

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039041.D
 Acq On : 23 Jun 2020 15:36
 Operator : SY/MD
 Sample : VU0623WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK17

Quant Time: Jun 24 01:14:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 01:05:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	279926	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	275861	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	117967	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95967	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.93	69	81583	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.59	63	138653	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.67	46	388267	52.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.96%
24) Chloroform-d	5.10	84	189190	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.74	65	119881	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.76	84	367769	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.72	67	124235	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.92	98	291571	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.20	79	51986	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.65	63	306981	53.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115060	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	114580	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

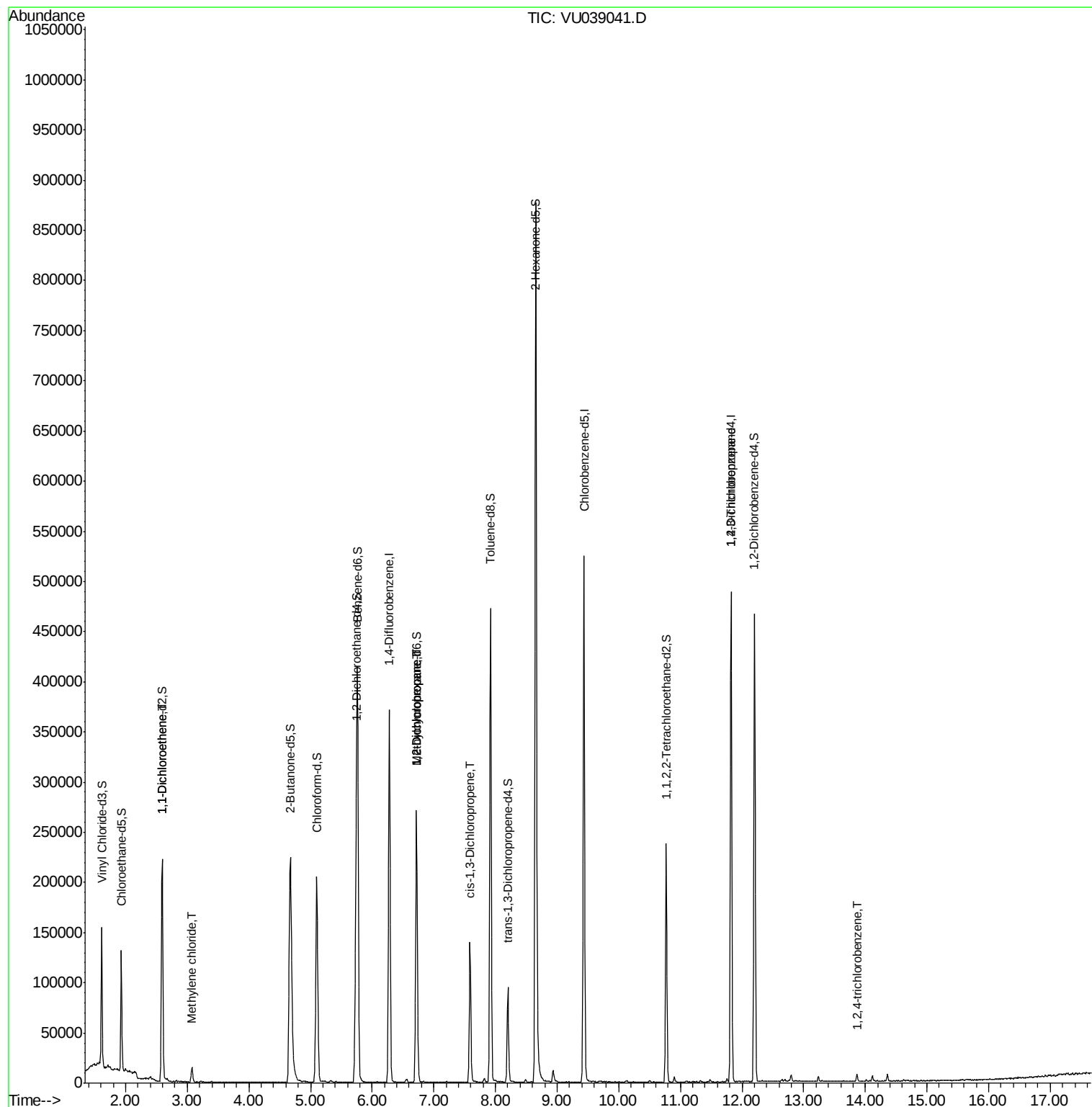
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1338	0.069 ug/L #	1
16) Methylene chloride	3.08	84	6555	0.274 ug/L	92
35) Methylcyclohexane	6.72	83	28963	0.931 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14027	0.597 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3777	0.116 ug/L #	50
59) 1,2,3-Trichloropropane	11.82	75	17651	0.997 ug/L	94
68) 1,2,4-trichlorobenzene	13.86	180	2105	0.089 ug/L	92

