

Data File : VU036816.D
Acq On : 17 Feb 2020 17:48
Operator : JC/MD
Sample : L1537-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 18 00:50:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 18 00:46:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	115761	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	109912	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	42878	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37935	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.93	69	38971	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.59	63	53305	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.67	46	114981	55.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.16%
24) Chloroform-d	5.11	84	74168	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.74	65	42869	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.76	84	157407	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.73	67	52226	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.92	98	139581	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.21	79	17707	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.66	63	95203	50.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.14%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40954	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	43571	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

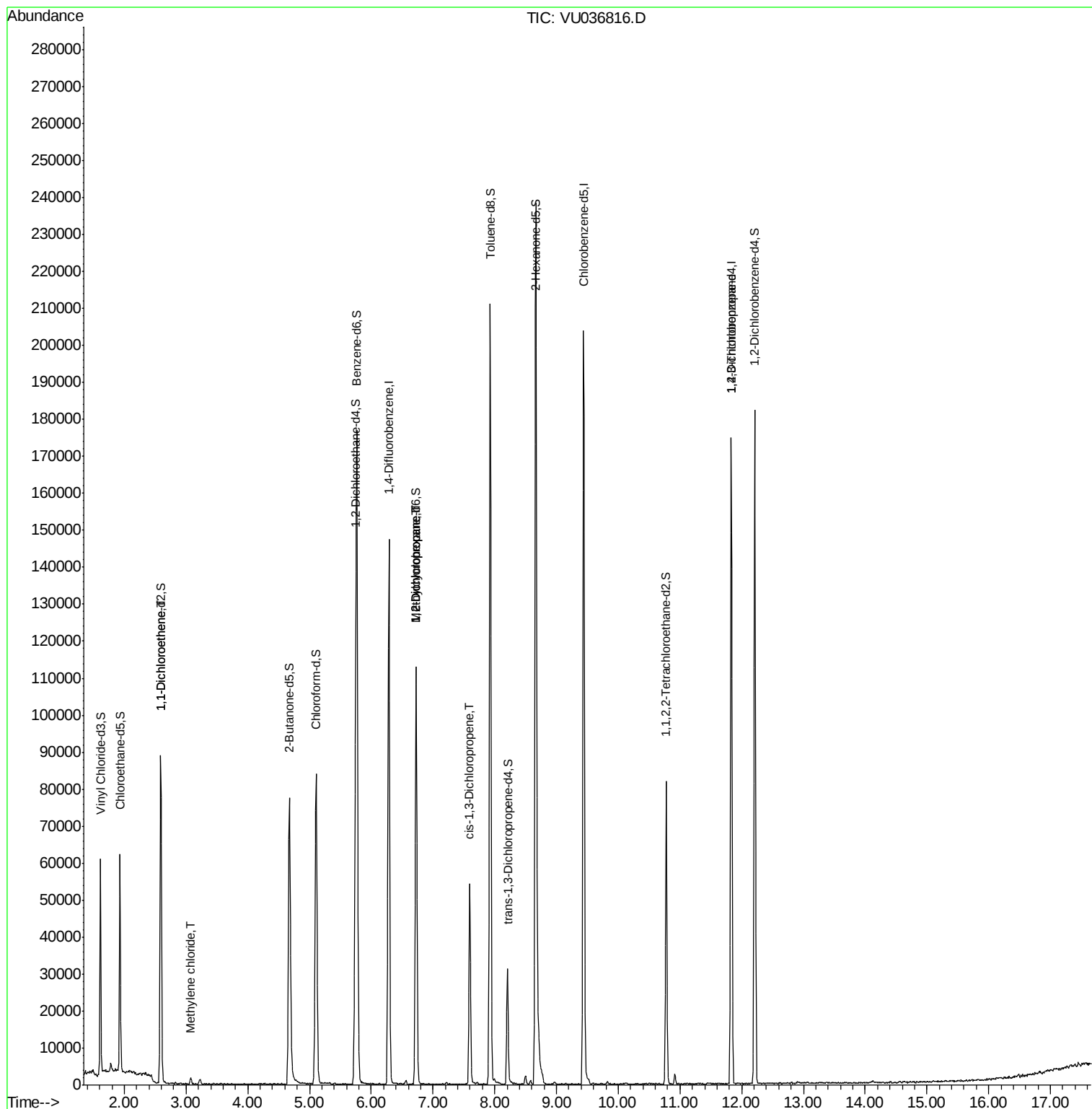
					Qvalue
12) 1,1-Dichloroethene	2.59	96	437	0.062 ug/L #	1
16) Methylene chloride	3.08	84	781	0.066 ug/L	93
35) Methylcyclohexane	6.73	83	11029	0.805 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	5768	0.623 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1242	0.093 ug/L #	55
59) 1,2,3-Trichloropropane	11.83	75	6522	1.067 ug/L	95

