

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039528.D
 Acq On : 16 Jul 2020 16:51
 Operator : SY/MD
 Sample : L3292-09 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT85

Quant Time: Jul 17 01:11:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 01:06:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	94578	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	90459	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41271	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19384	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.93	69	23523	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.58	63	33059	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.66	46	106363	42.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.82%
24) Chloroform-d	5.09	84	49321	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.72	65	32872	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.75	84	96771	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.71	67	33565	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.91	98	84690	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.19	79	12714	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.64	63	74258	37.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.10%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	30168	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	34284	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

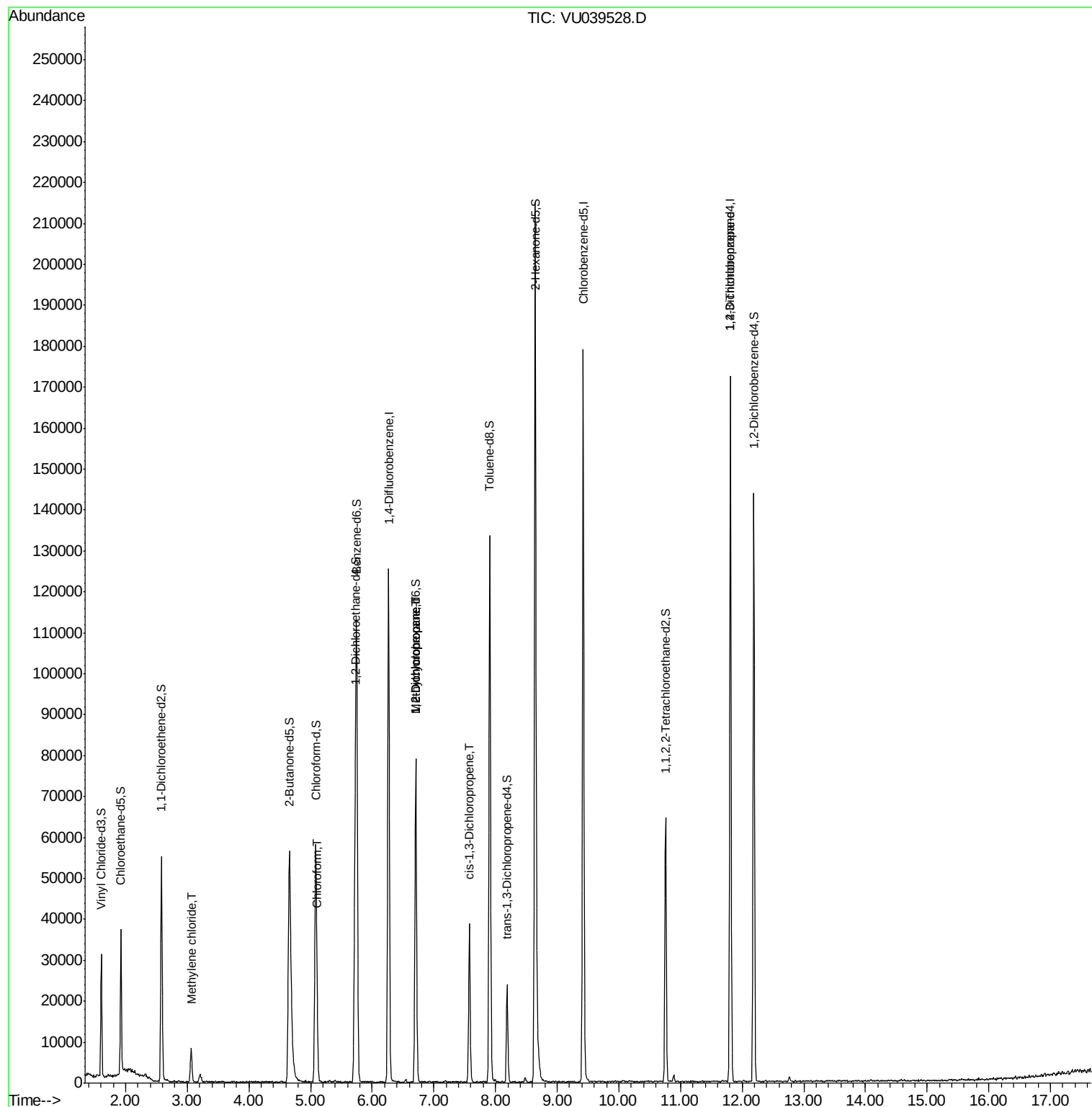
					Ovalue
16) Methylene chloride	3.06	84	3202	0.453 ug/L	97
25) Chloroform	5.11	83	4044	0.329 ug/L	88
35) Methylcyclohexane	6.70	83	7414	0.662 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4211	0.571 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1220	0.109 ug/L	83
59) 1,2,3-Trichloropropane	11.81	75	6698	1.233 ug/L	96

