

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052020\
 Data File : VU038251.D
 Acq On : 20 May 2020 16:38
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 21 01:17:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:14:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	314290	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	308678	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	145955	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	138005	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.93	69	124818	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.59	63	173588	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.66	46	423562	59.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.44%
24) Chloroform-d	5.10	84	228726	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.74	65	139965	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.76	84	485614	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.72	67	157122	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.92	98	426341	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	8.20	79	59112	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.65	63	338615	59.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	131468	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	156510	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

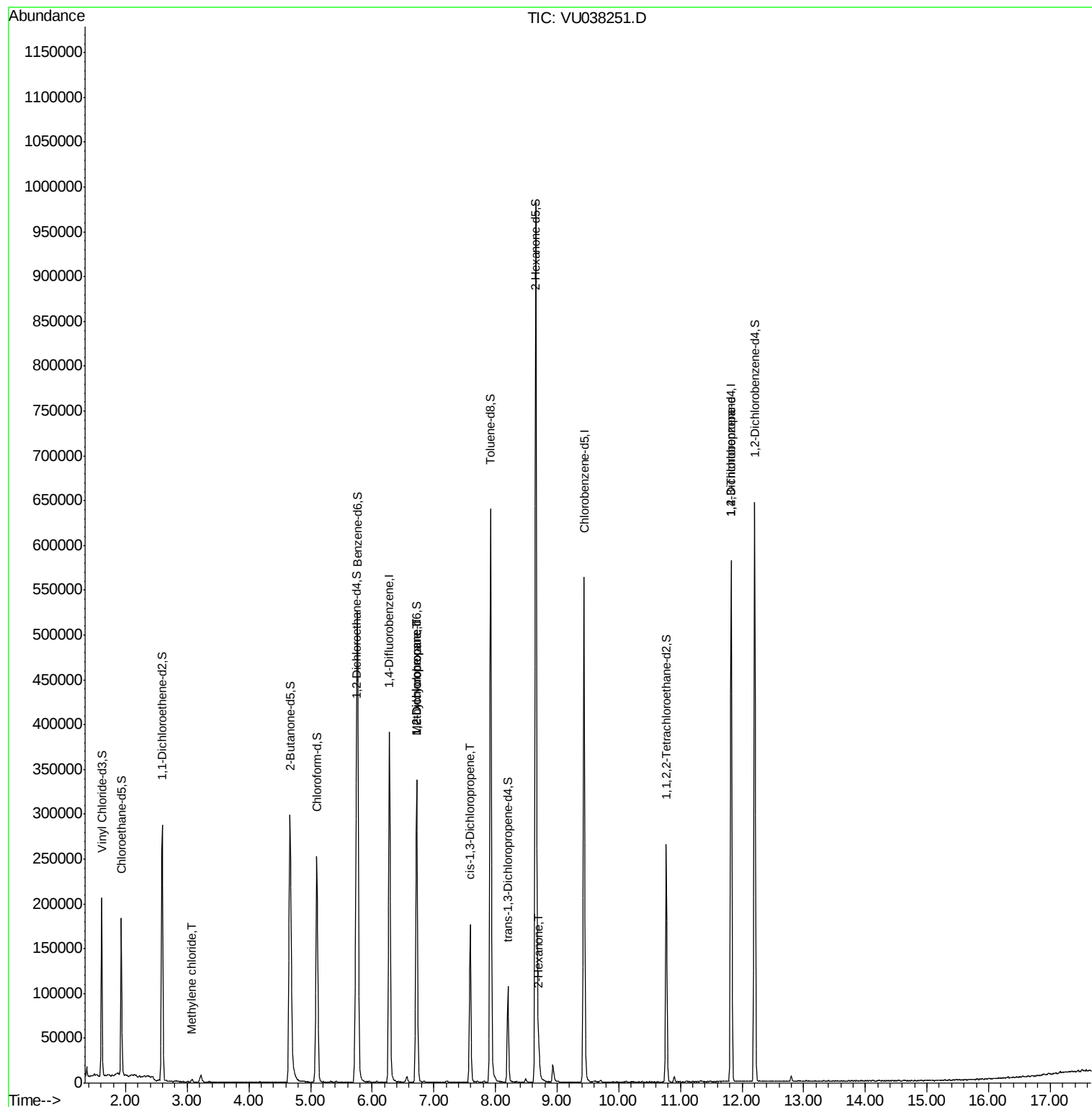
					Ovalue
16) Methylene chloride	3.08	84	1816	0.071 ug/L #	76
35) Methylcyclohexane	6.72	83	35131	0.877 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	17062	0.635 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4330	0.113 ug/L	86
48) 2-Hexanone	8.70	43	17574	1.290 ug/L #	94
59) 1,2,3-Trichloropropane	11.83	75	19513	1.083 ug/L	90

