

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038138.D
 Acq On : 13 May 2020 13:01
 Operator : JC/MD
 Sample : L2599-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:13:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	405697	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	390077	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	188435	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	167399	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.93	69	137219	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.59	63	200555	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.68	46	458152	50.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.08%
24) Chloroform-d	5.10	84	242102	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.74	65	148496	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.76	84	534436	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.72	67	171521	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.92	98	480789	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	8.20	79	68314	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.66	63	348886	48.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	138275	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	172346	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

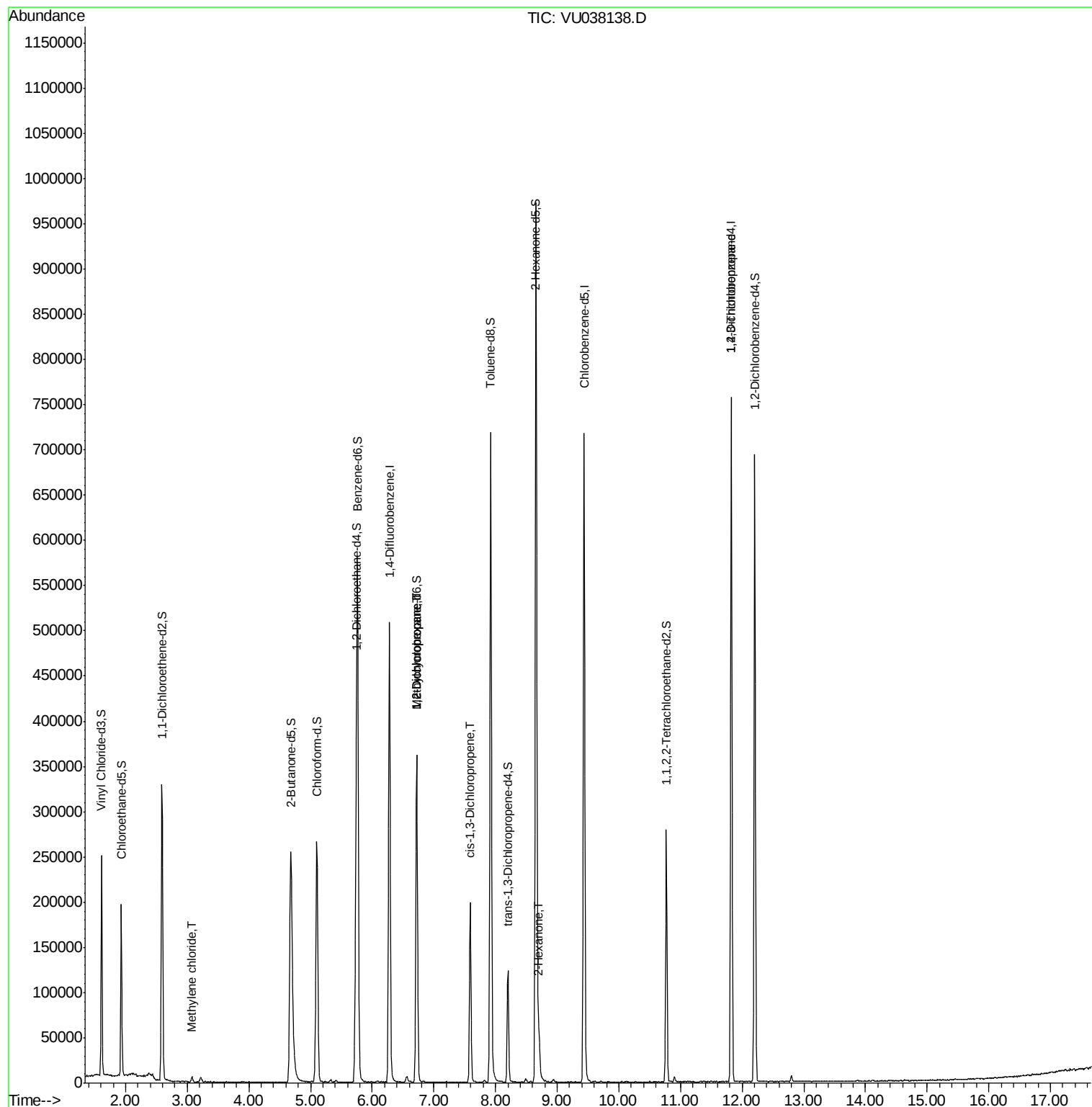
					Ovalue
16) Methylene chloride	3.07	84	2075	0.063 ug/L	84
35) Methylcyclohexane	6.72	83	38066	0.752 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	17617	0.519 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3941	0.081 ug/L #	62
48) 2-Hexanone	8.71	43	25585	1.486 ug/L #	97
59) 1,2,3-Trichloropropane	11.82	75	25671	1.127 ug/L	94