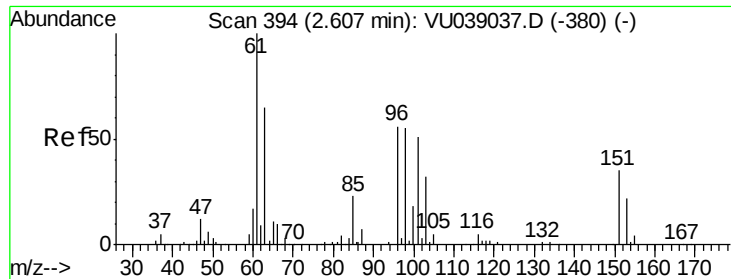
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062320\
Data File : VU039041.D
Acq On : 23 Jun 2020 15:36
Operator : SY/MD
Sample : VU0623WBL01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK17

Quant Time: Jun 24 01:14:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 24 01:05:38 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.069 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU039041.D

Acq: 23 Jun 2020 15:36

Instrument :

MSVOA_U

ClientSampled :

VBLK17

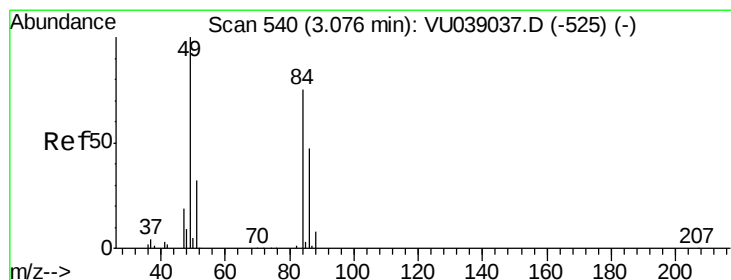
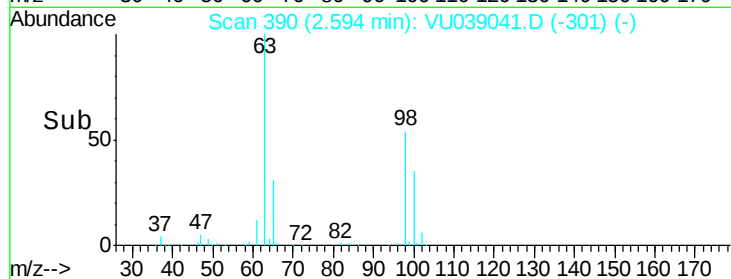
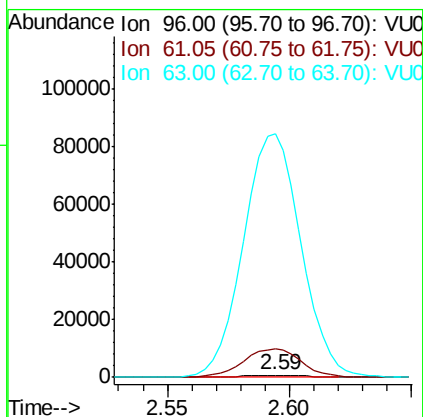
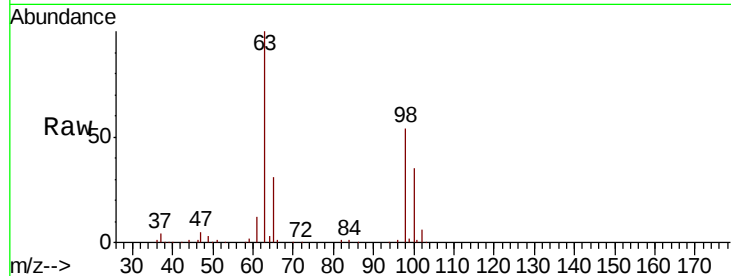
Tot Ion: 96 Resp: 1338

