

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060220\
 Data File : VU038497.D
 Acq On : 02 Jun 2020 16:41
 Operator : JC/MD
 Sample : L2844-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 03 00:51:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 03 00:48:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	286224	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	281721	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	130732	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63892	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.93	69	62999	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.59	63	107795	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.69	46	342845	60.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.84%
24) Chloroform-d	5.10	84	171678	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.74	65	105166	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.76	84	331867	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.72	67	106749	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.92	98	274036	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.20	79	42124	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.66	63	288598	62.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101159	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	120203	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

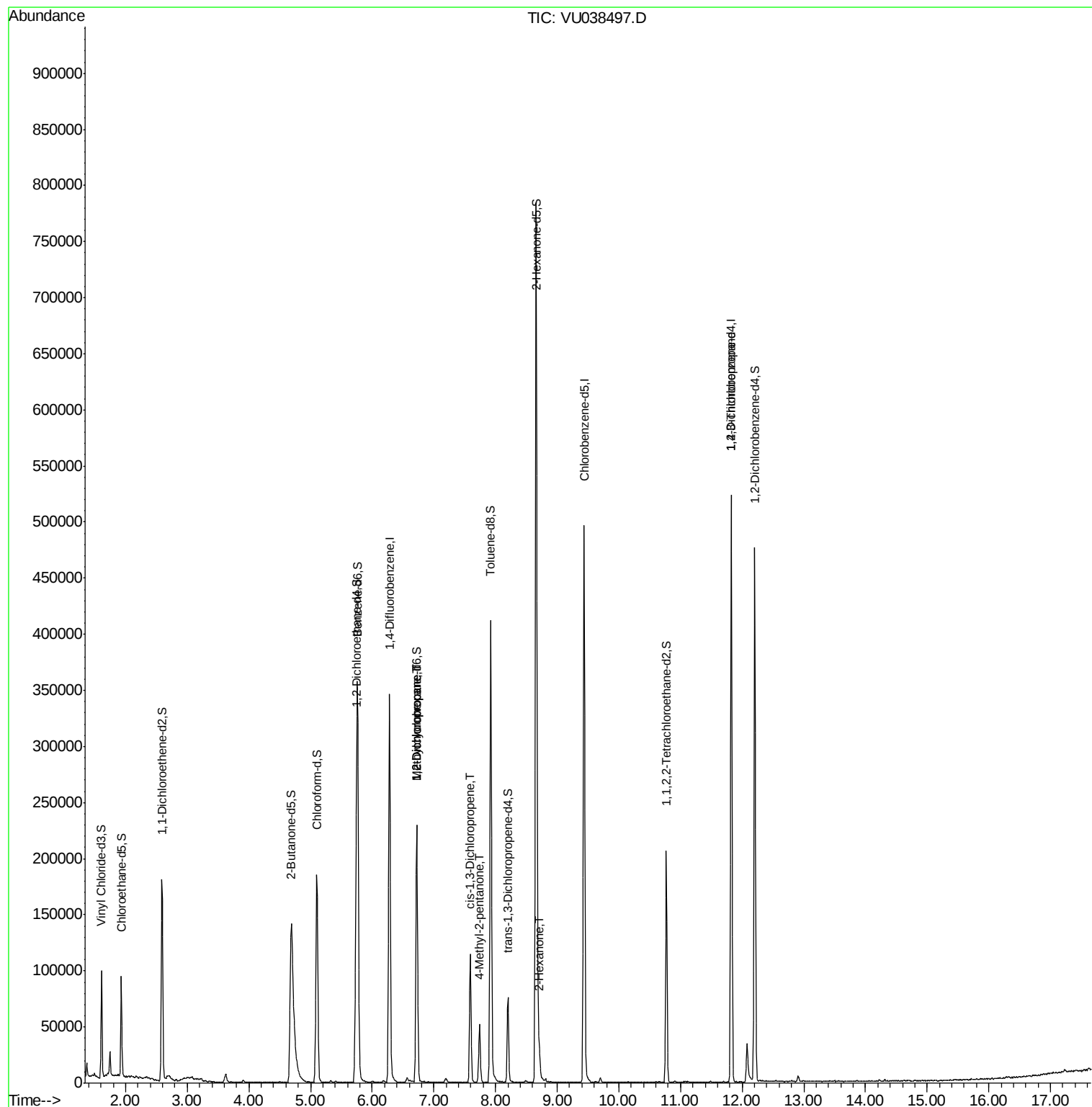
					Ovalue
35) Methylcyclohexane	6.72	83	25387	0.804 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	11730	0.593 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2933	0.100 ug/L #	49
40) 4-Methyl-2-pentanone	7.74	43	23002	1.627 ug/L #	44
48) 2-Hexanone	8.71	43	12579	1.175 ug/L	95
59) 1,2,3-Trichloropropane	11.83	75	16963	1.150 ug/L	92

