

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038866.D
 Acq On : 12 Jun 2020 22:36
 Operator : SY/MD
 Sample : L2975-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 02:56:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 02:52:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	260150	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	260244	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	121803	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63907	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.93	69	61436	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.59	63	108642	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.67	46	301582	67.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.54%#
24) Chloroform-d	5.10	84	171101	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.74	65	102411	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.76	84	320363	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.72	67	105097	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.92	98	257149	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.20	79	37560	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.65	63	252790	70.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	140.84%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97838	6.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.00%#
64) 1,2-Dichlorobenzene-d4	12.20	152	113266	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

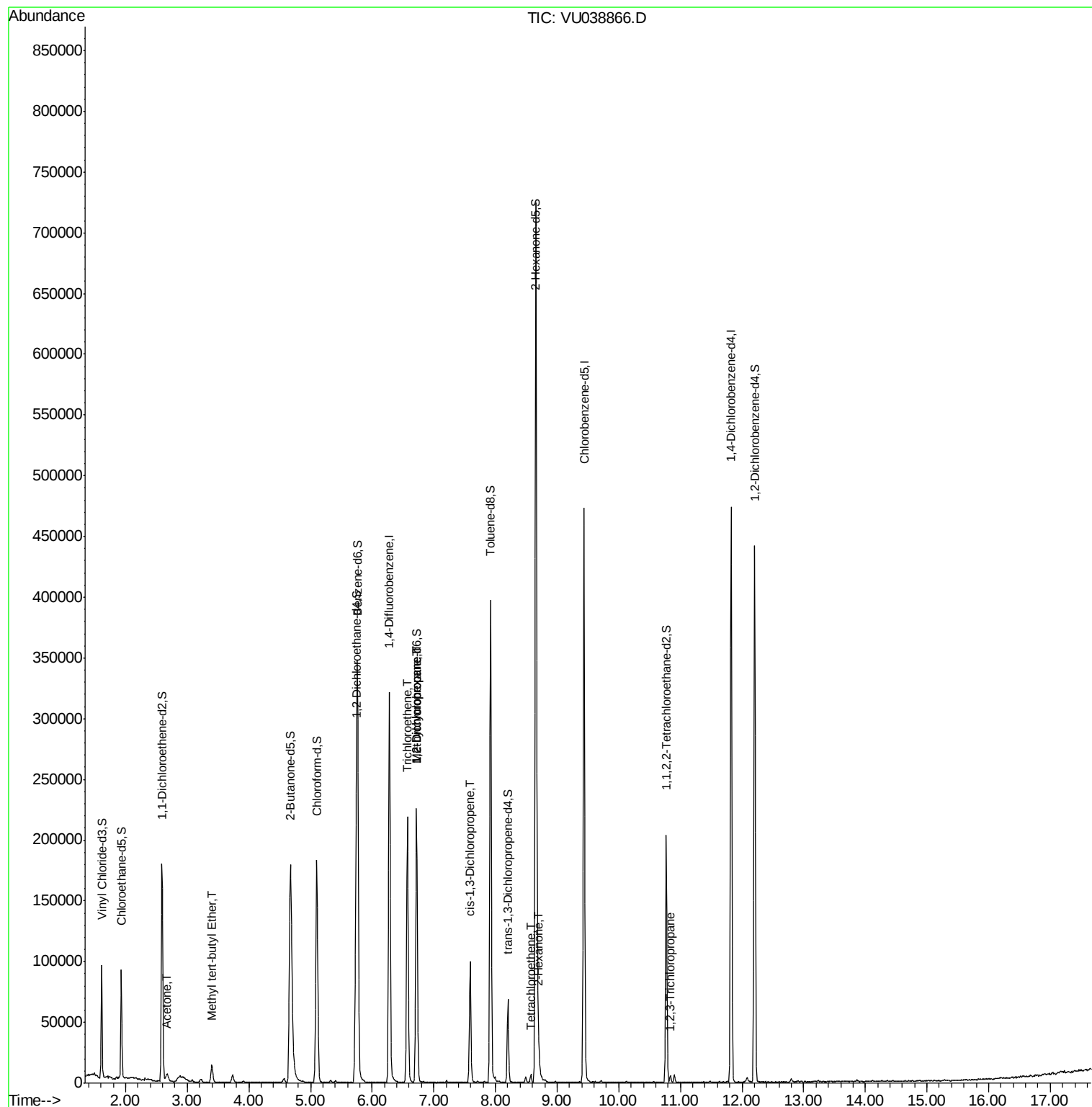
					Ovalue
13) Acetone	2.67	43	10854	3.006	ug/L 96
17) Methyl tert-butyl Ether	3.40	73	14898	0.317	ug/L 96
34) Trichloroethene	6.57	95	73219	3.566	ug/L 97
35) Methylcyclohexane	6.72	83	24523	0.768	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	12501	0.631	ug/L # 86
39) cis-1,3-Dichloropropene	7.59	75	2665	0.091	ug/L # 67
47) Tetrachloroethene	8.57	164	1458	0.092	ug/L 92
48) 2-Hexanone	8.71	43	10720	1.053	ug/L # 88
59) 1,2,3-Trichloropropane	10.84	75	2193	0.149	ug/L 96