Ion Ratio Lower Upper

96 100

61 1314.7 125.1 232.3#

63 11405.4 82.3 152.8#



#16

Methylene chloride

Concen: 0.274 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU039041.D

Acq: 23 Jun 2020 15:36

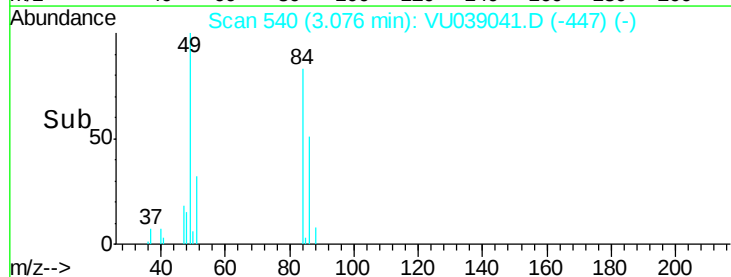
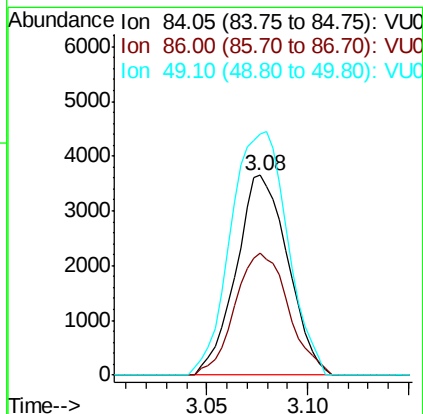
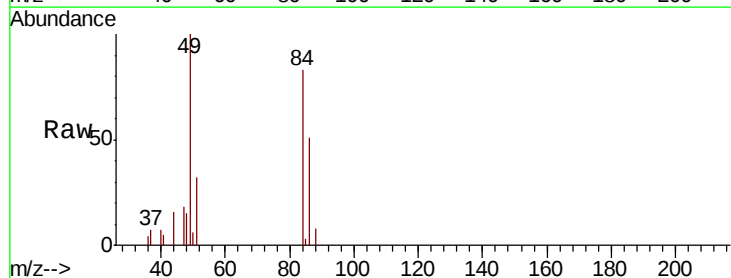
Tgt Ion: 84 Resp: 6555

