

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060220\
 Data File : VU038500.D
 Acq On : 02 Jun 2020 17:51
 Operator : JC/MD
 Sample : L2844-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 03 00:51:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 03 00:48:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	291047	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	290126	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	135646	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66603	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.93	69	64306	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.59	63	114041	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.68	46	248110	43.36	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.72%
24) Chloroform-d	5.10	84	177711	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.74	65	107885	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.76	84	345119	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.72	67	111072	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.92	98	284802	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.20	79	42726	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.65	63	307828	65.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.16%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104942	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	128437	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

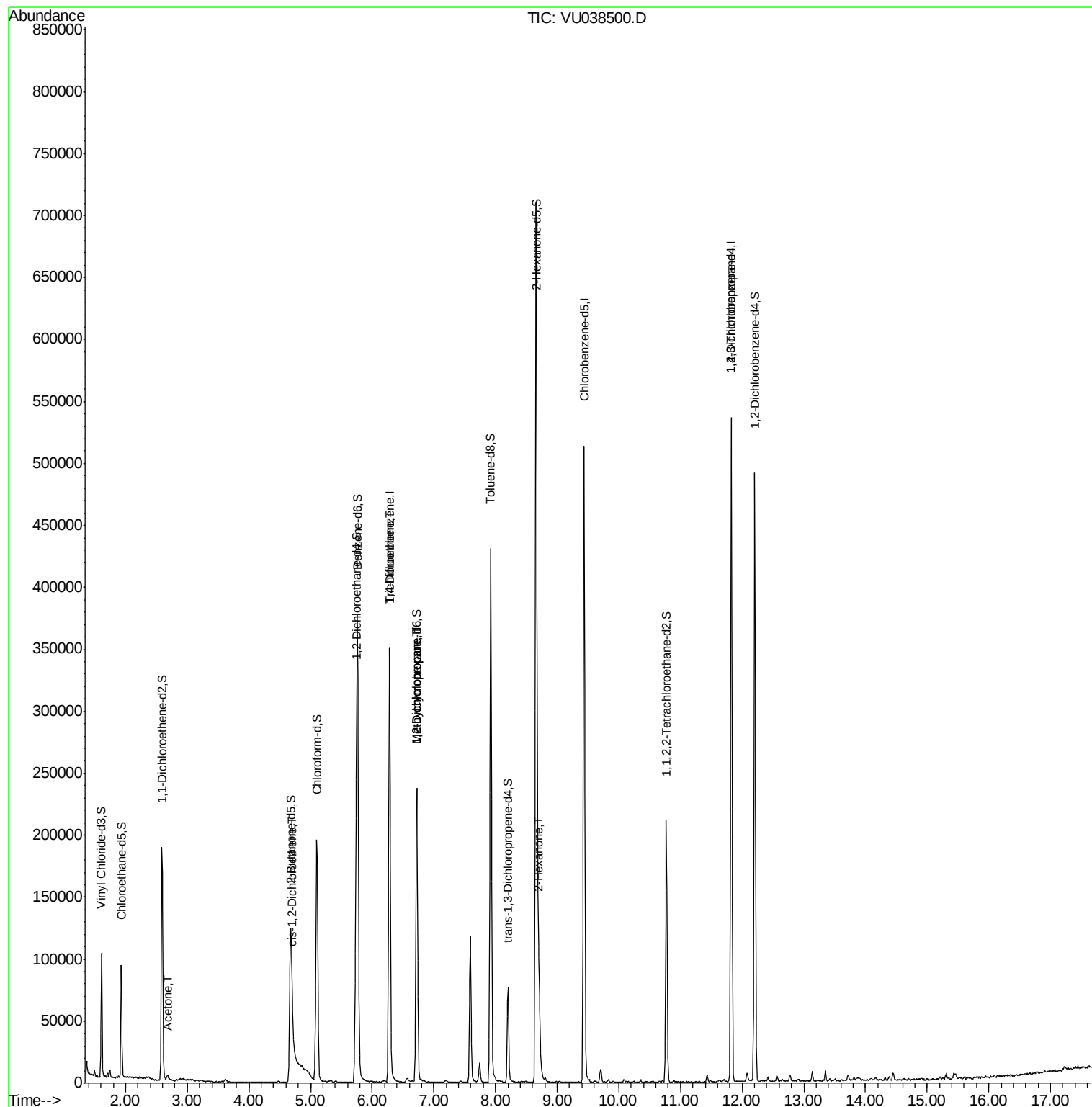
					Ovalue
13) Acetone	2.68	43	6815	1.820 ug/L	65
22) cis-1,2-Dichloroethene	4.71	96	2166	0.104 ug/L	78
34) Trichloroethene	6.29	95	4645	0.221 ug/L #	5
35) Methylcyclohexane	6.72	83	26809	0.825 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12836	0.631 ug/L #	86
48) 2-Hexanone	8.71	43	14225	1.290 ug/L #	80
59) 1,2,3-Trichloropropane	11.83	75	17227	1.134 ug/L #	81

