

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038066.D
 Acq On : 08 May 2020 02:39
 Operator : JC/MD
 Sample : L2528-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 05:00:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 04:55:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	369715	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	363878	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	170778	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	148113	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.93	69	126189	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.59	63	181614	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.66	46	316545	37.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.88%
24) Chloroform-d	5.10	84	203196	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	5.74	65	130971	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.76	84	502534	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.72	67	158435	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.92	98	447006	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.20	79	56420	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.65	63	285240	42.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115296	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	154806	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

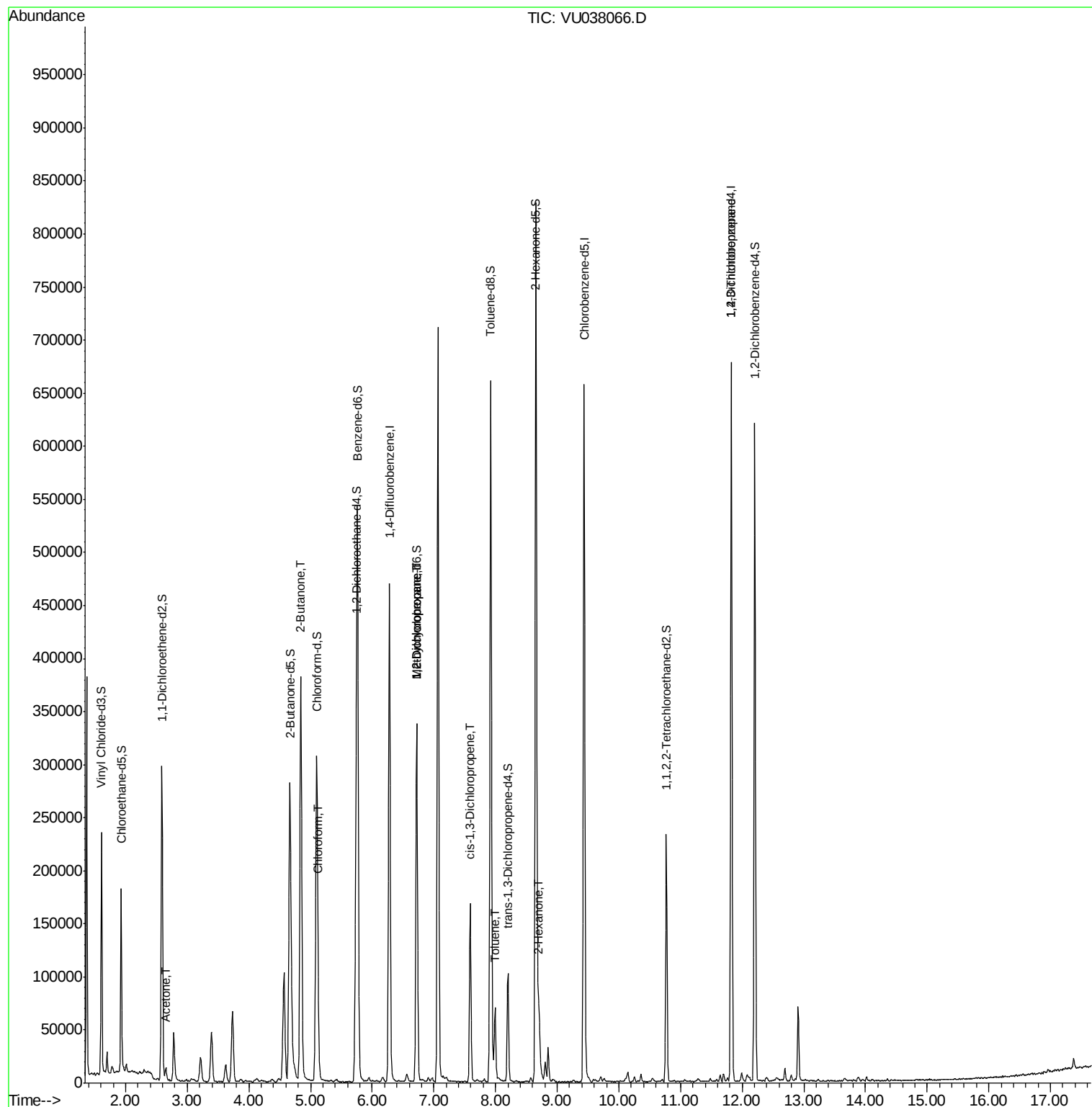
					Ovalue
13) Acetone	2.65	43	13229	2.527 ug/L	93
21) 2-Butanone	4.84	43	497775	53.873 ug/L #	49
25) Chloroform	5.13	83	25272	0.495 ug/L	93
35) Methylcyclohexane	6.72	83	35998	0.763 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16832	0.532 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4034	0.089 ug/L #	52
42) Toluene	7.99	91	47705	0.388 ug/L	100
48) 2-Hexanone	8.71	43	38730	2.411 ug/L #	94
59) 1,2,3-Trichloropropane	11.82	75	23056	1.085 ug/L	91

