

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038040.D
 Acq On : 07 May 2020 15:47
 Operator : JC/MD
 Sample : L2526-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 01:54:02 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	329954	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	322393	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	148610	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104994	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.93	69	96090	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.59	63	137496	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	4.66	46	284817	38.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.50%
24) Chloroform-d	5.10	84	171084	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.80%
26) 1,2-Dichloroethane-d4	5.74	65	108935	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.76	84	412712	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.72	67	132422	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.92	98	369724	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.20	79	42900	3.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.60%
46) 2-Hexanone-d5	8.65	63	243137	41.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.44%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	99399	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	127192	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

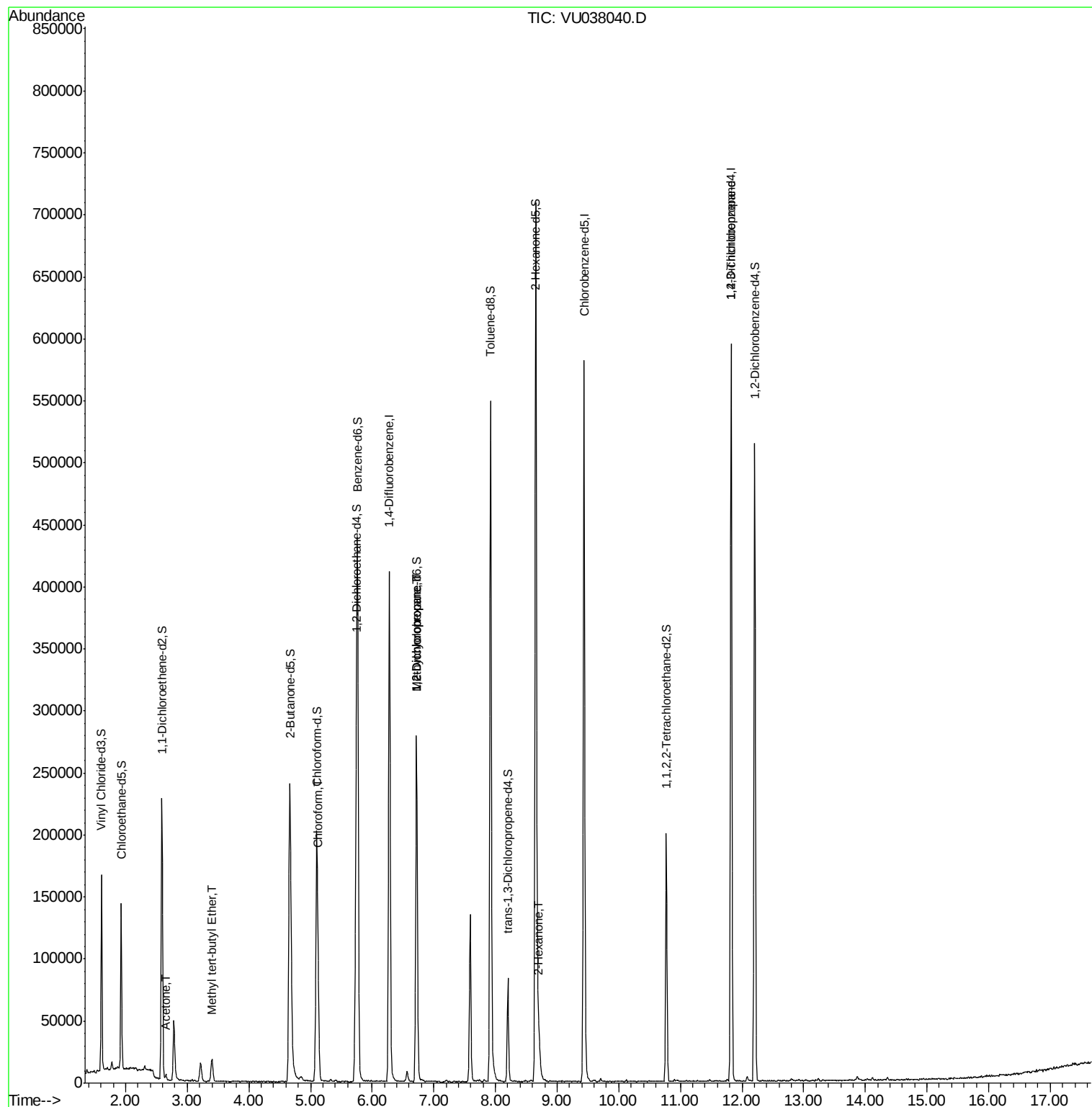
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	5111	1.094	ug/L	93
17) Methyl tert-butyl Ether	3.40	73	18738	0.295	ug/L	94
25) Chloroform	5.12	83	42552	0.934	ug/L	96
35) Methylcyclohexane	6.72	83	29301	0.701	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13946	0.497	ug/L #	88
48) 2-Hexanone	8.71	43	25644	1.802	ug/L #	92
59) 1,2,3-Trichloropropane	11.82	75	19930	1.059	ug/L	90

