

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061020\
 Data File : VU038736.D
 Acq On : 09 Jun 2020 20:37
 Operator : SY/MD
 Sample : L2897-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0H4

Quant Time: Jun 10 05:11:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 05:09:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	562509	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	553683	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	259458	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	151654	48.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.52%
7) Chloroethane-d5	1.93	69	133391	54.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.42%
11) 1,1-Dichloroethene-d2	2.59	63	251946	36.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.56%
21) 2-Butanone-d5	4.66	46	347704	113.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.72%
24) Chloroform-d	5.10	84	344605	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.72%
26) 1,2-Dichloroethane-d4	5.74	65	235968	52.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.08%
32) Benzene-d6	5.76	84	691350	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.68%
36) 1,2-Dichloropropane-d6	6.72	67	217092	52.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.64%
41) Toluene-d8	7.92	98	602909	50.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.04%
43) trans-1,3-Dichloropropene-	8.20	79	103672	50.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.20%
47) 2-Hexanone-d5	8.65	63	258502	118.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.15%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	319454	52.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	247006	54.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.66%

Target Compounds

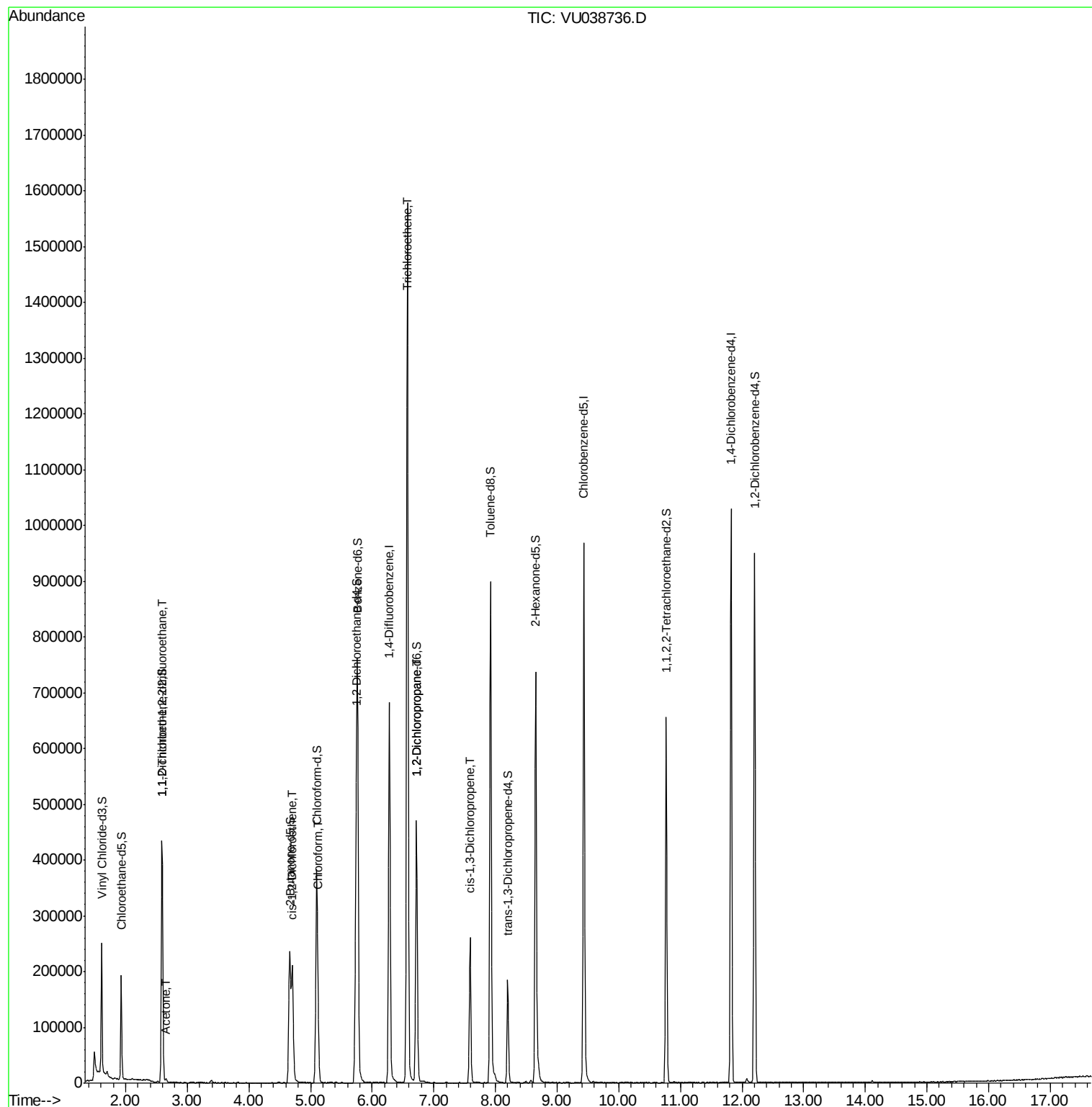
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2583	0.715 ug/L #	21
13) Acetone	2.66	43	6626	2.689 ug/L	99
20) cis-1,2-Dichloroethene	4.70	96	96139	22.322 ug/L	97
25) Chloroform	5.12	83	42894	5.805 ug/L	98
34) Trichloroethene	6.57	95	534207	127.749 ug/L	99
37) 1,2-Dichloropropane	6.72	63	24829	5.795 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	6592	0.998 ug/L #	79