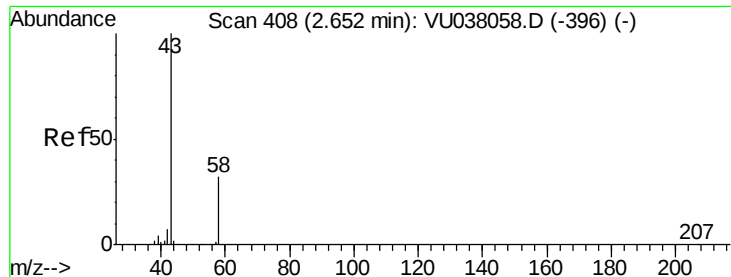
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.527 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU038066.D

Acq: 08 May 2020 02:39

Instrument :

MSVOA_U

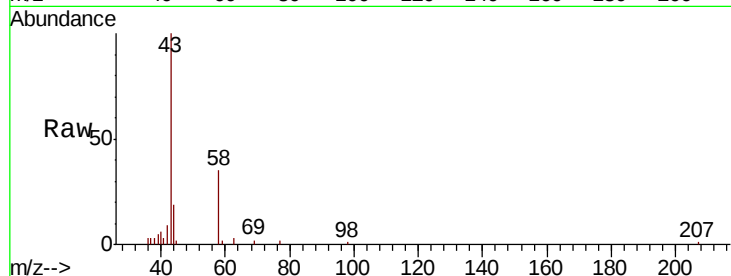
ClientSampleId :

Tot Ion: 43 Resp: 13229

Ion Ratio Lower Upper

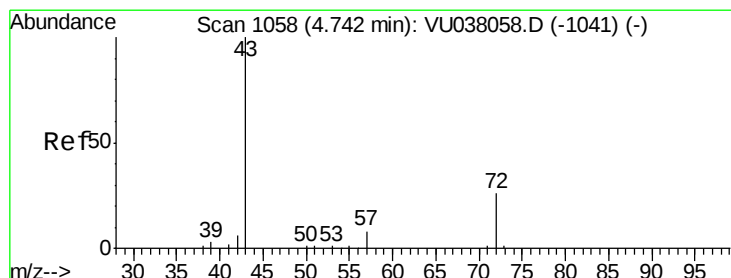
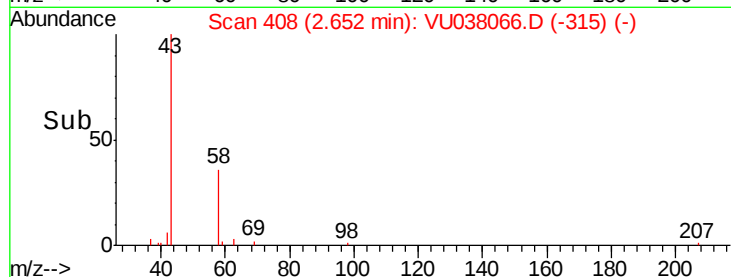
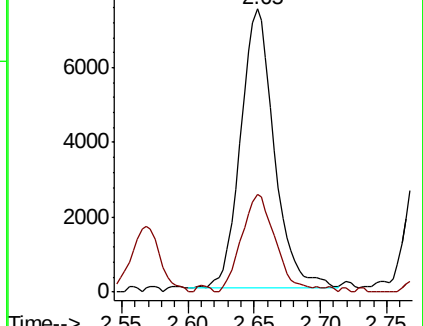
43 100

