43.5 80.9
49 120.6 91.1 169.1



#25
Chloroform
Concen: 0.219 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039327.D
Acq: 07 Jul 2020 20:19

Tgt Ion: 83 Resp: 3231
Ion Ratio Lower Upper
83 100
85 79.9 44.9 83.5

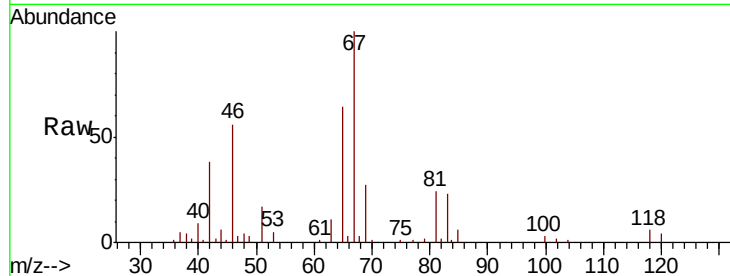




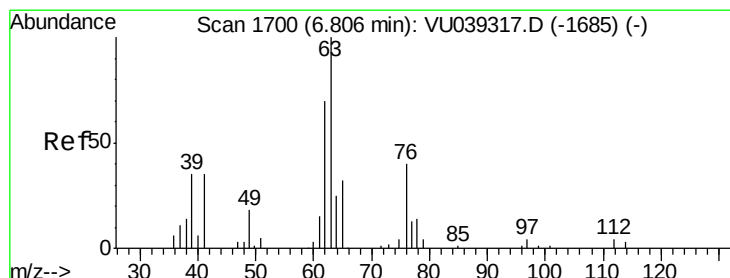
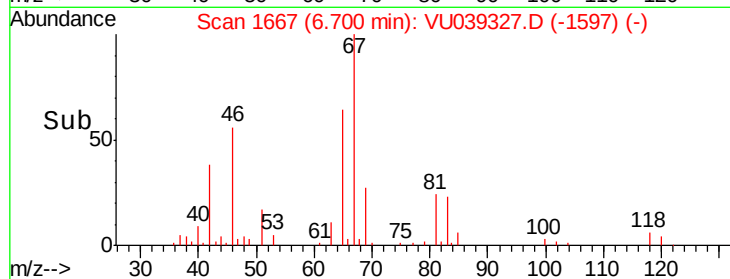
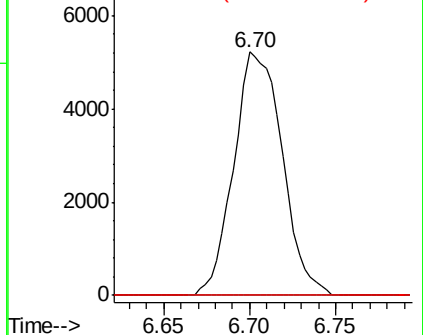
#35
Methylcyclohexane
Concen: 0.797 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU039327.D
Acq: 07 Jul 2020 20:19

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tot Ion: 83 Resp: 10237
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.2 35.9 53.9#

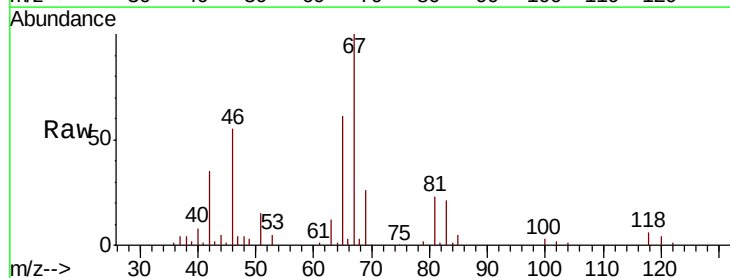


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

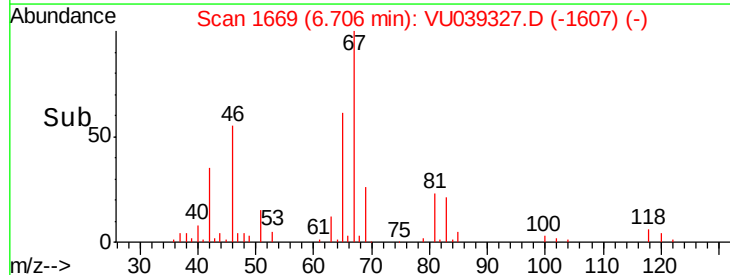
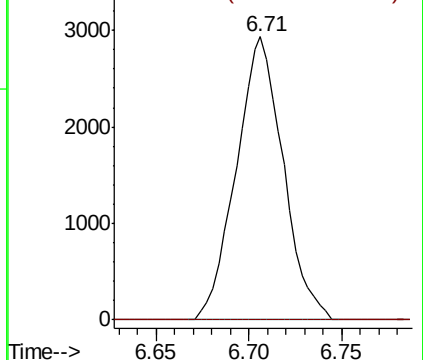


