

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038036.D
 Acq On : 07 May 2020 14:14
 Operator : JC/MD
 Sample : L2526-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 01:53:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	323588	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	314739	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143797	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	107788	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.93	69	96224	3.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.20%
11) 1,1-Dichloroethene-d2	2.59	63	139144	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	4.66	46	303841	41.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.22%
24) Chloroform-d	5.10	84	188845	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.74	65	111397	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.76	84	415897	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.72	67	134908	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.92	98	375967	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.20	79	46544	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.65	63	250257	43.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	99718	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	131380	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

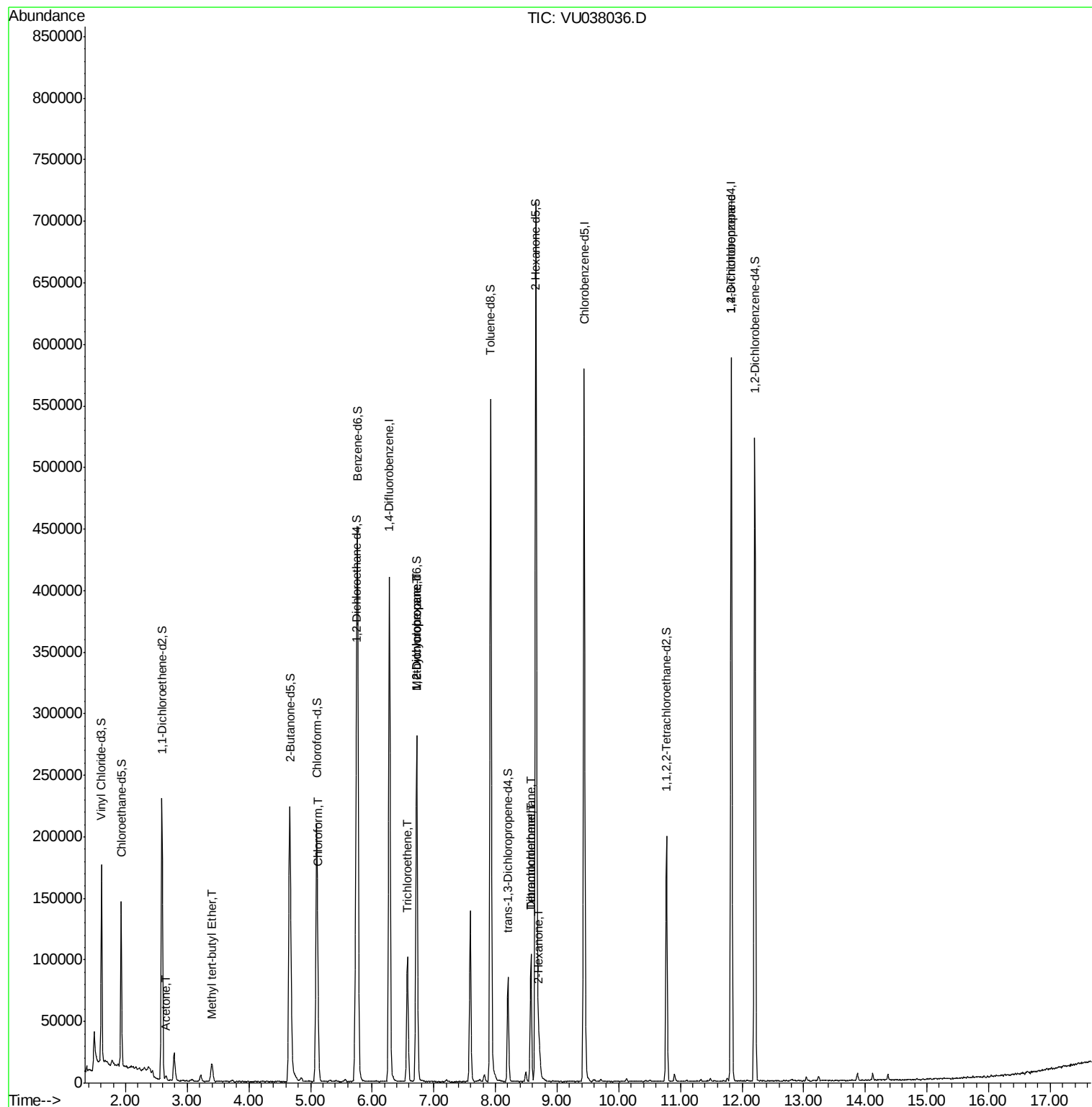
					Ovalue
13) Acetone	2.65	43	4699	1.026	ug/L 94
17) Methyl tert-butyl Ether	3.40	73	15937	0.255	ug/L 95
25) Chloroform	5.12	83	13277	0.297	ug/L 99
34) Trichloroethene	6.57	95	33812	1.341	ug/L 96
35) Methylcyclohexane	6.72	83	29677	0.727	ug/L # 16
37) 1,2-Dichloropropane	6.72	63	13725	0.501	ug/L # 88
47) Tetrachloroethene	8.57	164	23308	1.322	ug/L 97
48) 2-Hexanone	8.71	43	20530	1.477	ug/L # 94
49) Dibromochloromethane	8.57	129	21927	1.111	ug/L # 10
59) 1,2,3-Trichloropropane	11.83	75	21217	1.155	ug/L 97