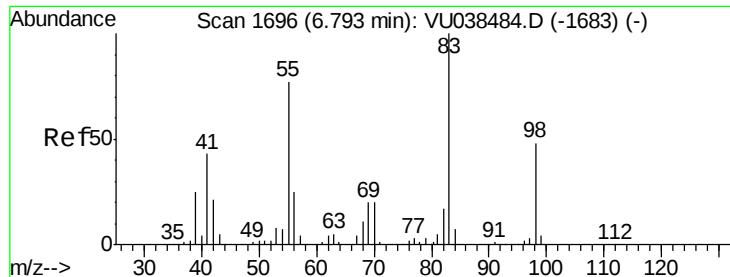
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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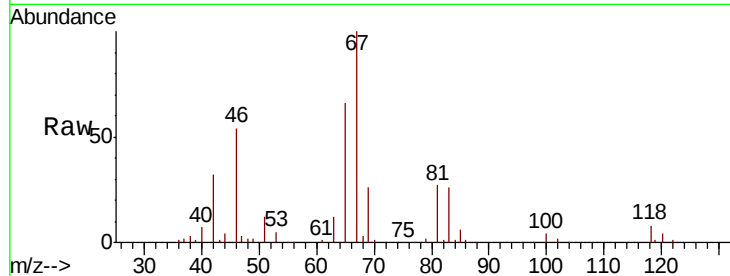




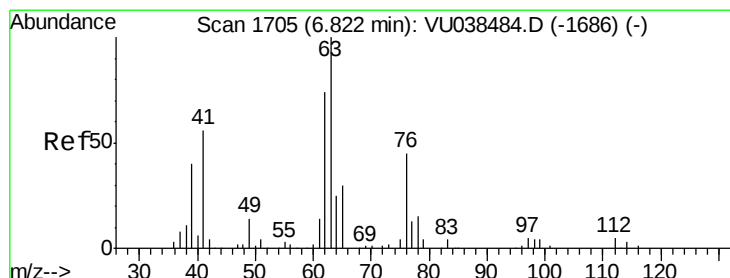
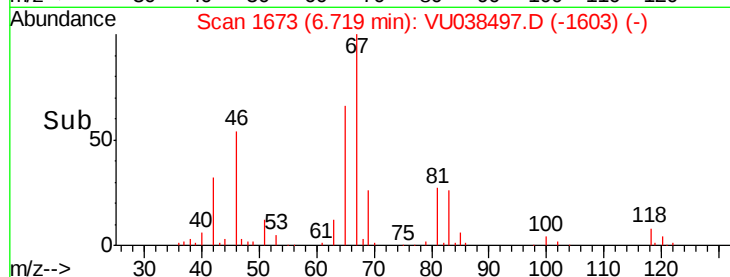
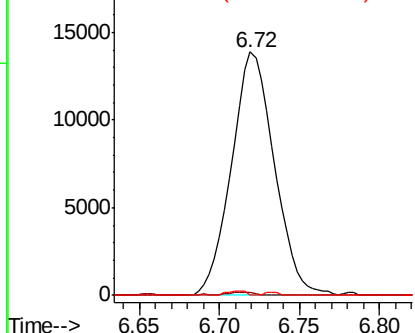
#35
Methvlcvclohexane
Concen: 0.804 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038497.D
Acq: 02 Jun 2020 16:41