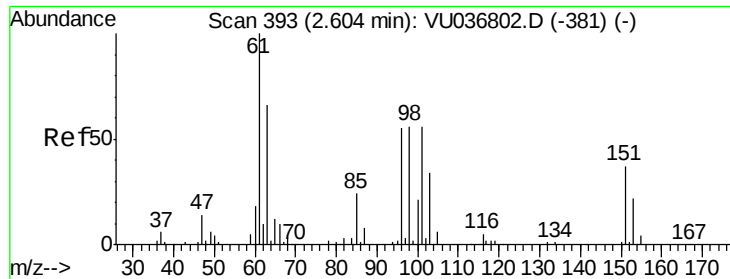
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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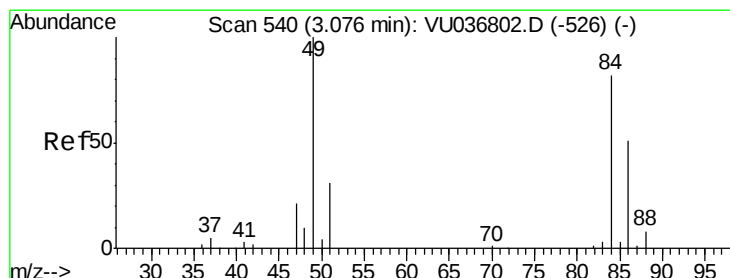
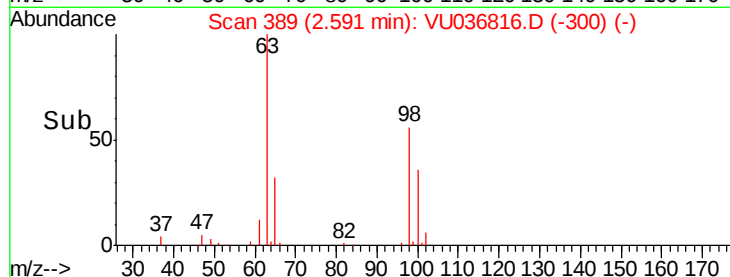
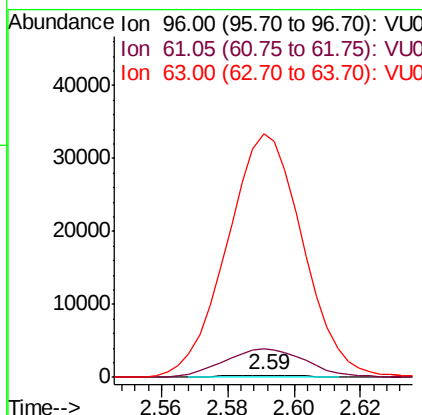
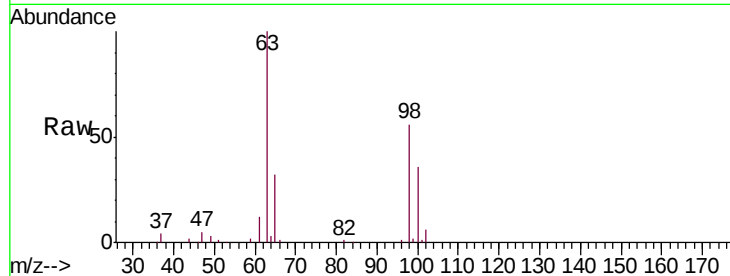




