

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038073.D
 Acq On : 08 May 2020 05:22
 Operator : JC/MD
 Sample : L2528-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 06:18:33 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	363485	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	358444	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	164800	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	141370	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.93	69	120265	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.59	63	173559	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.66	46	339305	41.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.72%
24) Chloroform-d	5.10	84	197724	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.74	65	126443	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.76	84	479607	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.72	67	154546	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.92	98	427141	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.20	79	53037	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.65	63	267371	40.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.54%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	117526	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	147723	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

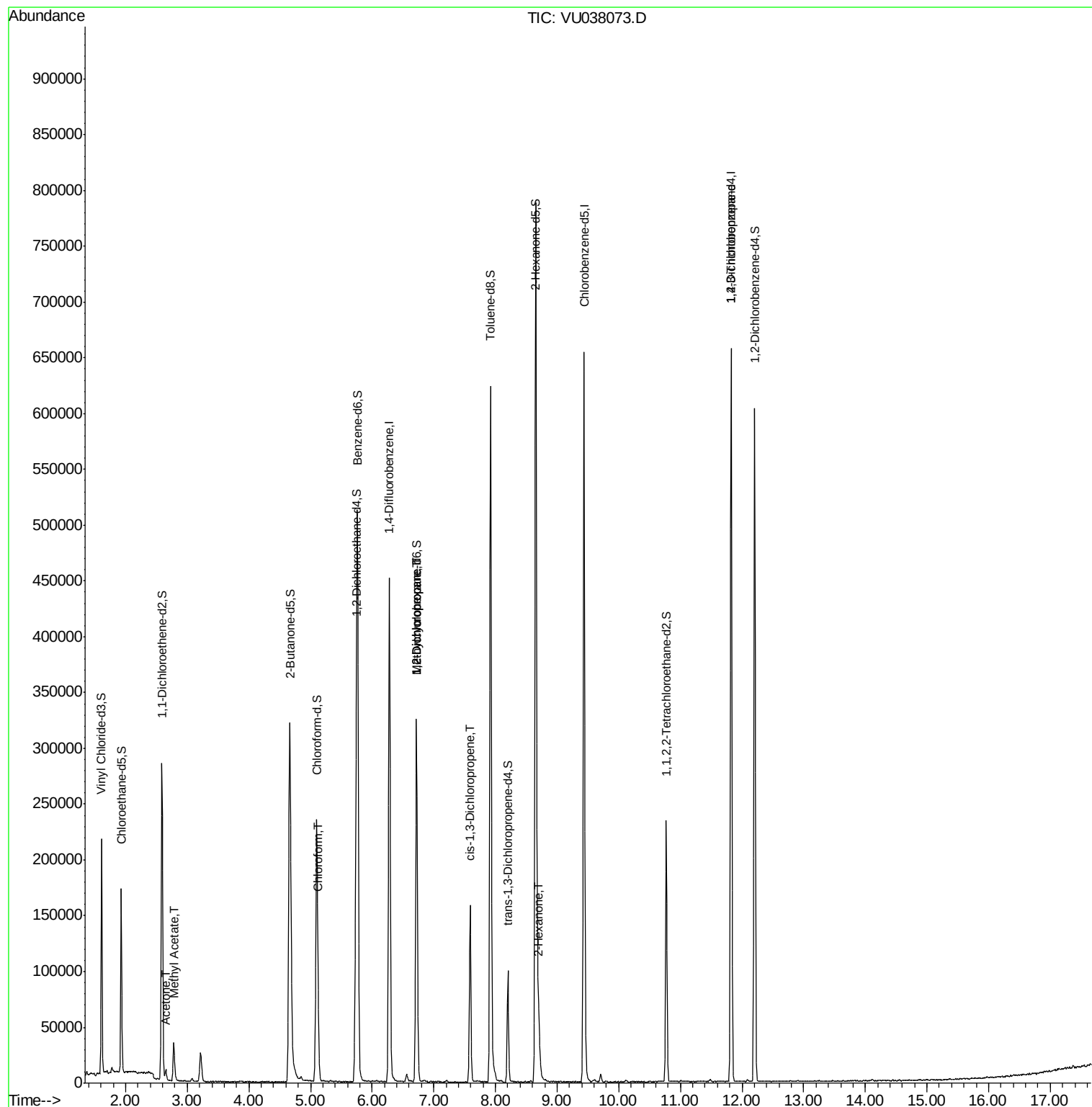
					Ovalue
13) Acetone	2.65	43	10568	2.053	ug/L 99
15) Methyl Acetate	2.78	43	9122	0.634	ug/L # 53
25) Chloroform	5.13	83	20778	0.414	ug/L 99
35) Methylcyclohexane	6.72	83	34478	0.741	ug/L # 16
37) 1,2-Dichloropropane	6.72	63	16559	0.531	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	3550	0.080	ug/L # 76
48) 2-Hexanone	8.71	43	32745	2.069	ug/L # 95
59) 1,2,3-Trichloropropane	11.82	75	22356	1.068	ug/L 93

