

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081920\
 Data File : VU039906.D
 Acq On : 19 Aug 2020 14:27
 Operator : SY/MD
 Sample : VIBLK40
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Aug 20 08:16:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 20 08:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71758	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69527	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32247	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30133	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.92	69	25159	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.58	63	42465	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.66	46	91222	45.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.08%
24) Chloroform-d	5.09	84	52103	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.72	65	30645	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.74	84	102600	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.70	67	33799	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.91	98	84378	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.19	79	12629	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.64	63	68304	46.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.96%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27285	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	33060	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

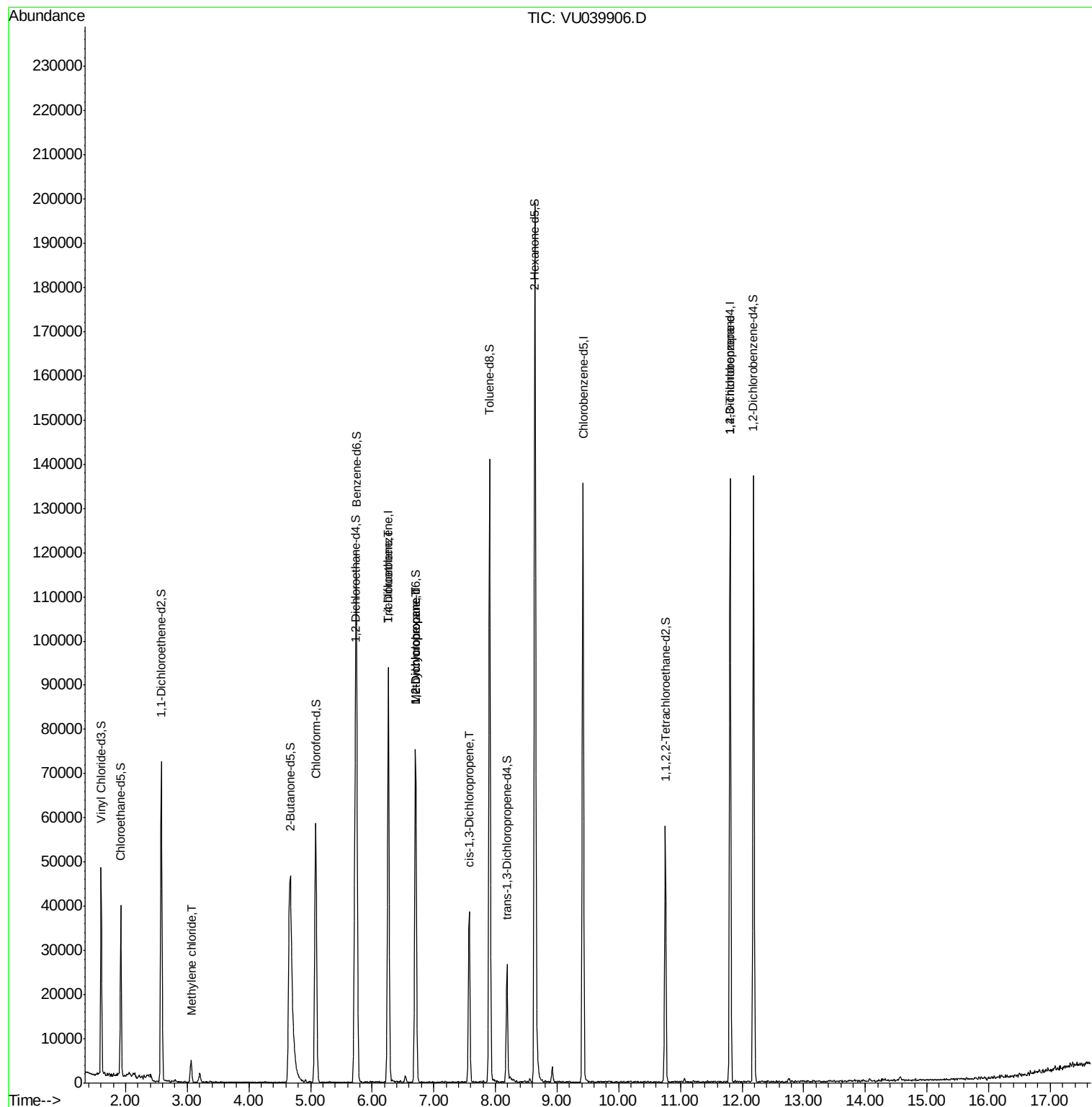
					Ovalue
16) Methylene chloride	3.06	84	2176	0.252 ug/L	93
34) Trichloroethene	6.26	95	1317	0.201 ug/L #	7
35) Methylcyclohexane	6.70	83	8370	0.833 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	3856	0.574 ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	985	0.105 ug/L	91
59) 1,2,3-Trichloropropane	11.81	75	4572	0.950 ug/L	99