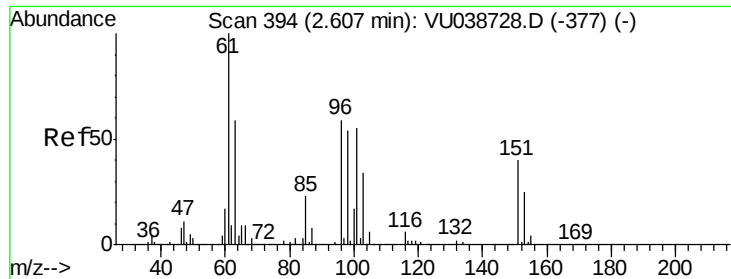
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 10 05:09:22 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.715 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU038736.D

Acq: 09 Jun 2020 20:37

Instrument :

MSVOA_U

ClientSampleId :

EW0H4

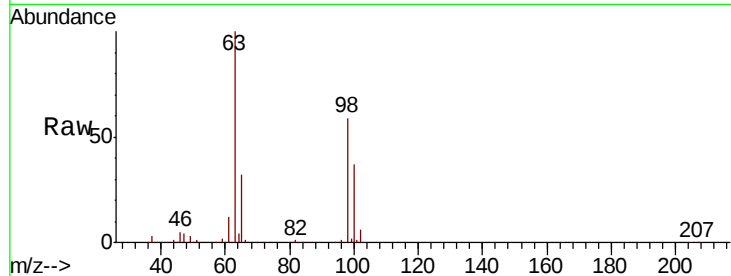
Tot Ion:101 Resp: 2583

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

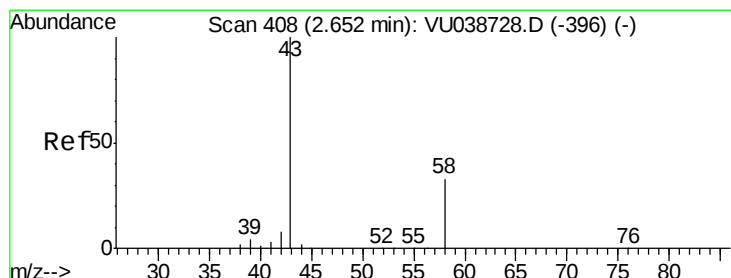
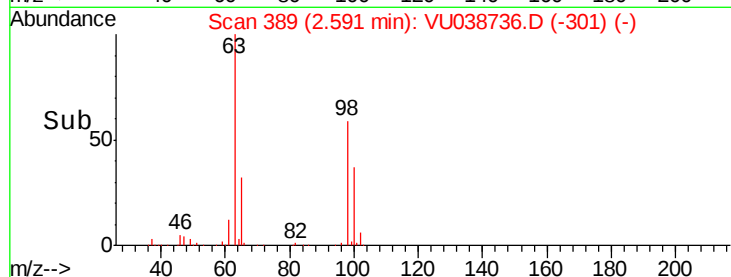
