

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053020\
 Data File : VU038395.D
 Acq On : 29 May 2020 22:43
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 30 00:07:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:03:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	305248	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	296004	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115106	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.93	69	88384	3.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.20%
11) 1,1-Dichloroethene-d2	2.59	63	163494	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.67	46	355730	51.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.28%
24) Chloroform-d	5.10	84	205530	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	120247	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.76	84	430383	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.72	67	131303	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.92	98	367137	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.20	79	52735	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.65	63	298839	55.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108331	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	141575	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

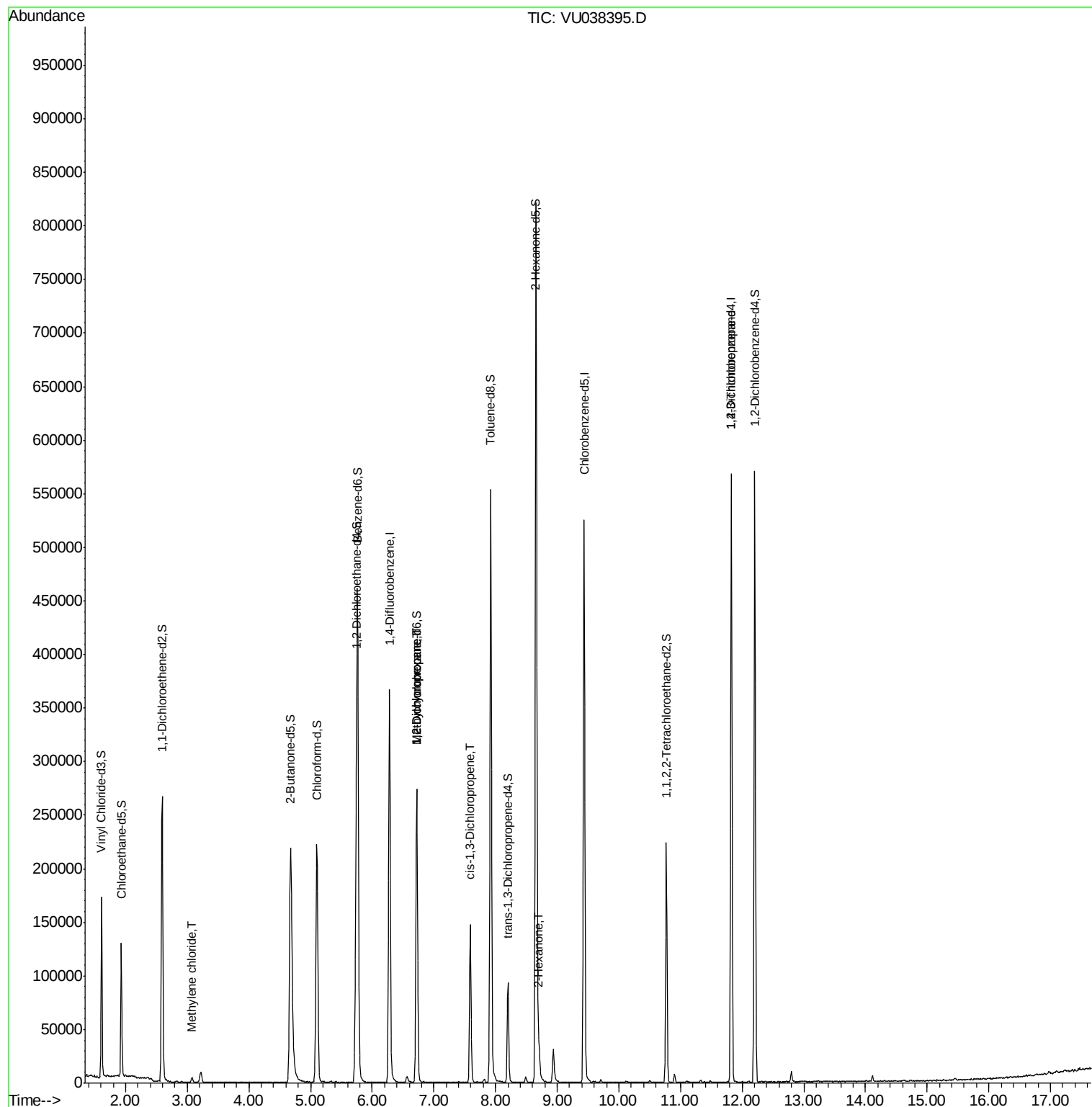
					Ovalue
16) Methylene chloride	3.08	84	2322	0.094 ug/L	80
35) Methylcyclohexane	6.72	83	30930	0.805 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	13868	0.539 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3377	0.092 ug/L #	54
48) 2-Hexanone	8.71	43	13337	1.021 ug/L	96
59) 1,2,3-Trichloropropane	11.83	75	19083	1.104 ug/L	92