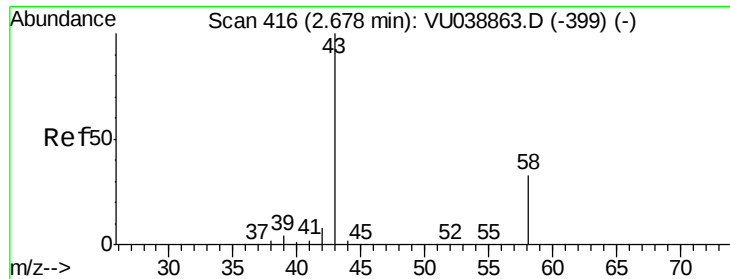
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 12 Jun 2020 22:36
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Quant Time: Jun 13 02:56:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 13 02:52:53 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.006 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU038866.D

Acq: 12 Jun 2020 22:36

Instrument :

MSVOA_U

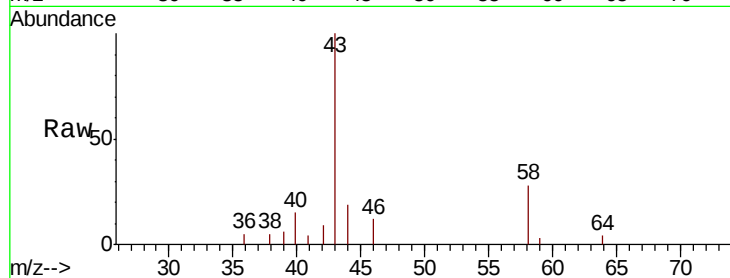
ClientSampleId :

Tot Ion: 43 Resp: 10854

Ion Ratio Lower Upper

43 100

58 30.5 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU038866.D (-413) (-)

Ion 58.05 (57.75 to 58.75): VU038866.D (-413) (-)

2.67

4000

3000

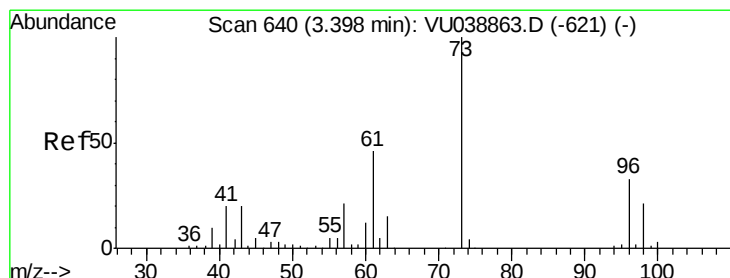
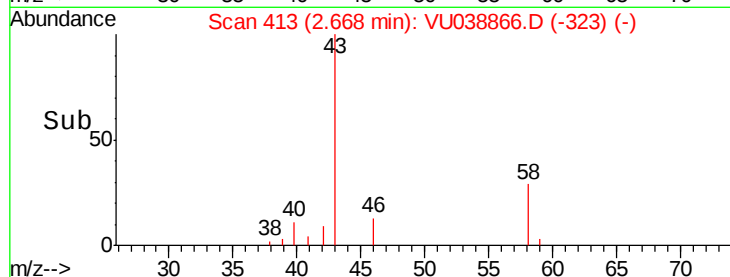
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#17

