

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061020\
 Data File : VU038771.D
 Acq On : 10 Jun 2020 11:51
 Operator : SY/MD
 Sample : L2897-22DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0M1DL

Quant Time: Jun 11 00:53:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 00:28:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	582435	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	562887	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	259253	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	129571	39.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.64%
7) Chloroethane-d5	1.93	69	114152	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.44%
11) 1,1-Dichloroethene-d2	2.59	63	225794	31.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.68%
21) 2-Butanone-d5	4.66	46	309266	97.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.69%
24) Chloroform-d	5.10	84	314053	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	5.74	65	216738	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
32) Benzene-d6	5.76	84	634422	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.58%
36) 1,2-Dichloropropane-d6	6.72	67	196996	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.28%
41) Toluene-d8	7.92	98	553674	45.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.38%
43) trans-1,3-Dichloropropene-	8.20	79	93146	44.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.54%
47) 2-Hexanone-d5	8.65	63	224475	100.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	285634	45.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.64%
64) 1,2-Dichlorobenzene-d4	12.20	152	220755	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%

Target Compounds

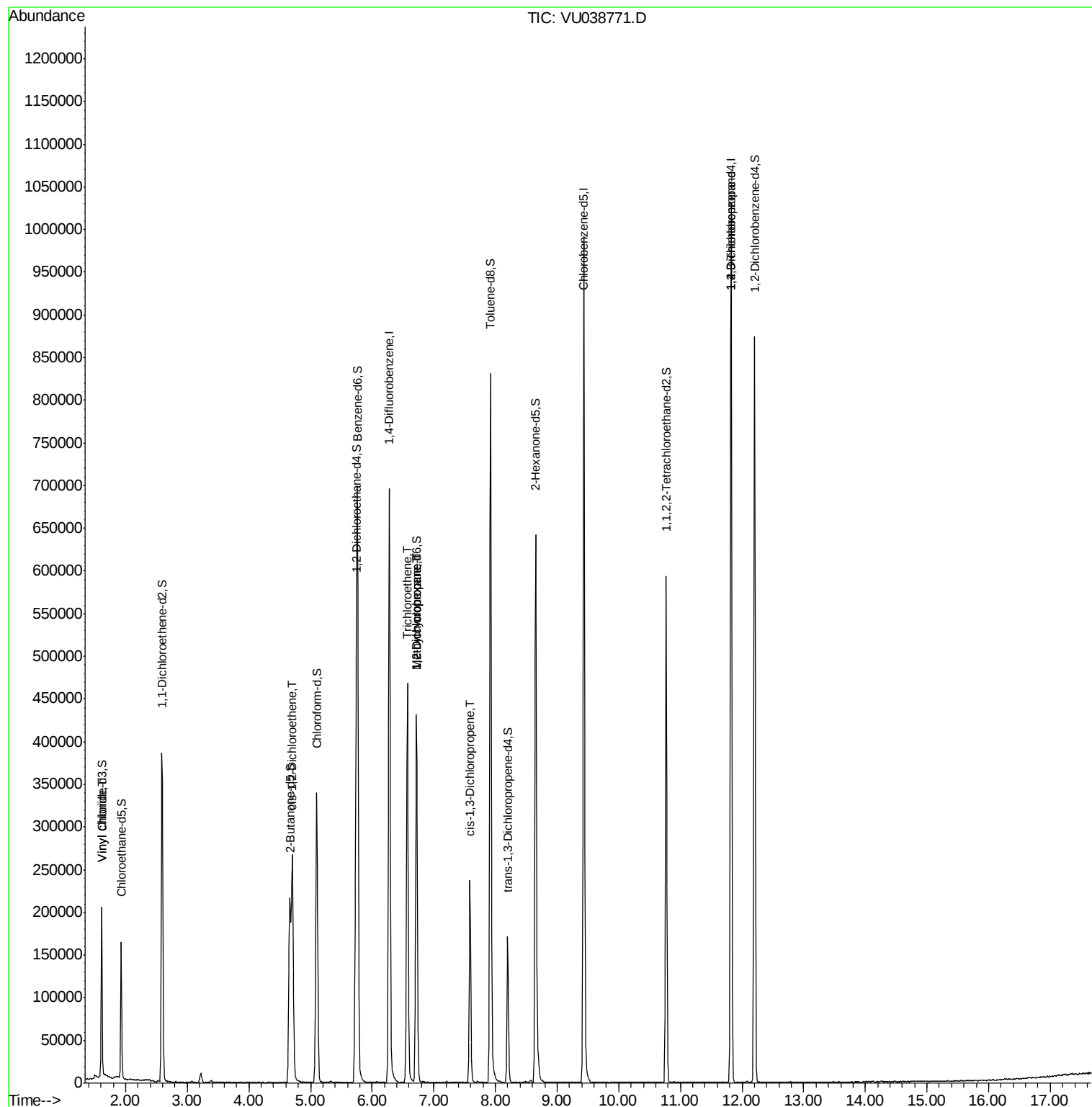
					Ovalue
5) Vinyl chloride	1.62	62	6205	1.332 ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	126509	28.368 ug/L	99
34) Trichloroethene	6.57	95	155037	36.469 ug/L	98
35) Methylcyclohexane	6.72	83	47578	7.421 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	22888	5.255 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	6285	0.936 ug/L	86
59) 1,2,3-Trichloropropane	11.82	75	32747	5.362 ug/L	90