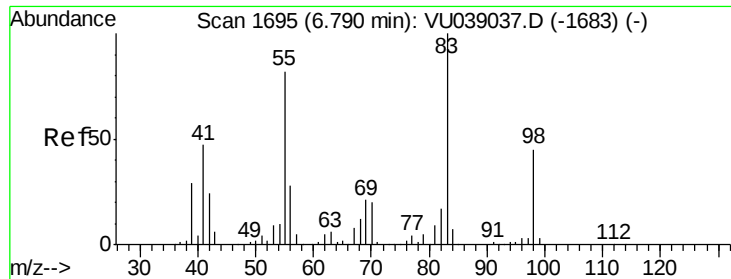
Ion Ratio Lower Upper

84 100

86 61.1 44.1 81.9

49 120.7 93.1 172.9

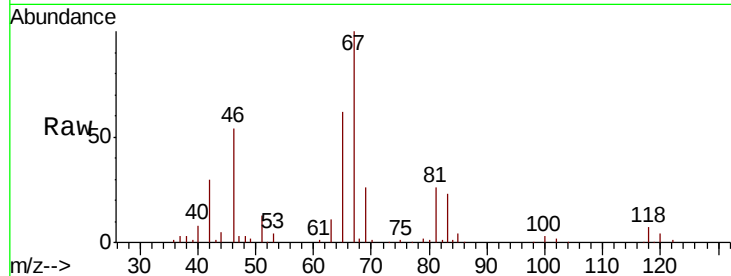




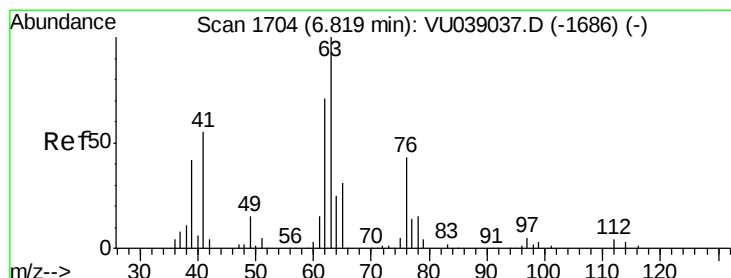
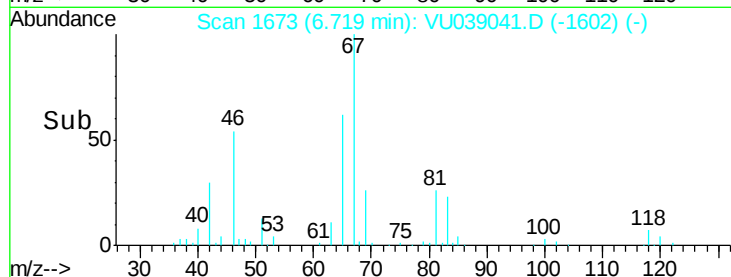
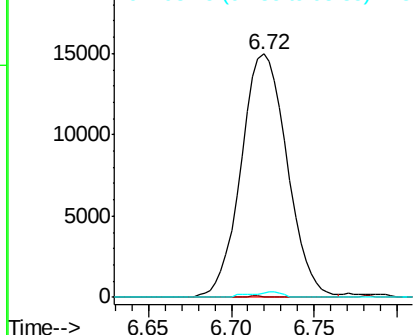
#35
Methvlcvclohexane
Concen: 0.931 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039041.D
Acq: 23 Jun 2020 15:36

Instrument :
MSVOA_U
ClientSampleId :
VBLK17

Tot Ion	83	Resp	28963
Ion Ratio	Lower	Upper	
83	100		
55	0.1	65.5	98.3#
98	1.5	36.5	54.7#

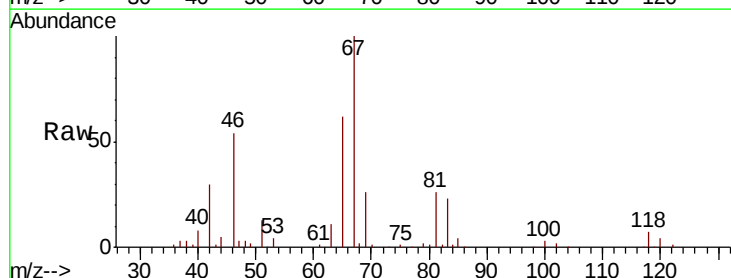


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

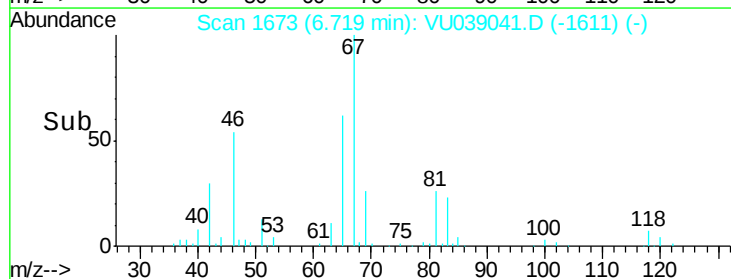
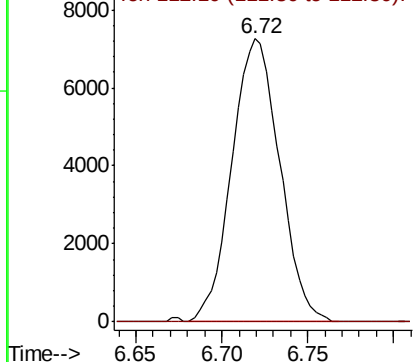