Methyl tert-butyl Ether

Concen: 0.317 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038866.D

Acq: 12 Jun 2020 22:36

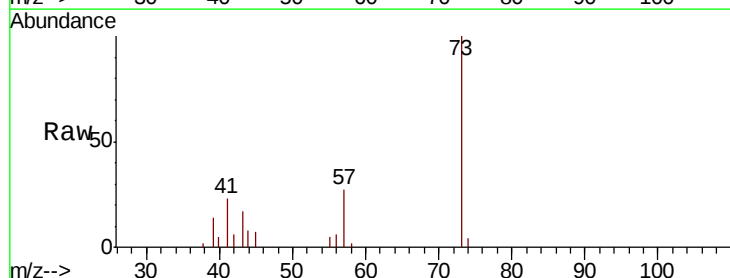
Tgt Ion: 73 Resp: 14898

Ion Ratio Lower Upper

73 100

43 19.2 15.9 23.9

57 25.0 17.5 26.3



Abundance Ion 73.10 (72.80 to 73.80): VU038866.D (-641) (-)

Ion 43.05 (42.75 to 43.75): VU038866.D (-641) (-)

Ion 57.10 (56.80 to 57.80): VU038866.D (-641) (-)

3.40

8000

6000

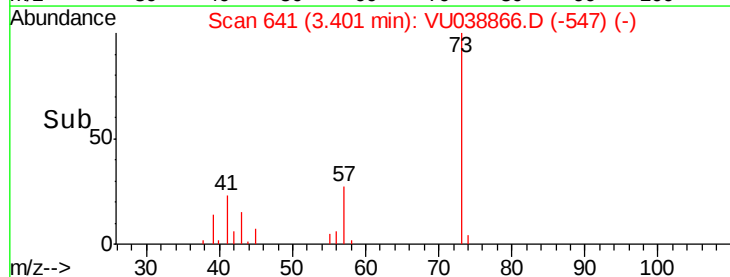
4000

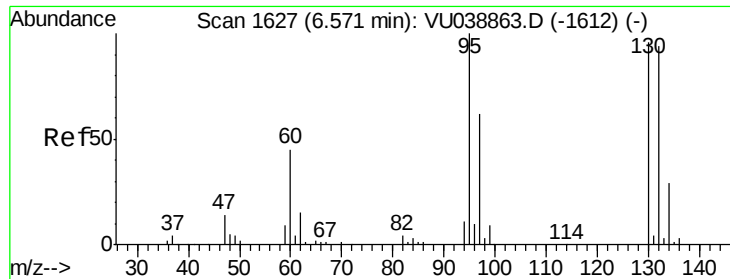
2000

0

Time-->

3.35 3.40 3.45

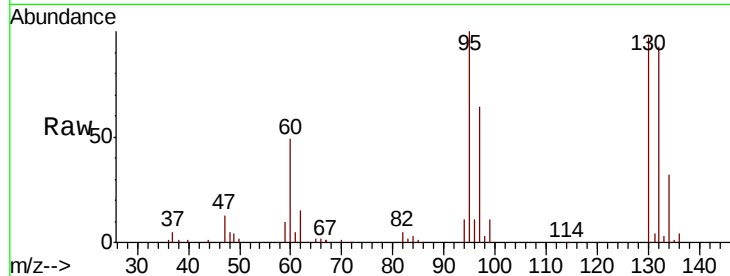




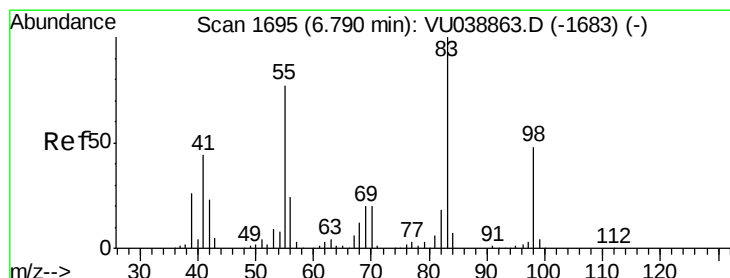
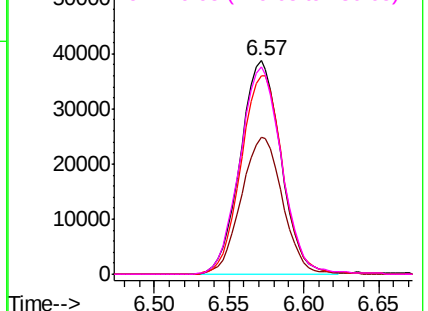
