

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038071.D
 Acq On : 08 May 2020 04:35
 Operator : JC/MD
 Sample : L2528-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 05:01:19 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	359317	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	353860	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	165373	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	136197	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.93	69	116136	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.59	63	167365	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.66	46	361362	44.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.12%
24) Chloroform-d	5.10	84	204987	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.74	65	121689	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.76	84	465231	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.72	67	148931	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.92	98	412736	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.20	79	51528	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.65	63	288833	44.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112333	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	143338	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

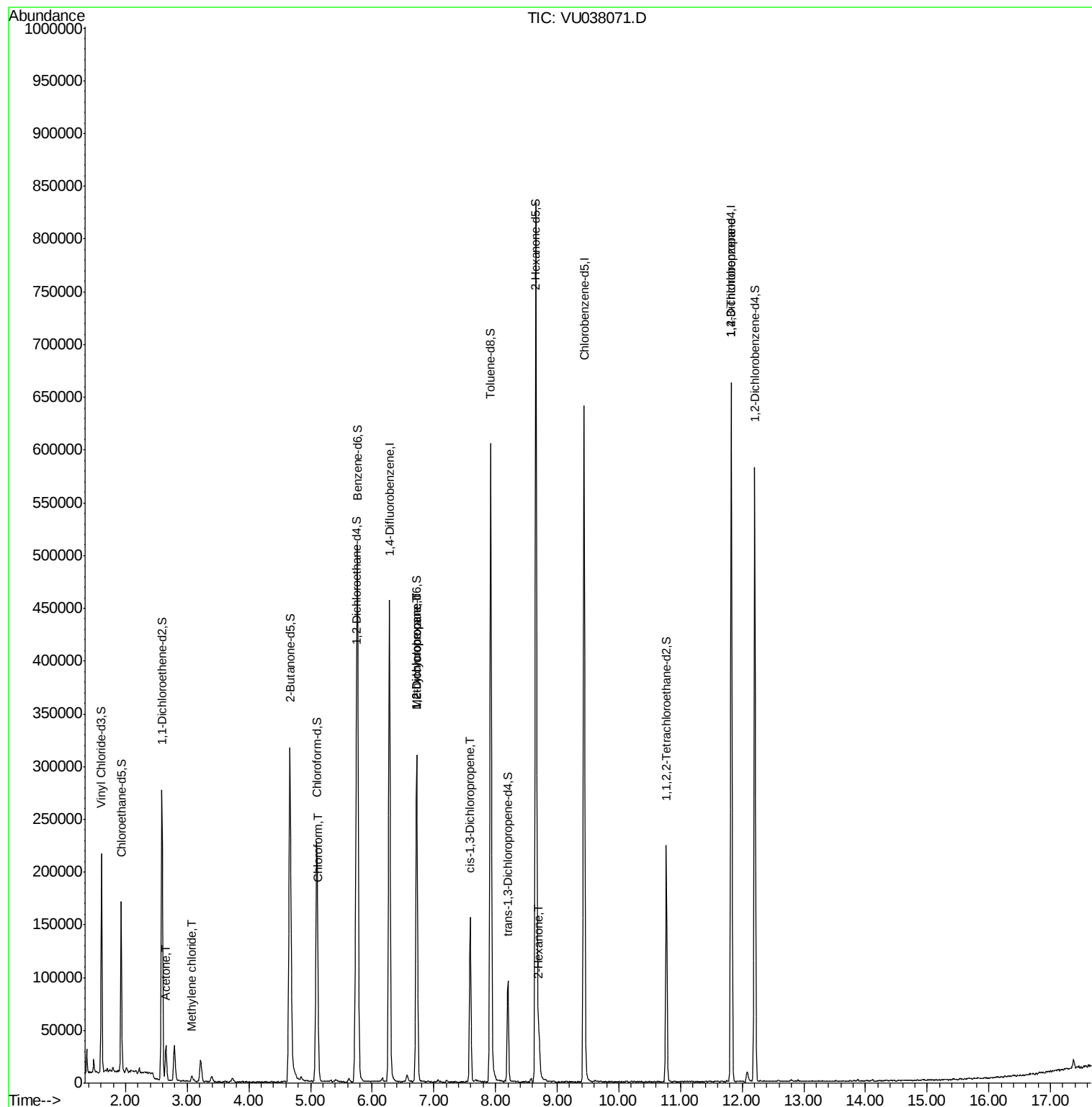
					Ovalue
13) Acetone	2.65	43	37982	7.466	ug/L 99
16) Methylene chloride	3.07	84	2348	0.081	ug/L 91
25) Chloroform	5.12	83	10922	0.220	ug/L 99
35) Methylcyclohexane	6.72	83	32951	0.718	ug/L # 16
37) 1,2-Dichloropropane	6.72	63	15145	0.492	ug/L # 89
39) cis-1,3-Dichloropropene	7.58	75	3484	0.079	ug/L # 44
48) 2-Hexanone	8.71	43	25300	1.619	ug/L # 91
59) 1,2,3-Trichloropropane	11.82	75	24300	1.176	ug/L 94