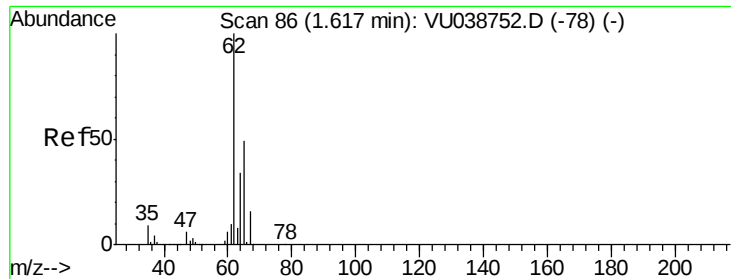
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 00:28:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.332 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038771.D

Acq: 10 Jun 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

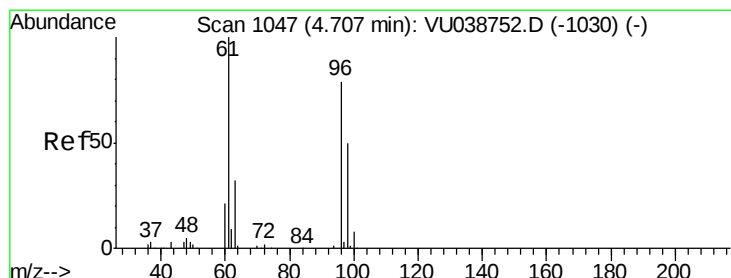
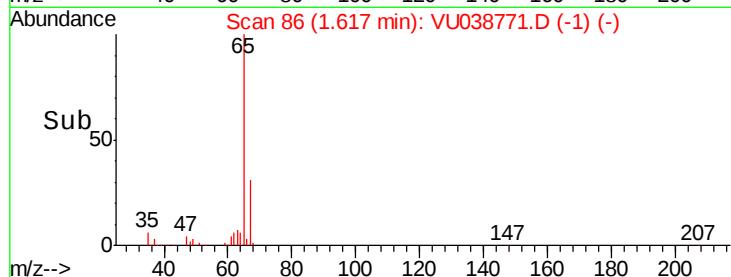
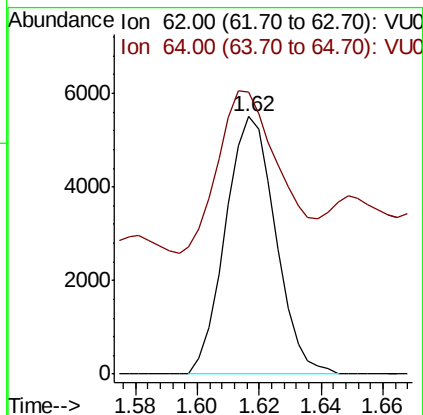
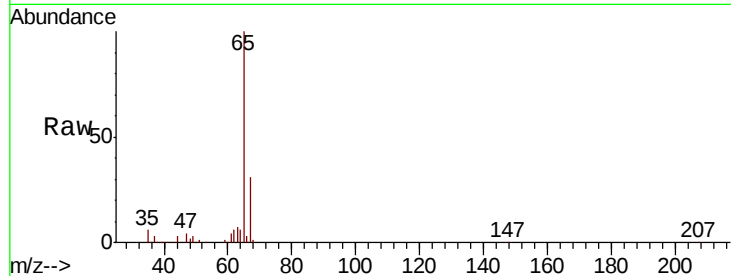
EW0M1DL