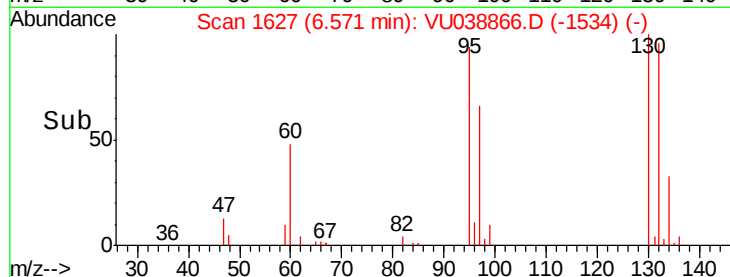
#34
 Trichloroethene
 Concen: 3.566 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038866.D
 Acq: 12 Jun 2020 22:36

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 95 Resp: 73219
 Ion Ratio Lower Upper
 95 100
 97 64.0 46.1 85.5
 132 93.1 67.5 125.3
 130 97.3 66.7 123.9

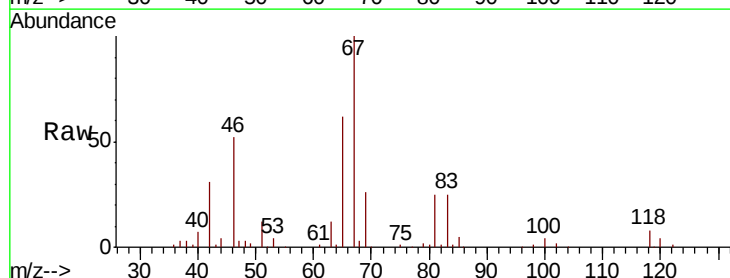


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

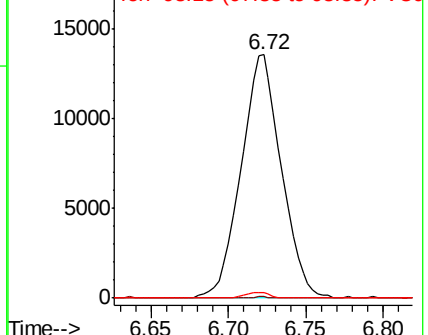
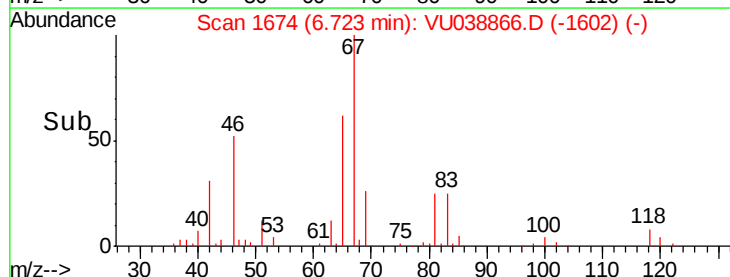


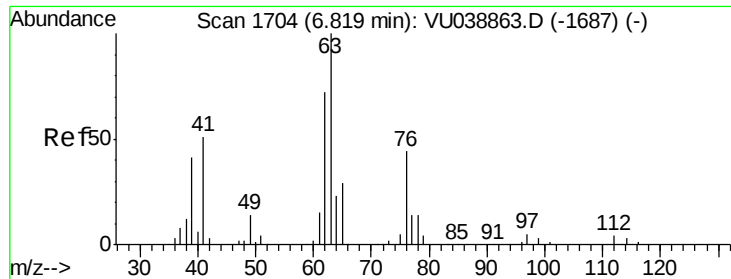
#35
 Methylcyclohexane
 Concen: 0.768 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU038866.D
 Acq: 12 Jun 2020 22:36