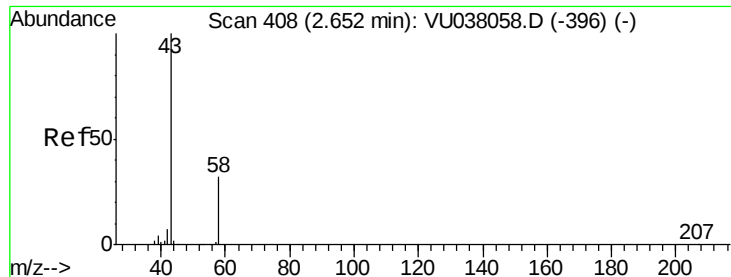
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 08 04:55:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.466 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU038071.D

Acq: 08 May 2020 04:35

Instrument :

MSVOA_U

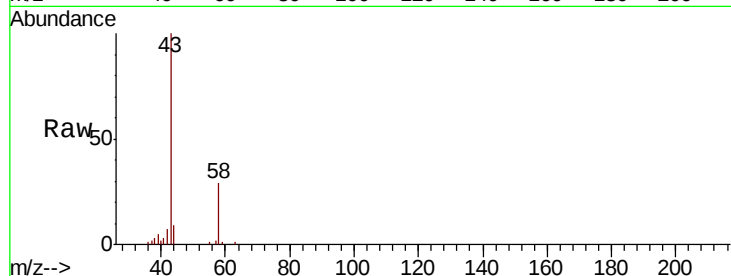
ClientSampleId :

Tot Ion: 43 Resp: 37982

Ion Ratio Lower Upper

43 100

58 32.5 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038071.D (-447) (-)

Ion 58.05 (57.75 to 58.75): VU038071.D (-447) (-)

2.65

25000

20000

15000

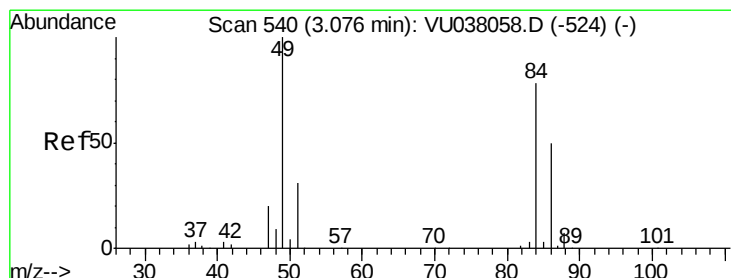
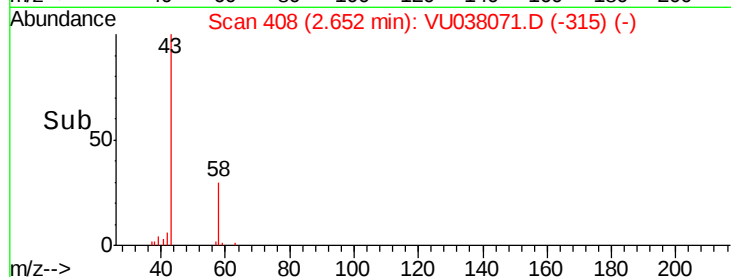
10000