Tot Ion: 62 Resp: 6205

Ion Ratio Lower Upper

62 100

64 109.6 23.0 42.8#



#20

cis-1,2-Dichloroethene

Concen: 28.368 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038771.D

Acq: 10 Jun 2020 11:51

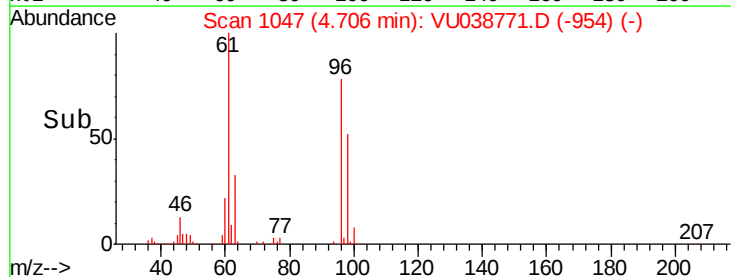
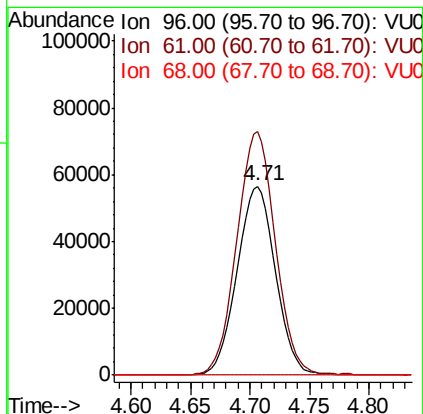
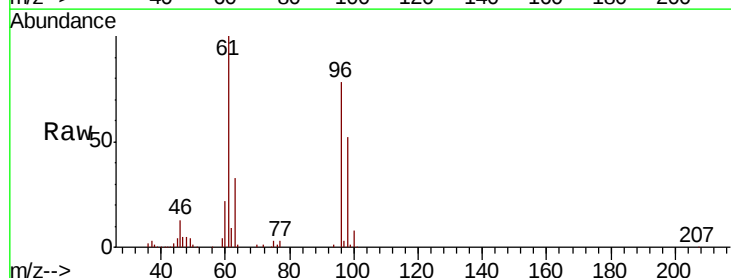
Tgt Ion: 96 Resp: 126509