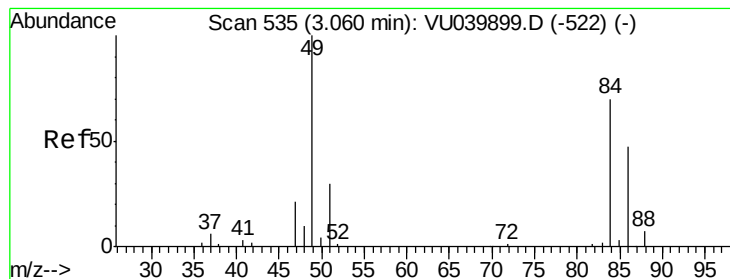
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 0.252 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039906.D

Acq: 19 Aug 2020 14:27

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

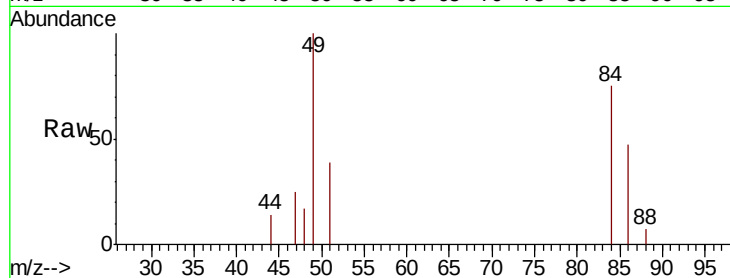
Tot Ion: 84 Resp: 2176

Ion Ratio Lower Upper

84 100

86 63.3 47.2 87.6

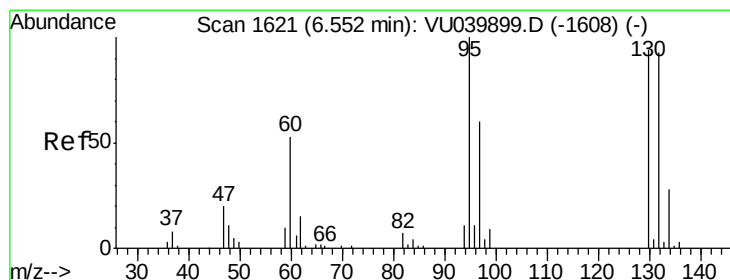
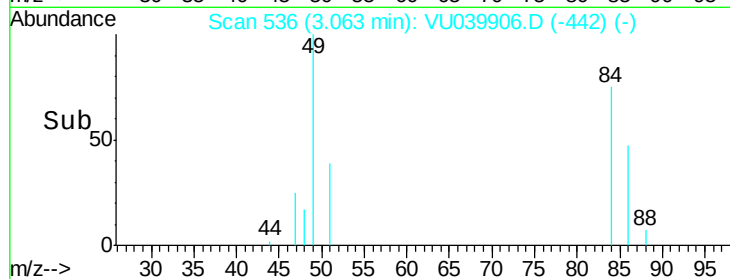
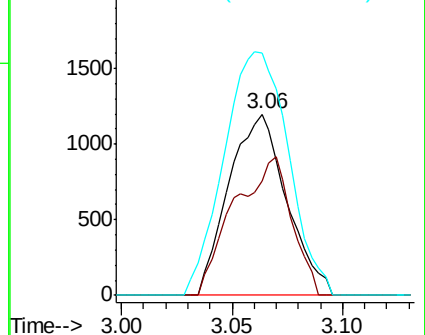
49 133.6 99.8 185.4