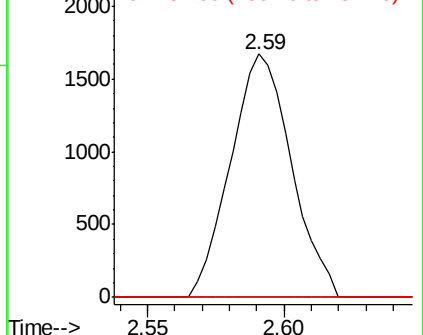
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.689 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU038736.D

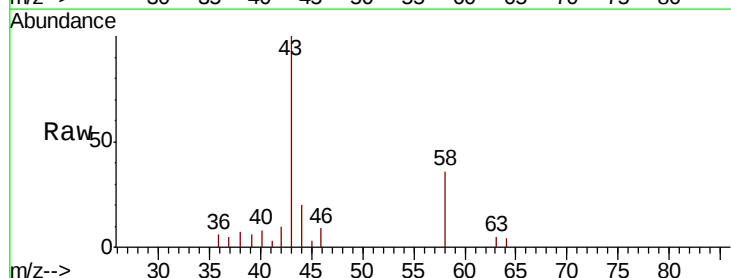
Acq: 09 Jun 2020 20:37

Tgt Ion: 43 Resp: 6626

Ion Ratio Lower Upper

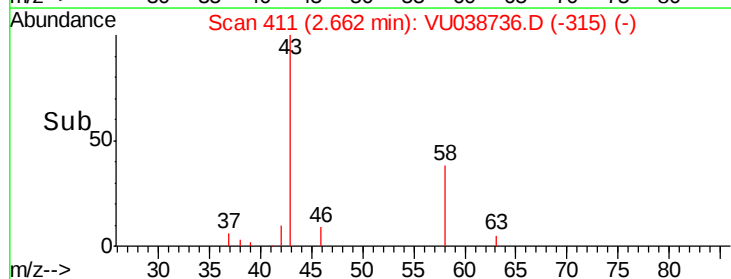
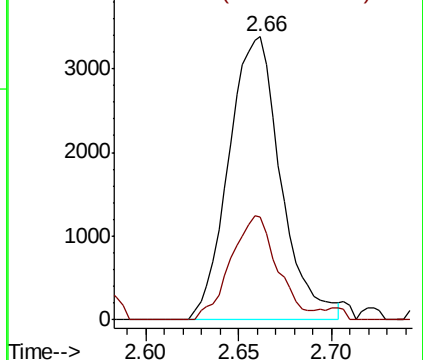
43 100

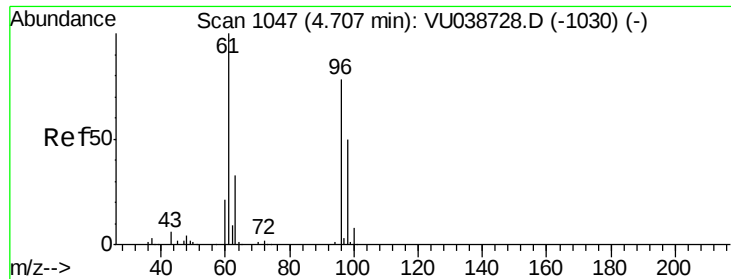
58 33.0 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