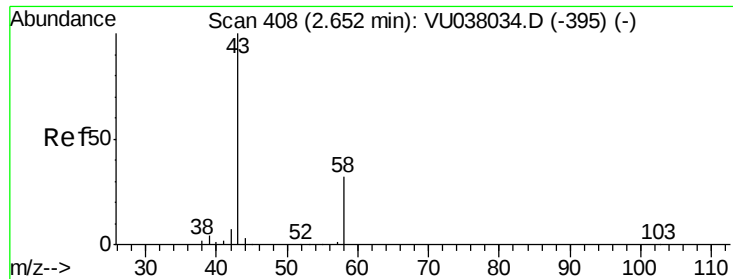
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 08 01:51:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.026 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU038036.D

Acq: 07 May 2020 14:14

Instrument :

MSVOA_U

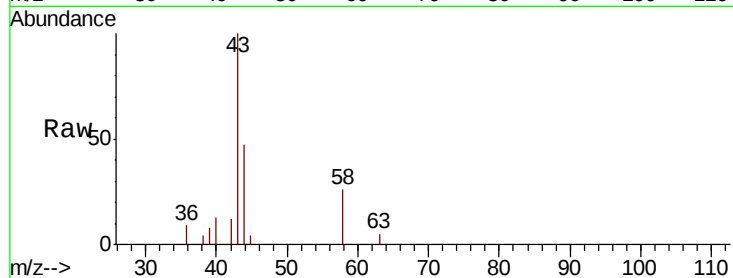
ClientSampleId :

Tot Ion: 43 Resp: 4699

Ion Ratio Lower Upper

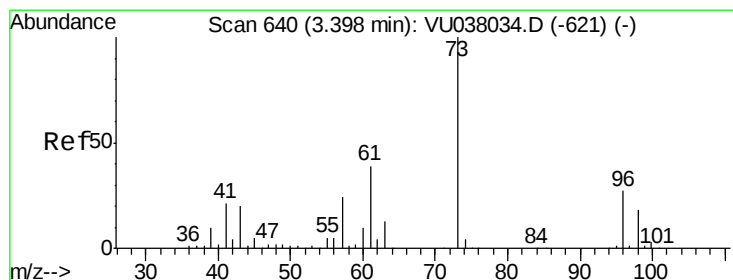
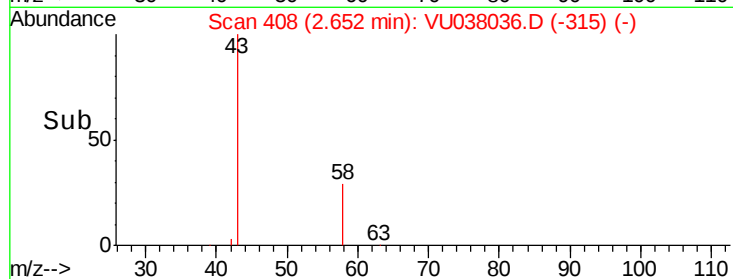
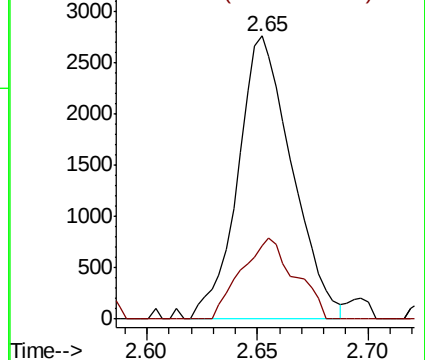
43 100