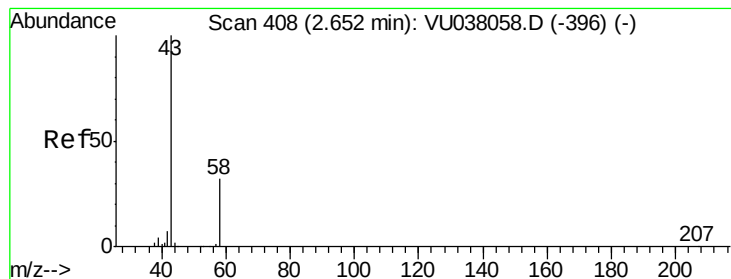
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.053 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU038073.D

Acq: 08 May 2020 05:22

Instrument :

MSVOA_U

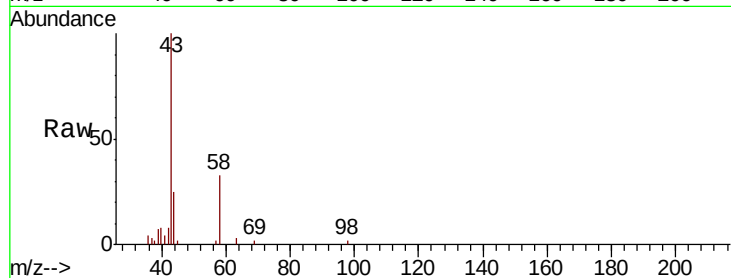
ClientSampleId :

Tot Ion: 43 Resp: 10568

Ion Ratio Lower Upper

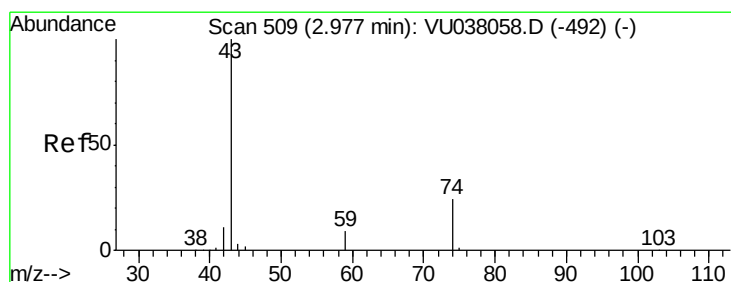
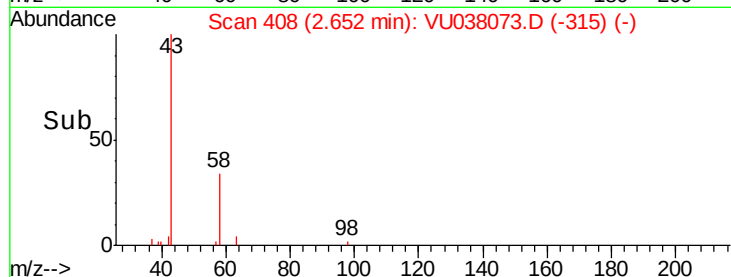
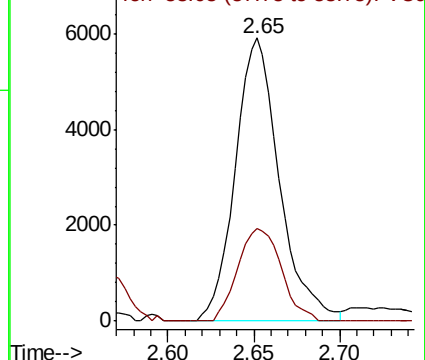
43 100

58 32.2 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038073.D (-416) (-)

Ion 58.05 (57.75 to 58.75): VU038073.D (-416) (-)