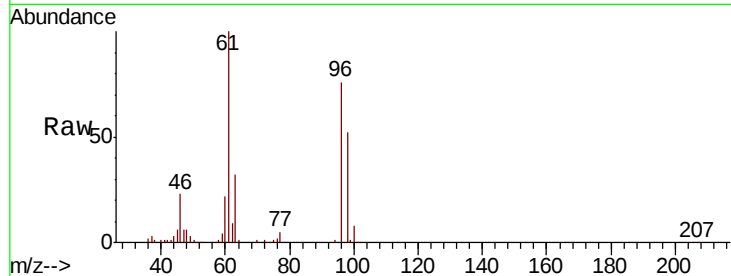




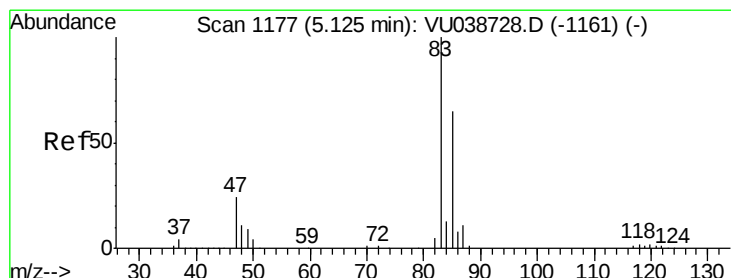
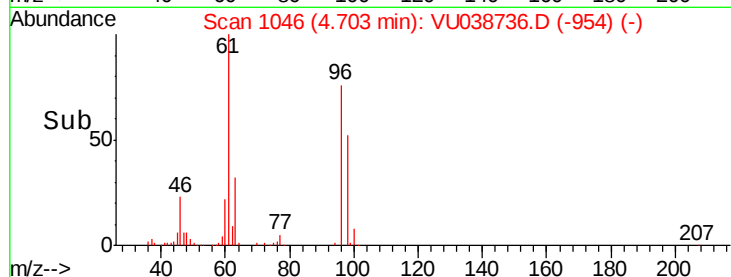
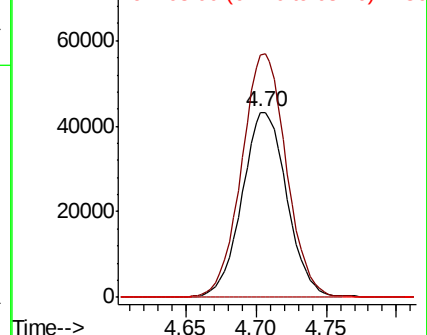
#20
 cis-1,2-Dichloroethene
 Concen: 22.322 ug/L
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU038736.D
 Acq: 09 Jun 2020 20:37

Instrument :
 MSVOA_U
 ClientSampled :
 EW0H4

Tot Ion: 96 Resp: 96139
 Ion Ratio Lower Upper
 96 100
 61 130.7 89.5 166.1
 68 0.0 0.0 0.0