58 28.4 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038036.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU038036.D (-315) (-)



#17

Methyl tert-butyl Ether

Concen: 0.255 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038036.D

Acq: 07 May 2020 14:14

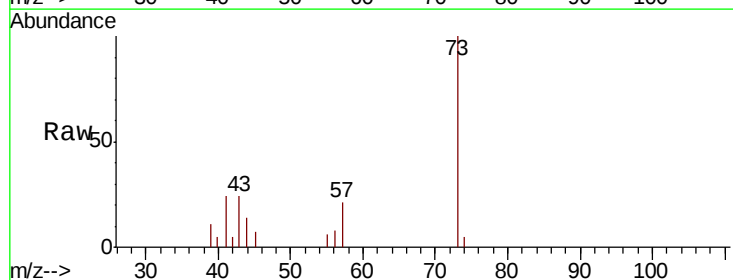
Tgt Ion: 73 Resp: 15937

Ion Ratio Lower Upper

73 100

43 24.0 16.9 25.3

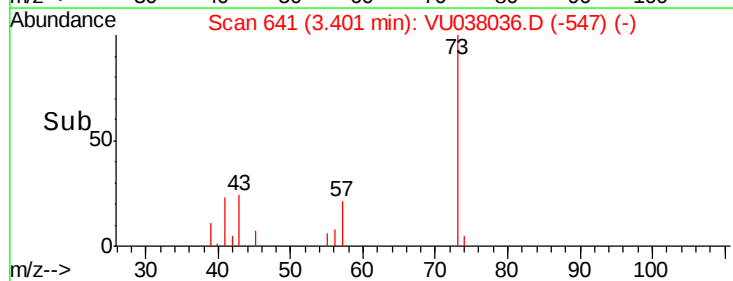
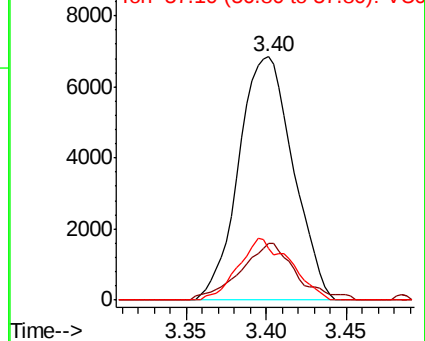
57 24.2 18.2 27.2

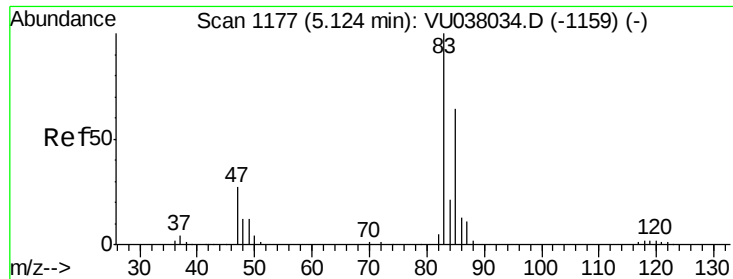


Abundance Ion 73.10 (72.80 to 73.80): VU038036.D (-547) (-)

Ion 43.05 (42.75 to 43.75): VU038036.D (-547) (-)