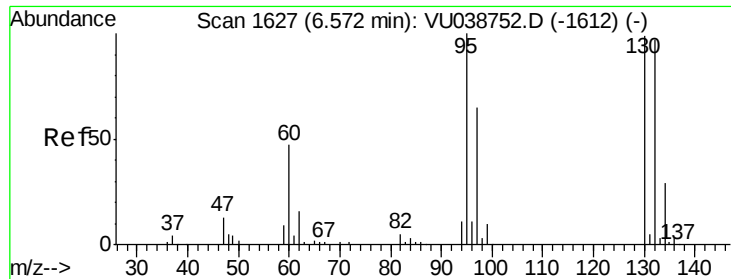
Ion Ratio Lower Upper

96 100

61 129.0 89.5 166.1

68 0.0 0.0 0.0

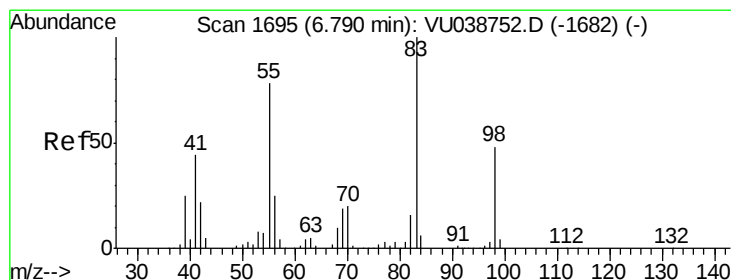
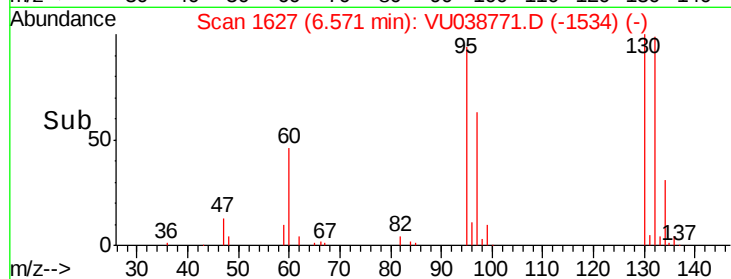
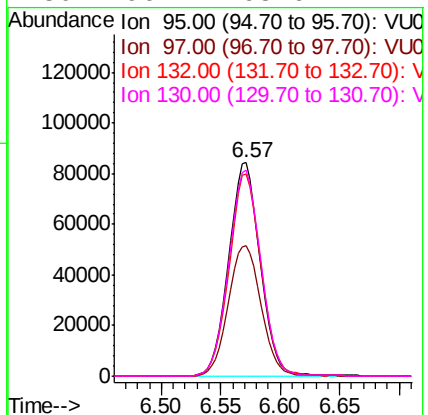
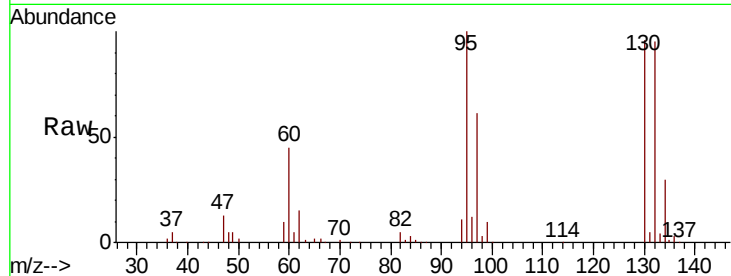




#34
 Trichloroethene
 Concen: 36.469 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038771.D
 Acq: 10 Jun 2020 11:51

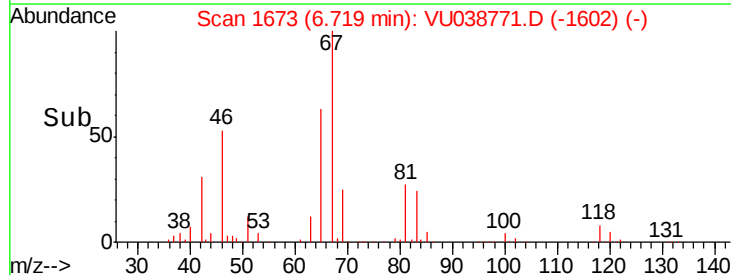
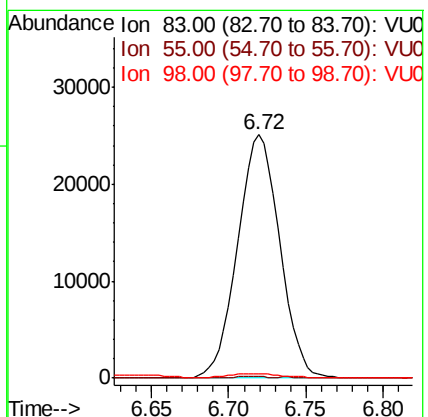
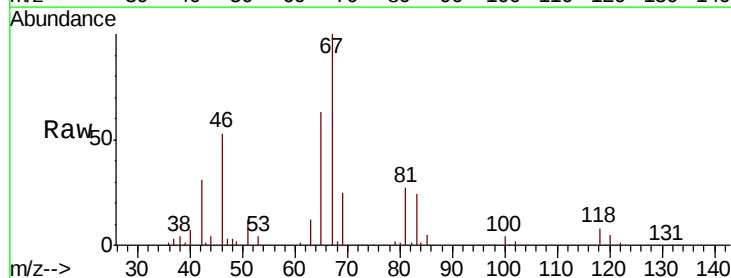
Instrument :
 MSVOA_U
 ClientSampleId :
 EW0M1DL