58 35.5 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038058.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU038058.D (-396) (-)



#21

2-Butanone

Concen: 53.873 ug/L

RT: 4.84 min Scan# 1089

Delta R.T. 0.10 min

Lab File: VU038066.D

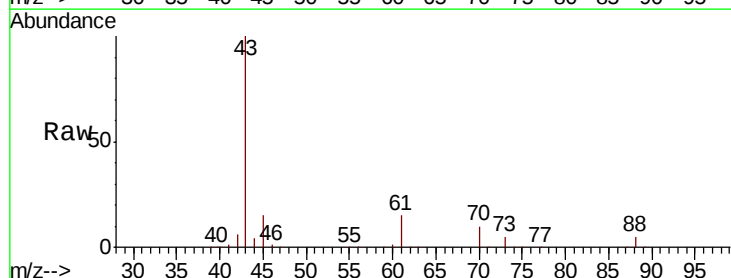
Acq: 08 May 2020 02:39

Tgt Ion: 43 Resp: 497775

Ion Ratio Lower Upper

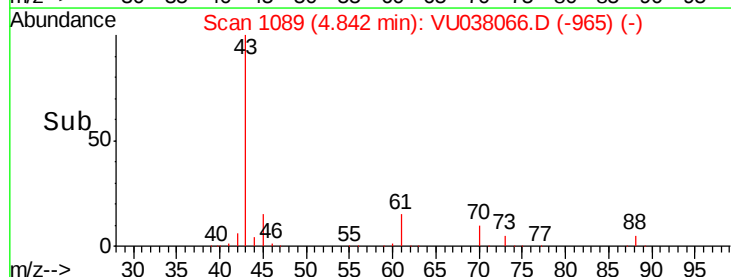
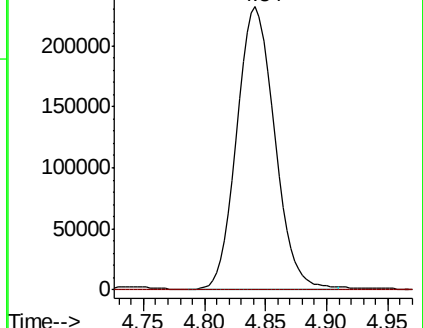
43 100

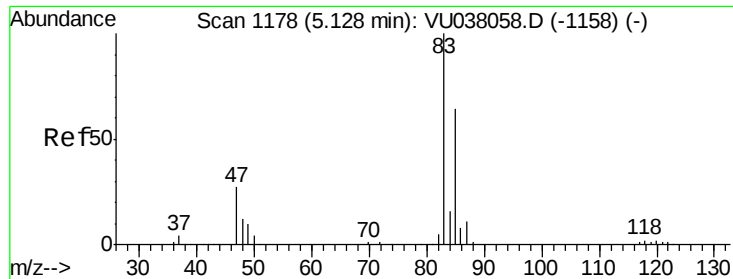
72 0.3 13.5 40.4#



Abundance Ion 43.05 (42.75 to 43.75): VU038058.D (-1041) (-)

Ion 72.10 (71.80 to 72.80): VU038058.D (-1041) (-)