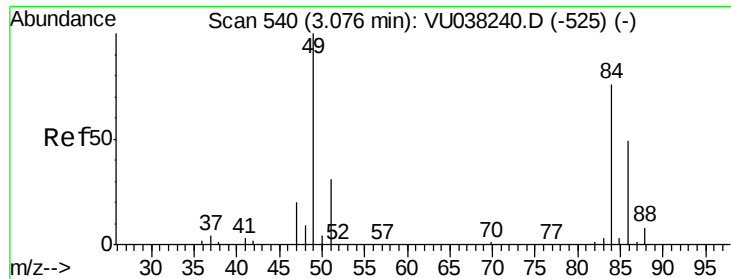
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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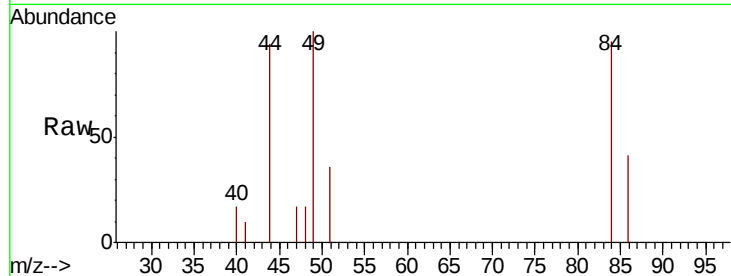




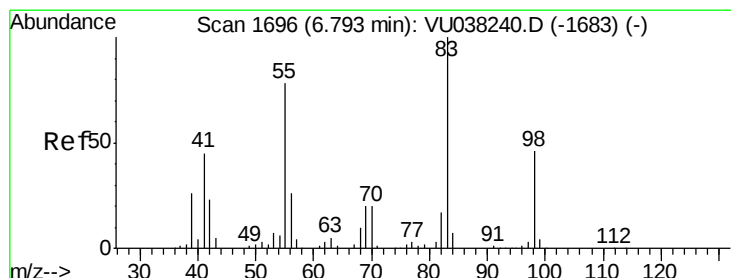
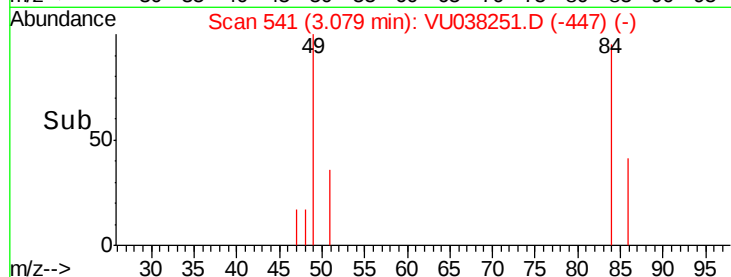
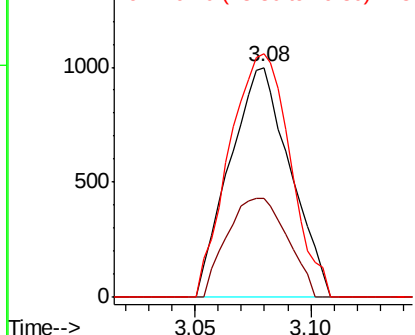
#16
Methvlene chloride
Concen: 0.071 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038251.D
Acq: 20 May 2020 16:38