#15

Methyl Acetate

Concen: 0.634 ug/L

RT: 2.78 min Scan# 448

Delta R.T. -0.20 min

Lab File: VU038073.D

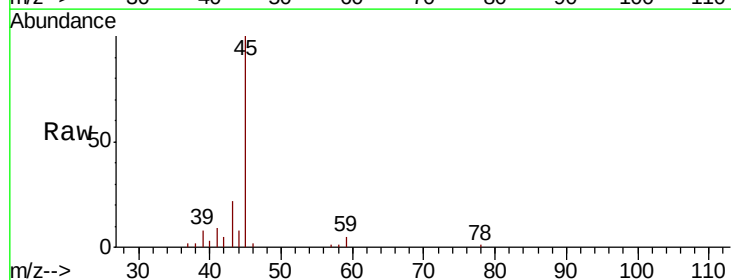
Acq: 08 May 2020 05:22

Tgt Ion: 43 Resp: 9122

Ion Ratio Lower Upper

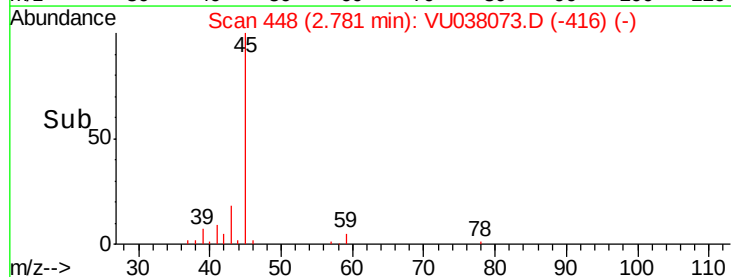
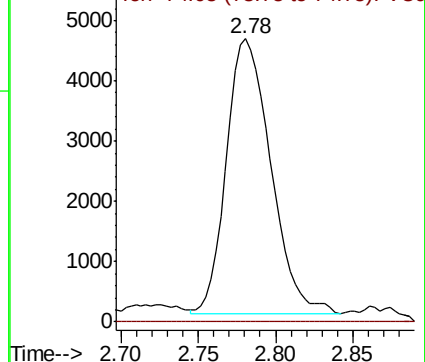
43 100

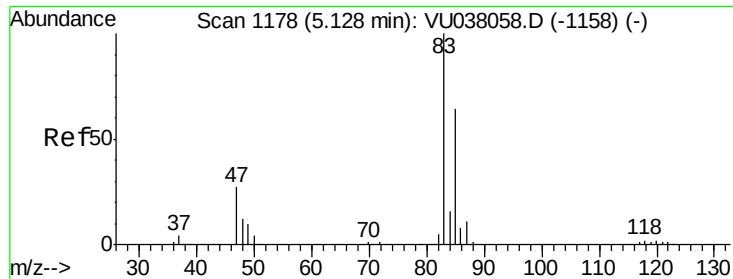
74 0.0 18.0 27.0#



Abundance Ion 43.05 (42.75 to 43.75): VU038073.D (-416) (-)

Ion 74.05 (73.75 to 74.75): VU038073.D (-416) (-)

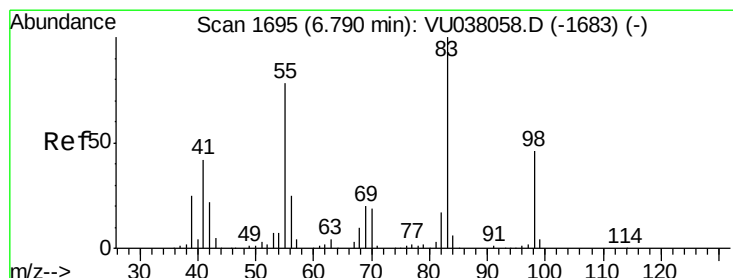
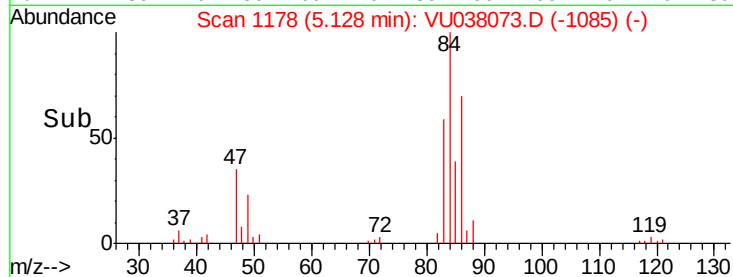
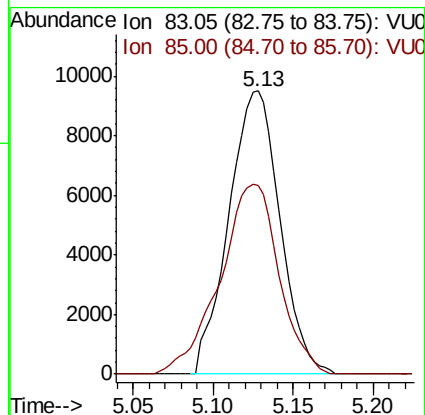
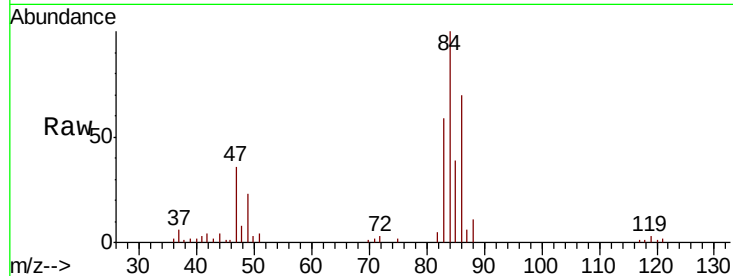