Ion 57.10 (56.80 to 57.80): VU038036.D (-547) (-)

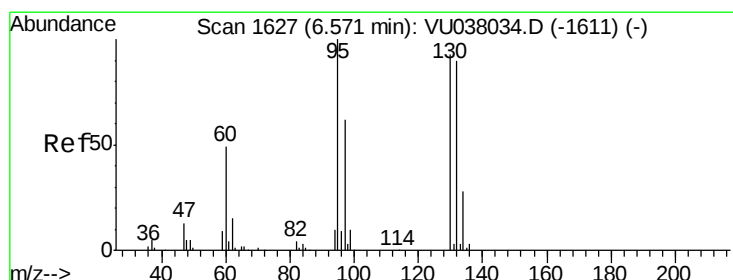
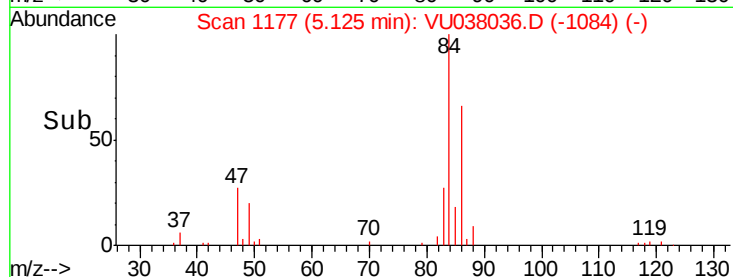
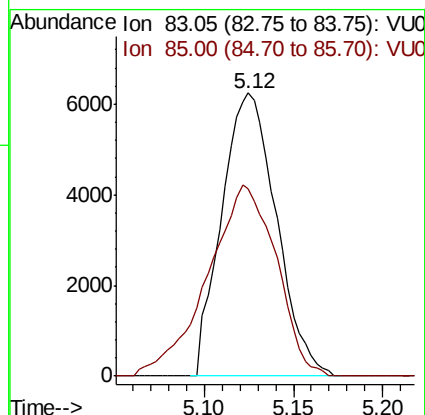
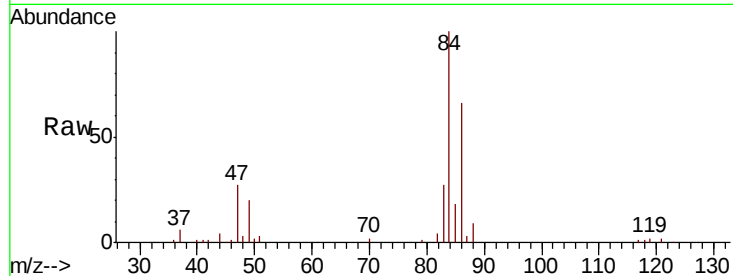




#25
Chloroform
Concen: 0.297 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU038036.D
Acq: 07 May 2020 14:14

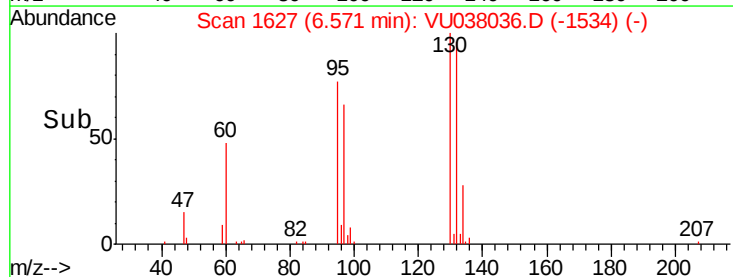
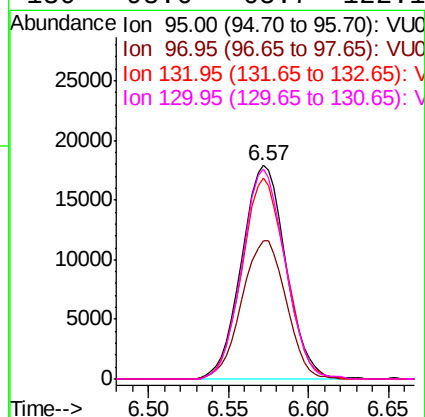
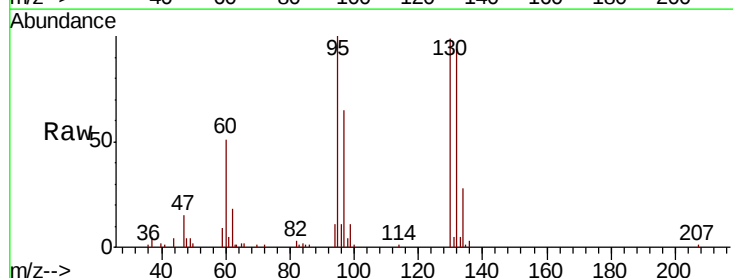
Instrument :
MSVOA_U
ClientSampleId :