5000

0

Time-->

2.55 2.60 2.65 2.70



#16

Methylene chloride

Concen: 0.081 ug/L

RT: 3.07 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU038071.D

Acq: 08 May 2020 04:35

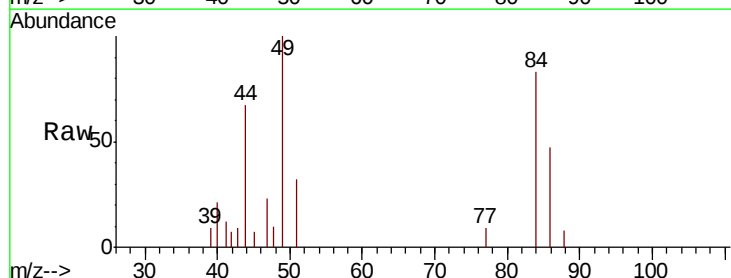
Tgt Ion: 84 Resp: 2348

Ion Ratio Lower Upper

84 100

86 56.7 44.9 83.3

49 120.9 92.0 170.9



Abundance Ion 84.05 (83.75 to 84.75): VU038071.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU038071.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU038071.D (-447) (-)

2000

1500

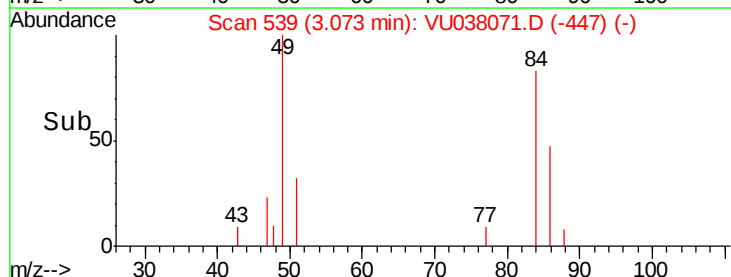
1000

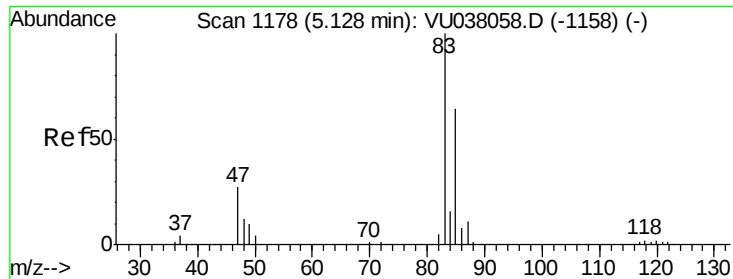
500

0

Time-->

3.05 3.10

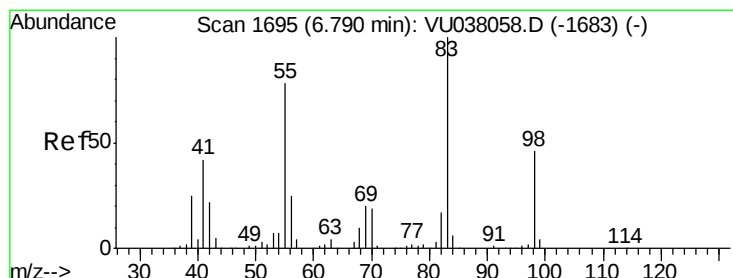
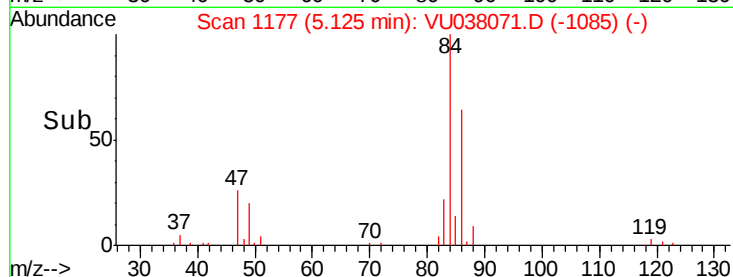
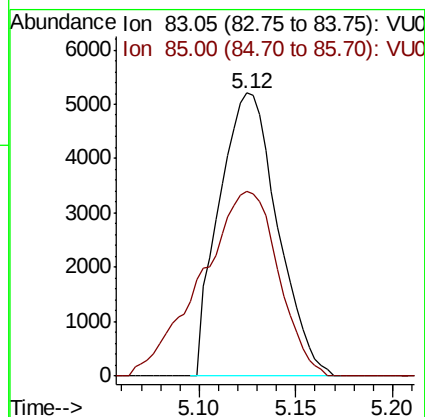
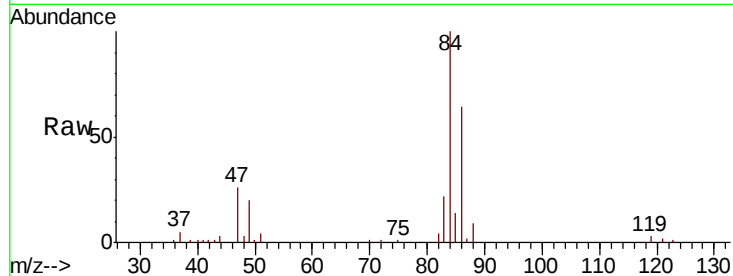