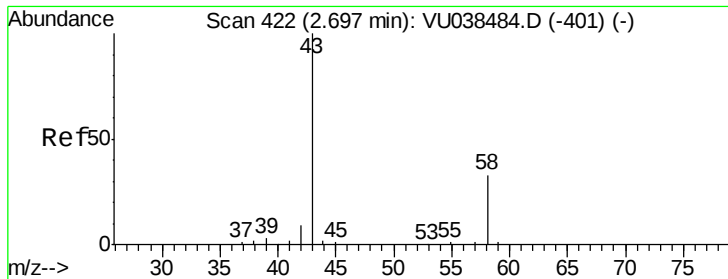
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 03 00:48:29 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.820 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.02 min

Lab File: VU038500.D

Acq: 02 Jun 2020 17:51

Instrument :

MSVOA_U

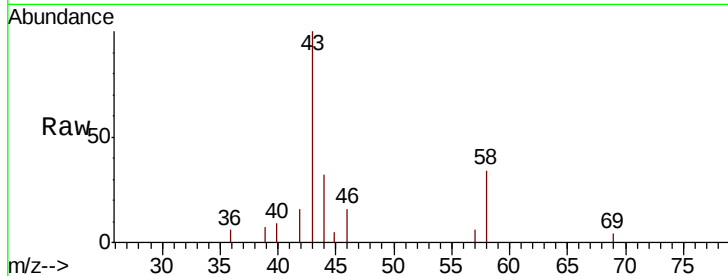
ClientSampled :

Tot Ion: 43 Resp: 6815

Ion Ratio Lower Upper

43 100

58 13.0 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038484.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038484.D (-401) (-)

3000

2500

2000

1500

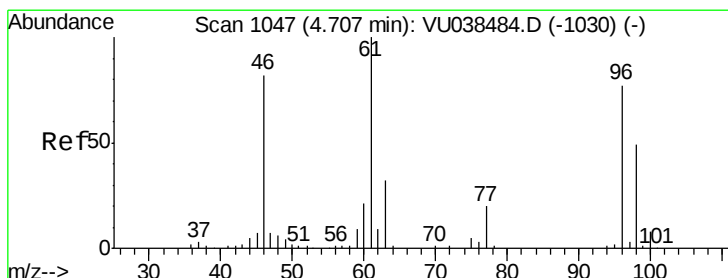
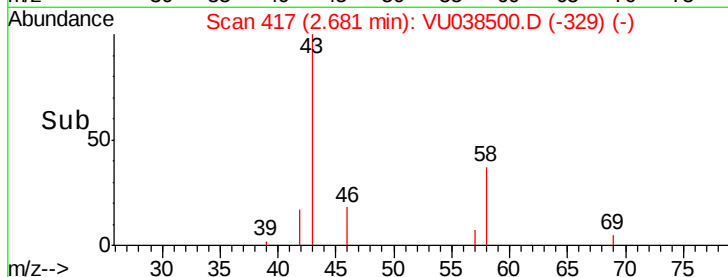
1000

500

0

2.60 2.65 2.70 2.75

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.104 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. 0.01 min

Lab File: VU038500.D

Acq: 02 Jun 2020 17:51

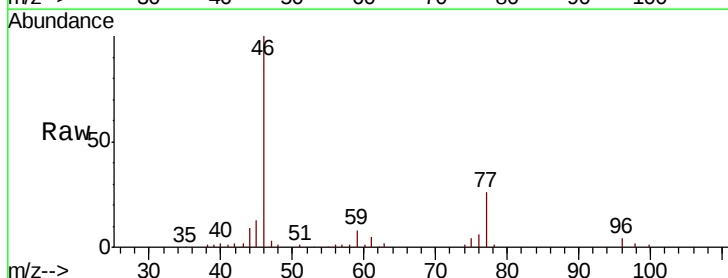
Tgt Ion: 96 Resp: 2166

Ion Ratio Lower Upper

96 100

61 107.9 94.0 174.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038484.D (-1030) (-)

Ion 61.05 (60.75 to 61.75): VU038484.D (-1030) (-)