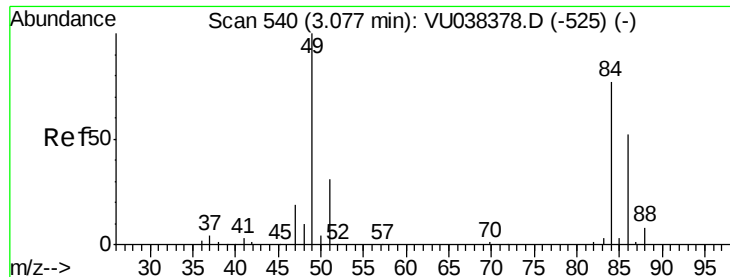
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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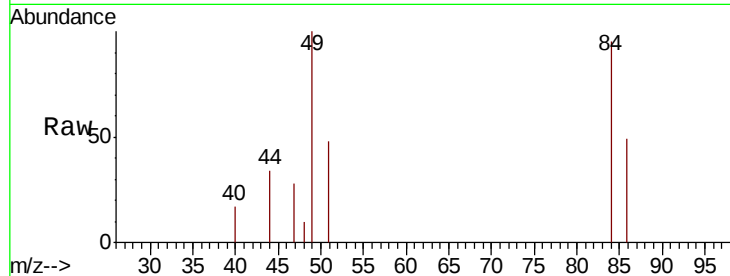




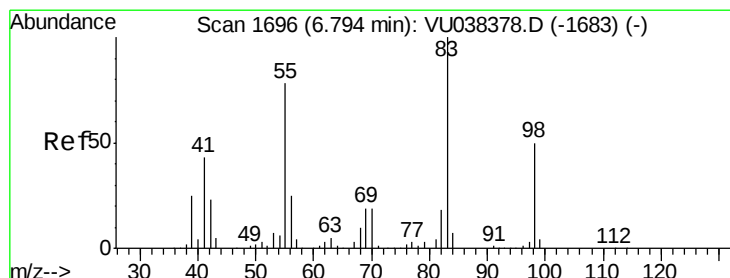
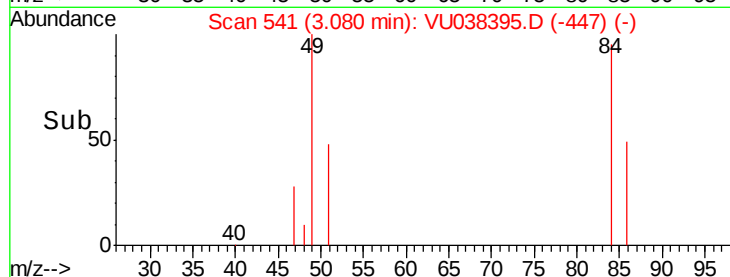
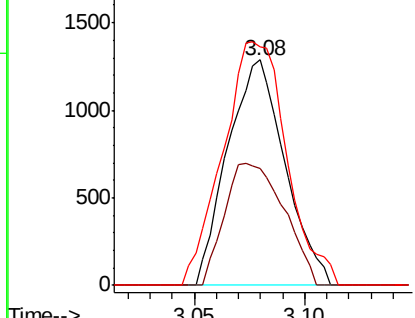
#16
Methvlene chloride
Concen: 0.094 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038395.D
Acq: 29 May 2020 22:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 2322
Ion Ratio Lower Upper
84 100
86 52.0 44.9 83.3
49 105.7 92.0 170.9