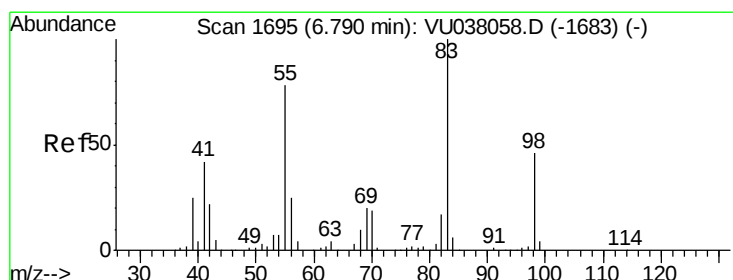
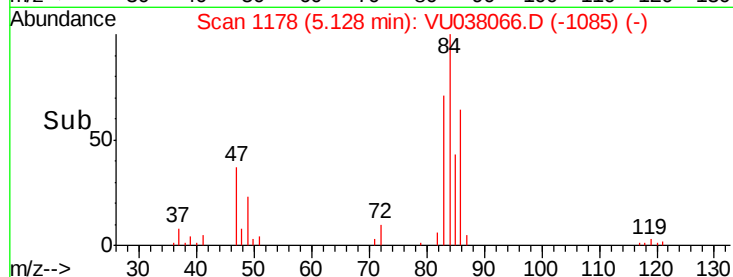
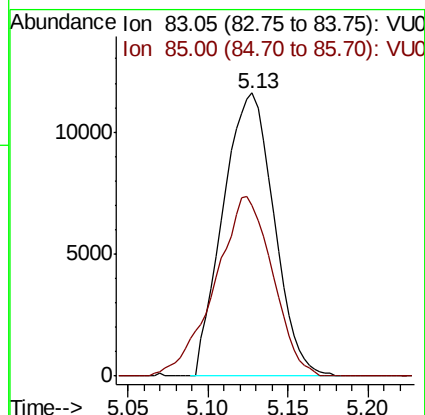
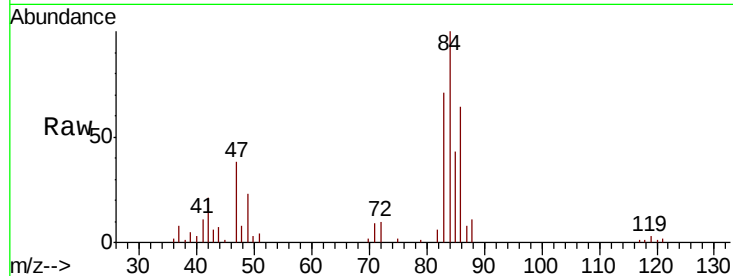




#25
Chloroform
Concen: 0.495 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038066.D
Acq: 08 May 2020 02:39

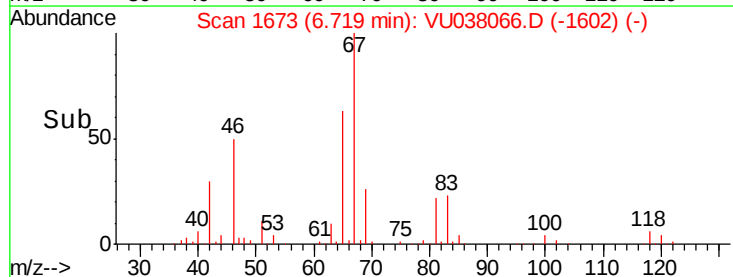
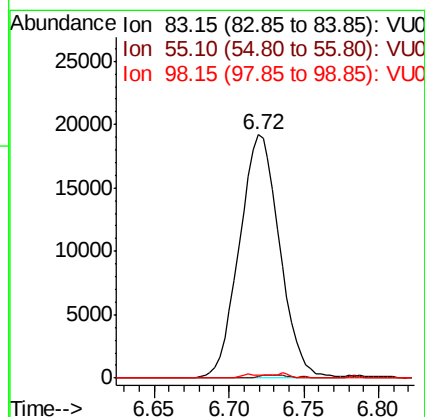
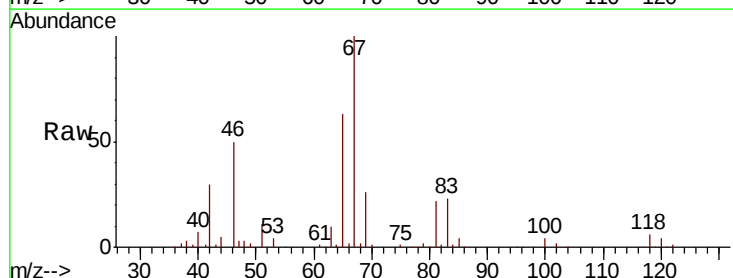
Instrument :
MSVOA_U
ClientSampleId :