Tgt Ion: 83 Resp: 24523
 Ion Ratio Lower Upper
 83 100
 55 0.2 64.2 96.2#
 98 1.4 40.5 60.7#



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

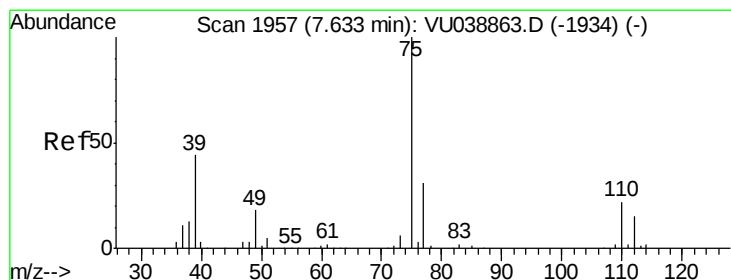
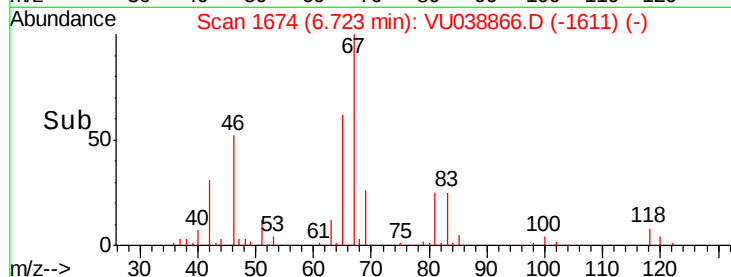
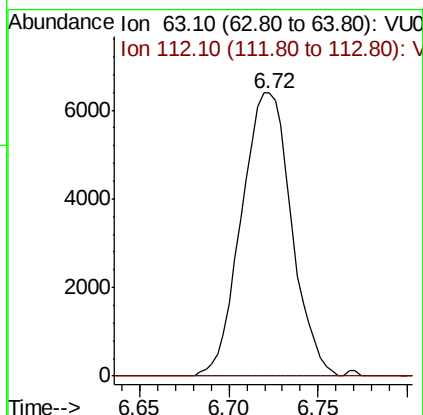
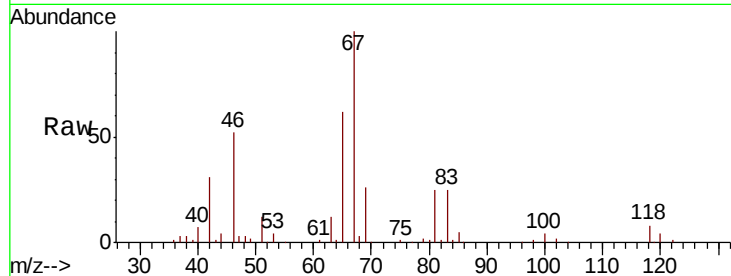




#37
 1,2-Dichloropropane
 Concen: 0.631 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038866.D
 Acq: 12 Jun 2020 22:36