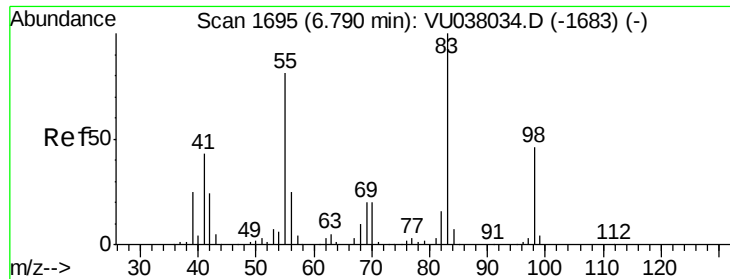
Tot Ion: 83 Resp: 13277
Ion Ratio Lower Upper
83 100
85 66.4 46.2 85.8



#34
Trichloroethene
Concen: 1.341 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038036.D
Acq: 07 May 2020 14:14

Tgt Ion: 95 Resp: 33812
Ion Ratio Lower Upper
95 100
97 64.9 44.9 83.3
132 94.1 63.3 117.5
130 98.6 65.7 122.1

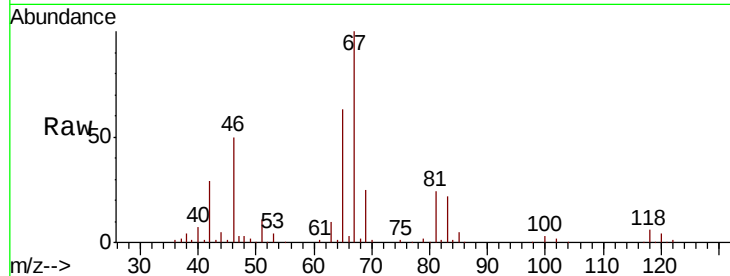




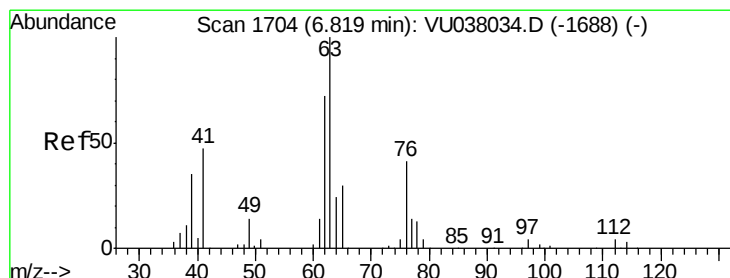
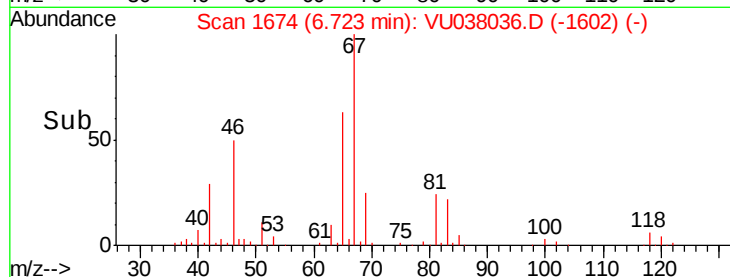
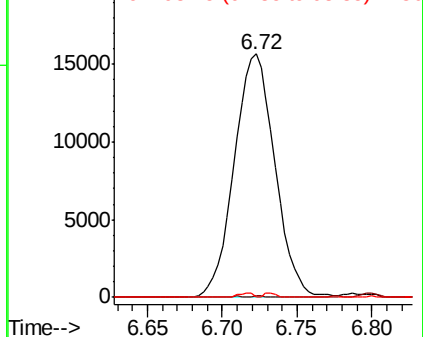
#35
Methvlcvclohexane
Concen: 0.727 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038036.D
Acq: 07 May 2020 14:14