#12
 1,1-Dichloroethene
 Concen: 0.062 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VU036816.D
 Acq: 17 Feb 2020 17:48

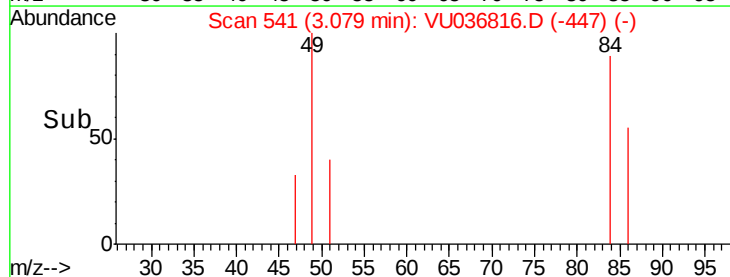
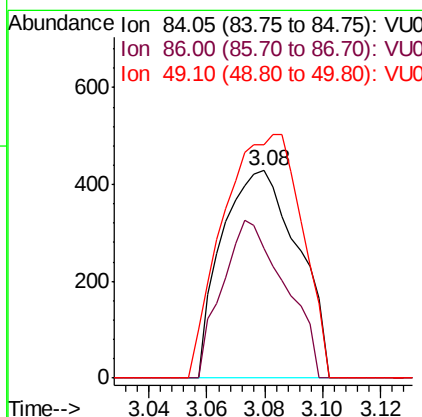
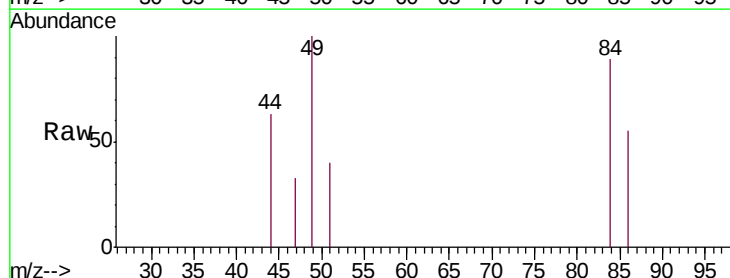
Instrument :
 MSVOA_U
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 VHBLK01

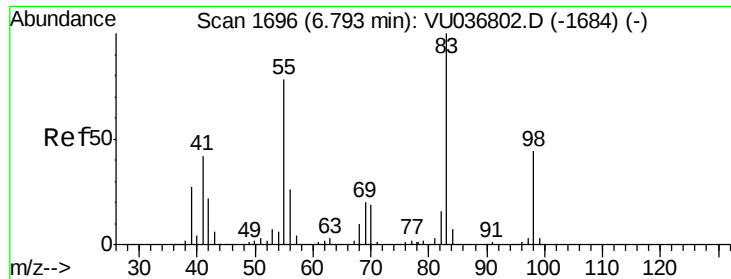
Tgt Ion: 96 Resp: 437
 Ion Ratio Lower Upper
 96 100
 61 1538.3 126.4 234.8#
 63 13043.8 89.5 166.3#



#16
 Methylene chloride
 Concen: 0.066 ug/L
 RT: 3.08 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: VU036816.D
 Acq: 17 Feb 2020 17:48

Tgt Ion: 84 Resp: 781
 Ion Ratio Lower Upper
 84 100
 86 62.4 44.7 82.9
 49 112.6 86.7 160.9