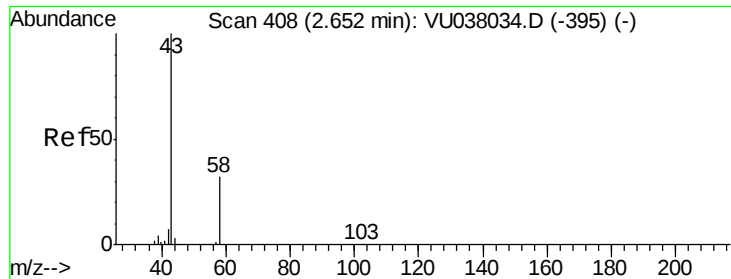
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.094 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU038040.D

Acq: 07 May 2020 15:47

Instrument :

MSVOA_U

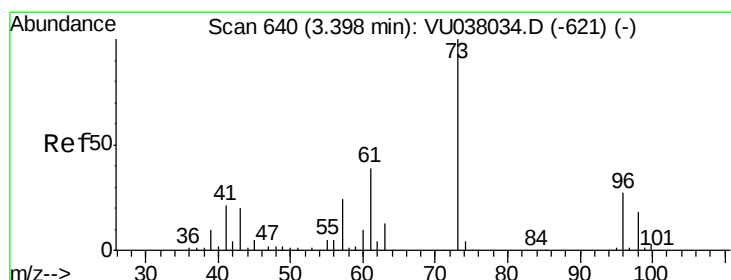
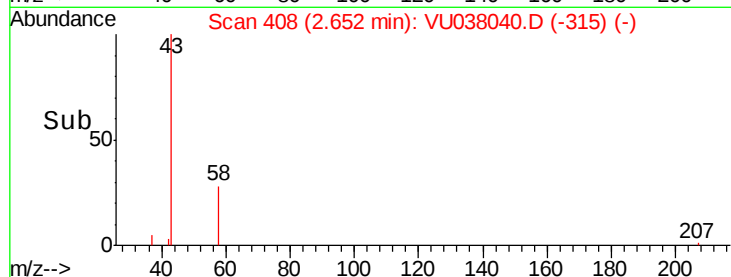
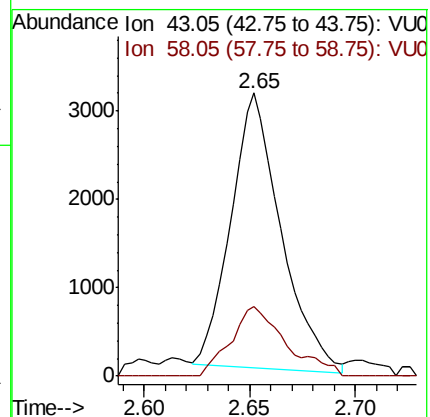
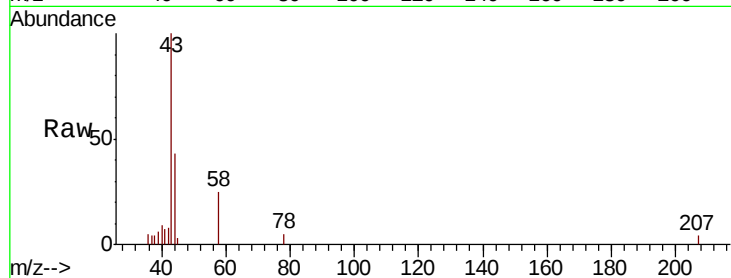
ClientSampleId :