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 29677
Ion Ratio Lower Upper
83 100
55 0.1 66.7 100.1#
98 0.6 39.4 59.2#

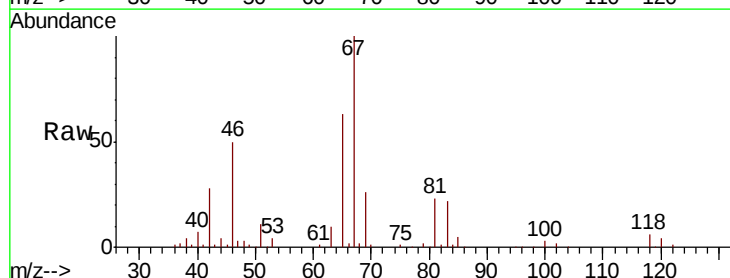


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

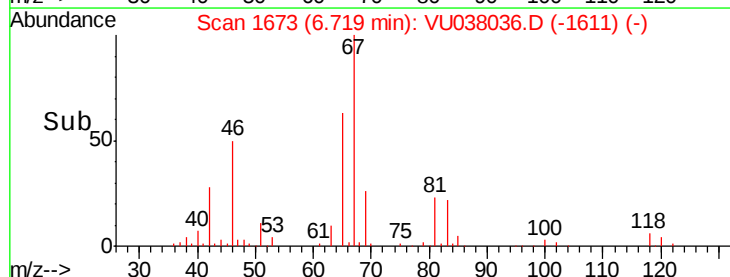
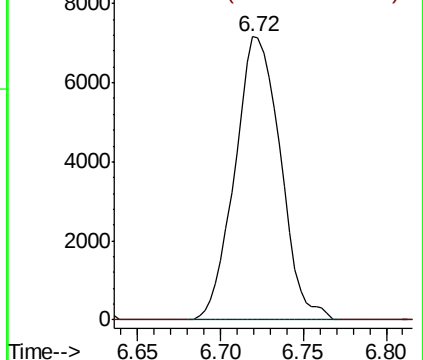


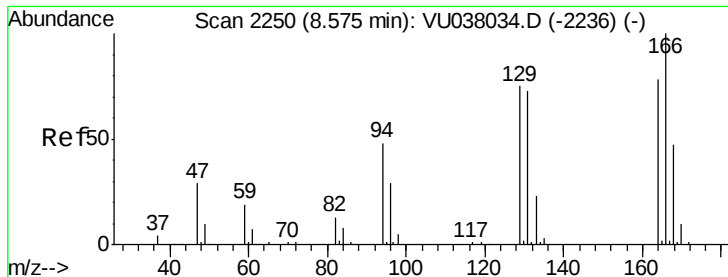
#37
1,2-Dichloropropane
Concen: 0.501 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038036.D
Acq: 07 May 2020 14:14

Tgt Ion: 63 Resp: 13725
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

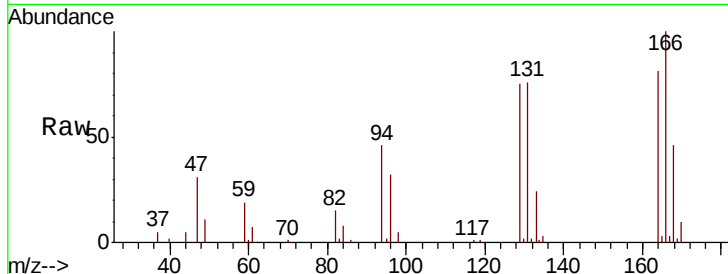




#47
Tetrachloroethene
Concen: 1.322 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU038036.D
Acq: 07 May 2020 14:14