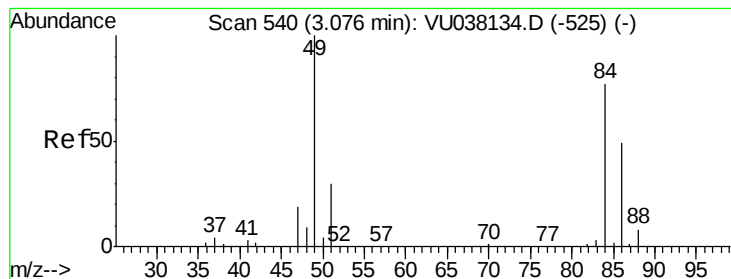
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.063 ug/L

RT: 3.07 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU038138.D

Acq: 13 May 2020 13:01

Instrument :

MSVOA_U

ClientSampled :

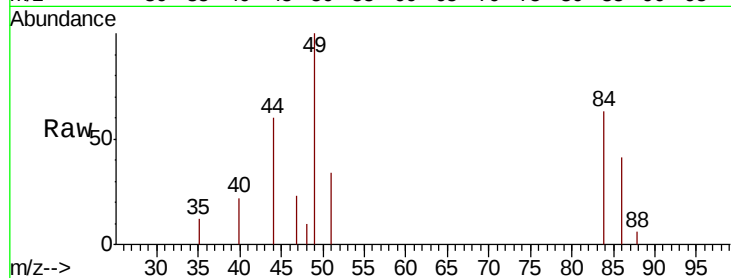
Tot Ion: 84 Resp: 2075

Ion Ratio Lower Upper

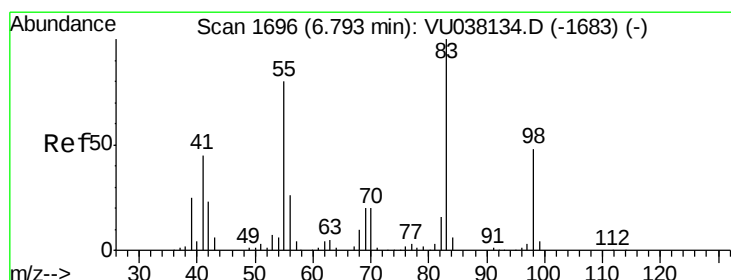
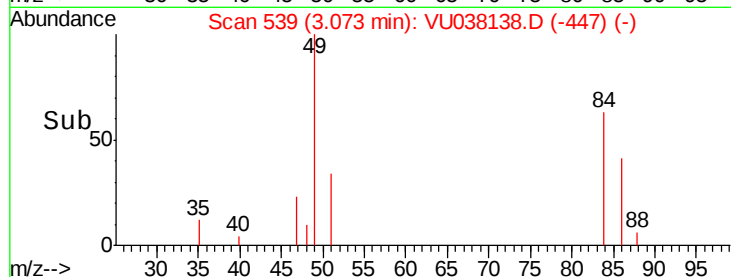
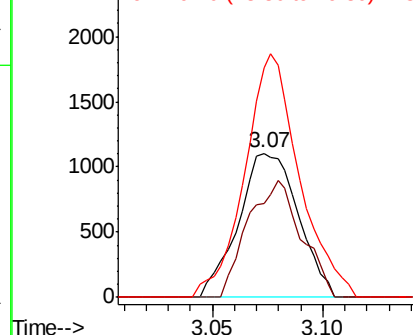
84 100

