

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038047.D
 Acq On : 07 May 2020 18:31
 Operator : JC/MD
 Sample : L2526-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 01:54:49 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	325577	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	322634	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	149733	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105999	3.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.20%
7) Chloroethane-d5	1.93	69	95383	3.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.00%
11) 1,1-Dichloroethene-d2	2.59	63	137053	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.66	46	267528	36.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.82%
24) Chloroform-d	5.10	84	164086	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.60%
26) 1,2-Dichloroethane-d4	5.74	65	109280	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
32) Benzene-d6	5.76	84	411264	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.72	67	132275	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.92	98	370325	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.20	79	44997	3.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.00%
46) 2-Hexanone-d5	8.65	63	236527	40.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97299	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	126516	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

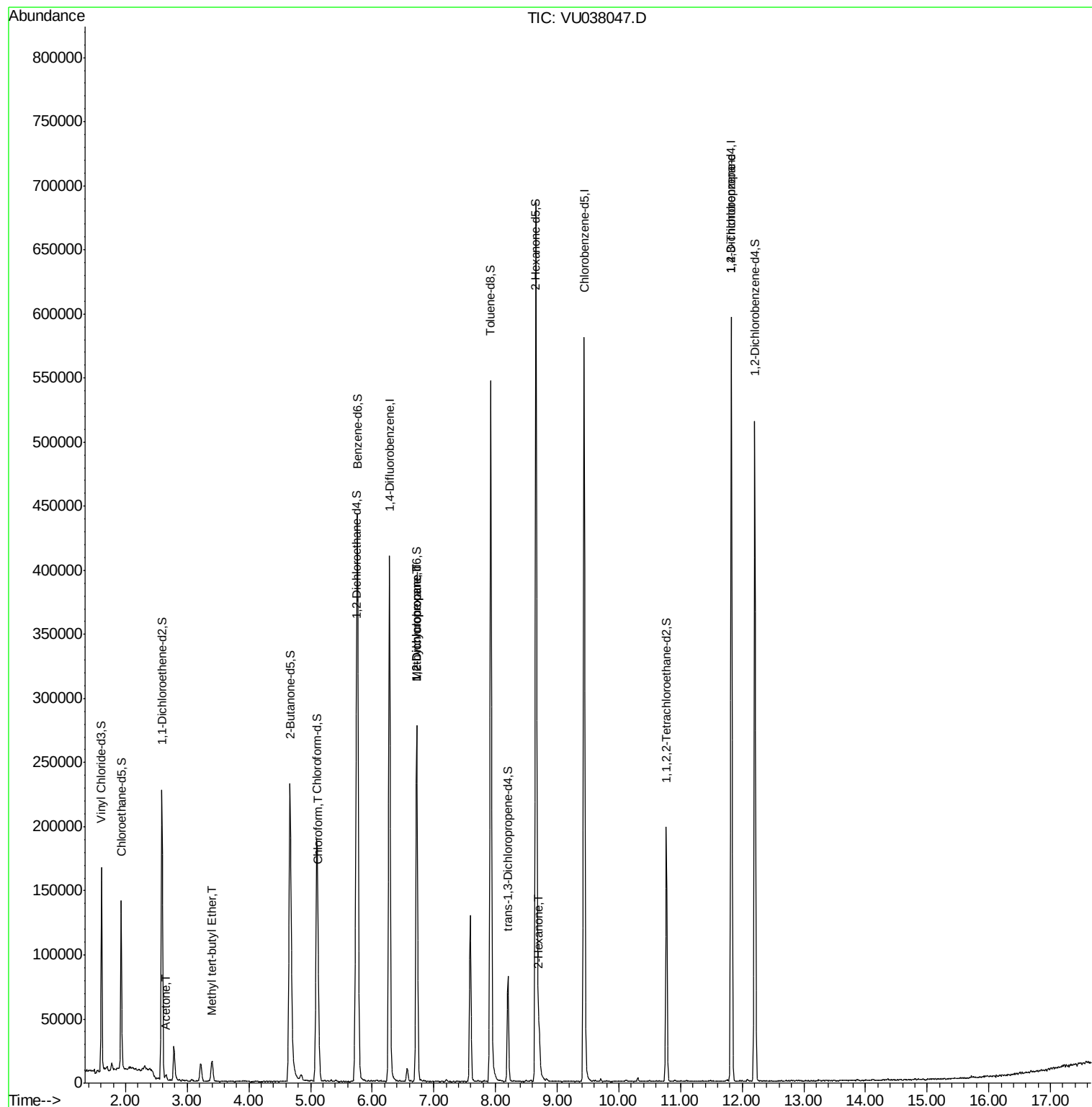
					Ovalue
13) Acetone	2.66	43	5211	1.130	ug/L 98
17) Methyl tert-butyl Ether	3.40	73	17629	0.281	ug/L 99
25) Chloroform	5.13	83	44445	0.989	ug/L 91
35) Methylcyclohexane	6.72	83	30170	0.721	ug/L # 16
37) 1,2-Dichloropropane	6.72	63	14208	0.506	ug/L # 88
48) 2-Hexanone	8.71	43	23019	1.616	ug/L # 95
59) 1,2,3-Trichloropropane	11.83	75	19818	1.052	ug/L 89

