

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052720\
 Data File : VU038317.D
 Acq On : 27 May 2020 13:50
 Operator : JC/MD
 Sample : L2749-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 28 04:18:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 04:16:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	315011	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	307128	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	148410	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86578	3.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.20%
7) Chloroethane-d5	1.93	69	82087	3.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.80%
11) 1,1-Dichloroethene-d2	2.59	63	133562	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.66	46	333256	46.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.76%
24) Chloroform-d	5.10	84	191402	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.74	65	113652	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.76	84	401690	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.72	67	130873	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.92	98	357472	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.20	79	50753	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.65	63	275608	49.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108229	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	141861	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

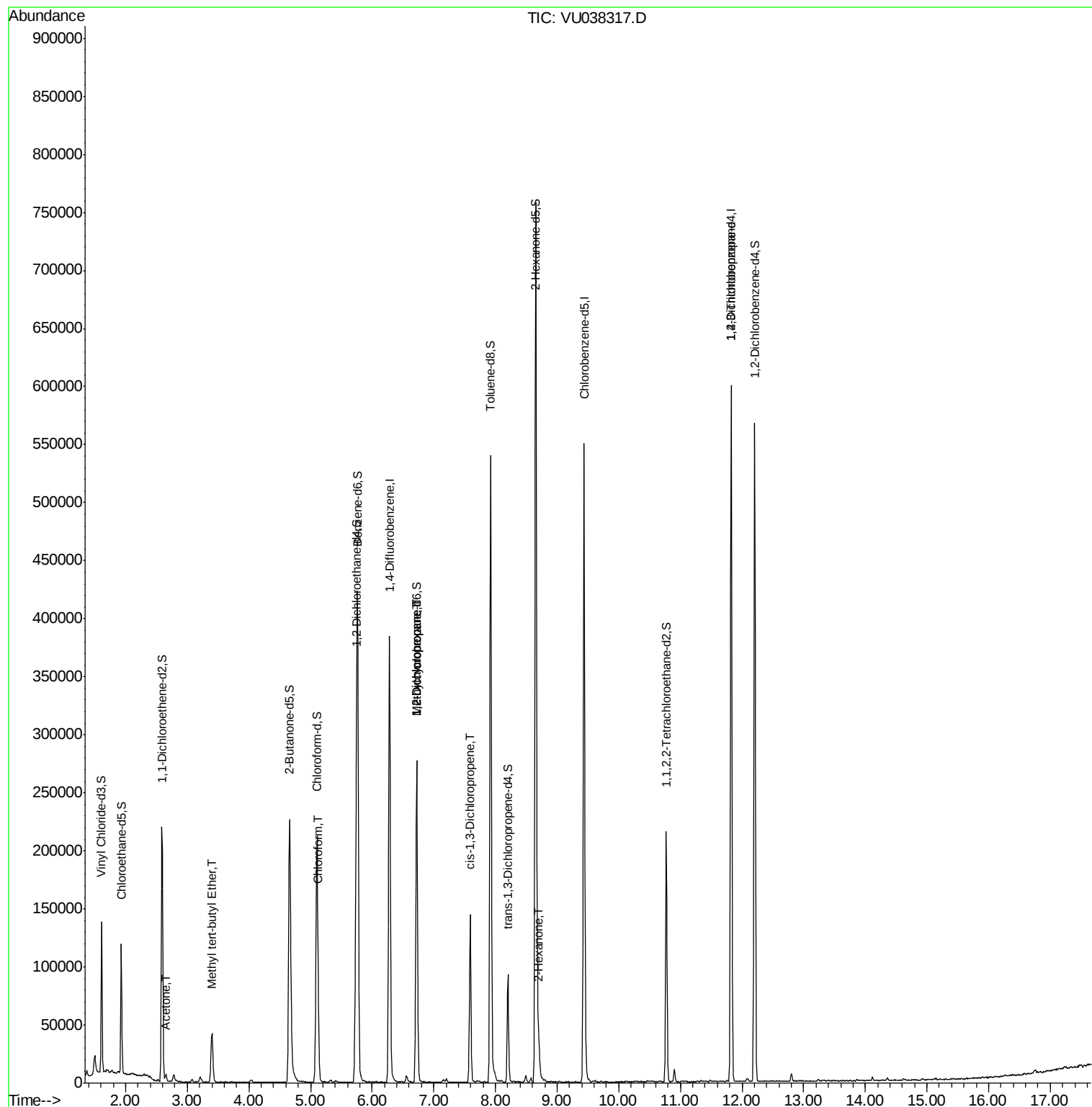
					Ovalue
13) Acetone	2.65	43	6663	1.494 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	46464	0.765 ug/L	99
25) Chloroform	5.13	83	21811	0.502 ug/L	100
35) Methylcyclohexane	6.72	83	29779	0.747 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	13809	0.517 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3505	0.092 ug/L #	77
48) 2-Hexanone	8.70	43	17893	1.320 ug/L #	93
59) 1,2,3-Trichloropropane	11.82	75	19895	1.110 ug/L	92