Ion 68.15 (67.85 to 68.85): VU038484.D (-1030) (-)

1500

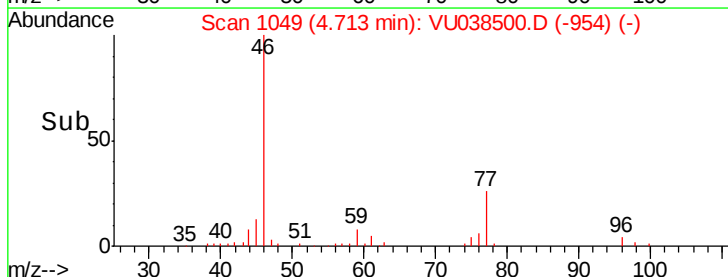
1000

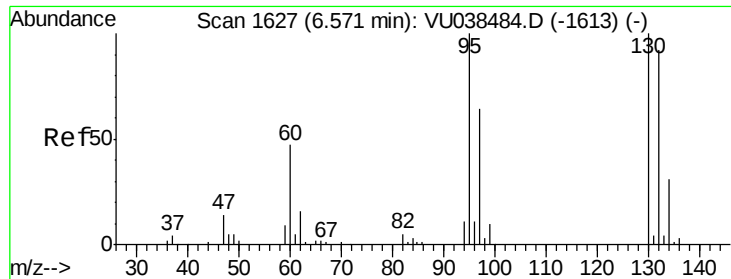
500

0

4.65 4.70 4.75

Time-->

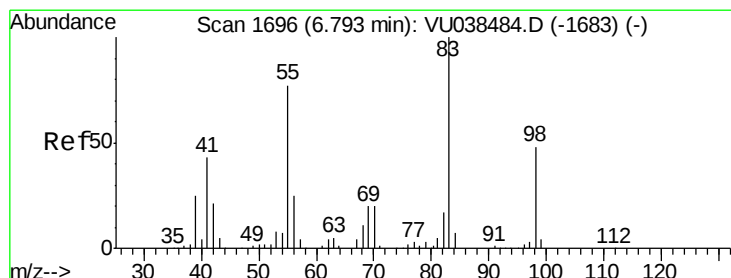
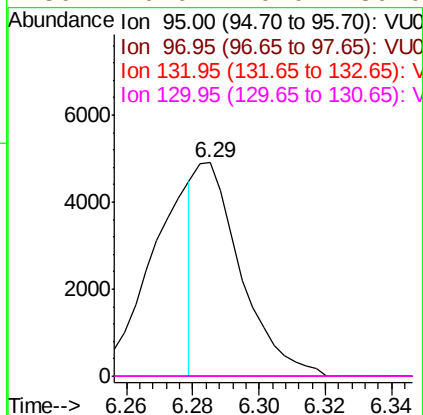
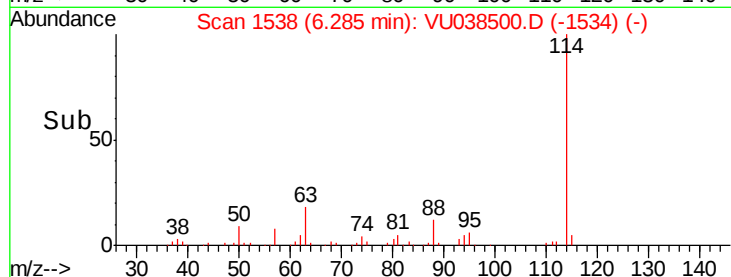
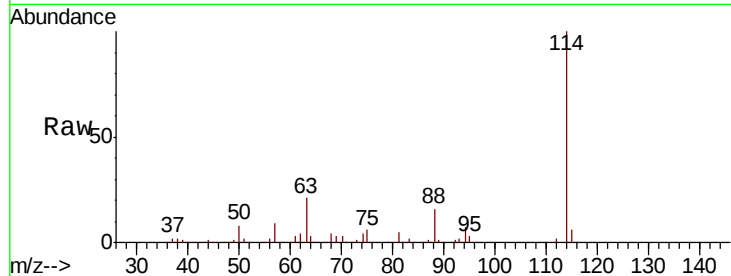




#34
 Trichloroethene
 Concen: 0.221 ug/L
 RT: 6.29 min Scan# 1538
 Delta R.T. -0.29 min
 Lab File: VU038500.D
 Acq: 02 Jun 2020 17:51