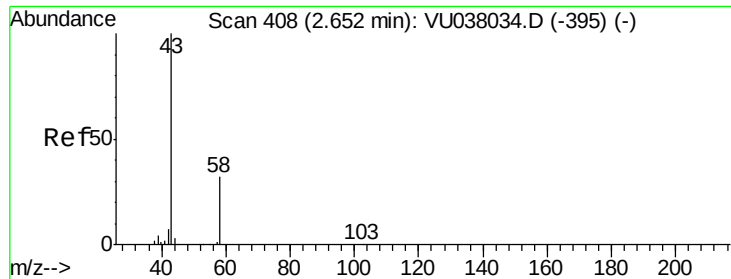
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.130 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU038047.D

Acq: 07 May 2020 18:31

Instrument :

MSVOA_U

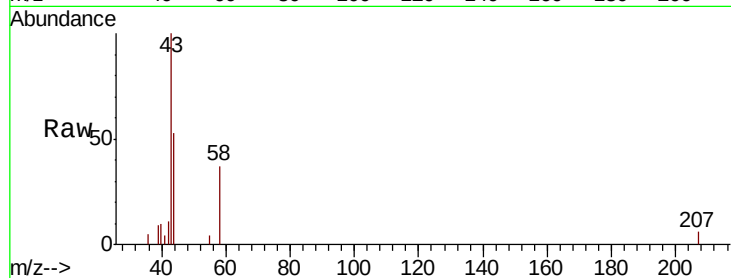
ClientSampleId :

Tot Ion: 43 Resp: 5211

Ion Ratio Lower Upper

43 100

58 33.2 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038034.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU038034.D (-395) (-)

2.66

2500

2000

1500

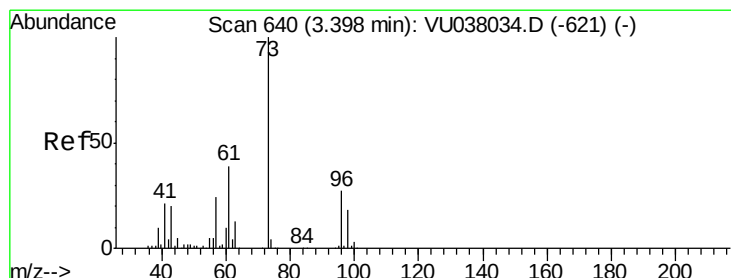
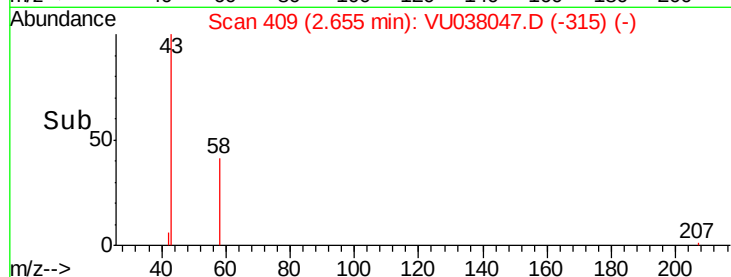
1000

500

0

2.60 2.65 2.70

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.281 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038047.D

Acq: 07 May 2020 18:31

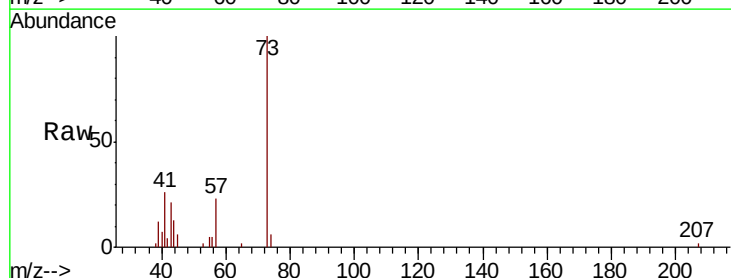
Tgt Ion: 73 Resp: 17629

Ion Ratio Lower Upper

73 100

43 21.3 16.9 25.3

57 22.2 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VU038034.D (-621) (-)