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 1816
Ion Ratio Lower Upper
84 100
86 43.1 44.9 83.3#
49 105.8 92.0 170.9

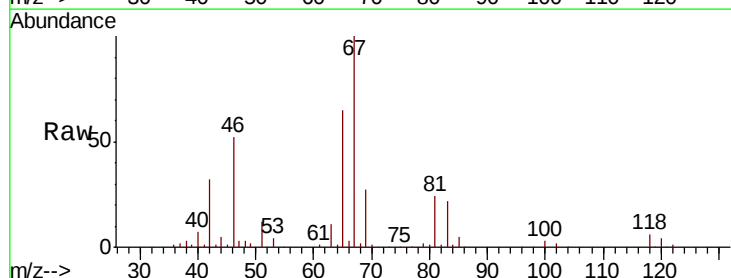


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

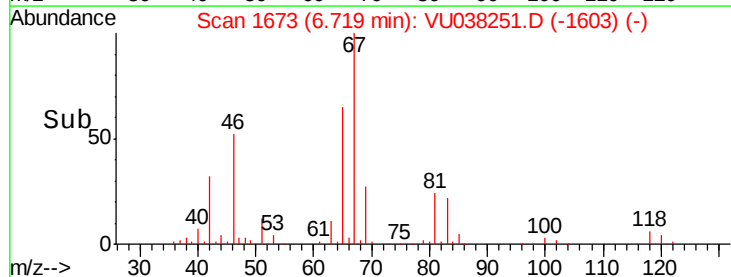
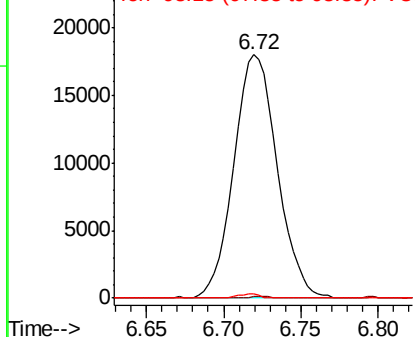


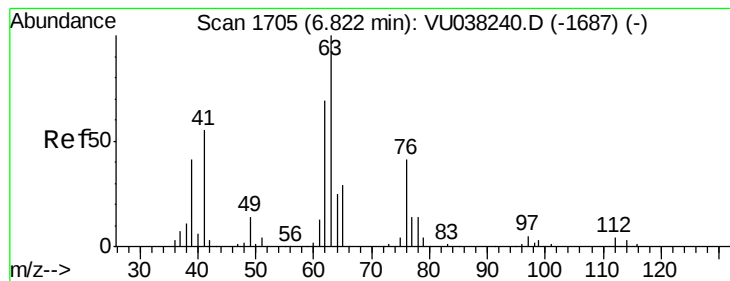
#35
Methylcyclohexane
Concen: 0.877 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038251.D
Acq: 20 May 2020 16:38

Tgt Ion: 83 Resp: 35131
Ion Ratio Lower Upper
83 100
55 0.2 66.7 100.1#
98 0.8 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: 0.635 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038251.D

Acq: 20 May 2020 16:38

Instrument :