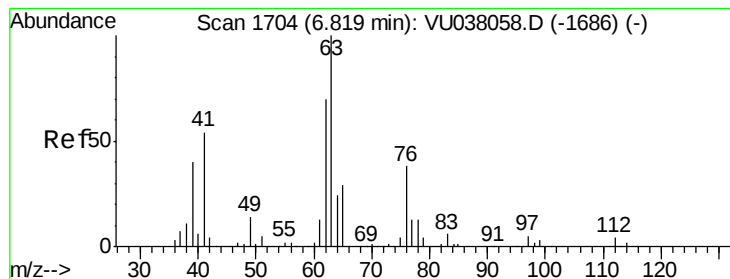
Tot Ion: 83 Resp: 25272
Ion Ratio Lower Upper
83 100
85 60.1 46.2 85.8



#35
Methylcyclohexane
Concen: 0.763 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038066.D
Acq: 08 May 2020 02:39

Tgt Ion: 83 Resp: 35998
Ion Ratio Lower Upper
83 100
55 0.8 66.7 100.1#
98 0.8 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.532 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038066.D

Acq: 08 May 2020 02:39

Instrument :

MSVOA_U

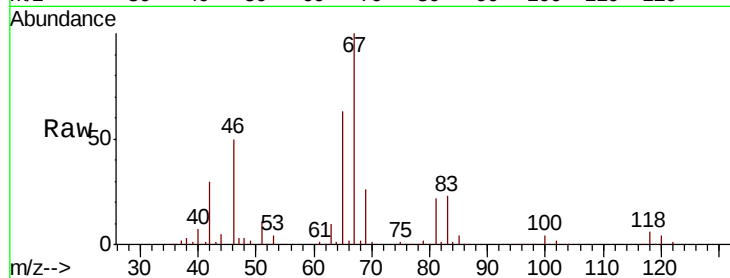
ClientSampleId :

Tot Ion: 63 Resp: 16832

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU038058.D (-1686) (-)

Ion 112.10 (111.80 to 112.80): VU038058.D (-1686) (-)

6.72

8000

6000

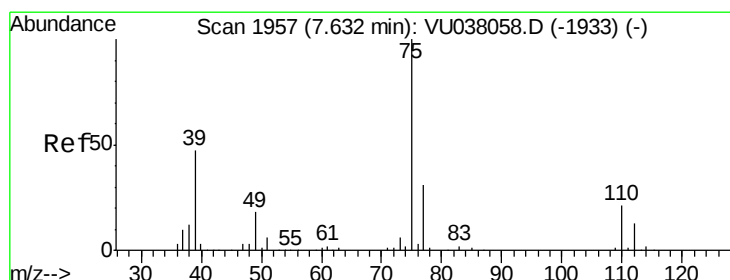
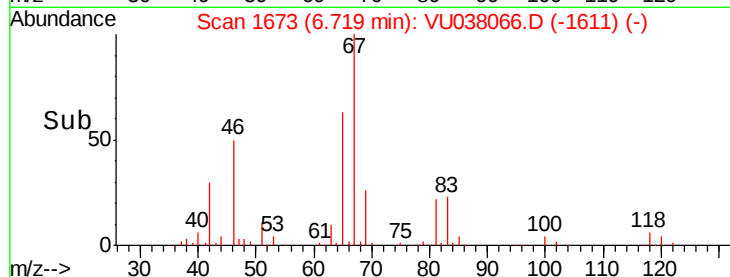
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038066.D

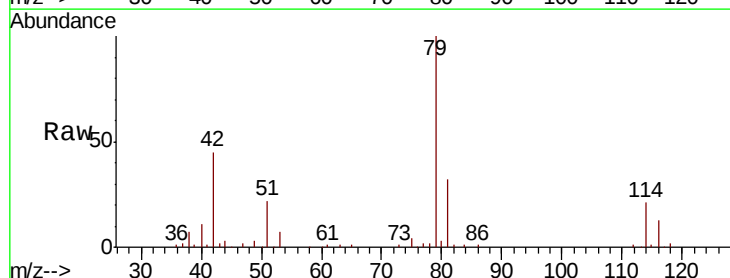
Acq: 08 May 2020 02:39

Tgt Ion: 75 Resp: 4034

Ion Ratio Lower Upper

75 100

77 58.9 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038058.D (-1933) (-)