Ion 43.05 (42.75 to 43.75): VU038034.D (-621) (-)

Ion 57.10 (56.80 to 57.80): VU038034.D (-621) (-)

3.40

10000

8000

6000

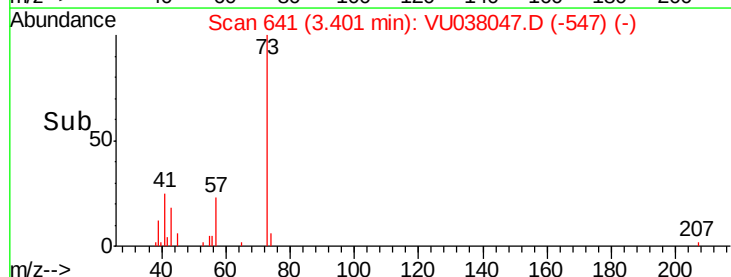
4000

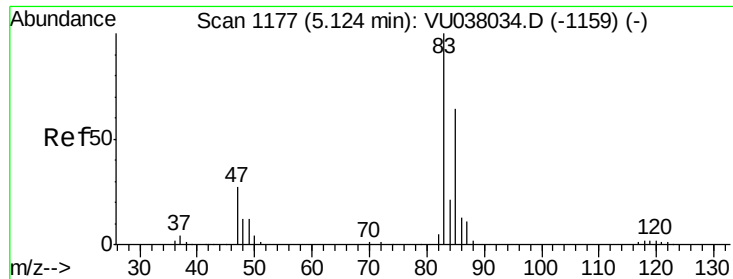
2000

0

3.30 3.35 3.40 3.45

Time-->

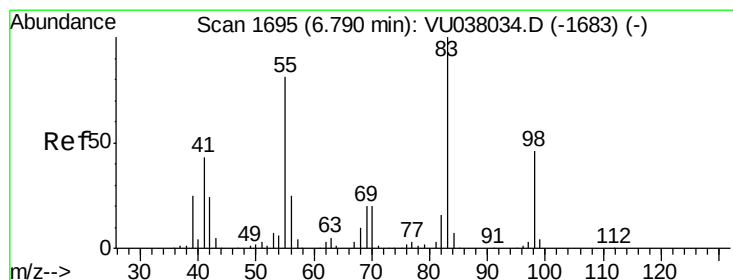
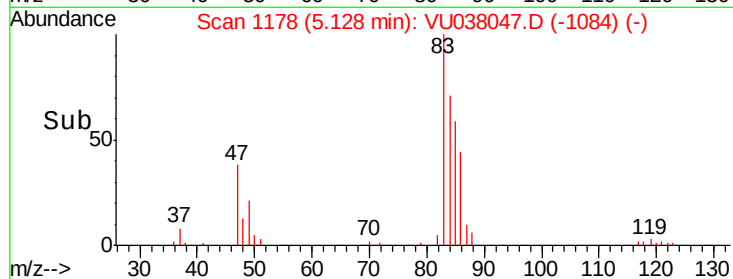
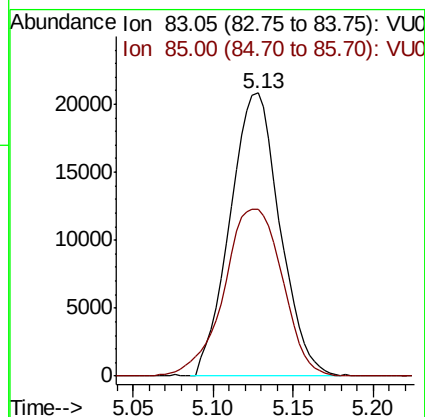
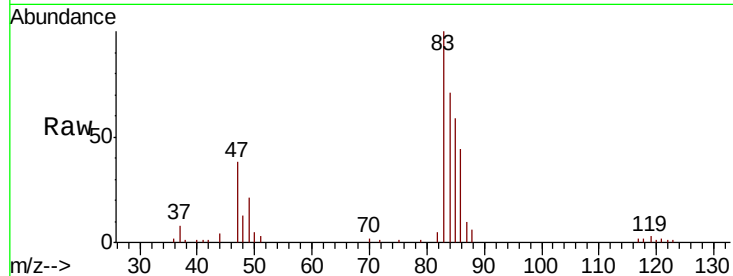