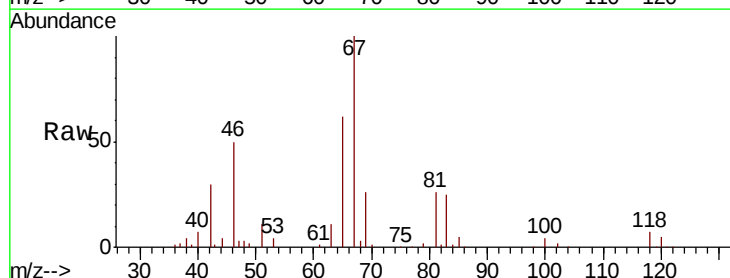


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

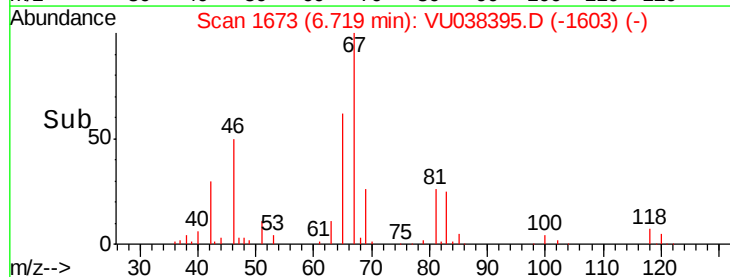
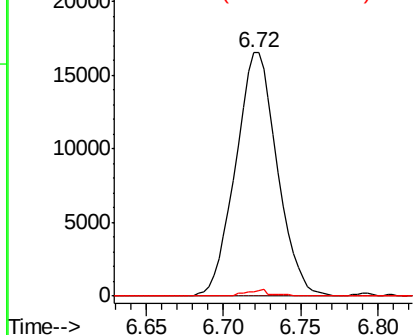


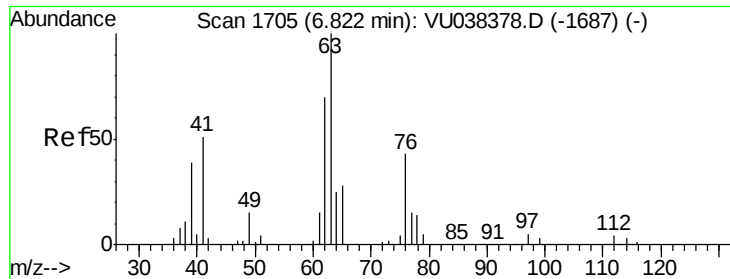
#35
Methylcyclohexane
Concen: 0.805 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038395.D
Acq: 29 May 2020 22:43

Tgt Ion: 83 Resp: 30930
Ion Ratio Lower Upper
83 100
55 0.0 66.7 100.1#
98 1.3 39.4 59.2#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