Abundance Ion 84.05 (83.75 to 84.75): VU039899.D (-522) (-)

Ion 86.00 (85.70 to 86.70): VU039899.D (-522) (-)

Ion 49.10 (48.80 to 49.80): VU039899.D (-522) (-)



#34

Trichloroethene

Concen: 0.201 ug/L

RT: 6.26 min Scan# 1531

Delta R.T. -0.29 min

Lab File: VU039906.D

Acq: 19 Aug 2020 14:27

Tgt Ion: 95 Resp: 1317

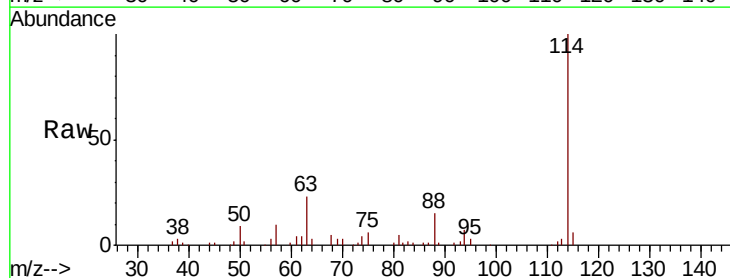
Ion Ratio Lower Upper

95 100

97 0.0 42.0 78.0#

132 0.0 65.0 120.8#

130 0.0 65.5 121.7#

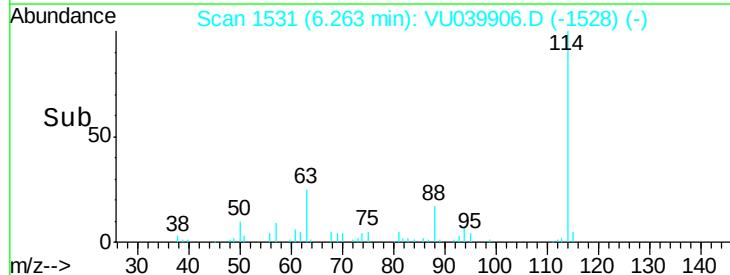
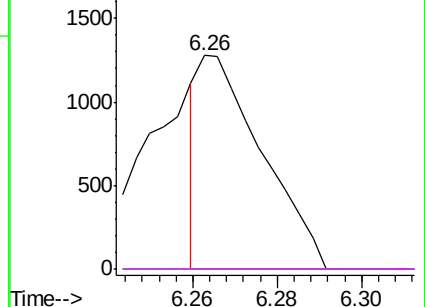


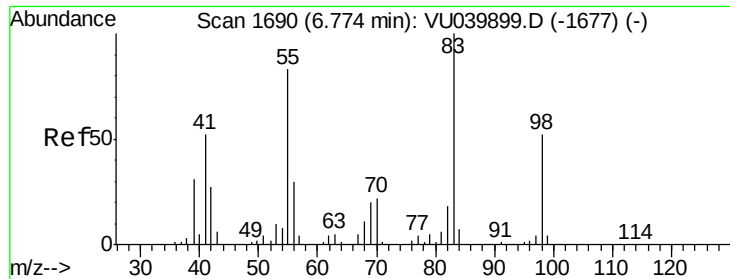
Abundance Ion 95.00 (94.70 to 95.70): VU039899.D (-1608) (-)

Ion 96.95 (96.65 to 97.65): VU039899.D (-1608) (-)

Ion 131.95 (131.65 to 132.65): VU039899.D (-1608) (-)

Ion 129.95 (129.65 to 130.65): VU039899.D (-1608) (-)