#25
Chloroform
Concen: 0.989 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038047.D
Acq: 07 May 2020 18:31

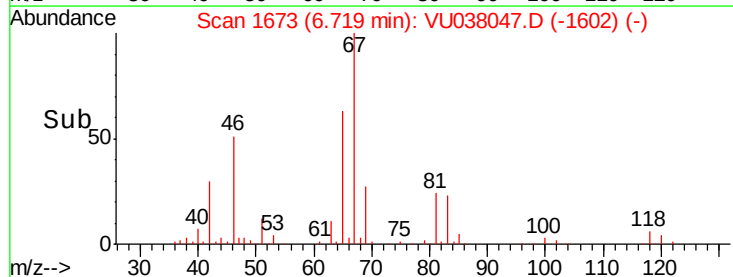
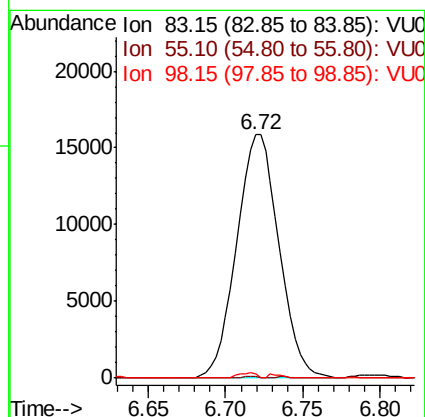
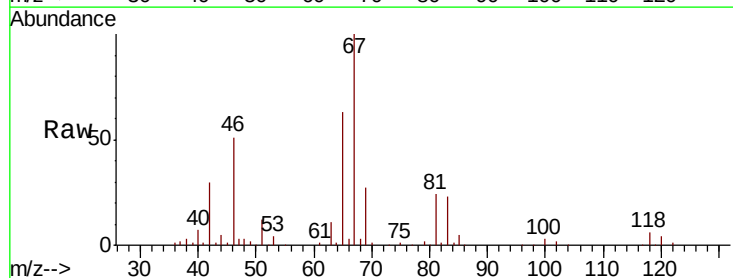
Instrument :
MSVOA_U
ClientSampleId :

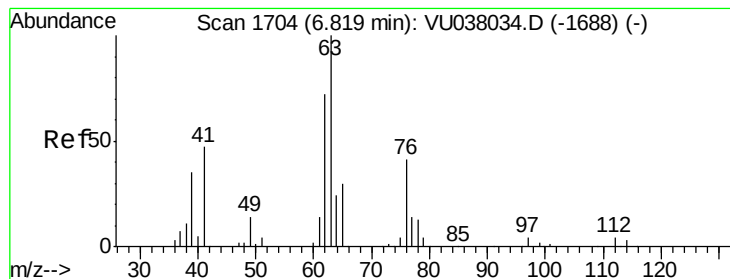
Tot Ion: 83 Resp: 44445
Ion Ratio Lower Upper
83 100
85 58.9 46.2 85.8



#35
Methylcyclohexane
Concen: 0.721 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038047.D
Acq: 07 May 2020 18:31

Tgt Ion: 83 Resp: 30170
Ion Ratio Lower Upper
83 100
55 0.2 66.7 100.1#
98 0.9 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.506 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038047.D

Acq: 07 May 2020 18:31

Instrument :

MSVOA_U

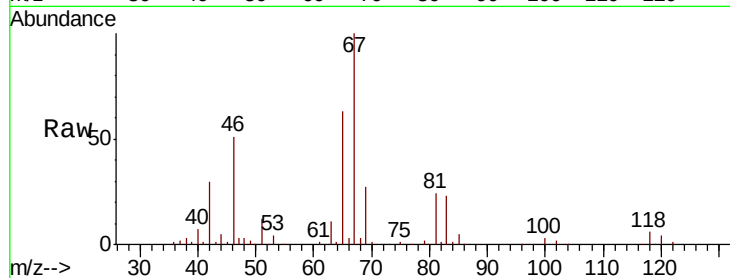
ClientSampled :

Tot Ion: 63 Resp: 14208

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU038047.D (-1673) (-)

Ion 112.10 (111.80 to 112.80): VU038047.D (-1673) (-)