Tot Ion: 43 Resp: 5111

Ion Ratio Lower Upper

43 100

58 28.0 0.0 63.6



#17

Methyl tert-butyl Ether

Concen: 0.295 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038040.D

Acq: 07 May 2020 15:47

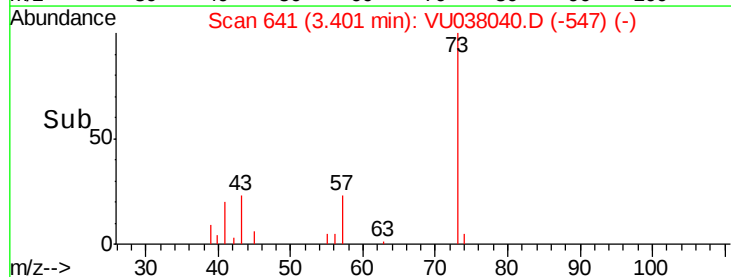
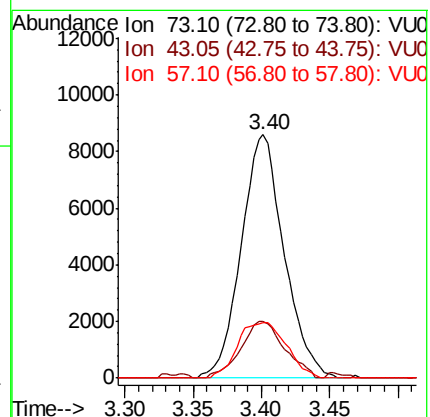
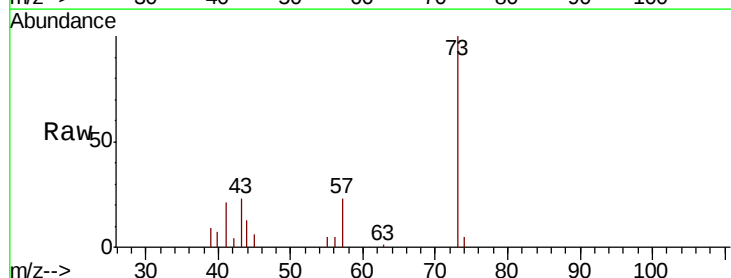
Tgt Ion: 73 Resp: 18738