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
129	93.0	68.8	127.8
131	93.8	66.8	124.2
166	123.9	88.9	165.1



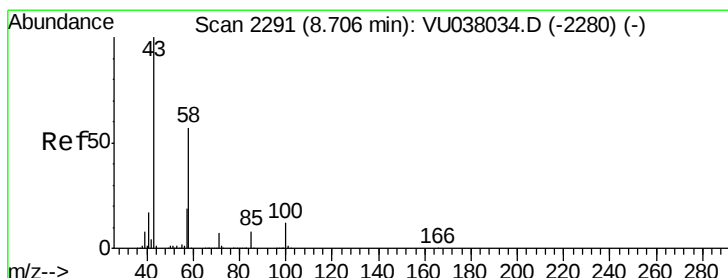
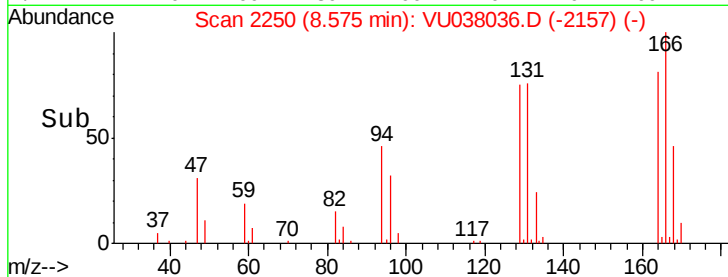
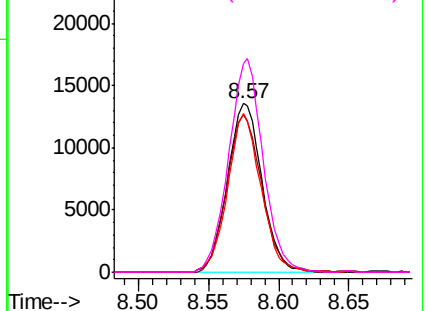
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

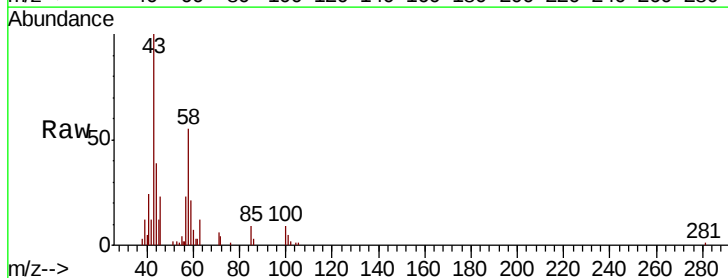
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48
2-Hexanone
Concen: 1.477 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038036.D
Acq: 07 May 2020 14:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.2	45.2	67.8
57	25.2	15.5	23.3#
100	9.2	9.5	14.3#



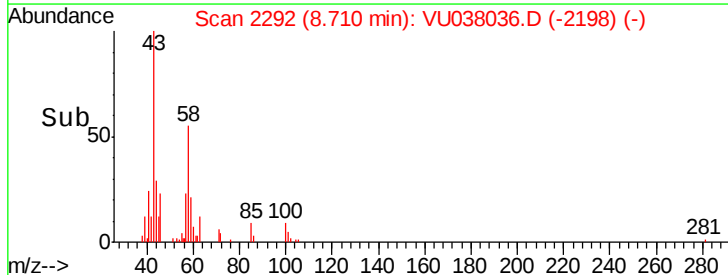
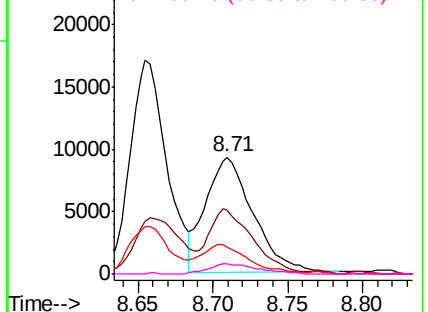
Abundance