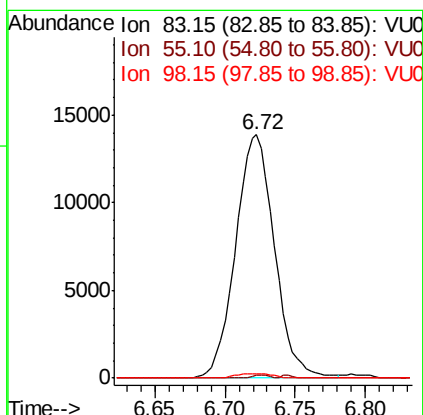
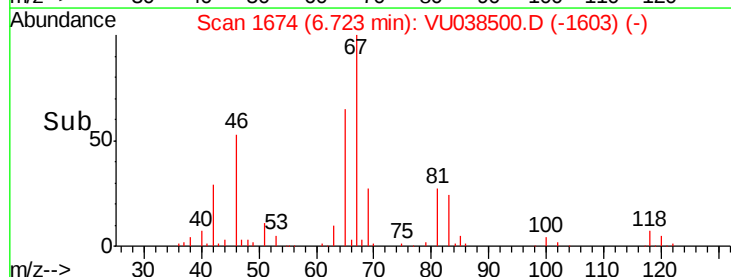
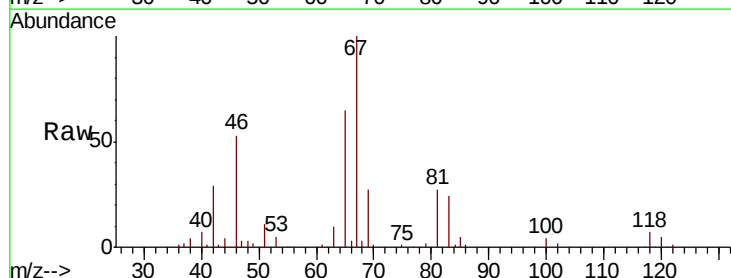
Instrument :
 MSVOA_U
 ClientSampleId :

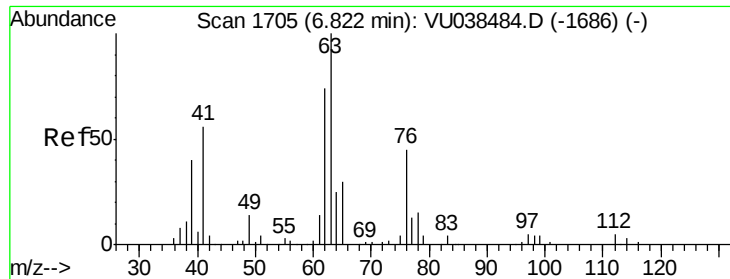
Tot Ion: 95 Resp: 4645
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.8 87.0#
 132 0.0 66.1 122.7#
 130 0.0 70.0 130.0#



#35
 Methylcyclohexane
 Concen: 0.825 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU038500.D
 Acq: 02 Jun 2020 17:51

Tgt Ion: 83 Resp: 26809
 Ion Ratio Lower Upper
 83 100
 55 0.5 63.4 95.2#
 98 1.6 39.0 58.4#

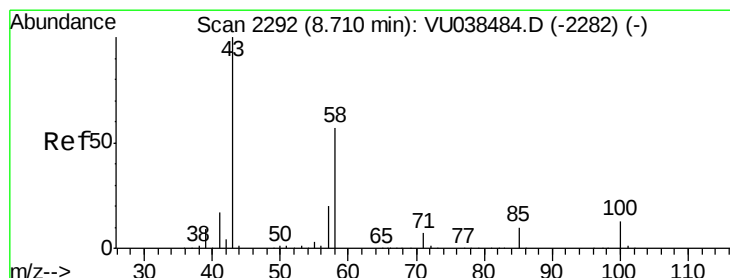
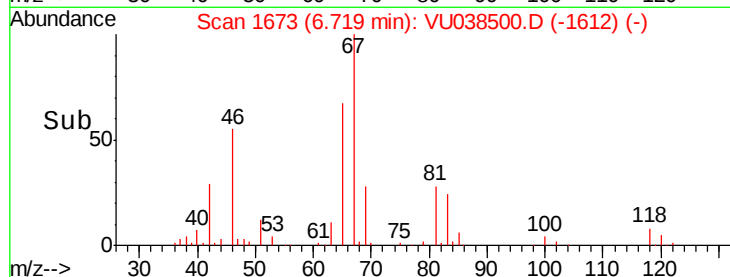
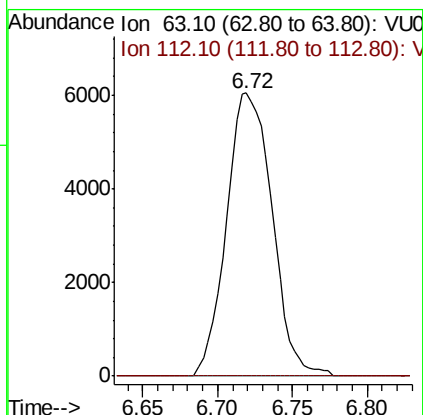
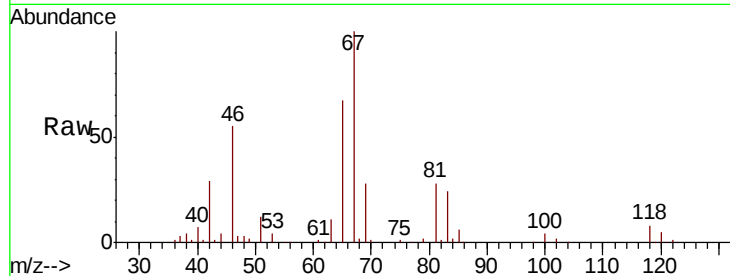