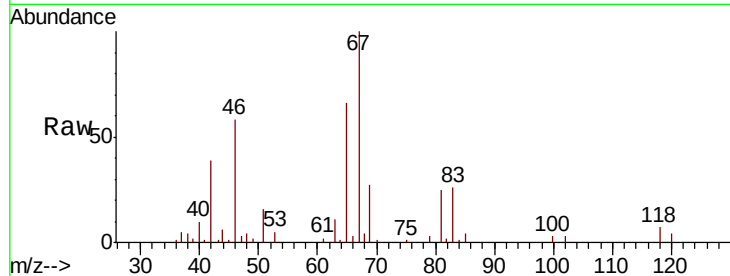




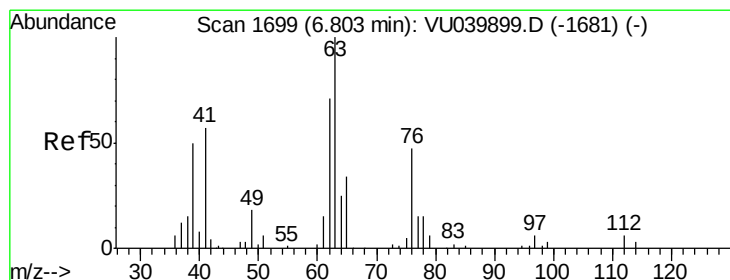
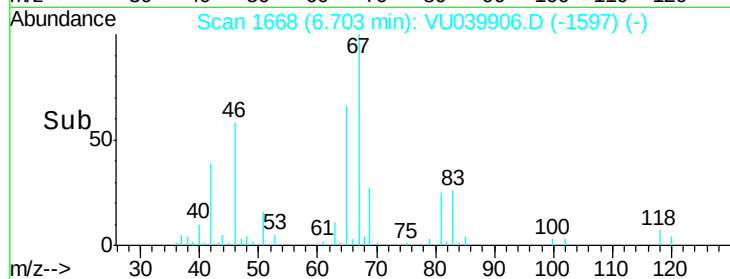
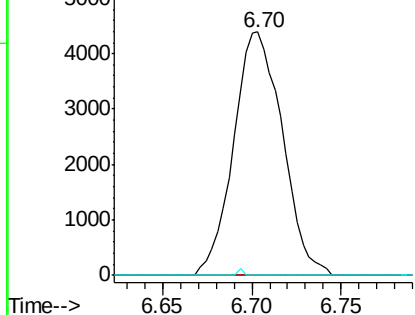
#35
Methylvlcyclohexane
Concen: 0.833 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039906.D
Acq: 19 Aug 2020 14:27

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VIBLK40

Tot Ion: 83 Resp: 8370
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 0.3 39.4 59.0#

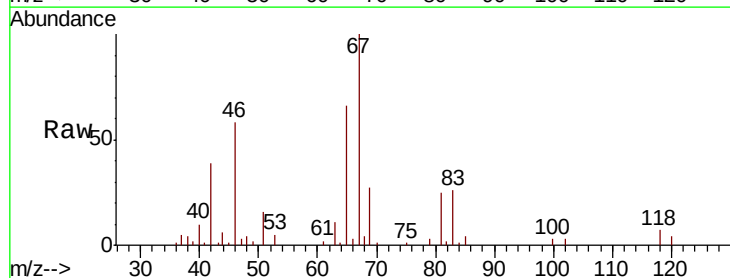


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

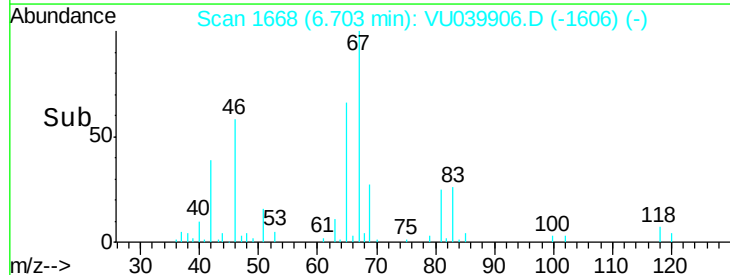
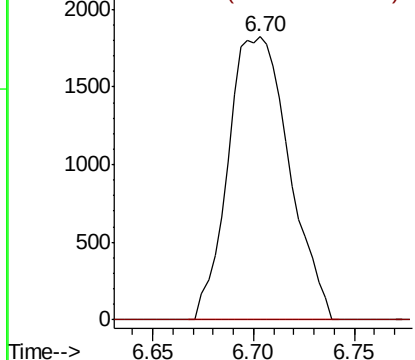