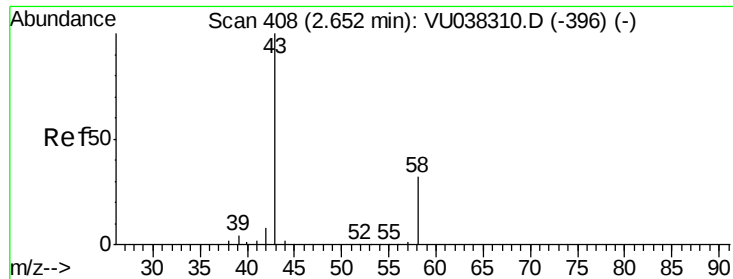
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.494 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.00 min

Lab File: VU038317.D

Acq: 27 May 2020 13:50

Instrument :

MSVOA_U

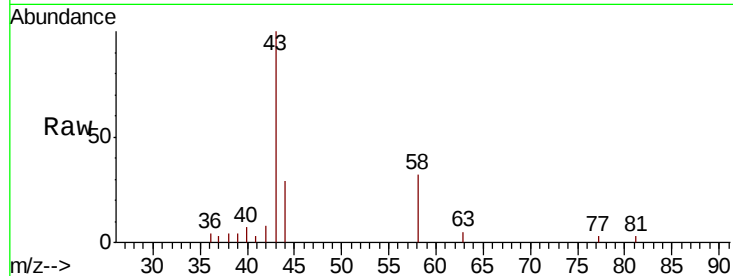
ClientSampleId :

Tot Ion: 43 Resp: 6663

Ion Ratio Lower Upper

43 100

58 32.5 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038317.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU038317.D (-396) (-)

2.65

4000

3000

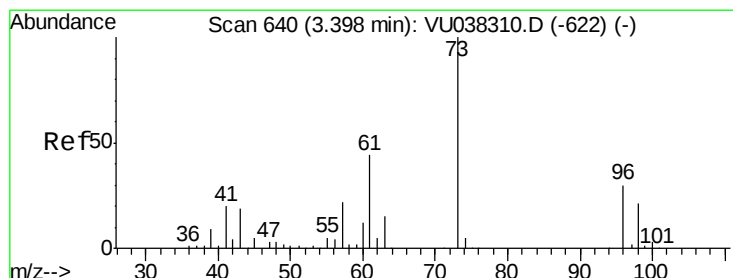
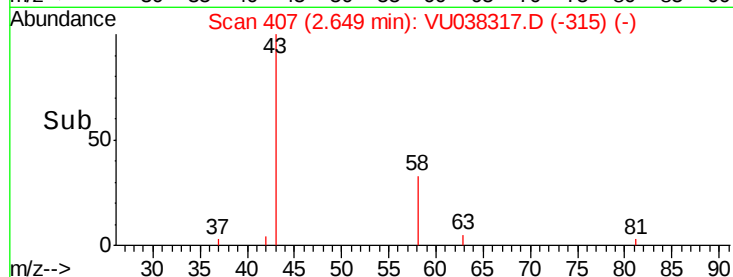
2000