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.8	63.4	95.2#
98	0.7	39.0	58.4#

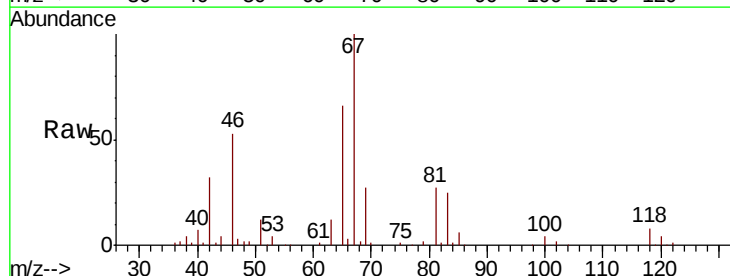


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

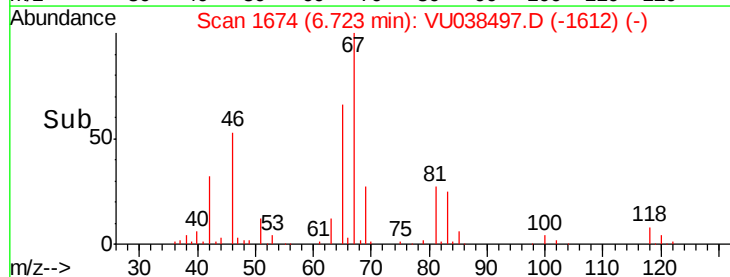
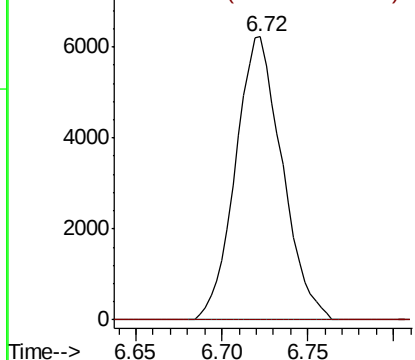


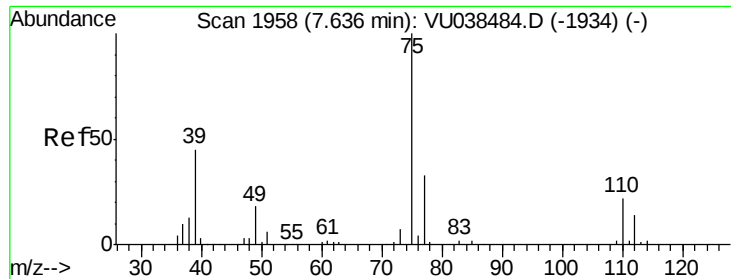
#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038497.D
Acq: 02 Jun 2020 16:41