6.72

8000

6000

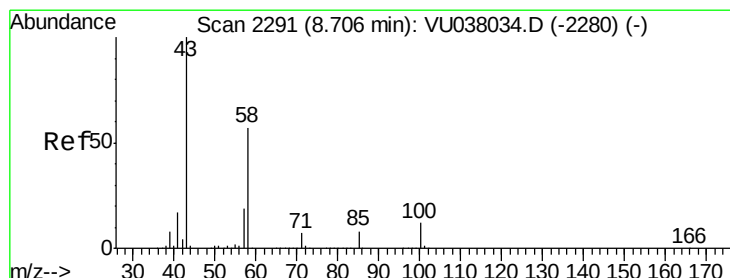
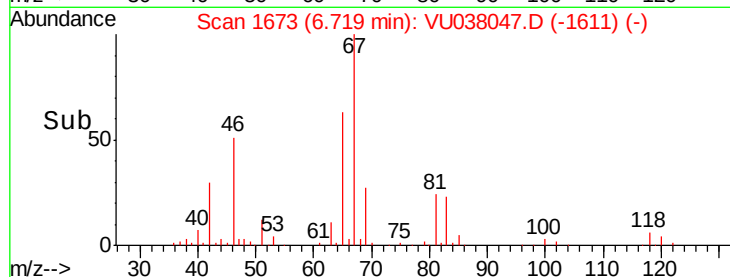
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#48

2-Hexanone

Concen: 1.616 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. 0.00 min

Lab File: VU038047.D

Acq: 07 May 2020 18:31

Tgt Ion: 43 Resp: 23019

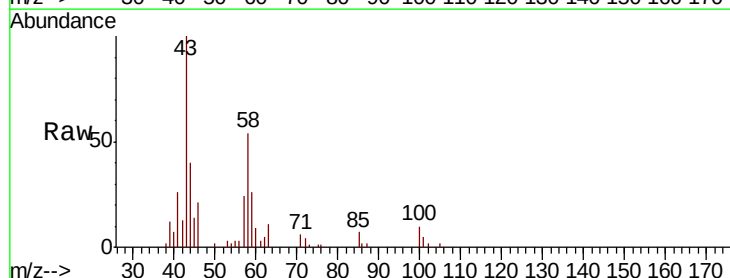
Ion Ratio Lower Upper

43 100

58 53.4 45.2 67.8

57 23.8 15.5 23.3#

100 11.2 9.5 14.3



Abundance Ion 43.05 (42.75 to 43.75): VU038047.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VU038047.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VU038047.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VU038047.D (-2198) (-)

20000

15000

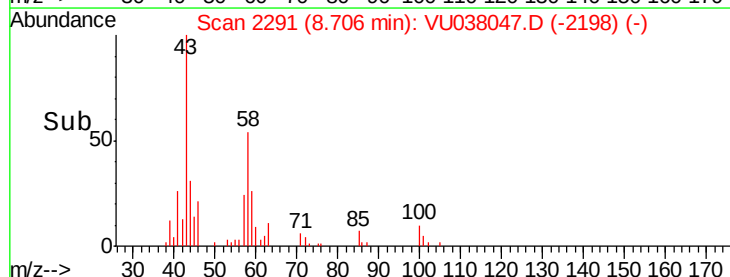
10000

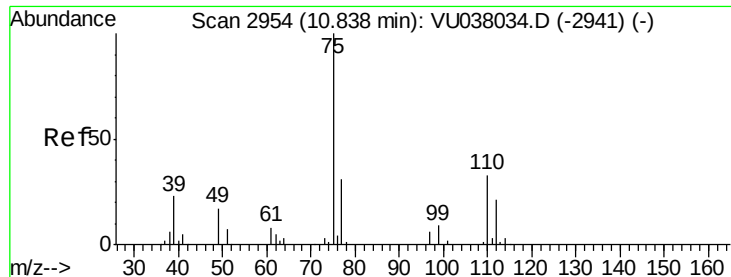
5000

0

8.65 8.70 8.75 8.80

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.052 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038047.D

Acq: 07 May 2020 18:31

Instrument :

MSVOA_U

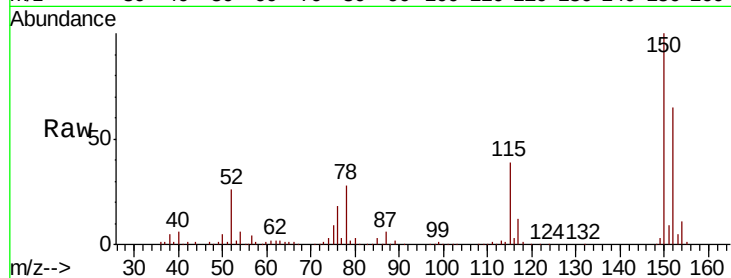
ClientSampleId :

Tot Ion: 75 Resp: 19818

Ion Ratio Lower Upper

75 100

77 37.6 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