Ion 77.05 (76.75 to 77.75): VU038058.D (-1933) (-)

7.59

2500

2000

1500

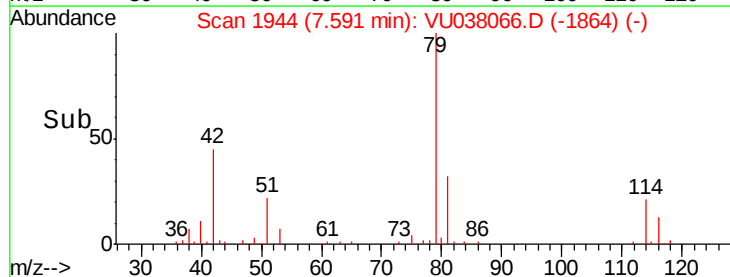
1000

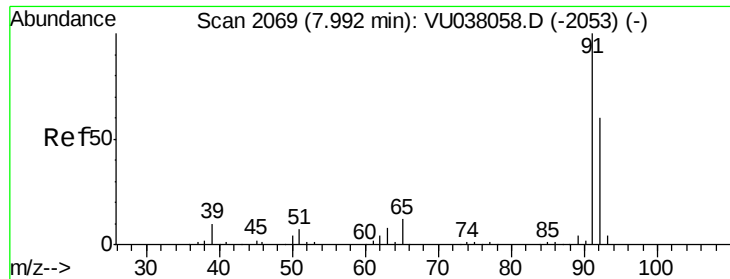
500

0

7.55 7.60 7.65

Time-->





#42

Toluene

Concen: 0.388 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038066.D

Acq: 08 May 2020 02:39

Instrument :

MSVOA_U

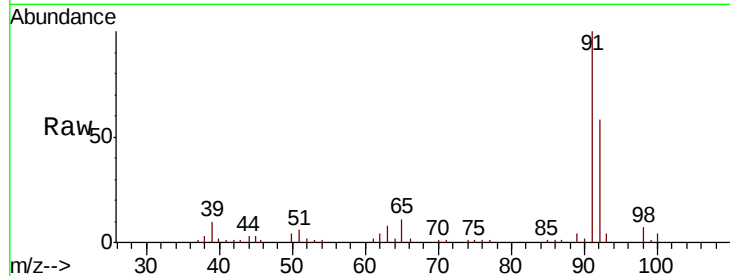
ClientSampleId :

Tot Ion: 91 Resp: 47705

Ion Ratio Lower Upper

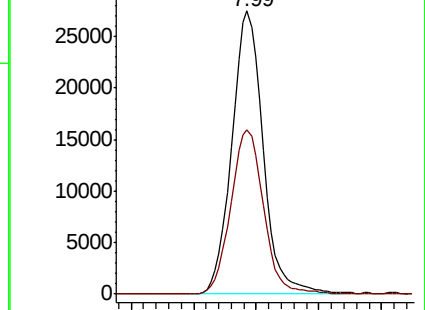
91 100

92 58.2 40.9 75.9

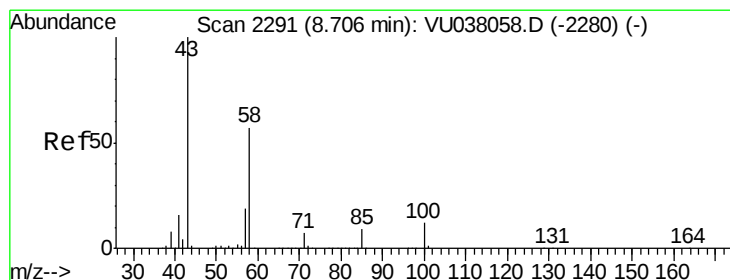
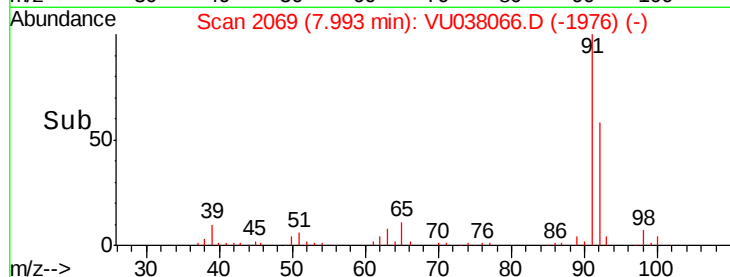