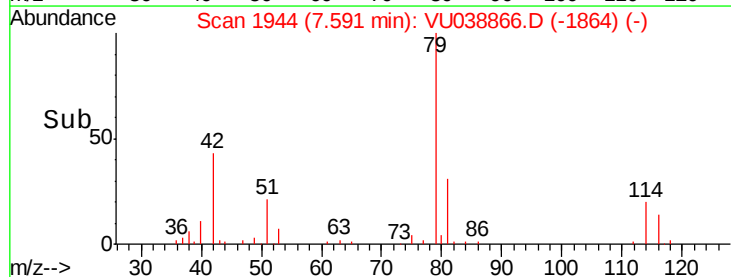
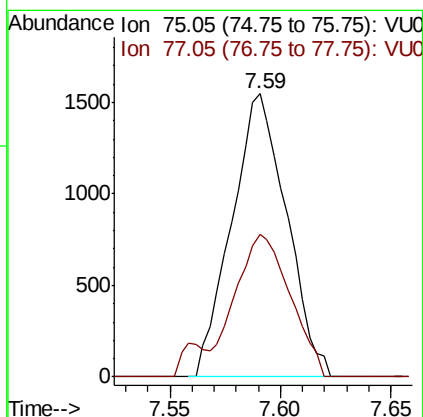
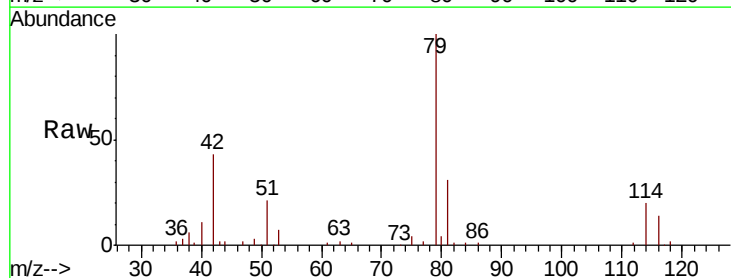
Instrument :
 MSVOA_U
 ClientSampled :

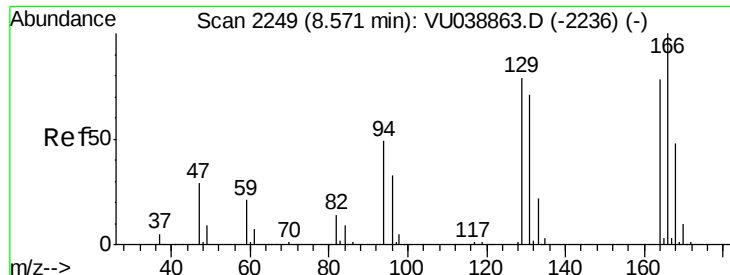
Tot Ion: 63 Resp: 12501
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038866.D
 Acq: 12 Jun 2020 22:36

Tgt Ion: 75 Resp: 2665
 Ion Ratio Lower Upper
 75 100
 77 50.3 22.4 41.6#





#47

Tetrachloroethene

Concen: 0.092 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038866.D

Acq: 12 Jun 2020 22:36

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 1458

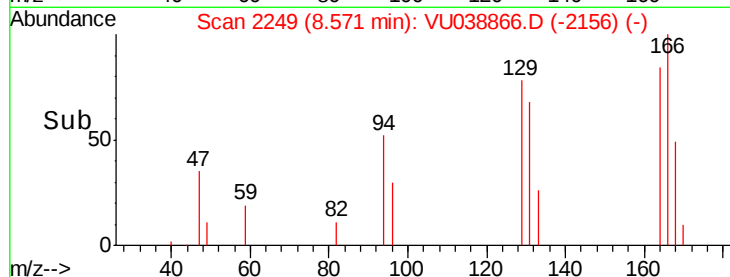
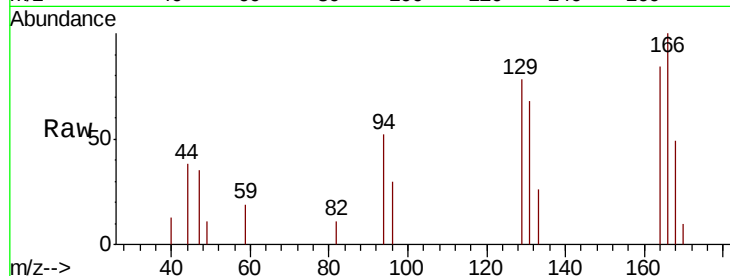
Ion Ratio Lower Upper