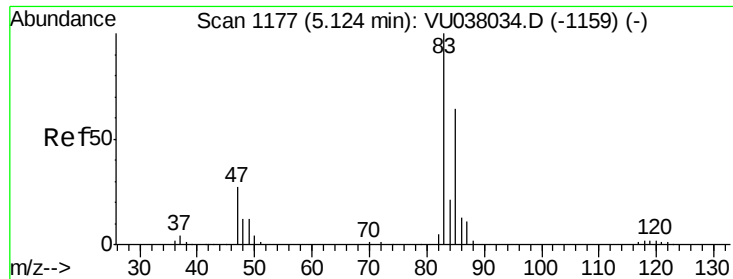
Ion Ratio Lower Upper

73 100

43 23.8 16.9 25.3

57 25.9 18.2 27.2

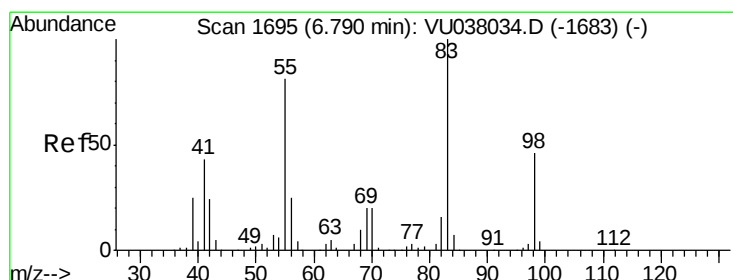
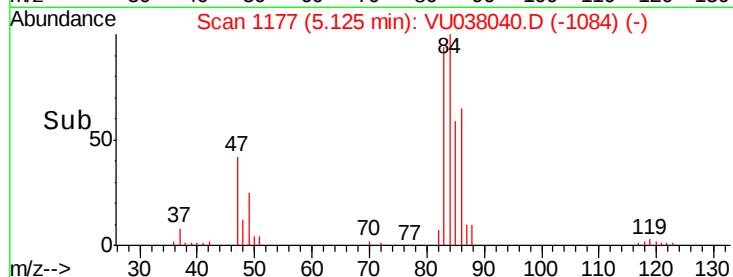
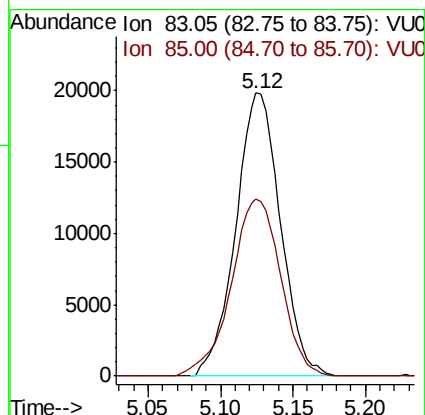
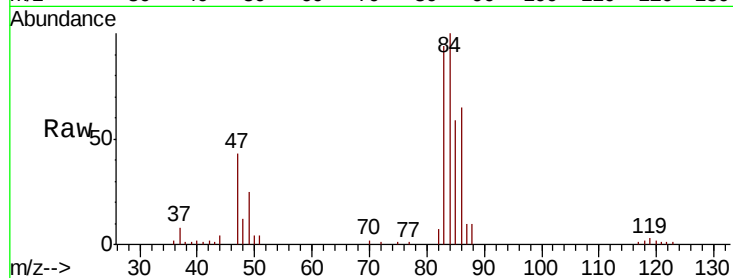




#25
Chloroform
Concen: 0.934 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU038040.D
Acq: 07 May 2020 15:47

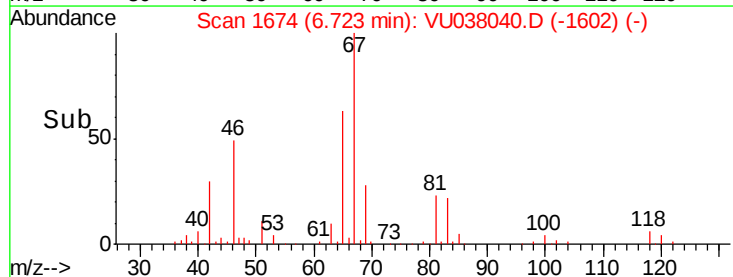
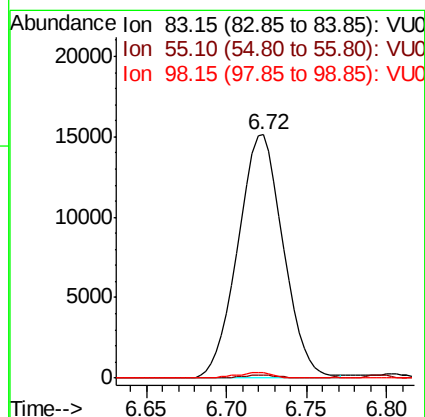
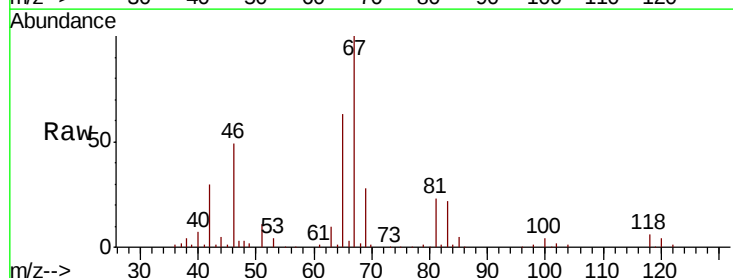
Instrument :
MSVOA_U
ClientSampled :