Abundance Ion 91.15 (90.85 to 91.85): VU038058.D (-2053) (-)

Ion 92.15 (91.85 to 92.85): VU038058.D (-2053) (-)



Time-->



#48

2-Hexanone

Concen: 2.411 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. 0.00 min

Lab File: VU038066.D

Acq: 08 May 2020 02:39

Tgt Ion: 43 Resp: 38730

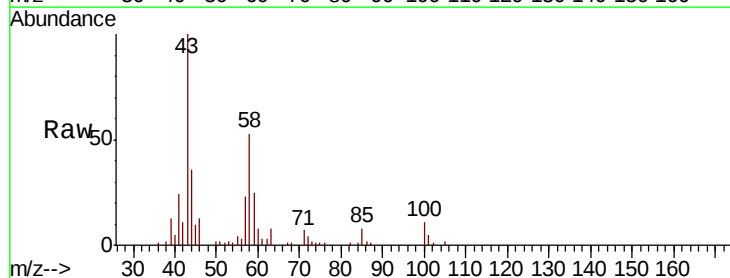
Ion Ratio Lower Upper

43 100

58 54.0 45.2 67.8

57 13.5 15.5 23.3#

100 10.0 9.5 14.3

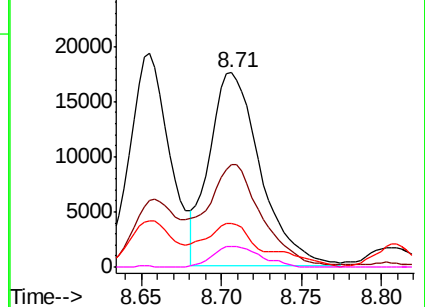


Abundance Ion 43.05 (42.75 to 43.75): VU038058.D (-2280) (-)

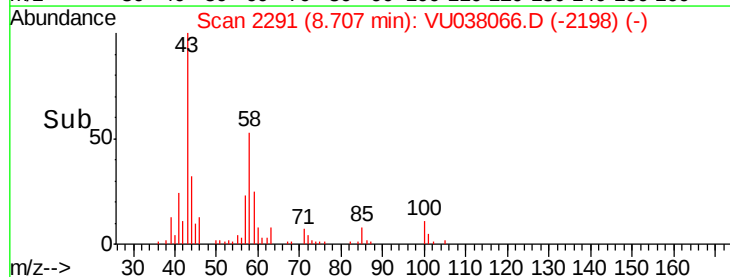
Ion 58.05 (57.75 to 58.75): VU038058.D (-2280) (-)

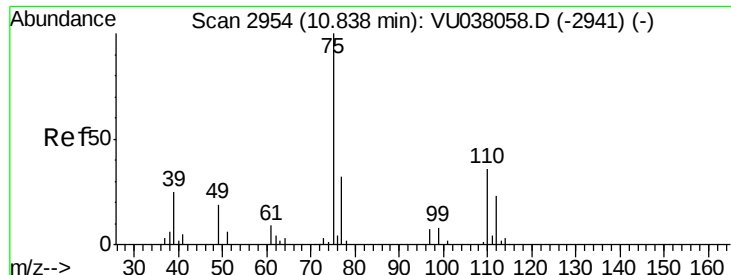
Ion 57.20 (56.90 to 57.90): VU038058.D (-2280) (-)

Ion 100.15 (99.85 to 100.85): VU038058.D (-2280) (-)



Time-->





#59

1,2,3-Trichloropropane

Concen: 1.085 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038066.D

Acq: 08 May 2020 02:39

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 23056

Ion Ratio Lower Upper

75 100

77 36.6 25.4 38.0