1000

0

Time-->

2.60 2.65 2.70



#17

Methyl tert-butyl Ether

Concen: 0.765 ug/L

RT: 3.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: VU038317.D

Acq: 27 May 2020 13:50

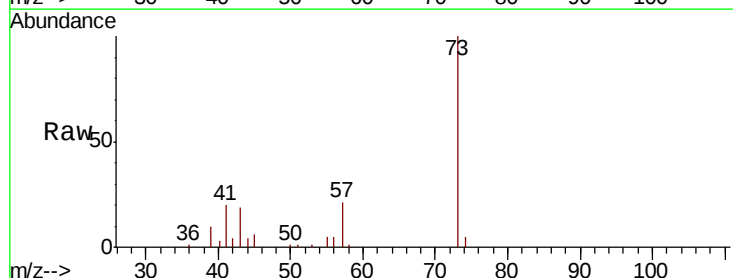
Tgt Ion: 73 Resp: 46464

Ion Ratio Lower Upper

73 100

43 20.3 16.9 25.3

57 22.4 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VU038317.D (-622) (-)

Ion 43.05 (42.75 to 43.75): VU038317.D (-622) (-)

Ion 57.10 (56.80 to 57.80): VU038317.D (-622) (-)

3.40

25000

20000

15000

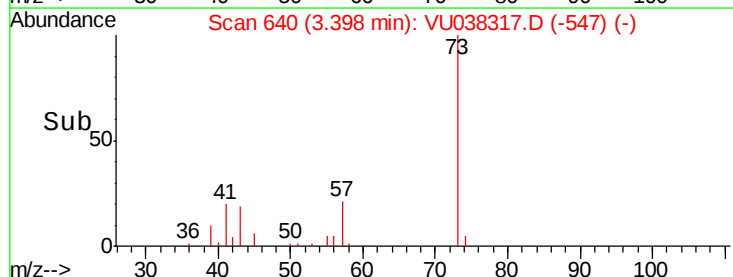
10000

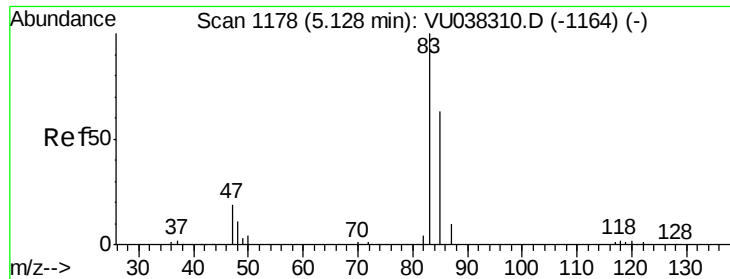
5000

0

Time-->

3.30 3.35 3.40 3.45

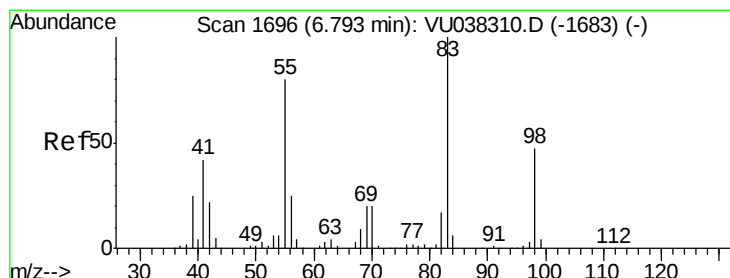
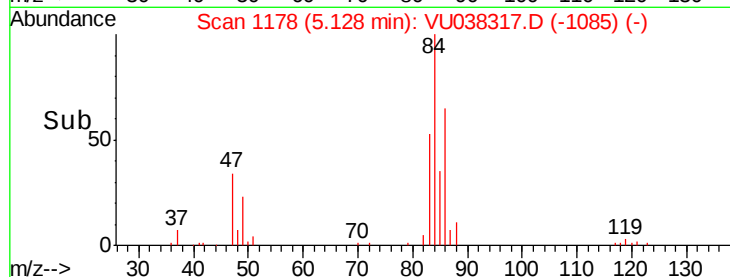
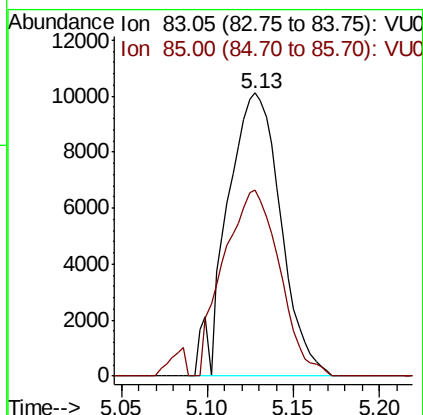
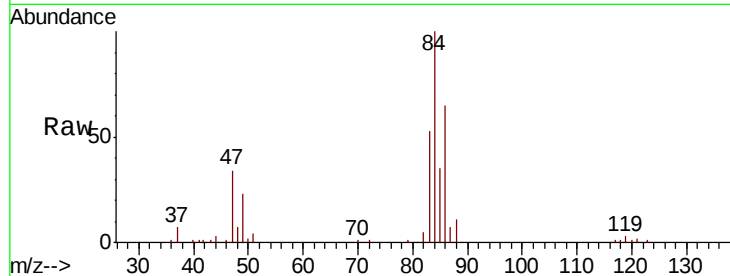