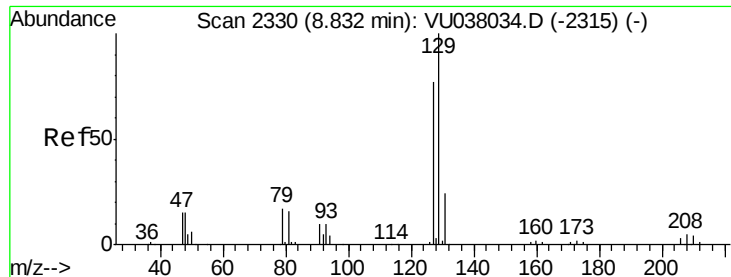
Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 1.111 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU038036.D

Acq: 07 May 2020 14:14

Instrument :

MSVOA_U

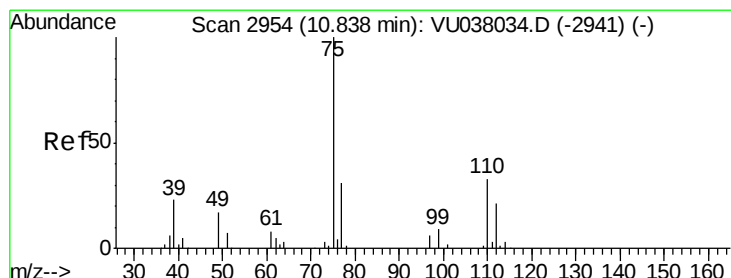
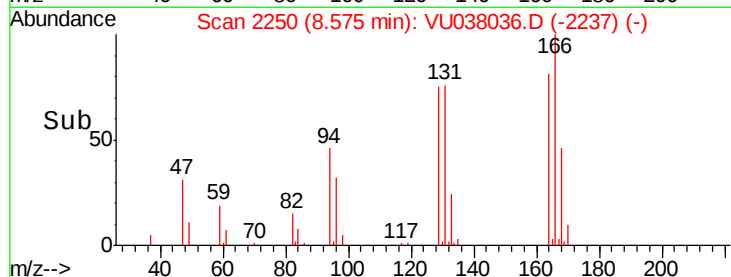
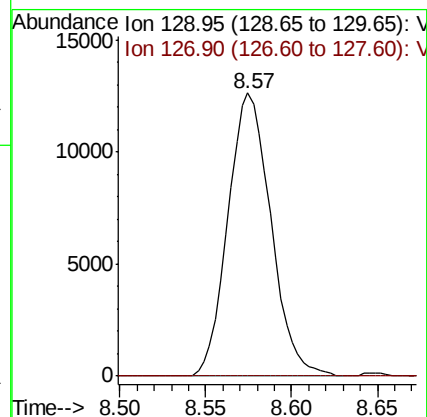
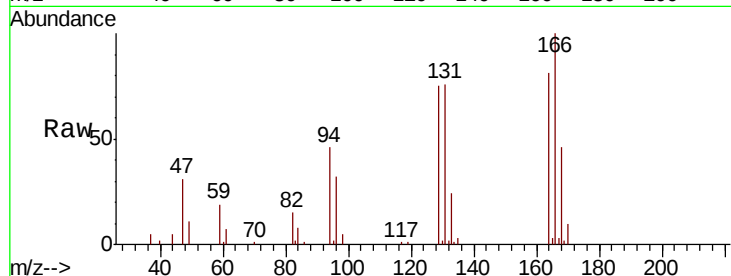
ClientSampled :

Tot Ion:129 Resp: 21927

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#59

1,2,3-Trichloropropane

Concen: 1.155 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038036.D

Acq: 07 May 2020 14:14

Tgt Ion: 75 Resp: 21217

Ion Ratio Lower Upper

75 100

77 33.4 25.4 38.0