#25
Chloroform
Concen: 0.414 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038073.D
Acq: 08 May 2020 05:22

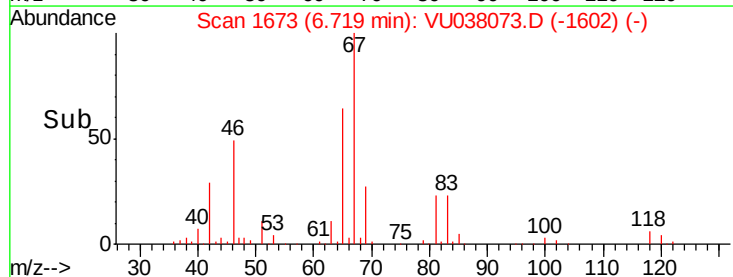
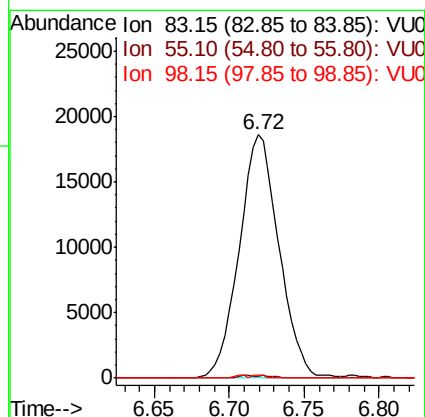
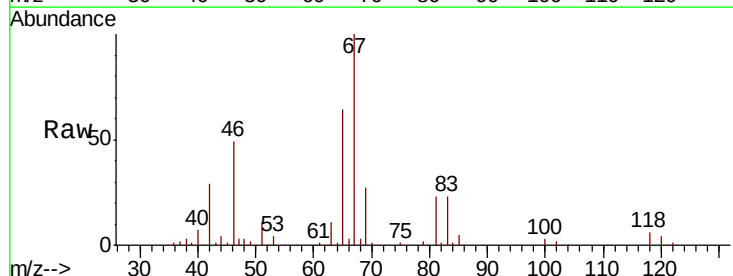
Instrument :
MSVOA_U
ClientSampleId :

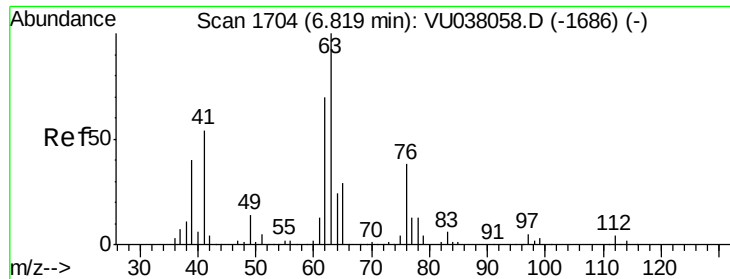
Tot Ion: 83 Resp: 20778
Ion Ratio Lower Upper
83 100
85 66.6 46.2 85.8



#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038073.D
Acq: 08 May 2020 05:22

Tgt Ion: 83 Resp: 34478
Ion Ratio Lower Upper
83 100
55 0.5 66.7 100.1#
98 0.4 39.4 59.2#