#25
Chloroform
Concen: 0.502 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU038317.D
Acq: 27 May 2020 13:50

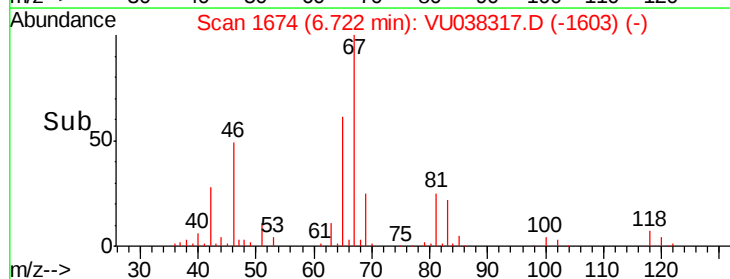
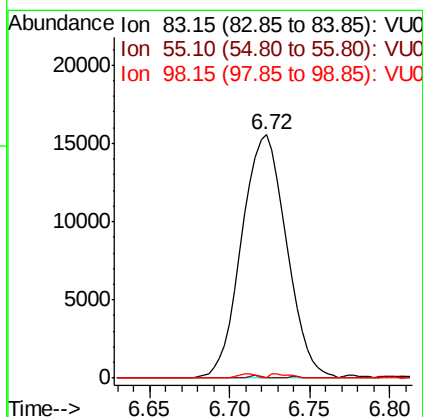
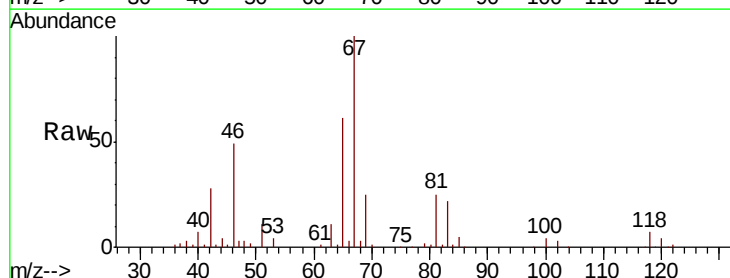
Instrument :
MSVOA_U
ClientSampleId :

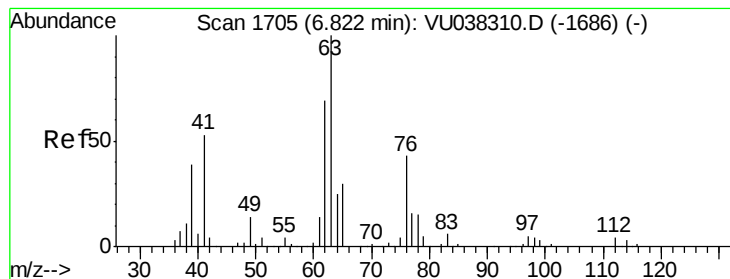
Tot Ion: 83 Resp: 21811
Ion Ratio Lower Upper
83 100
85 65.9 46.2 85.8