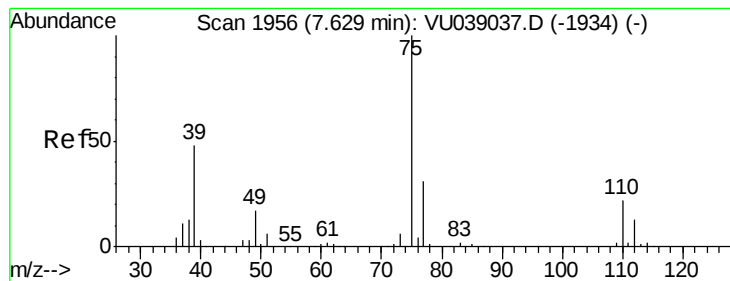
#37
1,2-Dichloropropane
Concen: 0.597 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039041.D
Acq: 23 Jun 2020 15:36

Tgt Ion	63	Resp	14027
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.4	5.2#



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: 0.116 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU039041.D

Acq: 23 Jun 2020 15:36

Instrument :

MSVOA_U

ClientSampleId :

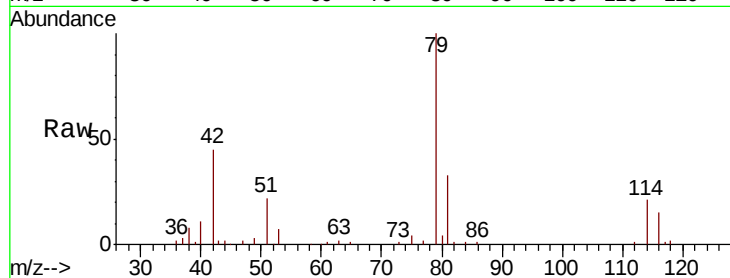
VBLK17

Tot Ion: 75 Resp: 3777

Ion Ratio Lower Upper

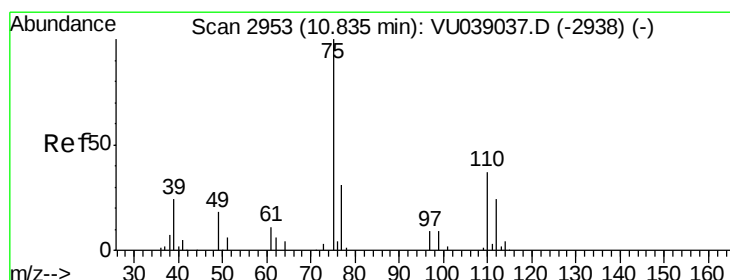
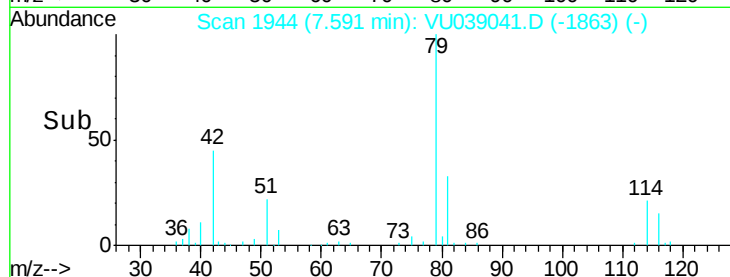
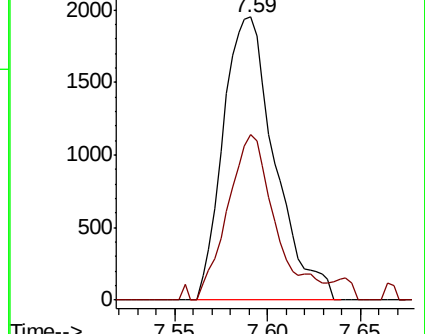
75 100