#25
Chloroform
Concen: 0.220 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038071.D
Acq: 08 May 2020 04:35

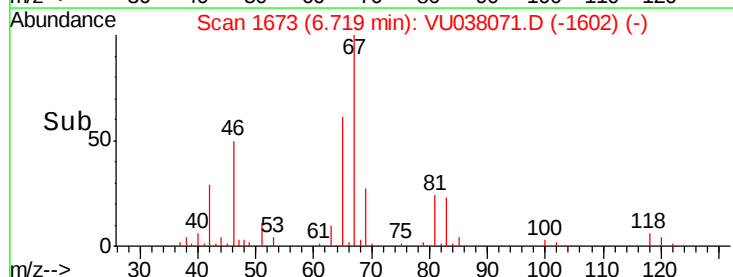
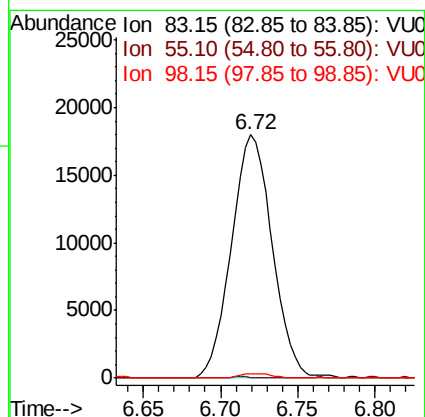
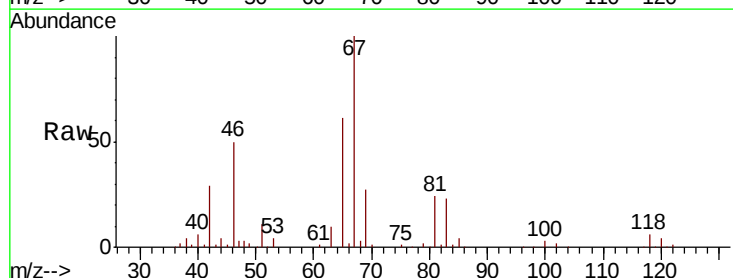
Instrument :
MSVOA_U
ClientSampleId :

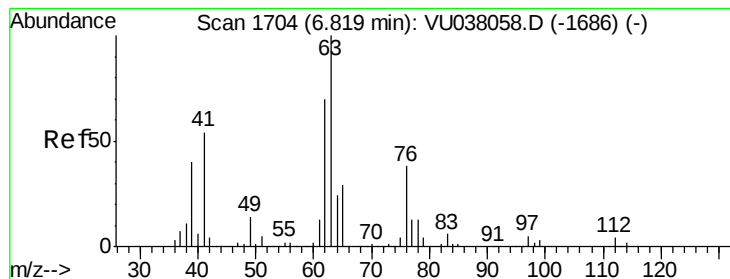
Tot Ion: 83 Resp: 10922
Ion Ratio Lower Upper
83 100
85 65.2 46.2 85.8