86 64.8 44.9 83.3

49 159.0 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: 0.752 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038138.D

Acq: 13 May 2020 13:01

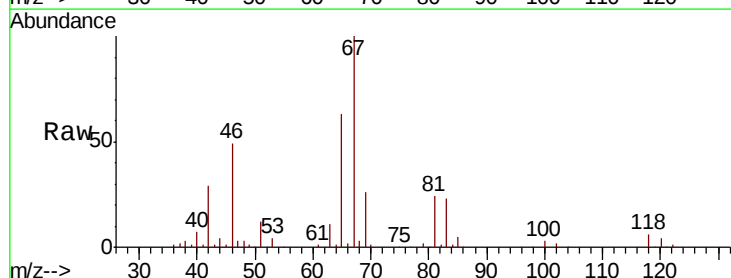
Tgt Ion: 83 Resp: 38066

Ion Ratio Lower Upper

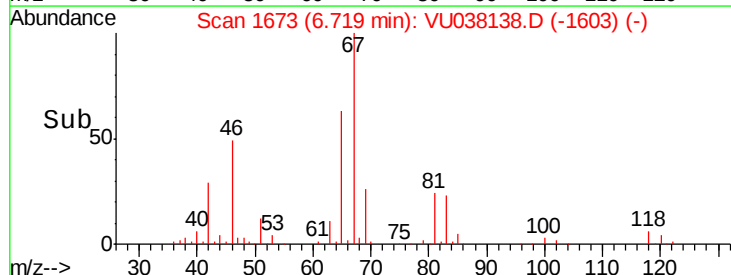
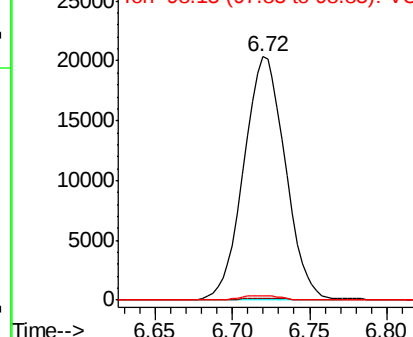
83 100

