

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051520\
 Data File : VU038208.D
 Acq On : 15 May 2020 19:09
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 03:36:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 03:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	313022	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	308845	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	142322	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	137188	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.93	69	125176	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.59	63	156017	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.67	46	429044	60.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.46%
24) Chloroform-d	5.10	84	226068	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.74	65	139319	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.76	84	471594	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.72	67	158358	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.92	98	388998	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.20	79	56476	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.65	63	323647	57.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	127848	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	151137	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

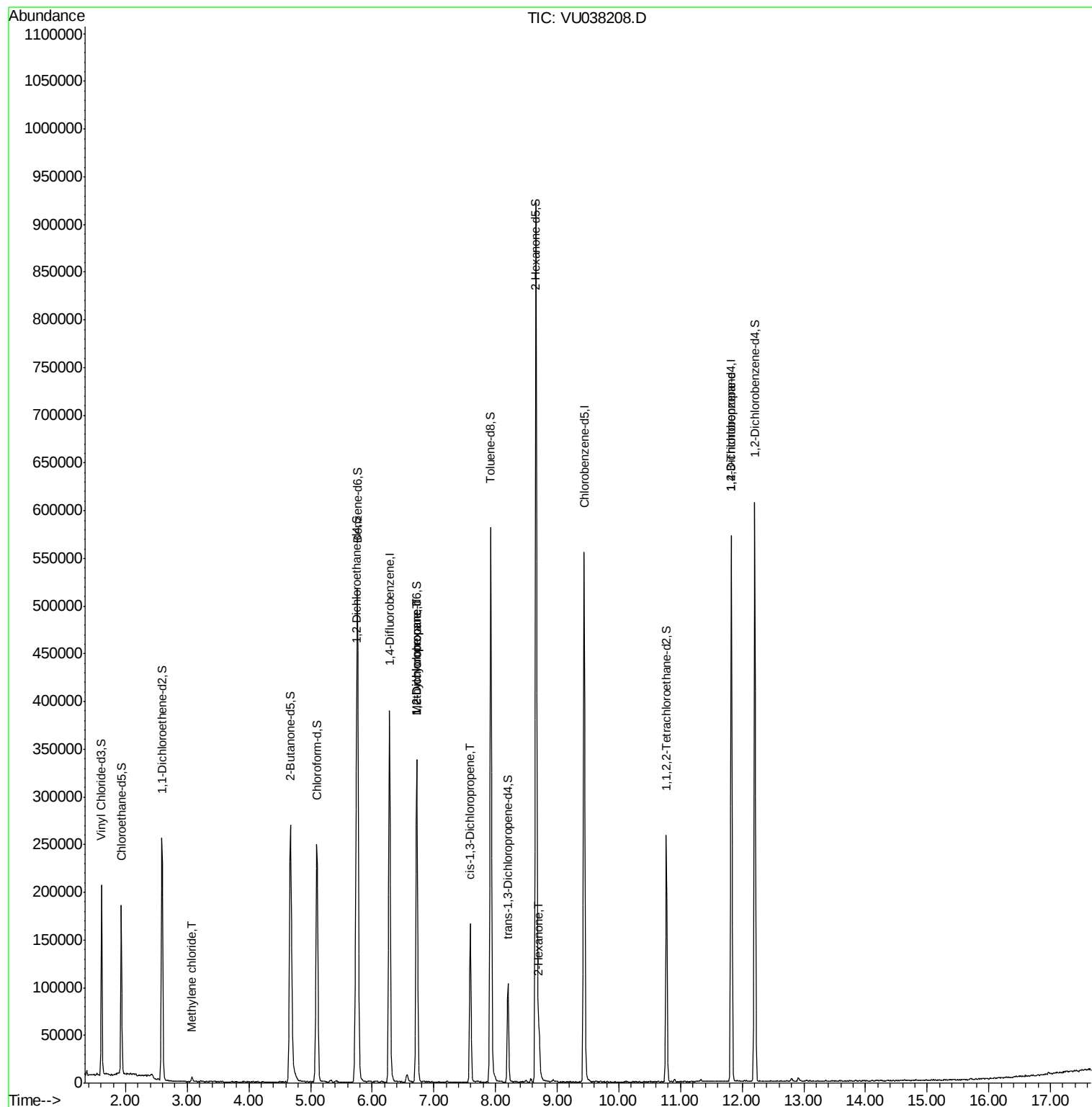
					Ovalue
16) Methylene chloride	3.07	84	2413	0.095 ug/L	89
35) Methylcyclohexane	6.72	83	35673	0.890 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	17241	0.642 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3550	0.092 ug/L #	54
48) 2-Hexanone	8.71	43	26237	1.924 ug/L #	95
59) 1,2,3-Trichloropropane	11.83	75	18750	1.040 ug/L #	86