#35
Methylcyclohexane
Concen: 0.747 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038317.D
Acq: 27 May 2020 13:50

Tgt Ion: 83 Resp: 29779
Ion Ratio Lower Upper
83 100
55 0.2 66.7 100.1#
98 0.7 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.517 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038317.D

Acq: 27 May 2020 13:50

Instrument :

MSVOA_U

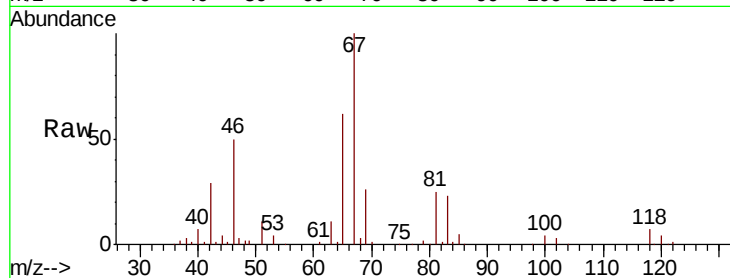
ClientSampled :

Tot Ion: 63 Resp: 13809

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU038317.D (-1673) (-)

Ion 112.10 (111.80 to 112.80): VU038317.D (-1673) (-)

6.72

8000

6000

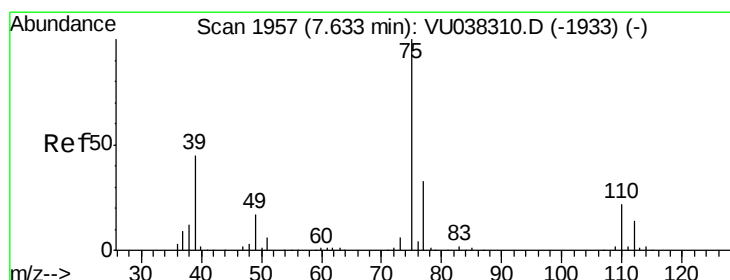
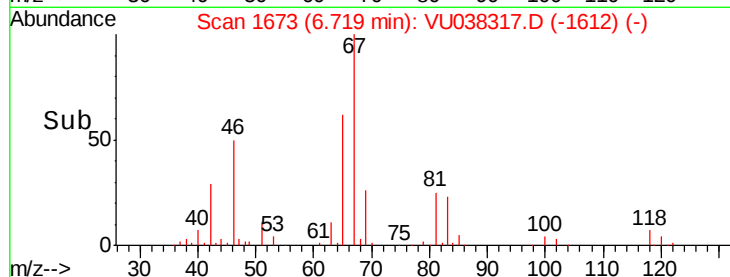
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038317.D

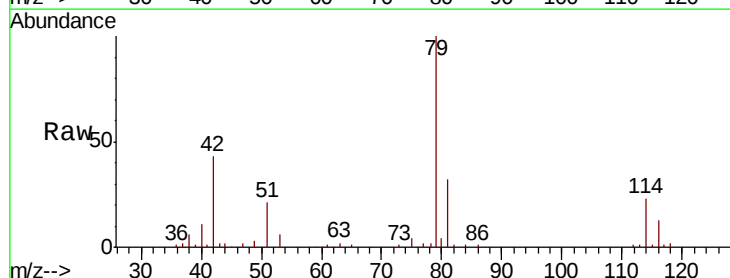
Acq: 27 May 2020 13:50

Tgt Ion: 75 Resp: 3505

Ion Ratio Lower Upper

75 100

77 44.8 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038317.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU038317.D (-1864) (-)