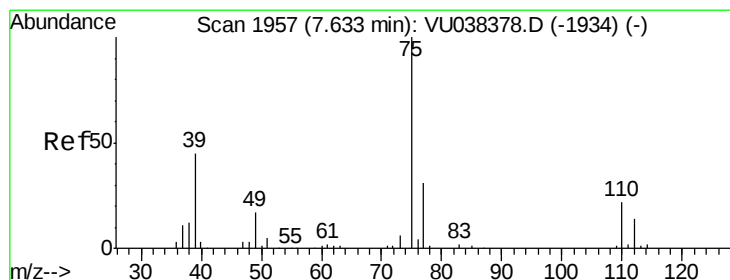
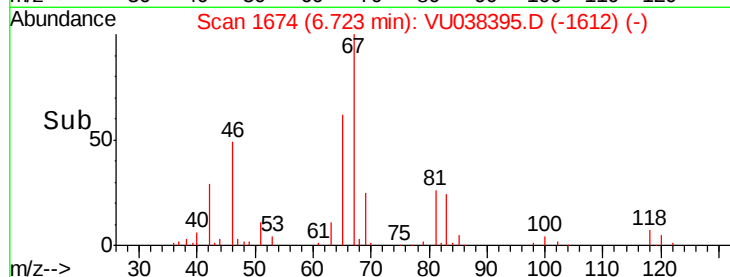
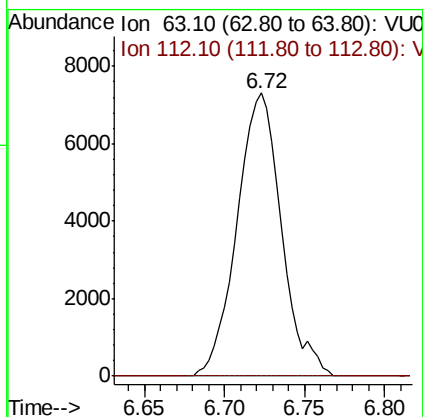
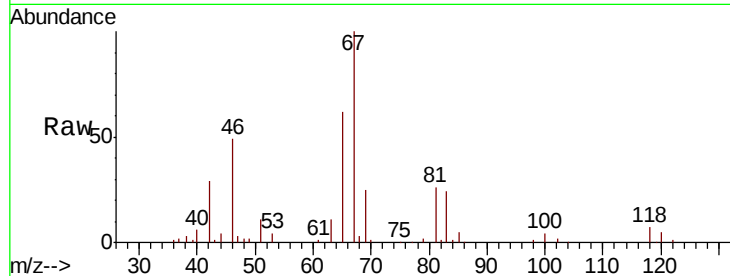




#37
 1,2-Dichloropropane
 Concen: 0.539 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038395.D
 Acq: 29 May 2020 22:43

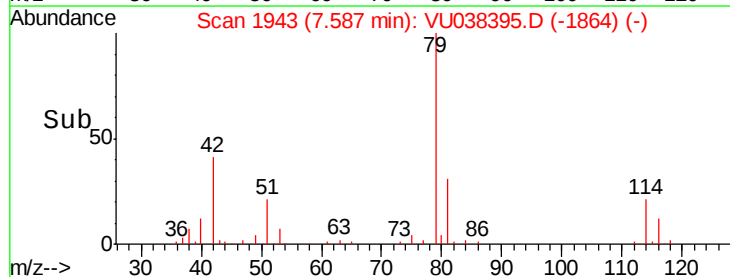
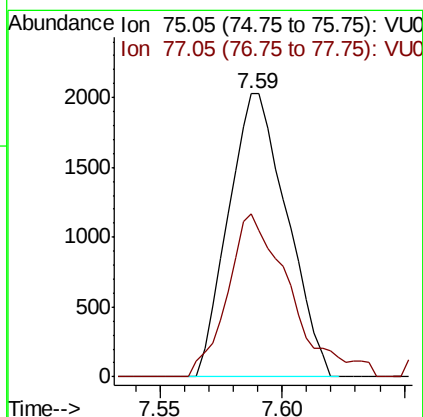
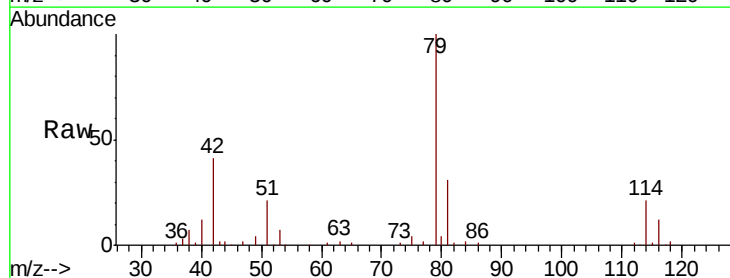
Instrument :
 MSVOA_U
 ClientSampleId :