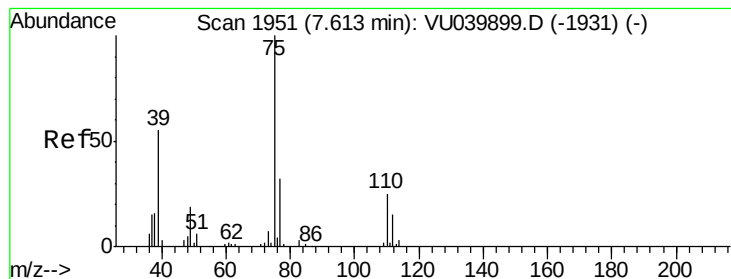
#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039906.D
Acq: 19 Aug 2020 14:27

Tgt Ion: 63 Resp: 3856
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



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: 0.105 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU039906.D

Acq: 19 Aug 2020 14:27

Instrument :

MSVOA_U

ClientSampleId :

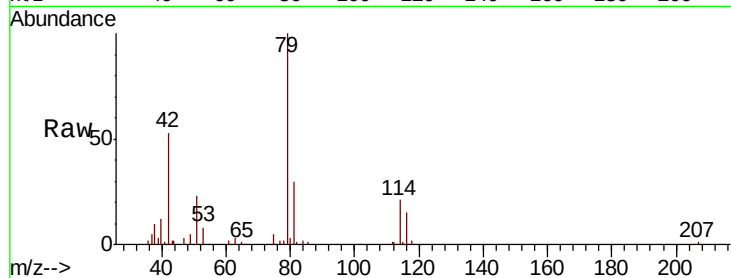
VIBLK40

Tot Ion: 75 Resp: 985

Ion Ratio Lower Upper

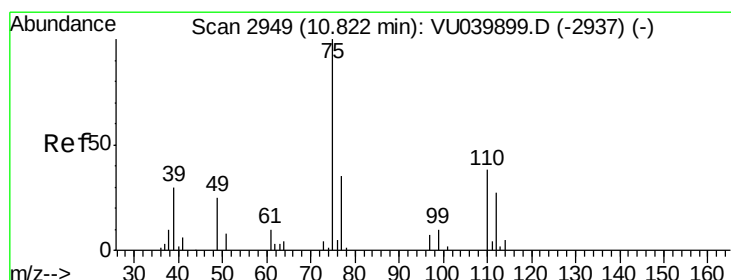
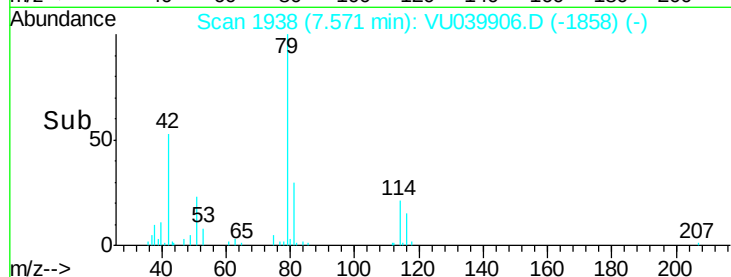
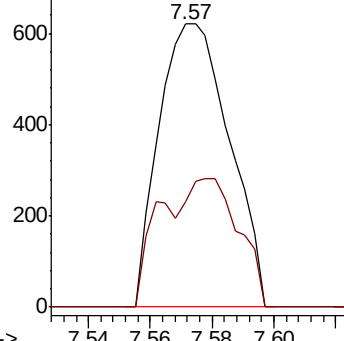
75 100

77 37.2 22.6 42.0



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: 0.950 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039906.D

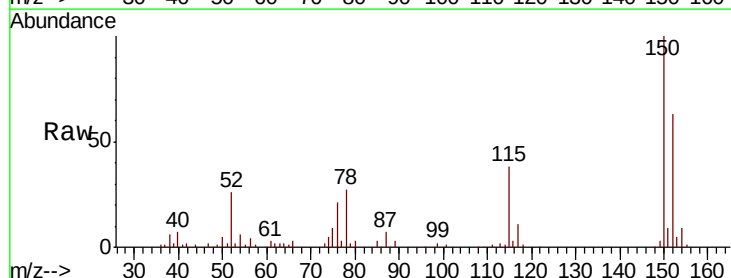
Acq: 19 Aug 2020 14:27

Tgt Ion: 75 Resp: 4572

Ion Ratio Lower Upper

75 100

77 35.1 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