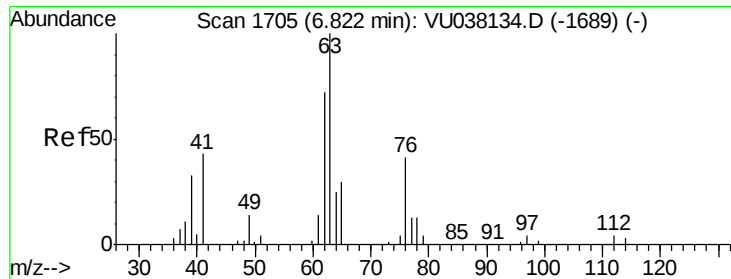
55 0.4 66.7 100.1#

98 1.6 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

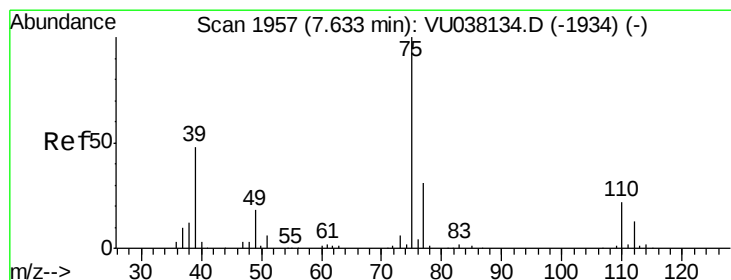
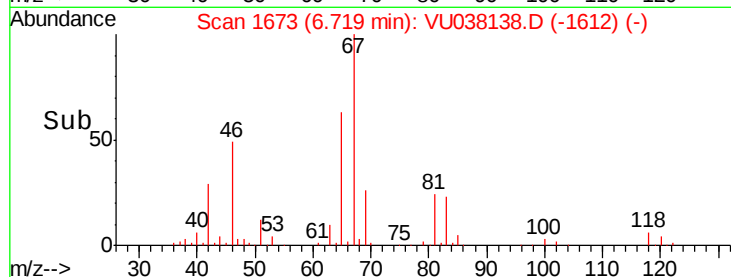
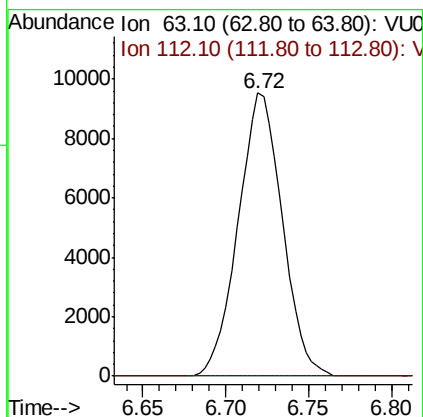
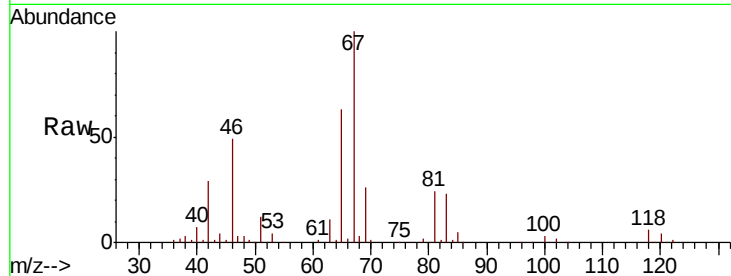




#37
 1,2-Dichloropropane
 Concen: 0.519 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038138.D
 Acq: 13 May 2020 13:01

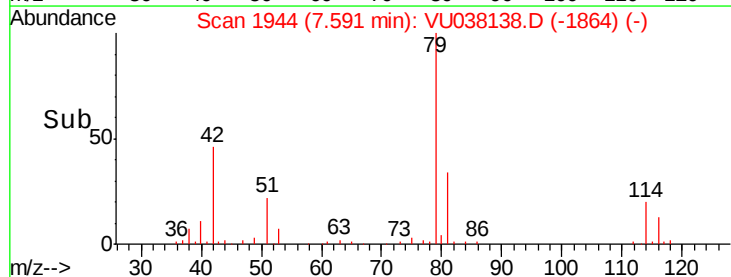
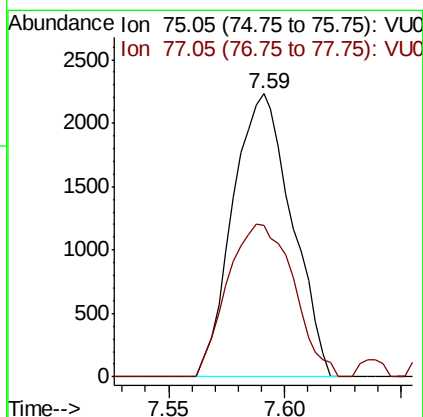
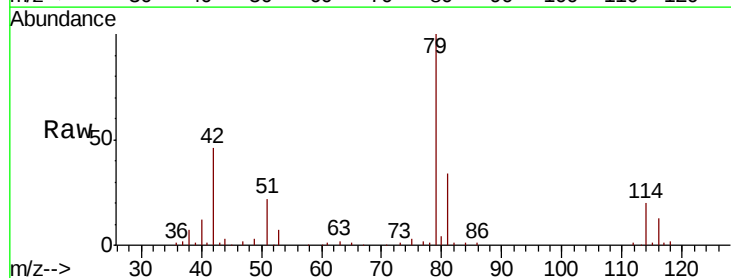
Instrument :
 MSVOA_U
 ClientSampled :