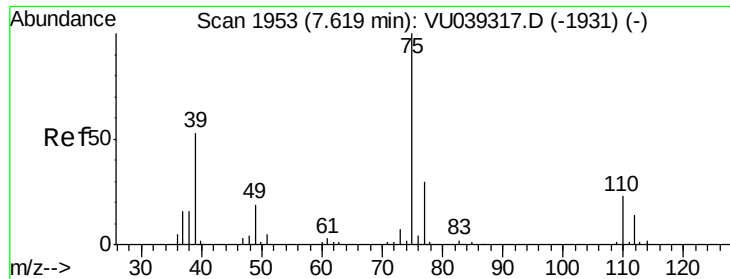
#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039327.D
Acq: 07 Jul 2020 20:19

Tgt Ion: 63 Resp: 5169
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: 0.123 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039327.D

Acq: 07 Jul 2020 20:19

Instrument :

MSVOA_U

ClientSampleId :

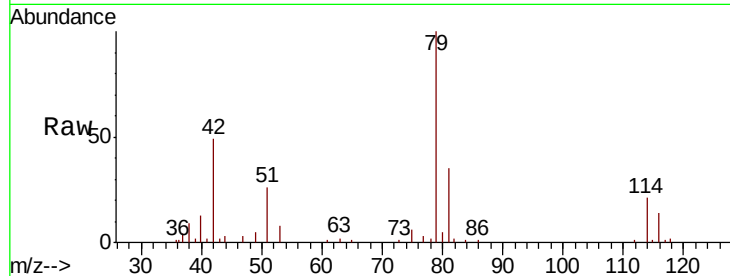
VIBLK

Tot Ion: 75 Resp: 1575

Ion Ratio Lower Upper

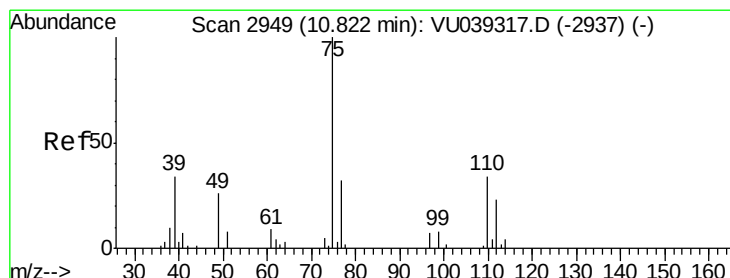
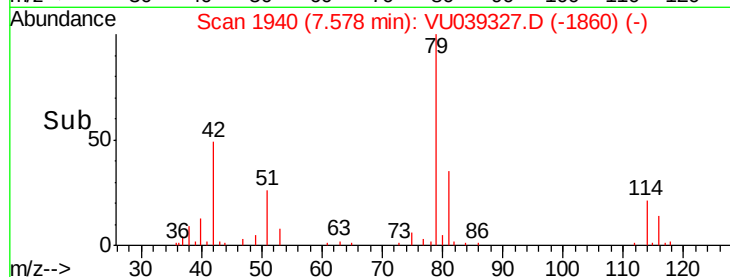
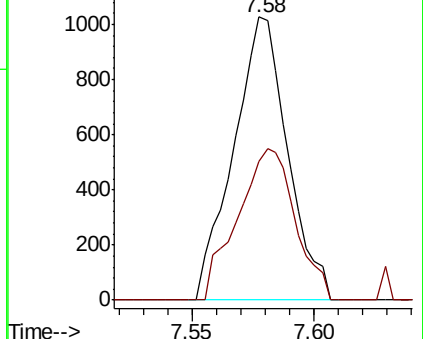
75 100

77 49.1 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 1.224 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039327.D

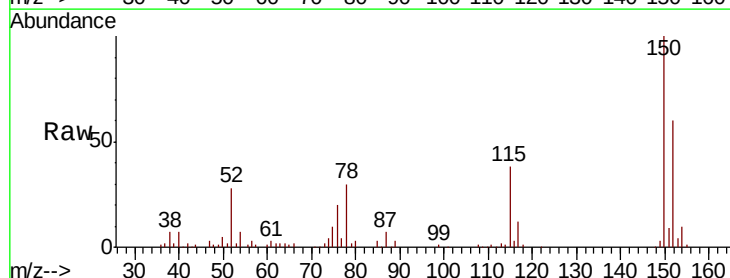
Acq: 07 Jul 2020 20:19

Tgt Ion: 75 Resp: 7632

Ion Ratio Lower Upper

75 100

77 41.3 26.8 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