#35
Methylcyclohexane
Concen: 0.718 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038071.D
Acq: 08 May 2020 04:35

Tgt Ion: 83 Resp: 32951
Ion Ratio Lower Upper
83 100
55 0.2 66.7 100.1#
98 1.4 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.492 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038071.D

Acq: 08 May 2020 04:35

Instrument :

MSVOA_U

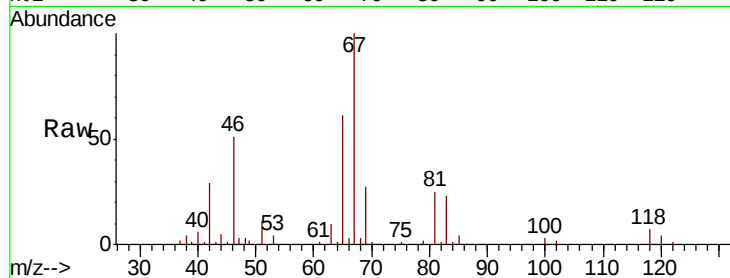
ClientSampled :

Tot Ion: 63 Resp: 15145

Ion Ratio Lower Upper

63 100

112 0.1 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU038071.D (-1611) (-)

Ion 112.10 (111.80 to 112.80): VU038071.D (-1611) (-)

8000

6000

4000

2000

0

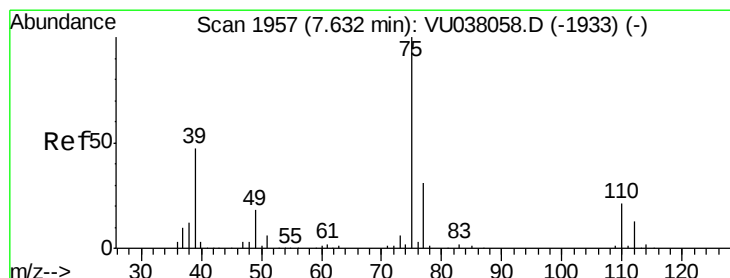
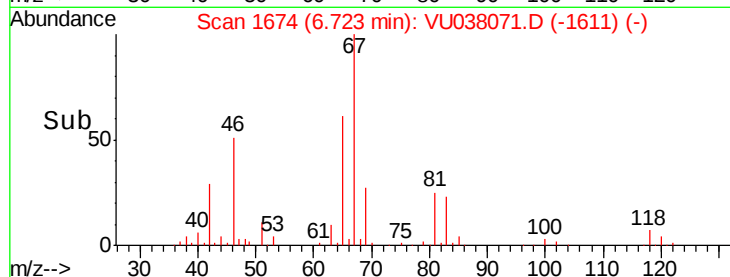
6.65

6.70

6.75

6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.58 min Scan# 1942

Delta R.T. -0.05 min

Lab File: VU038071.D

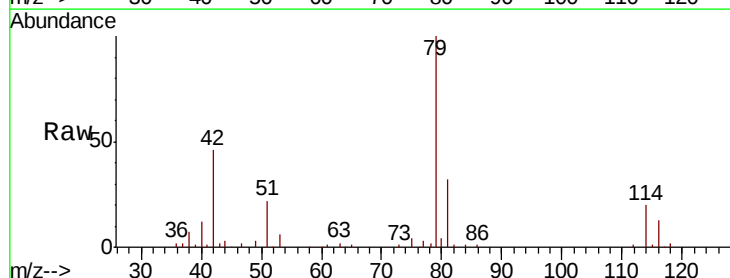
Acq: 08 May 2020 04:35

Tgt Ion: 75 Resp: 3484

Ion Ratio Lower Upper

75 100

77 63.4 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038071.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU038071.D (-1864) (-)