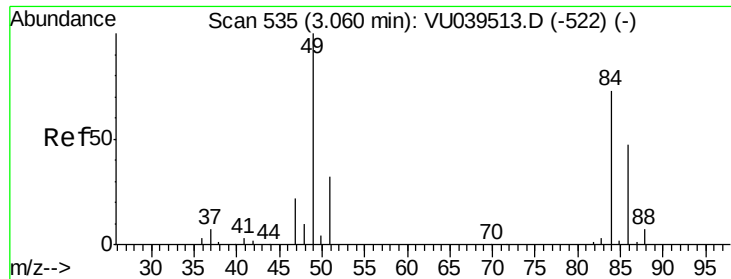
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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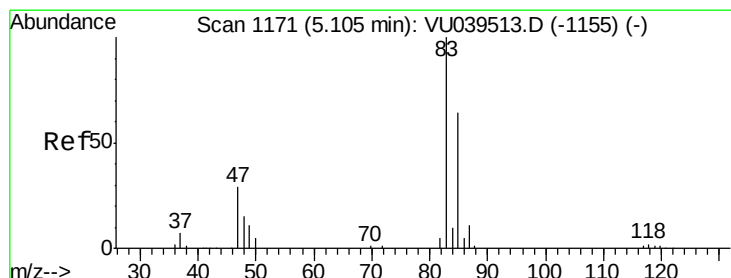
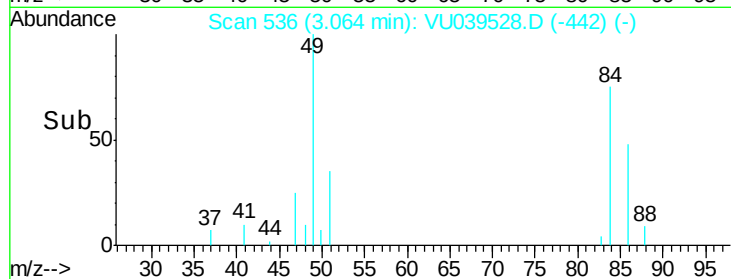
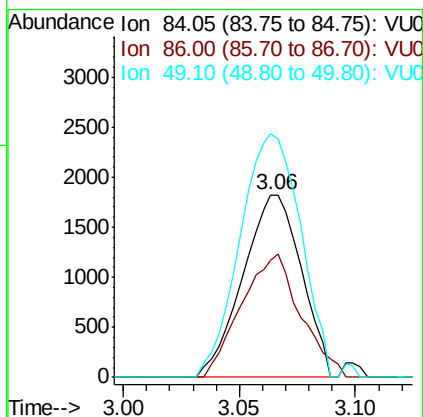
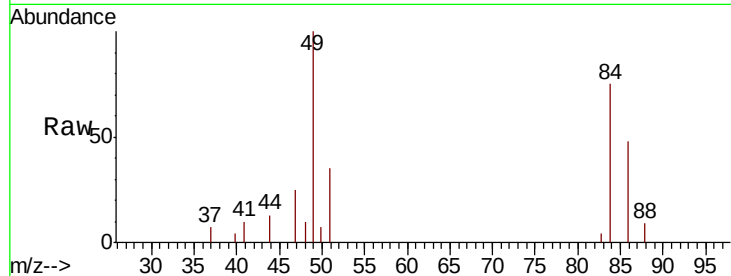




#16
Methylene chloride
Concen: 0.453 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039528.D
Acq: 16 Jul 2020 16:51