#37
 1,2-Dichloropropane
 Concen: 0.631 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038500.D
 Acq: 02 Jun 2020 17:51

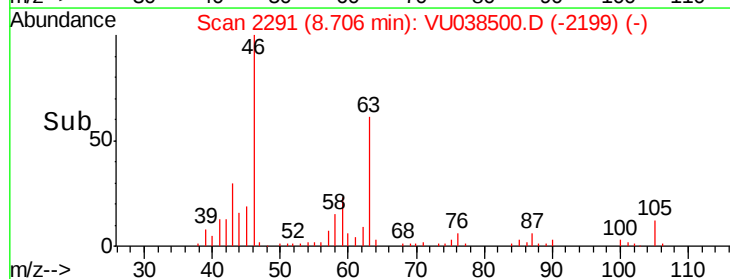
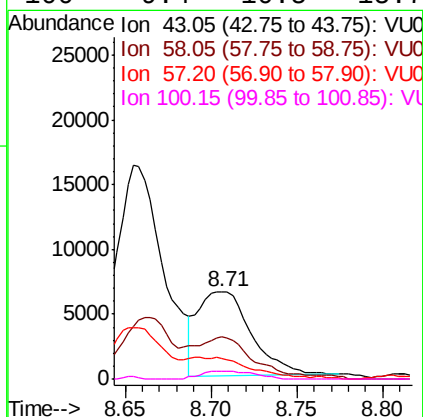
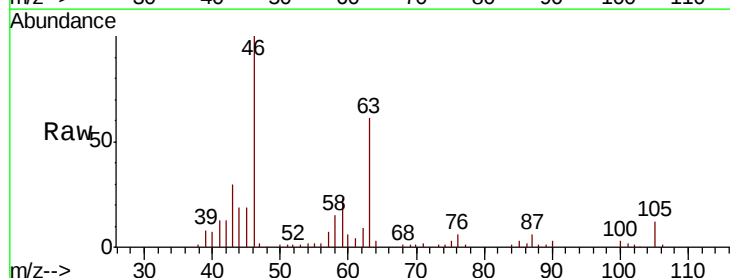
Instrument :
 MSVOA_U
 ClientSampleId :

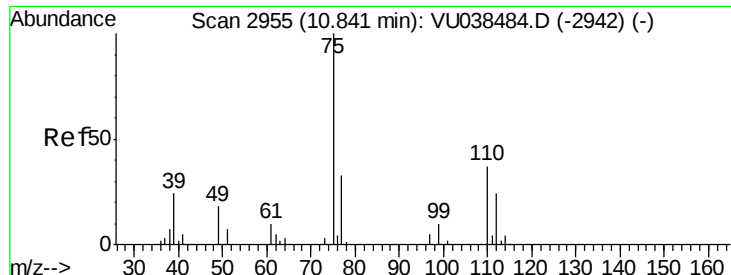
Tot Ion: 63 Resp: 12836
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#48
 2-Hexanone
 Concen: 1.290 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038500.D
 Acq: 02 Jun 2020 17:51

Tgt Ion: 43 Resp: 14225
 Ion Ratio Lower Upper
 43 100
 58 38.3 45.4 68.0#
 57 26.2 15.9 23.9#
 100 9.4 10.5 15.7#





#59

1,2,3-Trichloropropane

Concen: 1.134 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038500.D

Acq: 02 Jun 2020 17:51

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 17227

Ion Ratio Lower Upper

75 100

77 42.2 25.4 38.2#