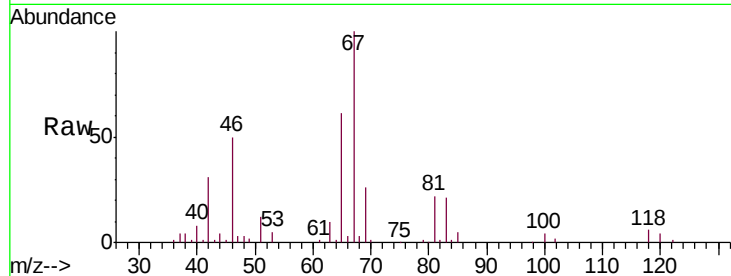




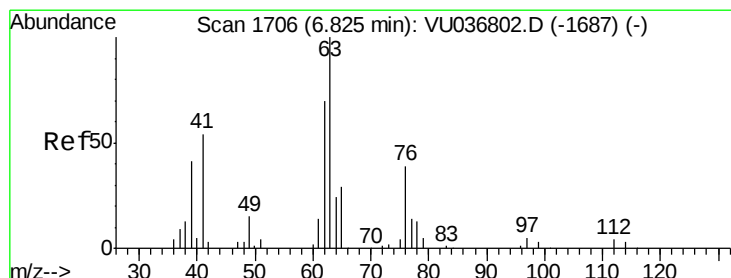
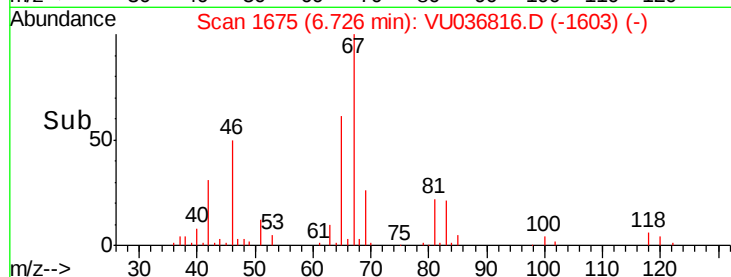
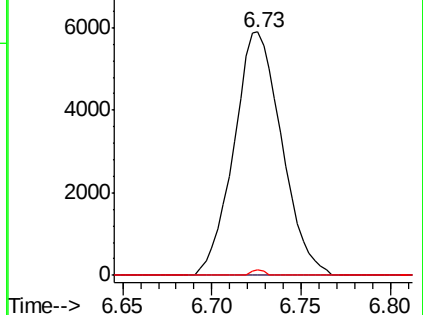
#35
Methylcyclohexane
Concen: 0.805 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036816.D
Acq: 17 Feb 2020 17:48

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 11029
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.6 34.2 51.4#

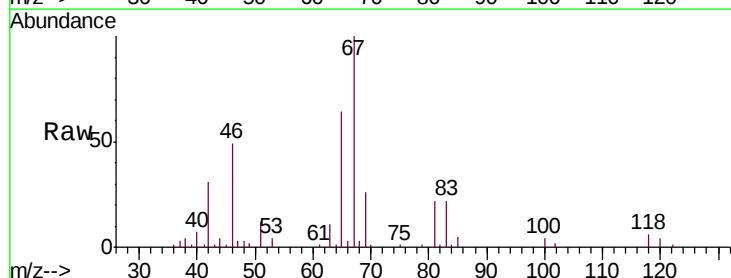


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

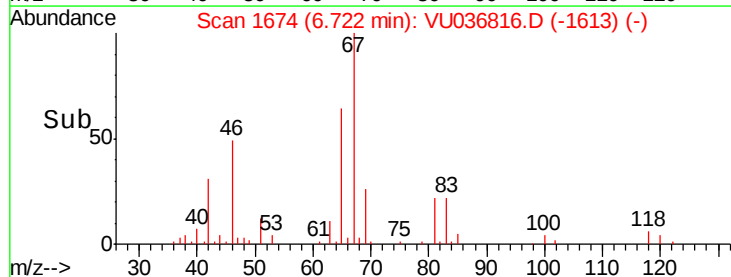
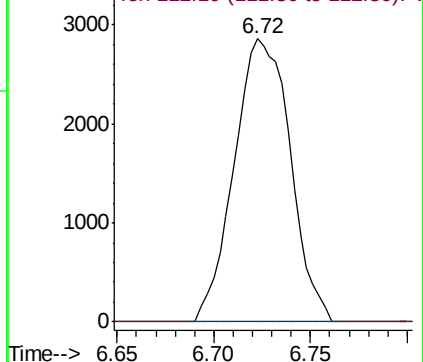