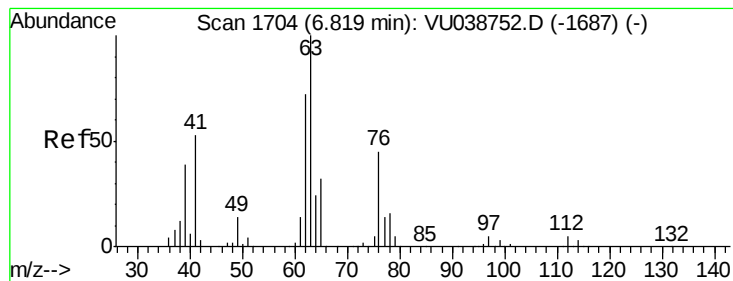
Tot Ion: 95 Resp: 155037
 Ion Ratio Lower Upper
 95 100
 97 60.9 44.4 82.4
 132 94.8 64.9 120.5
 130 96.2 68.6 127.4



#35
 Methylcyclohexane
 Concen: 7.421 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.07 min
 Lab File: VU038771.D
 Acq: 10 Jun 2020 11:51

Tgt Ion: 83 Resp: 47578
 Ion Ratio Lower Upper
 83 100
 55 0.4 63.2 94.8#
 98 2.2 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.255 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038771.D

Acq: 10 Jun 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

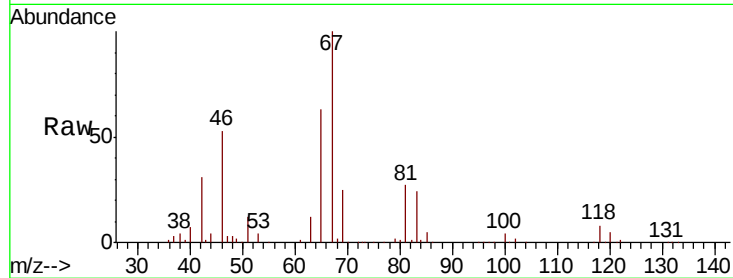
EW0M1DL

Tot Ion: 63 Resp: 22888

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU038771.D (-1673) (-)

Ion 112.00 (111.70 to 112.70): VU038771.D (-1673) (-)

6.72

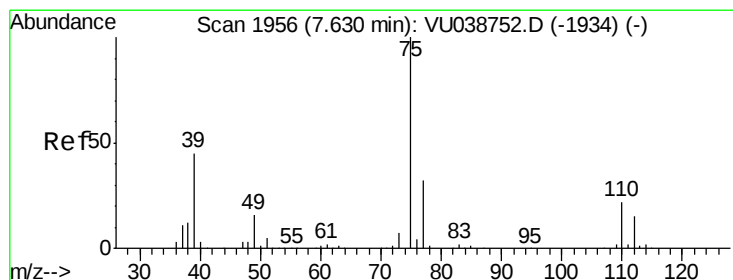
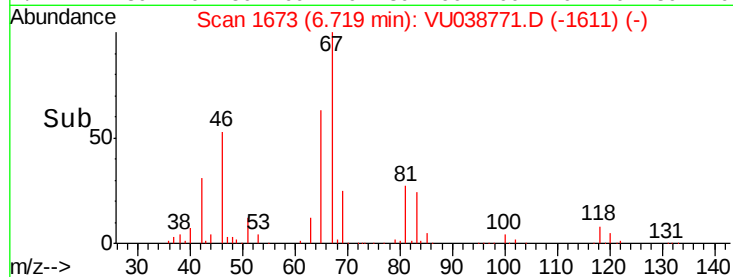
15000