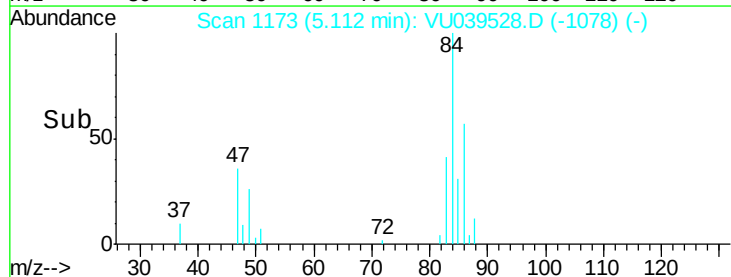
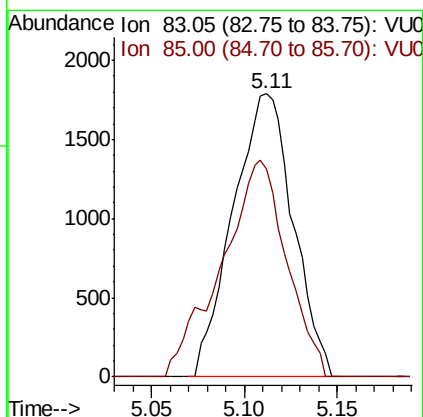
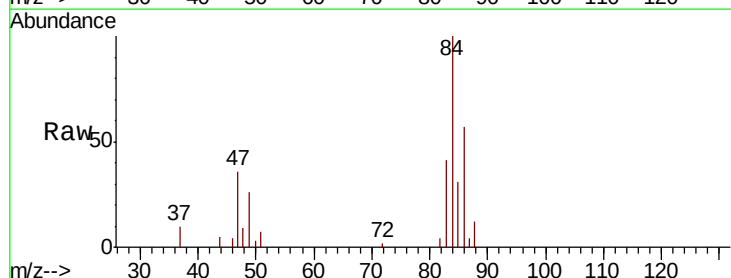
Instrument :
MSVOA_U
ClientSampled :
BFT85

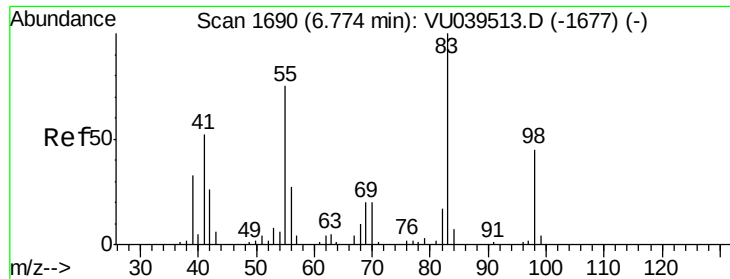
Tot Ion: 84 Resp: 3202
Ion Ratio Lower Upper
84 100
86 64.1 43.5 80.9
49 133.4 91.1 169.1



#25
Chloroform
Concen: 0.329 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039528.D
Acq: 16 Jul 2020 16:51