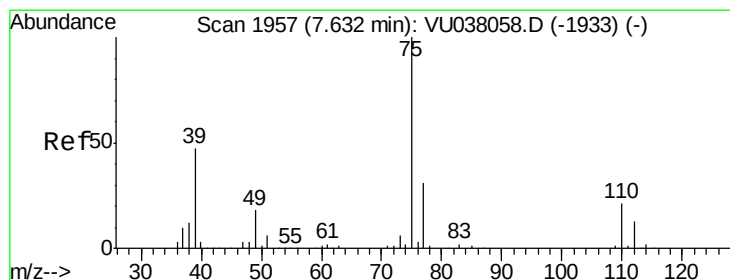
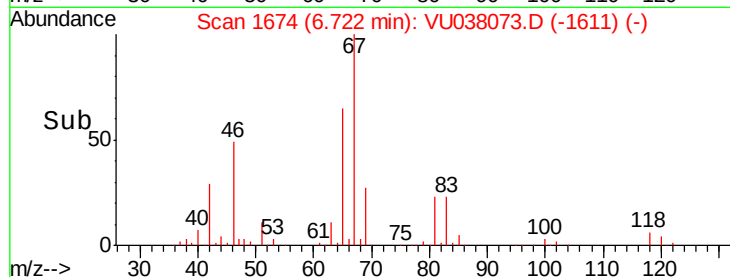
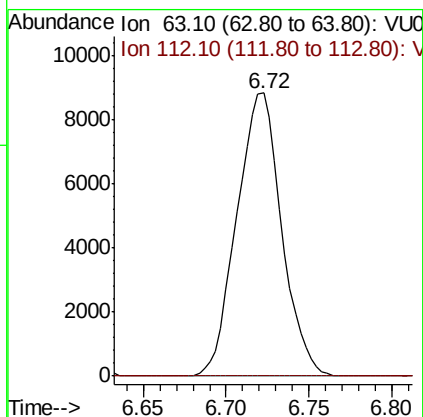
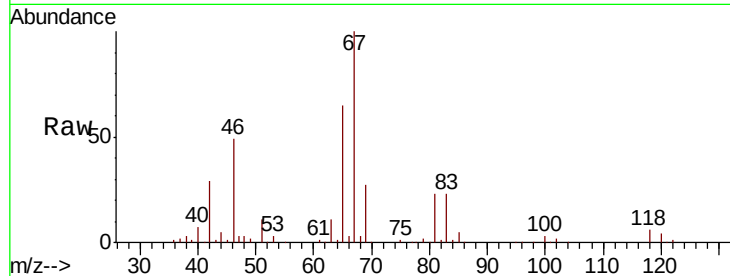




#37
 1,2-Dichloropropane
 Concen: 0.531 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038073.D
 Acq: 08 May 2020 05:22

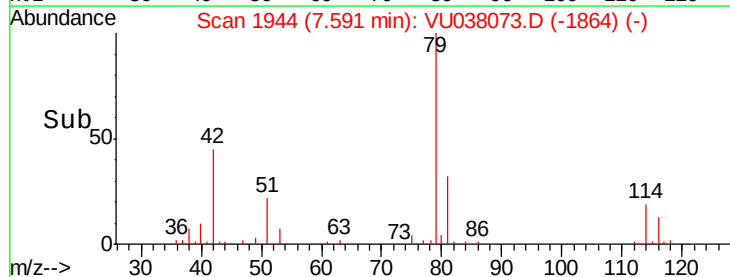
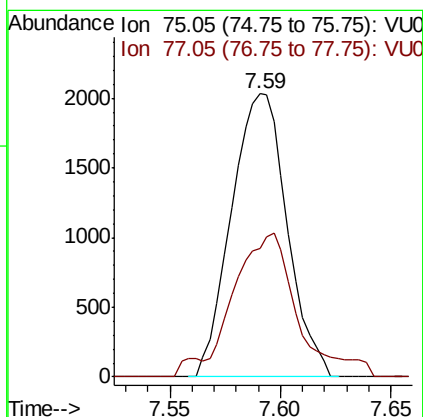
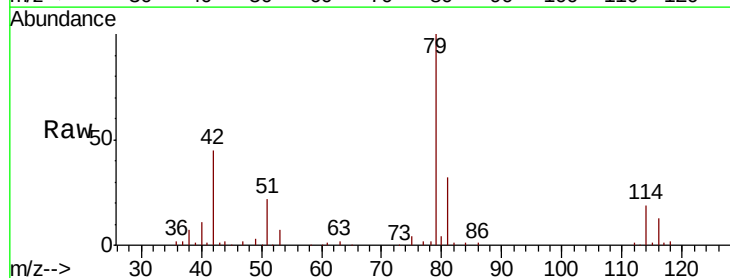
Instrument :
 MSVOA_U
 ClientSampleId :