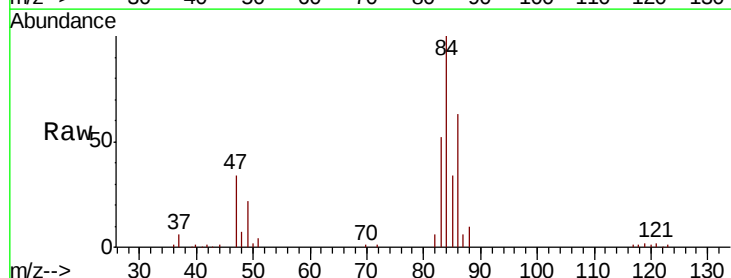


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

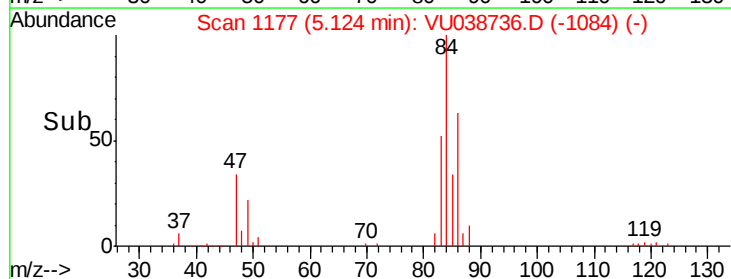
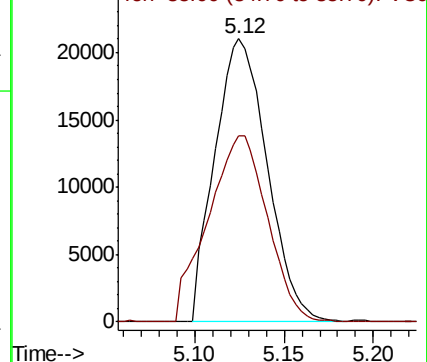


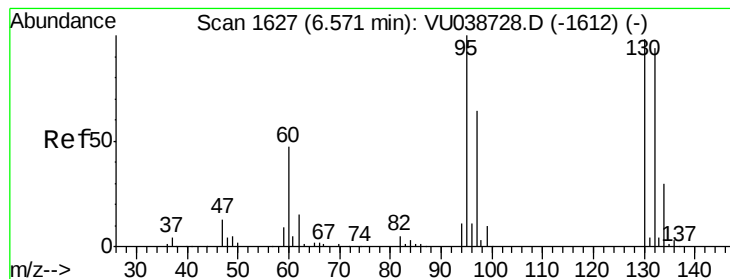
#25
 Chloroform
 Concen: 5.805 ug/L
 RT: 5.12 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VU038736.D
 Acq: 09 Jun 2020 20:37

Tgt Ion: 83 Resp: 42894
 Ion Ratio Lower Upper
 83 100
 85 65.9 47.0 87.4



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 127.749 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038736.D

Acq: 09 Jun 2020 20:37

Instrument :

MSVOA_U

ClientSampled :

EW0H4

Tot Ion: 95 Resp: 534207

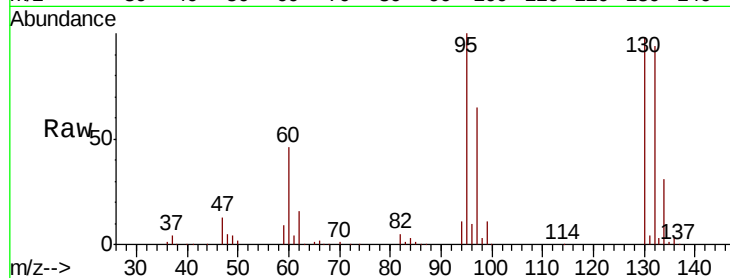
Ion Ratio Lower Upper

95 100

97 65.0 44.4 82.4

132 94.3 64.9 120.5

130 97.6 68.6 127.4

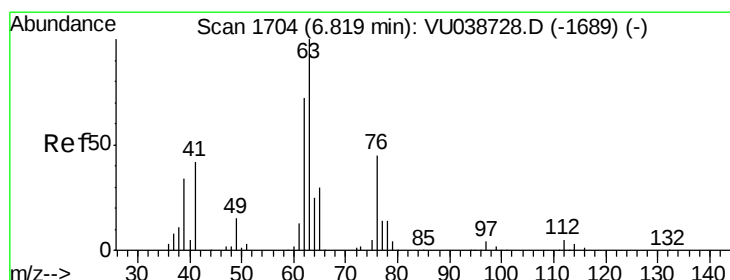
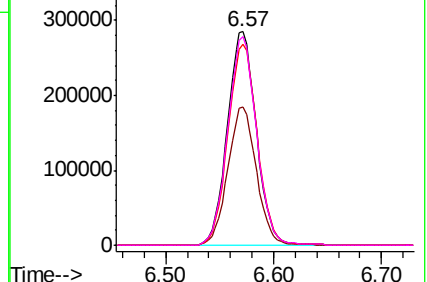
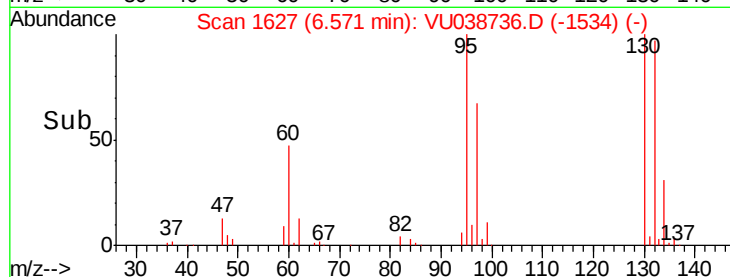