Tgt Ion: 83 Resp: 4044
Ion Ratio Lower Upper
83 100
85 73.7 44.9 83.5

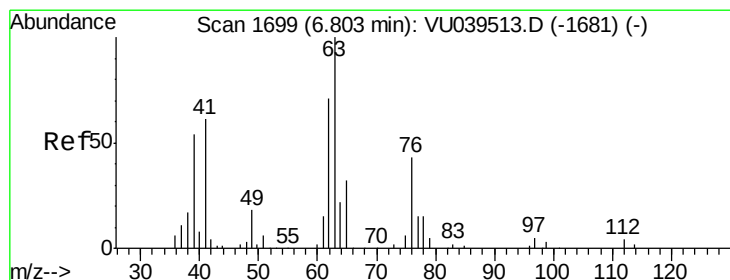
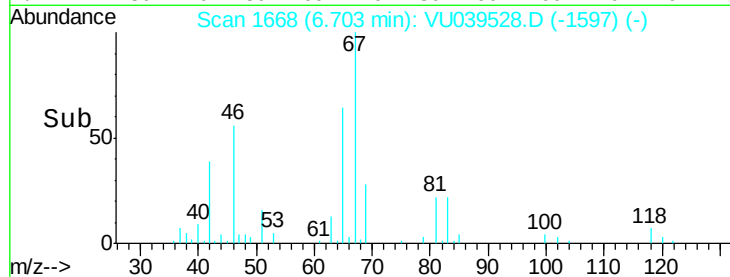
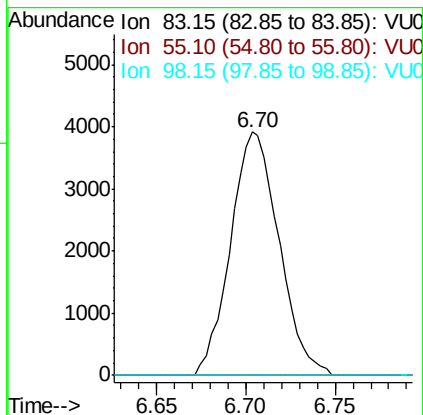
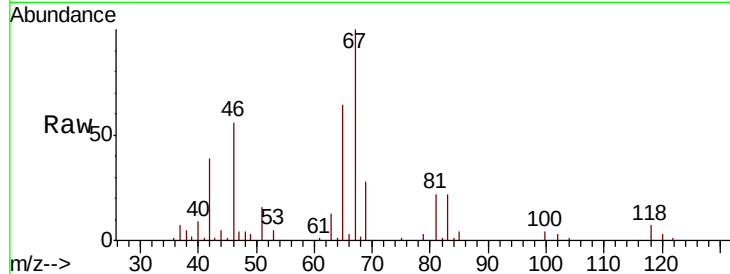




#35
Methylvlcyclohexane
Concen: 0.662 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039528.D
Acq: 16 Jul 2020 16:51

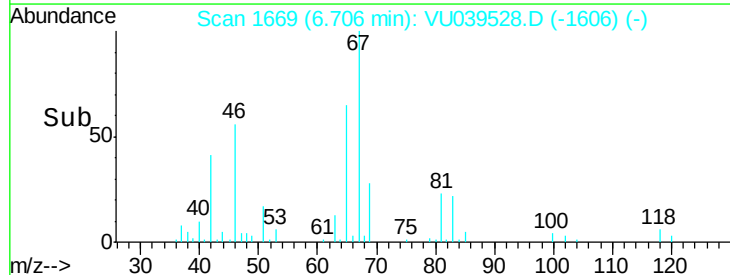
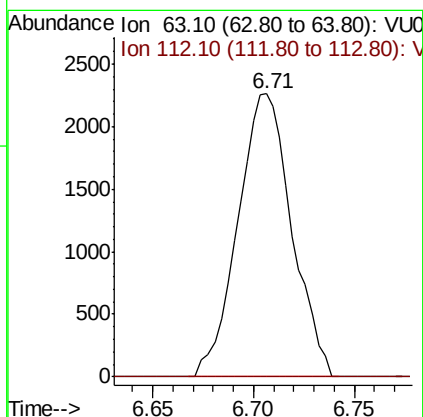
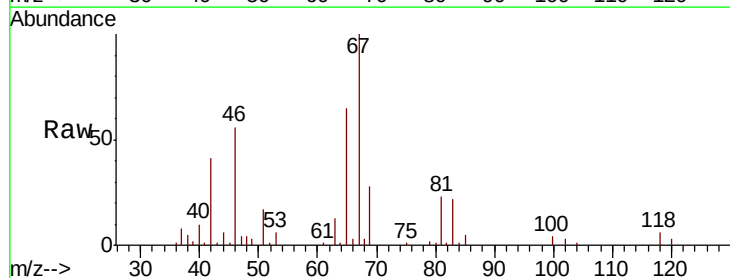
Instrument :
MSVOA_U
ClientSampleId :
BFT85