MSVOA_U

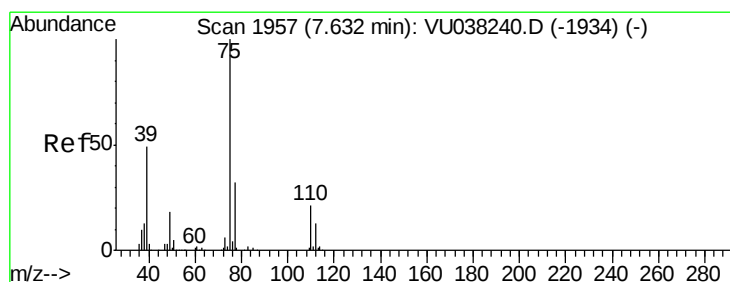
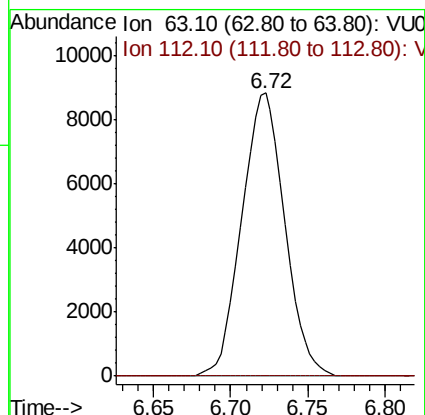
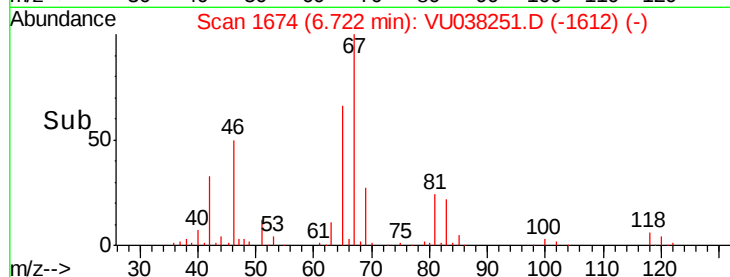
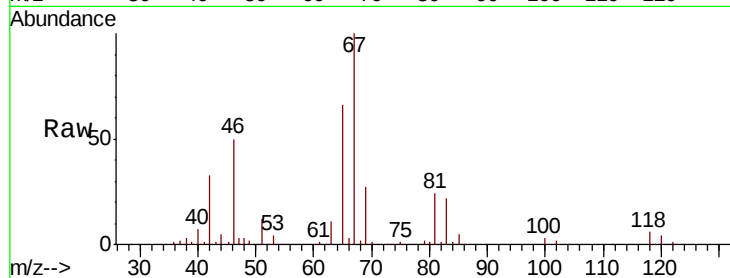
ClientSampleId :

Tot Ion: 63 Resp: 17062

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU038251.D

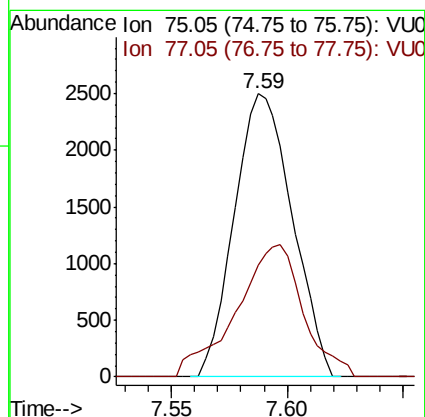
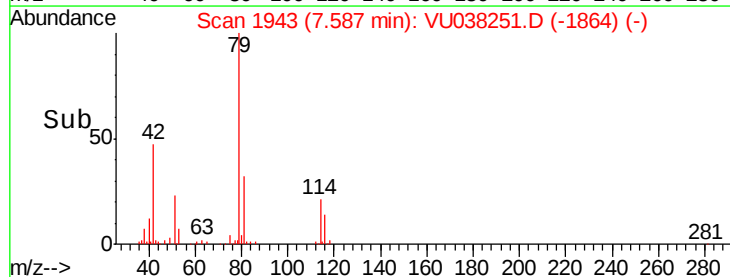
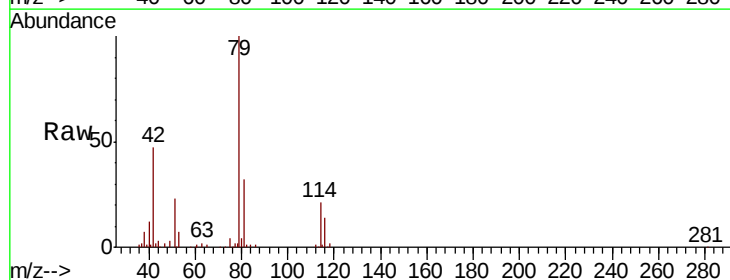
Acq: 20 May 2020 16:38