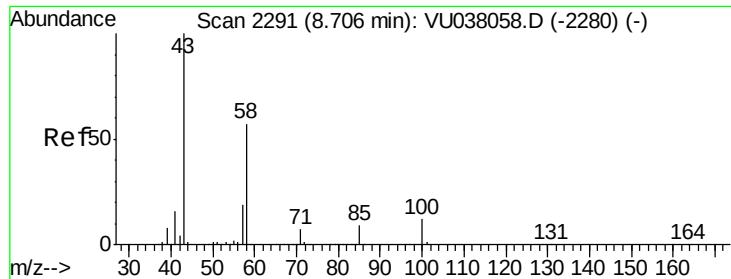
Tot Ion: 63 Resp: 16559
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038073.D
 Acq: 08 May 2020 05:22

Tgt Ion: 75 Resp: 3550
 Ion Ratio Lower Upper
 75 100
 77 45.6 22.4 41.6#

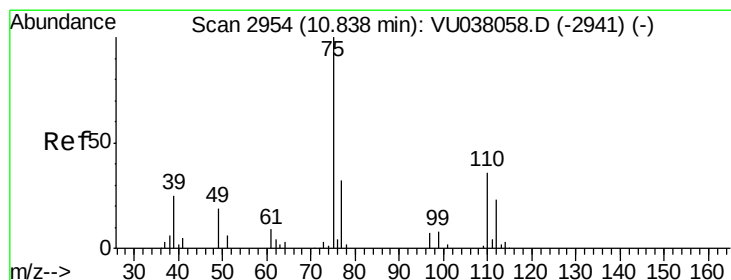
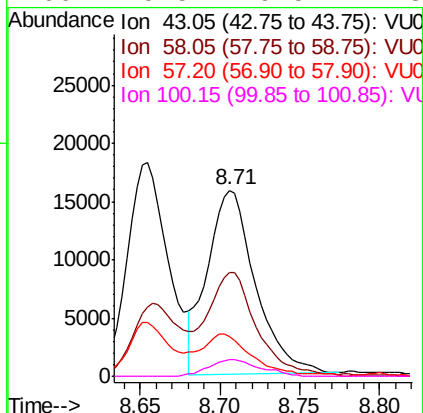
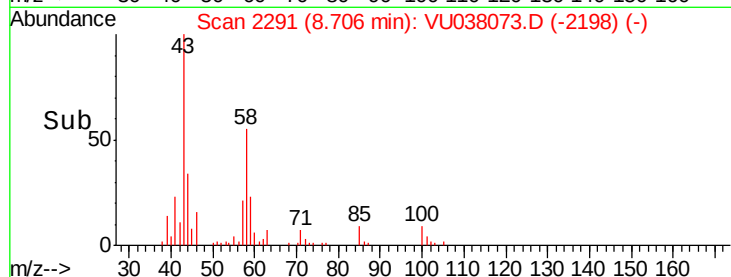
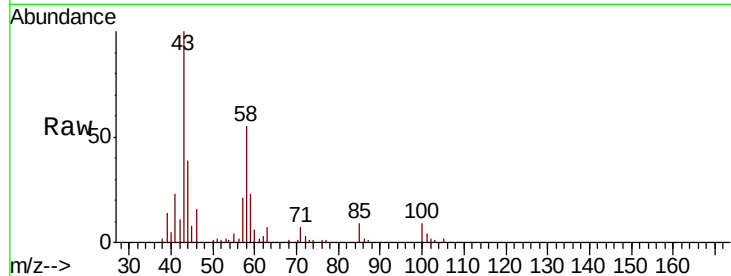




#48
2-Hexanone
Concen: 2.069 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038073.D
Acq: 08 May 2020 05:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 32745
Ion Ratio Lower Upper
43 100
58 54.7 45.2 67.8
57 23.9 15.5 23.3#
100 9.5 9.5 14.3#



#59
1,2,3-Trichloropropane
Concen: 1.068 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038073.D
Acq: 08 May 2020 05:22

Tgt Ion: 75 Resp: 22356
Ion Ratio Lower Upper
75 100
77 35.6 25.4 38.0