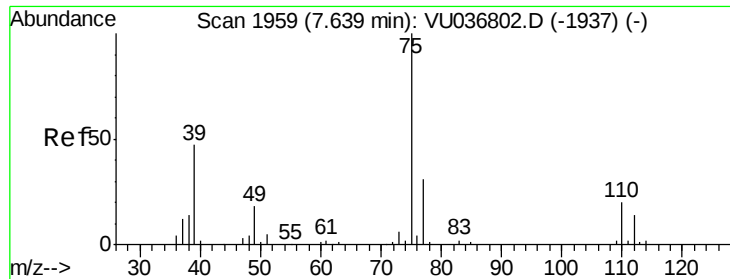
#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036816.D
Acq: 17 Feb 2020 17:48

Tgt Ion: 63 Resp: 5768
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



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: 0.093 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.05 min

Lab File: VU036816.D

Acq: 17 Feb 2020 17:48

Instrument :

MSVOA_U

ClientSampleId :

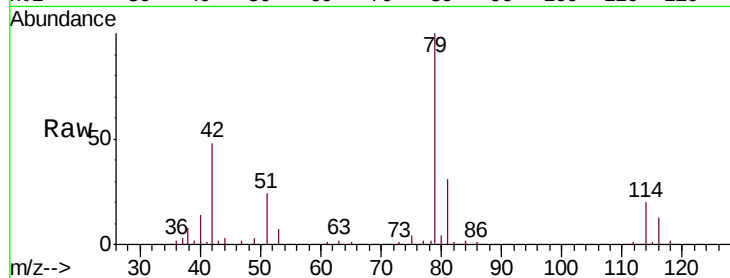
VHBLK01

Tgt Ion: 75 Resp: 1242

Ion Ratio Lower Upper

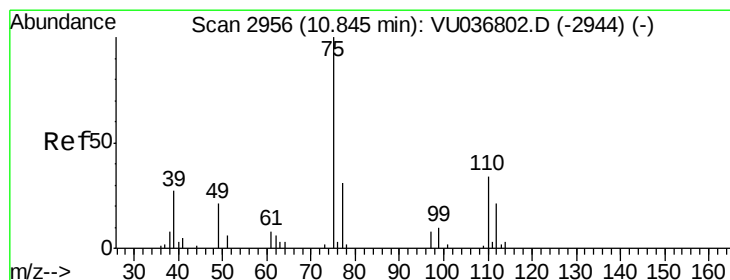
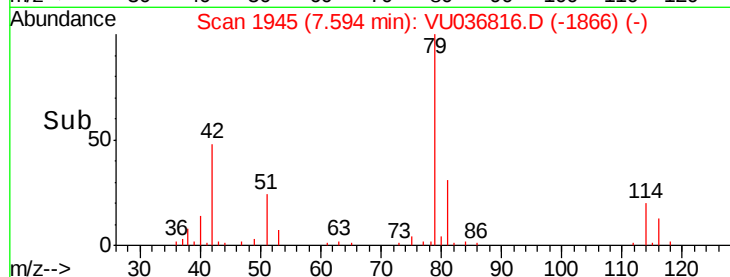
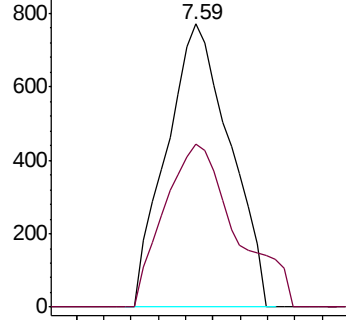
75 100

77 57.5 22.5 41.9#



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: 1.067 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

Lab File: VU036816.D

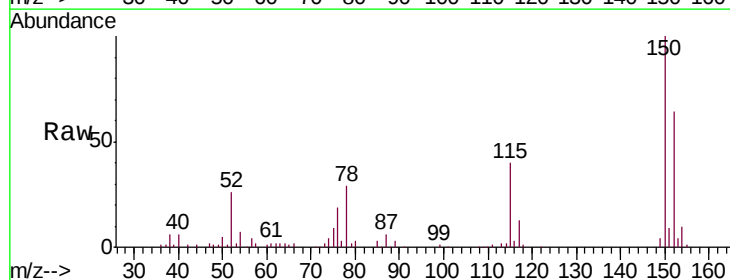
Acq: 17 Feb 2020 17:48

Tgt Ion: 75 Resp: 6522

Ion Ratio Lower Upper

75 100

77 34.8 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