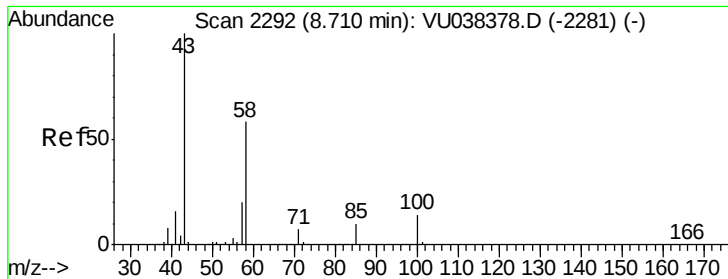
Tot Ion: 63 Resp: 13868
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038395.D
 Acq: 29 May 2020 22:43

Tgt Ion: 75 Resp: 3377
 Ion Ratio Lower Upper
 75 100
 77 57.8 22.4 41.6#

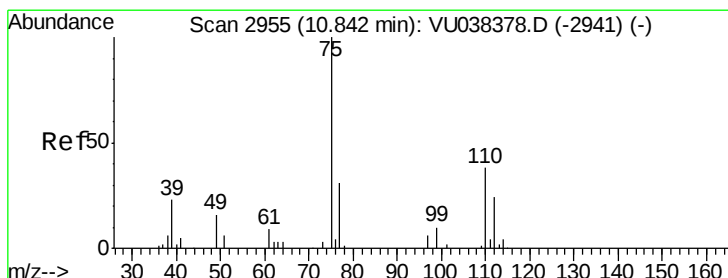
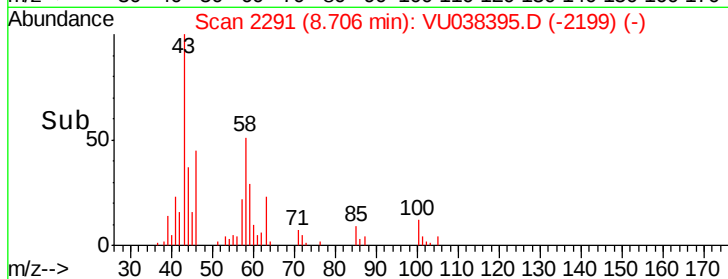
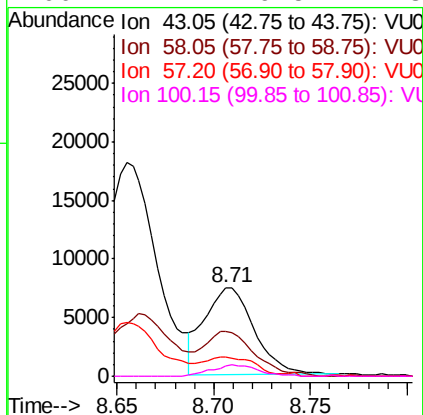
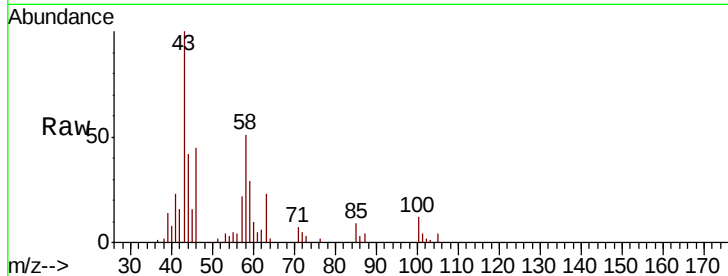




#48
2-Hexanone
Concen: 1.021 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038395.D
Acq: 29 May 2020 22:43

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	43	Resp:	13337
Ion	Ratio	Lower	Upper
43	100		
58	54.2	45.2	67.8
57	23.0	15.5	23.3
100	12.4	9.5	14.3



#59
1,2,3-Trichloropropane
Concen: 1.104 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038395.D
Acq: 29 May 2020 22:43

Tgt Ion:	75	Resp:	19083
Ion	Ratio	Lower	Upper
75	100		
77	36.4	25.4	38.0