7.59

2000

1500

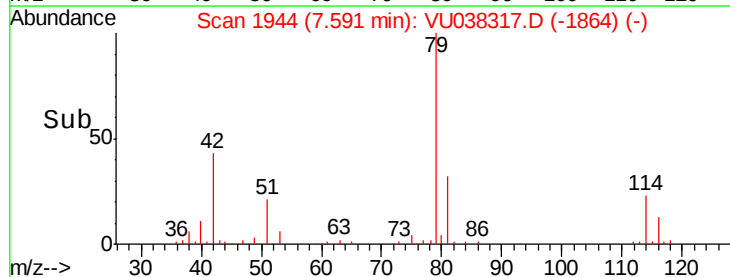
1000

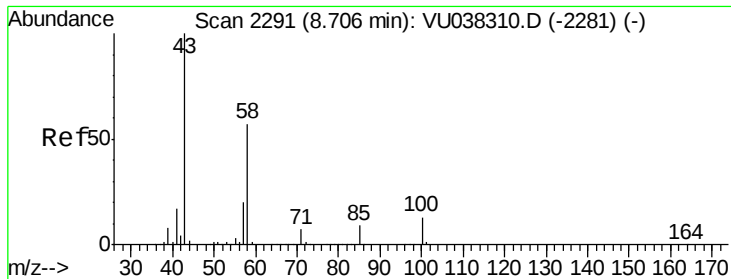
500

0

7.55 7.60 7.65

Time-->

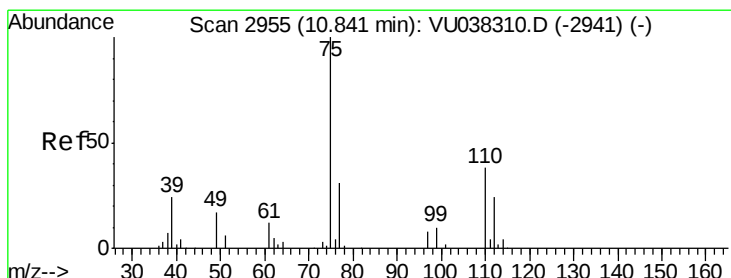
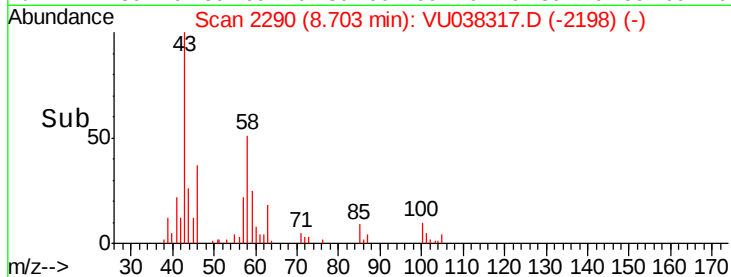
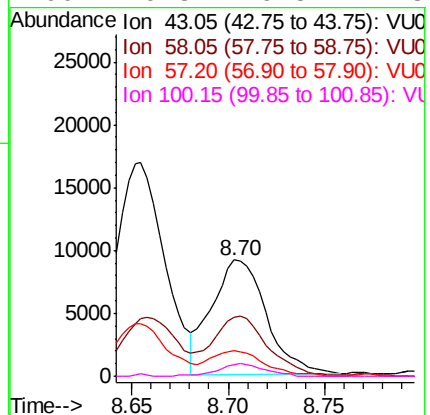
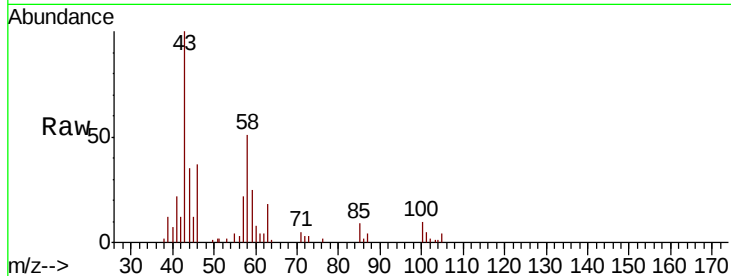




#48
 2-Hexanone
 Concen: 1.320 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: VU038317.D
 Acq: 27 May 2020 13:50

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 43 Resp: 17893
 Ion Ratio Lower Upper
 43 100
 58 51.5 45.2 67.8
 57 22.2 15.5 23.3
 100 9.3 9.5 14.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.110 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038317.D
 Acq: 27 May 2020 13:50

Tgt Ion: 75 Resp: 19895
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.4 38.0