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 5.795 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038736.D

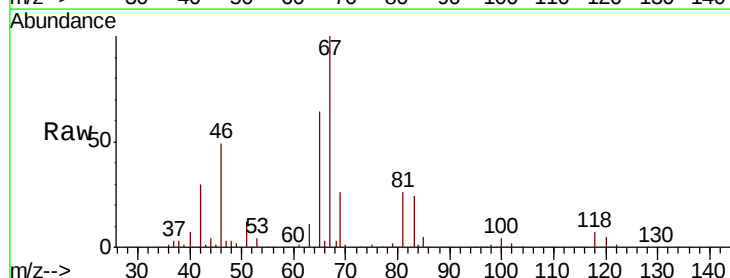
Acq: 09 Jun 2020 20:37

Tgt Ion: 63 Resp: 24829

Ion Ratio Lower Upper

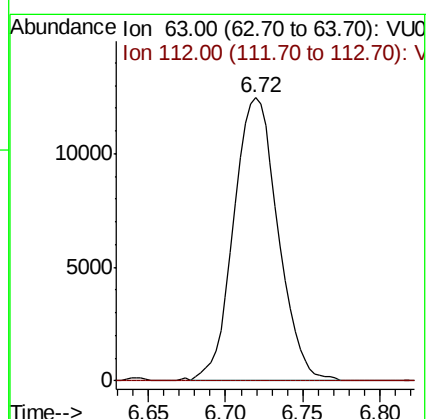
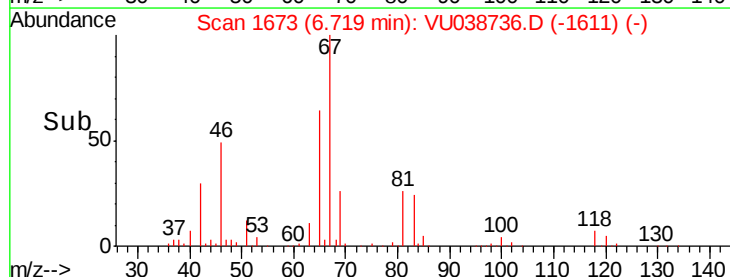
63 100

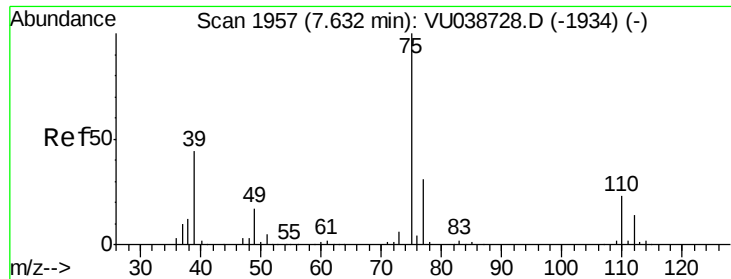
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene
 Concen: 0.998 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038736.D
 Acq: 09 Jun 2020 20:37

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0H4

Tot Ion: 75 Resp: 6592
 Ion Ratio Lower Upper
 75 100
 77 43.2 22.2 41.2#