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

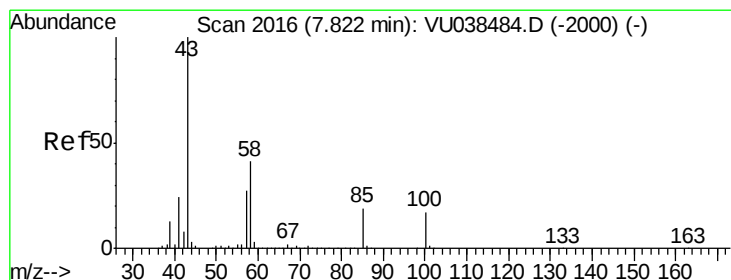
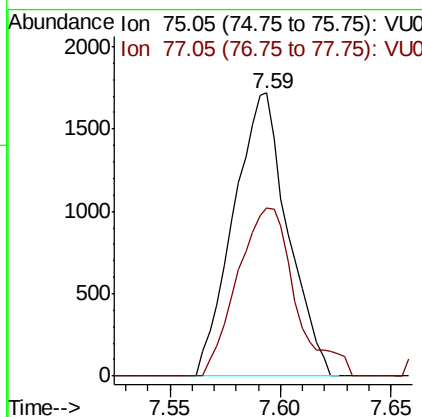
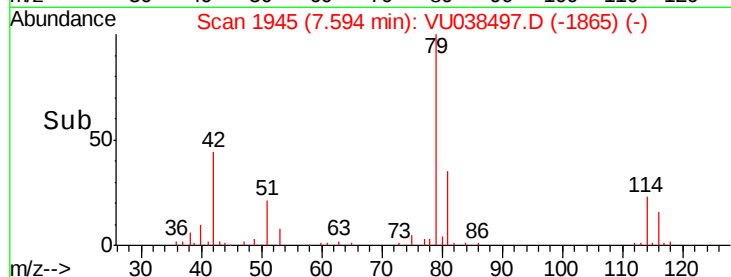
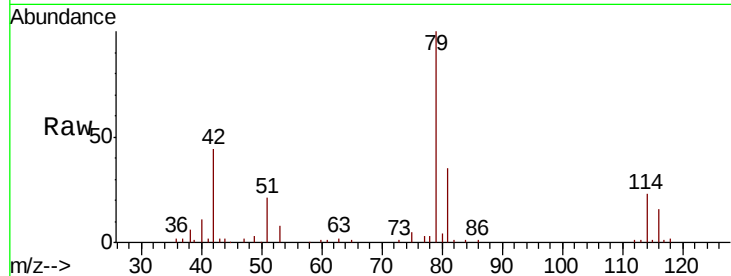




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038497.D
 Acq: 02 Jun 2020 16:41

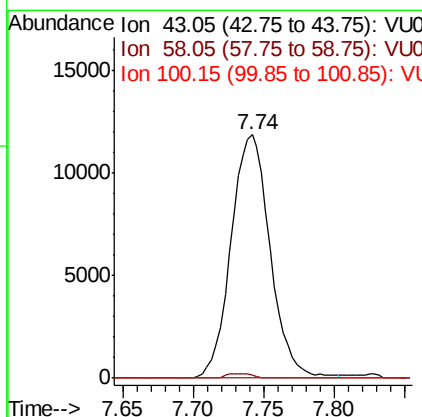
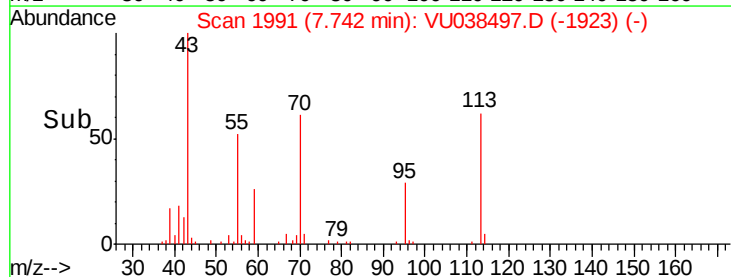
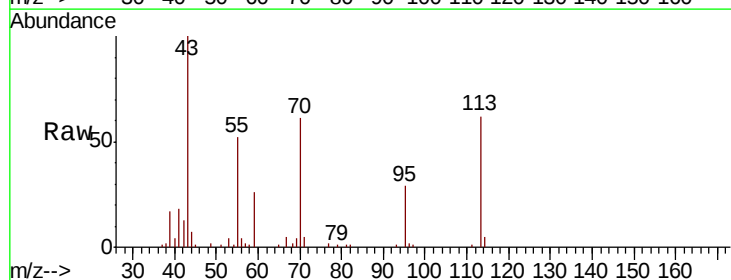
Instrument :
 MSVOA_U
 ClientSampleId :

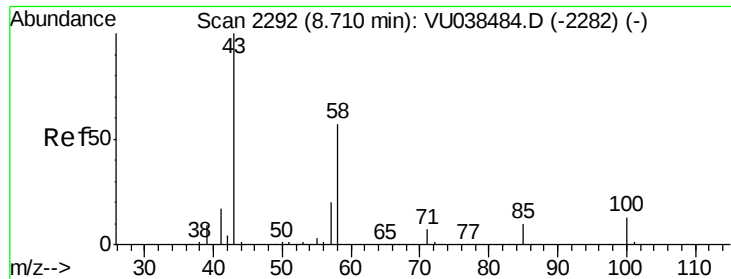
Tot Ion: 75 Resp: 2933
 Ion Ratio Lower Upper
 75 100
 77 59.6 21.9 40.7#