77 58.4 21.6 40.0#



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: 0.997 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.99 min

Lab File: VU039041.D

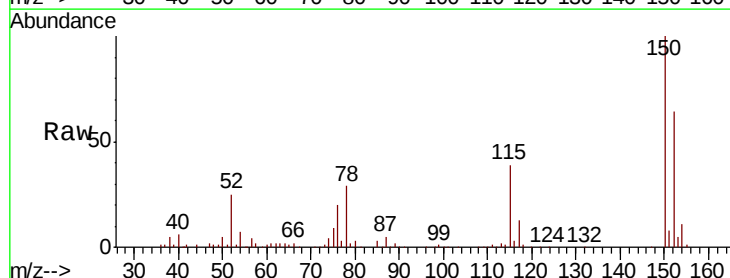
Acq: 23 Jun 2020 15:36

Tgt Ion: 75 Resp: 17651

Ion Ratio Lower Upper

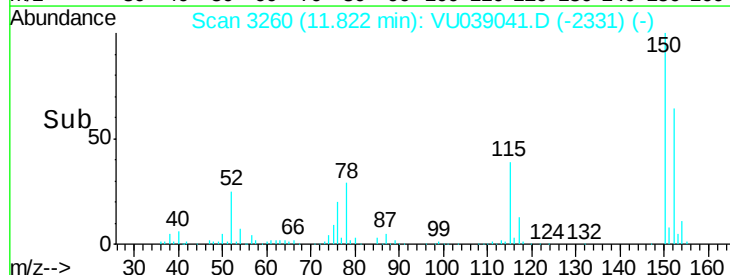
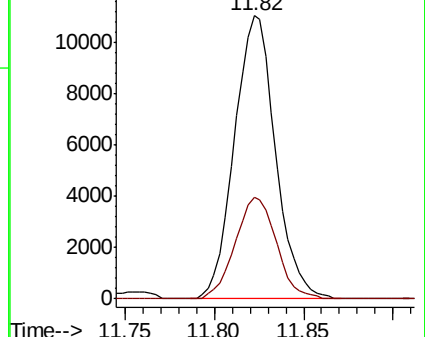
75 100

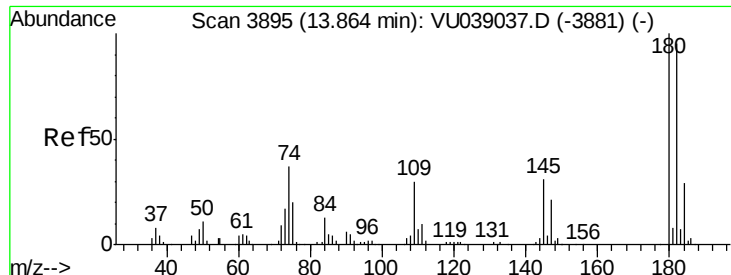
77 36.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#68

1,2,4-trichlorobenzene

Concen: 0.089 ug/L

RT: 13.86 min Scan# 3895

Delta R.T. 0.00 min

Lab File: VU039041.D

Acq: 23 Jun 2020 15:36

Instrument :

MSVOA_U

ClientSampleId :

VBLK17

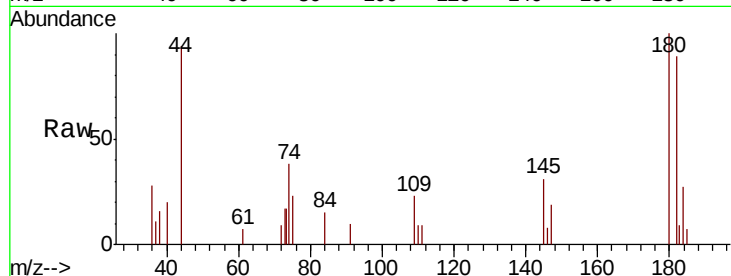
Tot Ion:180 Resp: 2105

Ion Ratio Lower Upper

180 100

182 86.8 77.0 115.6

145 32.9 25.4 38.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