2000

1500

1000

500

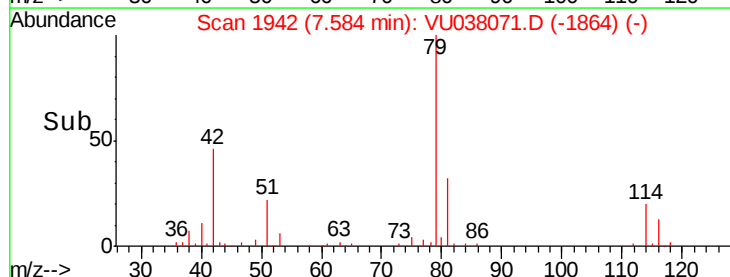
0

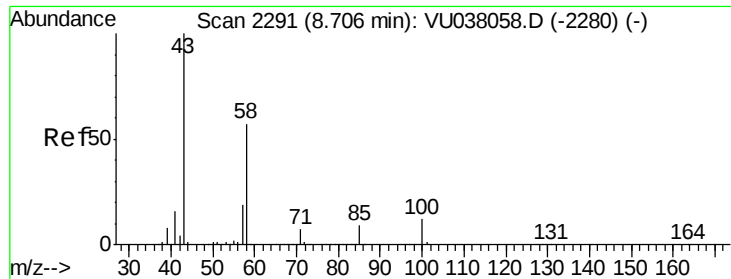
7.55

7.60

7.65

Time-->

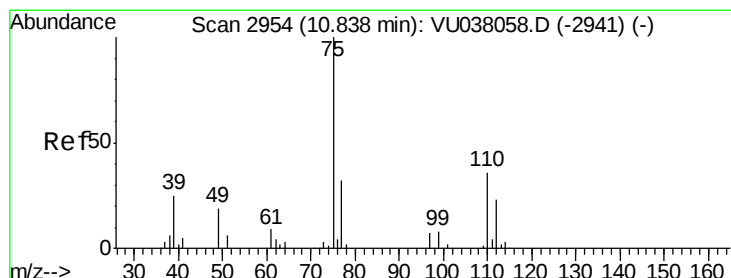
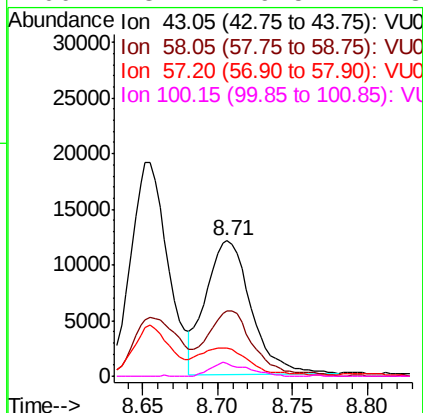
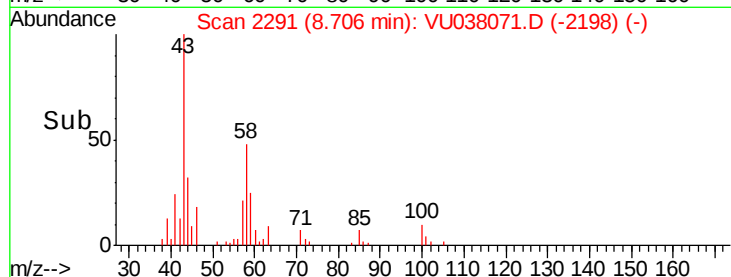
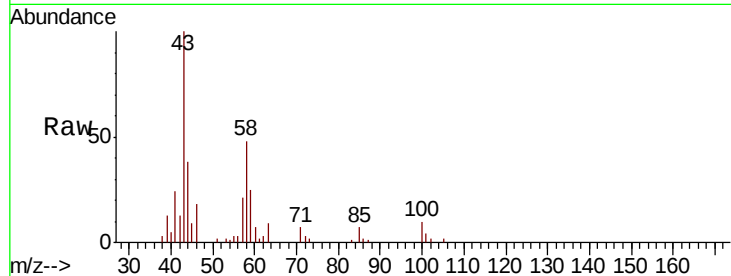




#48
 2-Hexanone
 Concen: 1.619 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: VU038071.D
 Acq: 08 May 2020 04:35

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 43 Resp: 25300
 Ion Ratio Lower Upper
 43 100
 58 50.1 45.2 67.8
 57 24.7 15.5 23.3#
 100 8.4 9.5 14.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.176 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038071.D
 Acq: 08 May 2020 04:35

Tgt Ion: 75 Resp: 24300
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.4 38.0