#40
 4-Methyl-2-pentanone
 Concen: 1.627 ug/L
 RT: 7.74 min Scan# 1991
 Delta R.T. -0.08 min
 Lab File: VU038497.D
 Acq: 02 Jun 2020 16:41

Tgt Ion: 43 Resp: 23002
 Ion Ratio Lower Upper
 43 100
 58 1.2 32.4 48.6#
 100 0.0 13.3 19.9#

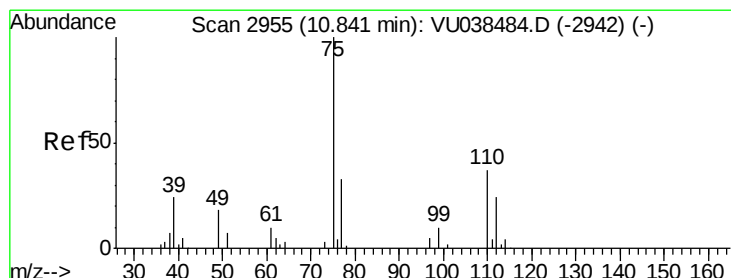
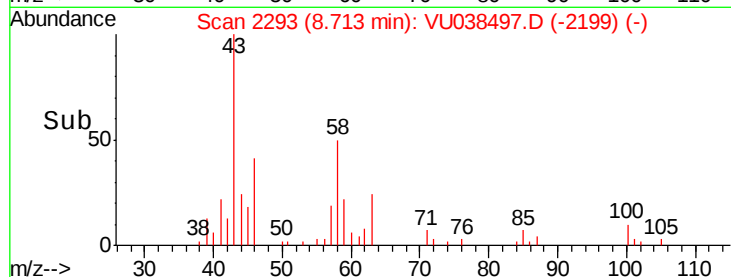
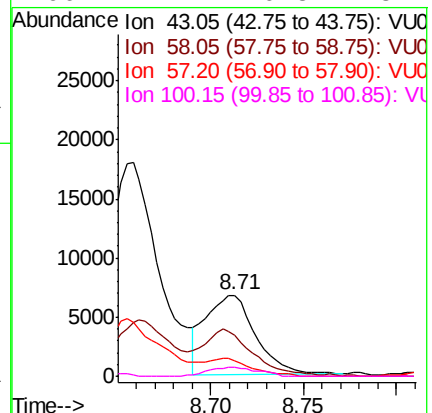
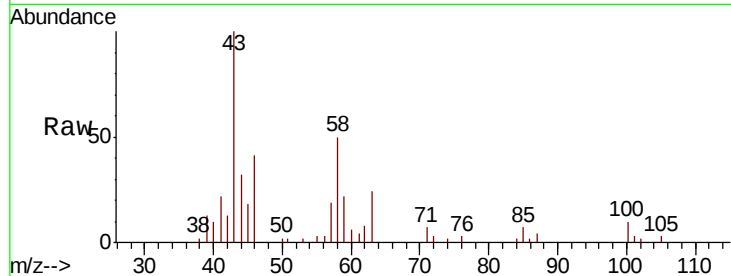




#48
2-Hexanone
Concen: 1.175 ug/L
RT: 8.71 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VU038497.D
Acq: 02 Jun 2020 16:41

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 12579
Ion Ratio Lower Upper
43 100
58 60.5 45.4 68.0
57 18.0 15.9 23.9
100 11.2 10.5 15.7



#59
1,2,3-Trichloropropane
Concen: 1.150 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038497.D
Acq: 02 Jun 2020 16:41

Tgt Ion: 75 Resp: 16963
Ion Ratio Lower Upper
75 100
77 36.3 25.4 38.2