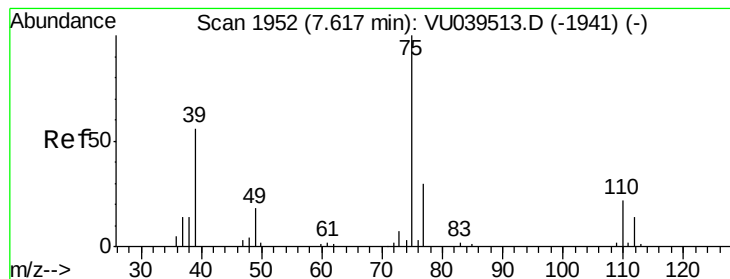
Tot Ion: 83 Resp: 7414
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.3 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039528.D
Acq: 16 Jul 2020 16:51

Tgt Ion: 63 Resp: 4211
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#





#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039528.D

Acq: 16 Jul 2020 16:51

Instrument :

MSVOA_U

ClientSampleId :

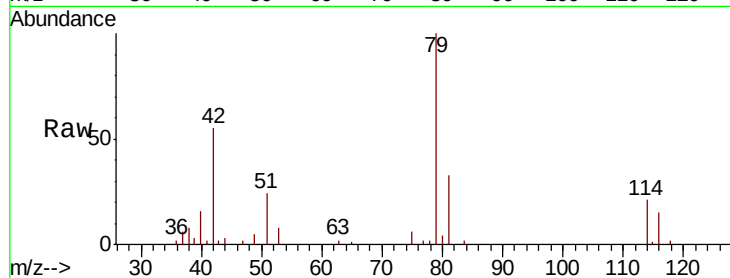
BFT85

Tot Ion: 75 Resp: 1220

Ion Ratio Lower Upper

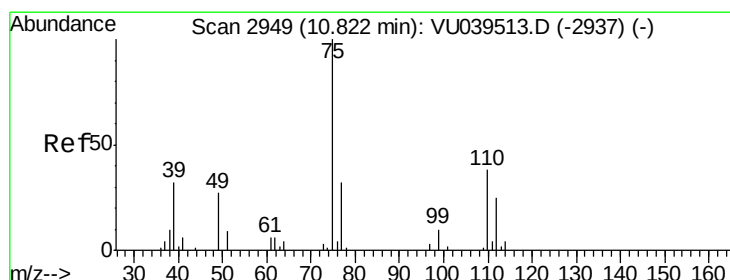
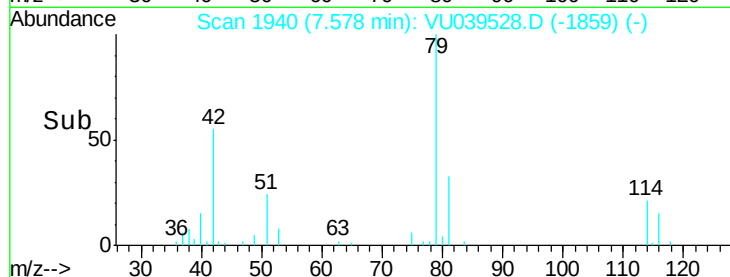
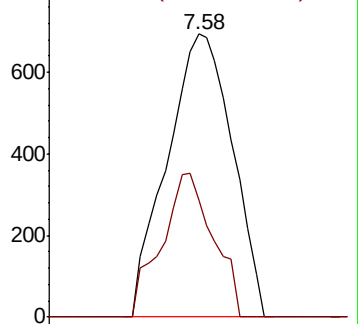
75 100

77 41.1 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: 1.233 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039528.D

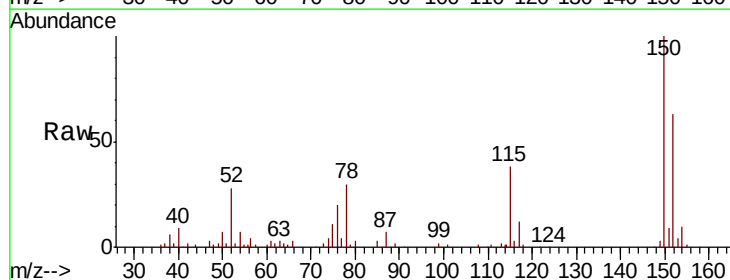
Acq: 16 Jul 2020 16:51

Tgt Ion: 75 Resp: 6698

Ion Ratio Lower Upper

75 100

77 36.0 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