10000

5000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.936 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.04 min

Lab File: VU038771.D

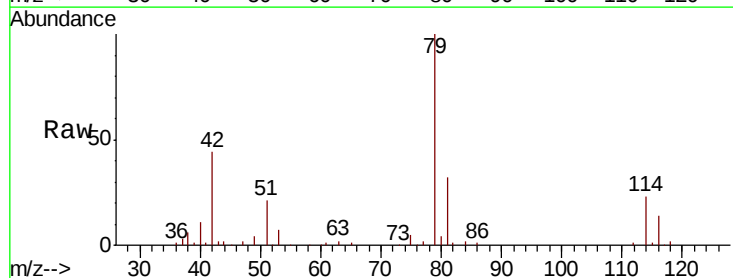
Acq: 10 Jun 2020 11:51

Tgt Ion: 75 Resp: 6285

Ion Ratio Lower Upper

75 100

77 39.7 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU038771.D (-1863) (-)

Ion 77.00 (76.70 to 77.70): VU038771.D (-1863) (-)

7.59

4000

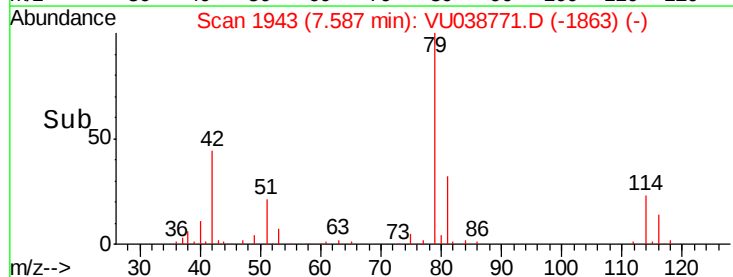
3000

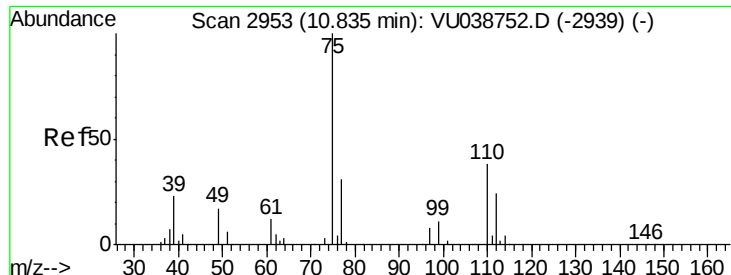
2000

1000

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.362 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.99 min

Lab File: VU038771.D

Acq: 10 Jun 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

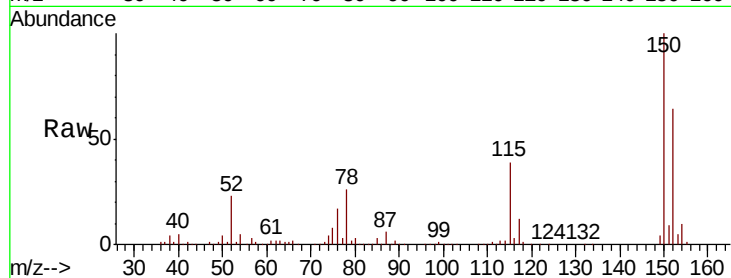
EW0M1DL

Tot Ion: 75 Resp: 32747

Ion Ratio Lower Upper

75 100

77 37.4 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