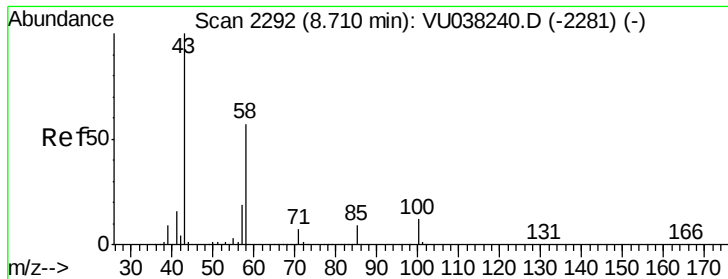
Tgt Ion: 75 Resp: 4330

Ion Ratio Lower Upper

75 100

77 39.5 22.4 41.6

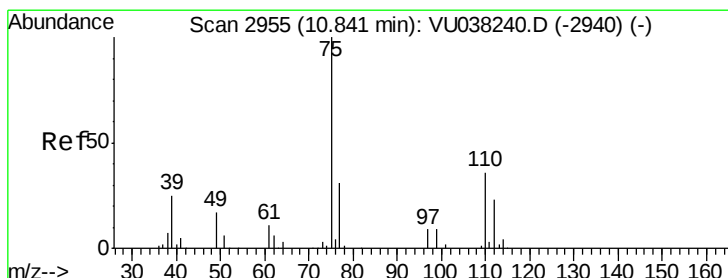
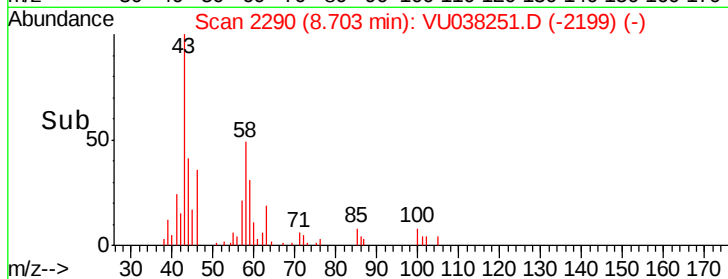
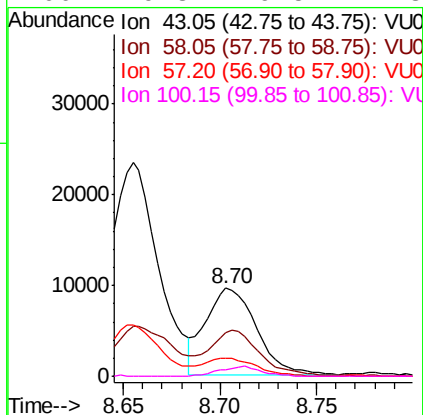
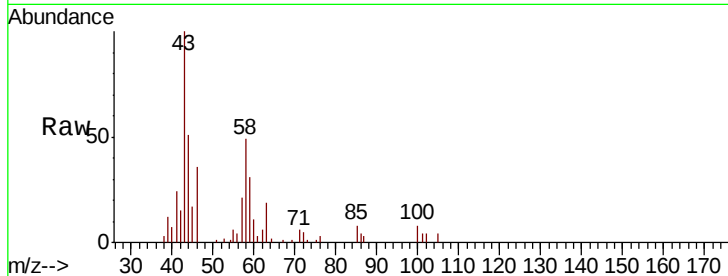




#48
 2-Hexanone
 Concen: 1.290 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: VU038251.D
 Acq: 20 May 2020 16:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 17574
 Ion Ratio Lower Upper
 43 100
 58 51.8 45.2 67.8
 57 22.0 15.5 23.3
 100 9.3 9.5 14.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.083 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038251.D
 Acq: 20 May 2020 16:38

Tgt Ion: 75 Resp: 19513
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.4 38.0