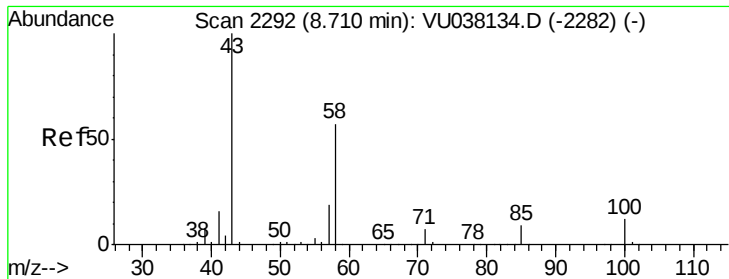
Tot Ion: 63 Resp: 17617
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038138.D
 Acq: 13 May 2020 13:01

Tgt Ion: 75 Resp: 3941
 Ion Ratio Lower Upper
 75 100
 77 53.3 22.4 41.6#

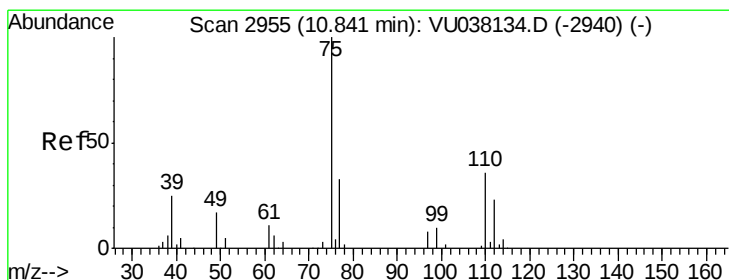
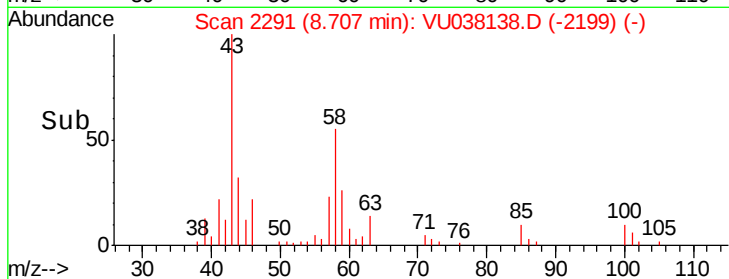
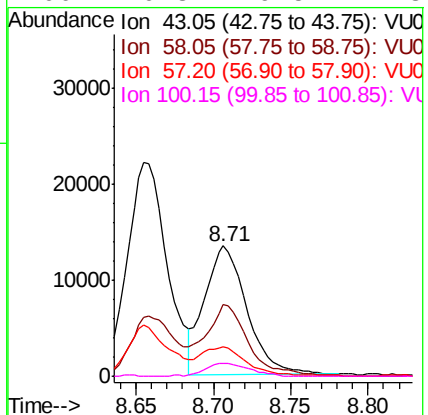
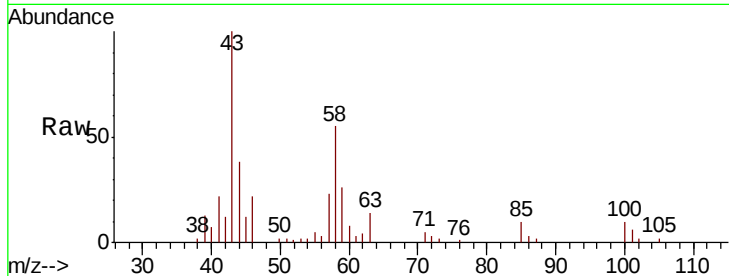




#48
2-Hexanone
Concen: 1.486 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038138.D
Acq: 13 May 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 25585
Ion Ratio Lower Upper
43 100
58 56.3 45.2 67.8
57 24.0 15.5 23.3#
100 10.3 9.5 14.3



#59
1,2,3-Trichloropropane
Concen: 1.127 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038138.D
Acq: 13 May 2020 13:01

Tgt Ion: 75 Resp: 25671
Ion Ratio Lower Upper
75 100
77 34.8 25.4 38.0