164 100

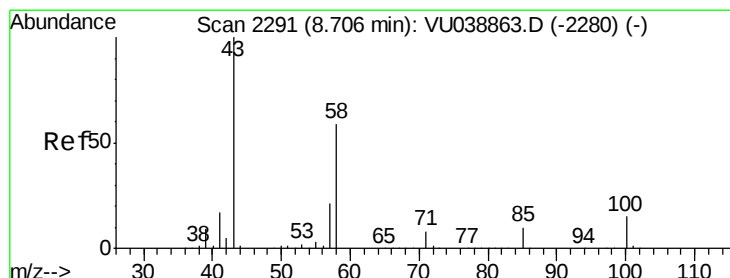
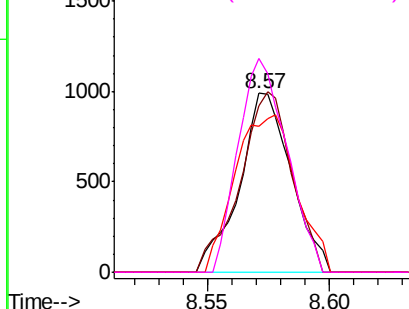
129 93.0 67.3 124.9

131 81.6 65.0 120.6

166 119.3 91.0 169.0



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: 1.053 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038866.D

Acq: 12 Jun 2020 22:36

Tgt Ion: 43 Resp: 10720

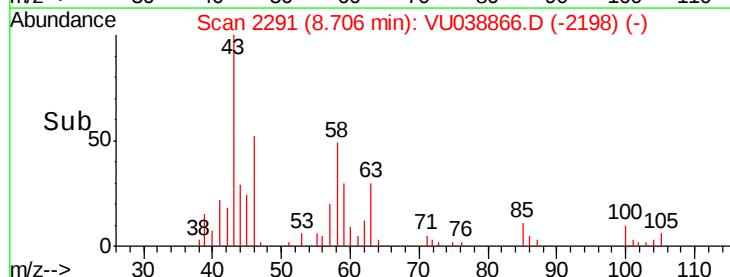
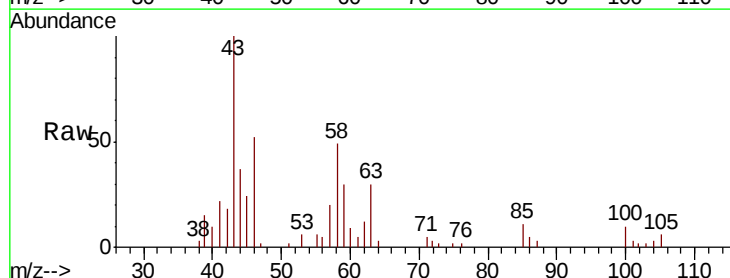
Ion Ratio Lower Upper

43 100

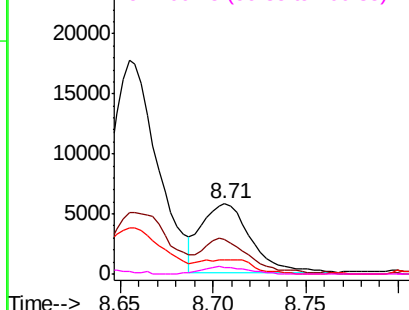
58 43.8 44.8 67.2#

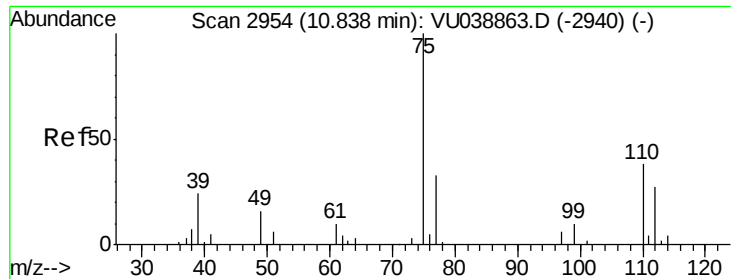
57 21.4 16.2 24.2

100 9.4 10.6 16.0#



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





#59

1,2,3-Trichloropropane

Concen: 0.149 ug/L

RT: 10.84 min Scan# 2954

Delta R.T. -0.00 min

Lab File: VU038866.D

Acq: 12 Jun 2020 22:36

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 2193

Ion Ratio Lower Upper

75 100

77 30.3 25.8 38.8