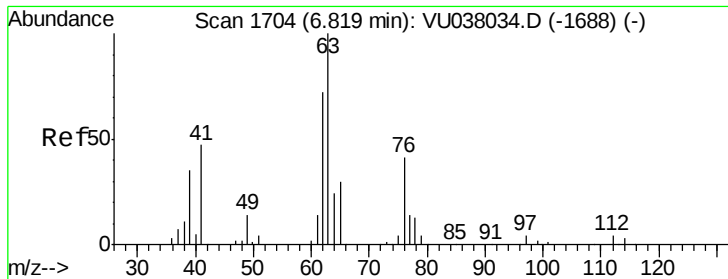
Tot Ion: 83 Resp: 42552
Ion Ratio Lower Upper
83 100
85 62.6 46.2 85.8



#35
Methylcyclohexane
Concen: 0.701 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038040.D
Acq: 07 May 2020 15:47

Tgt Ion: 83 Resp: 29301
Ion Ratio Lower Upper
83 100
55 1.0 66.7 100.1#
98 1.7 39.4 59.2#

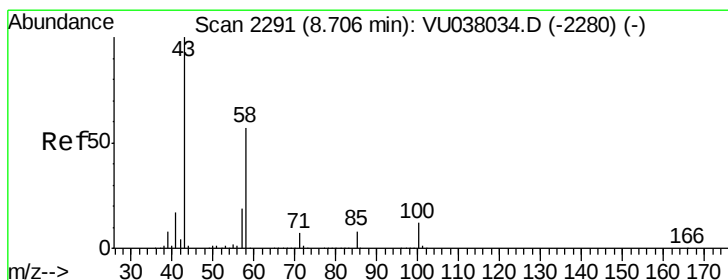
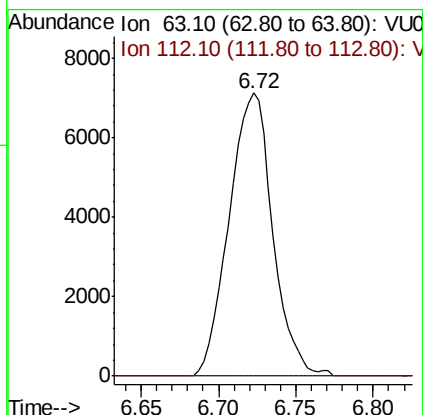
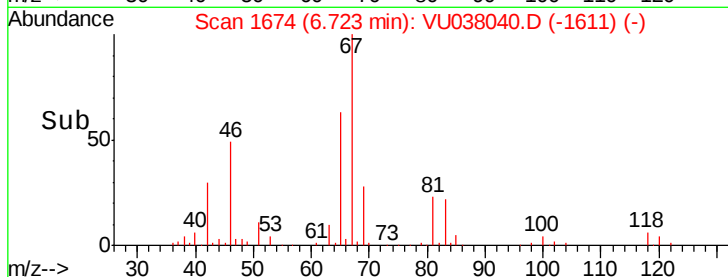
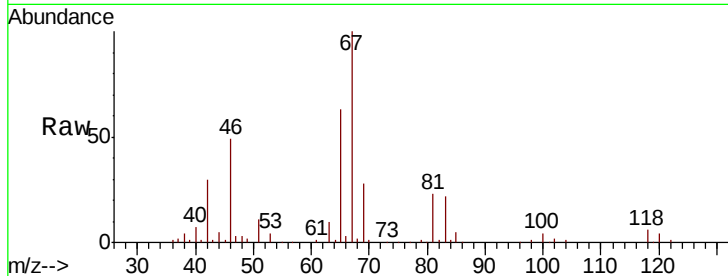




#37
 1,2-Dichloropropane
 Concen: 0.497 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038040.D
 Acq: 07 May 2020 15:47

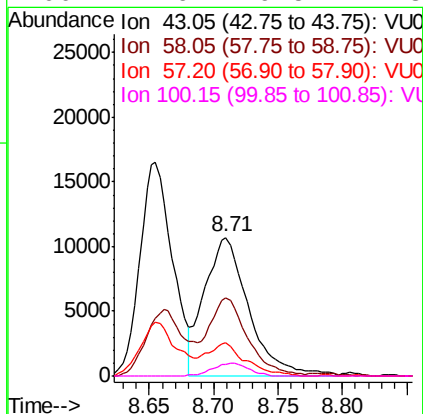
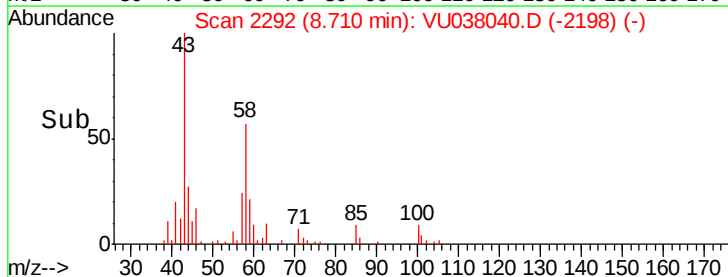
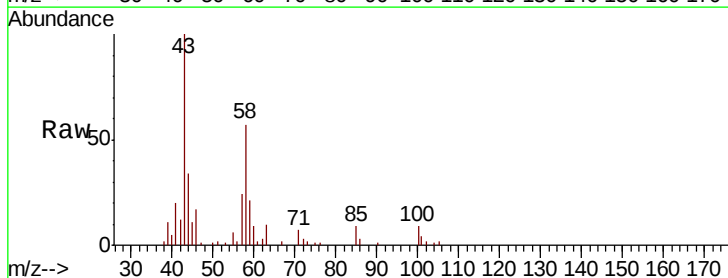
Instrument :
 MSVOA_U
 ClientSampled :

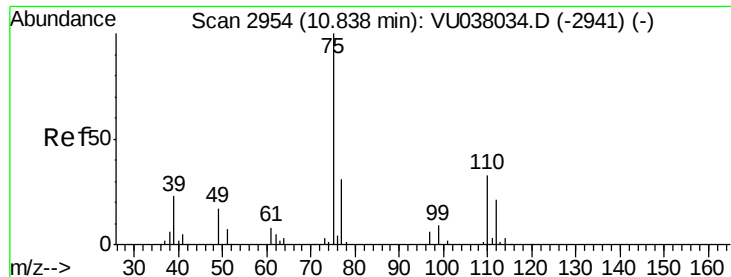
Tot Ion: 63 Resp: 13946
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#48
 2-Hexanone
 Concen: 1.802 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU038040.D
 Acq: 07 May 2020 15:47

Tgt Ion: 43 Resp: 25644
 Ion Ratio Lower Upper
 43 100
 58 49.2 45.2 67.8
 57 20.6 15.5 23.3
 100 7.6 9.5 14.3#





#59

1,2,3-Trichloropropane

Concen: 1.059 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038040.D

Acq: 07 May 2020 15:47

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 19930

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.0