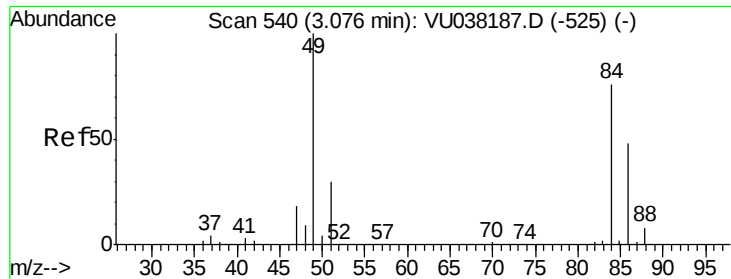
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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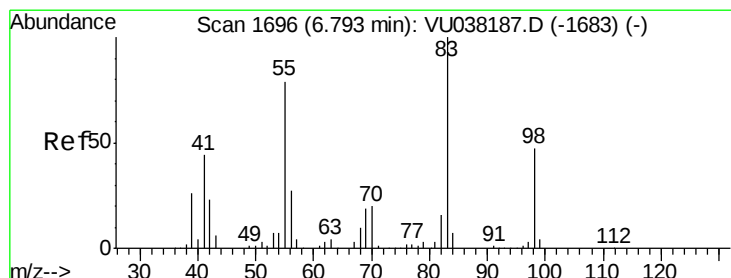
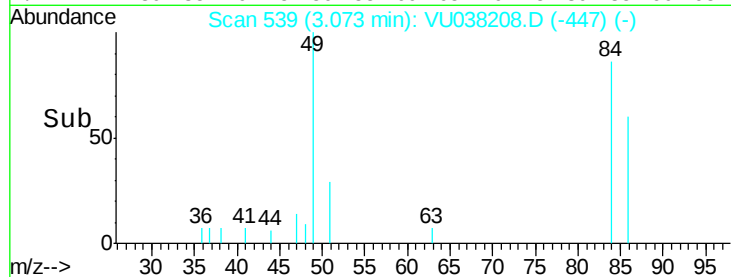
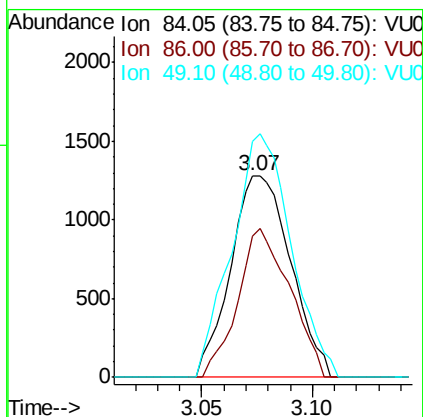
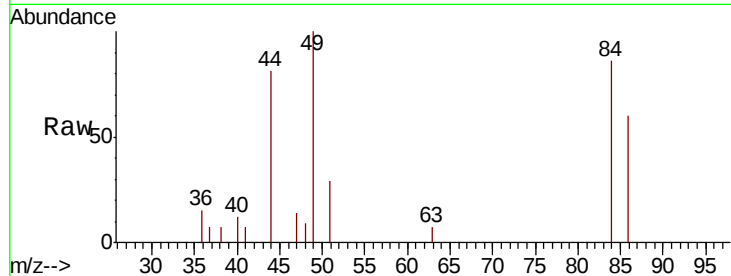




#16
Methylene chloride
Concen: 0.095 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU038208.D
Acq: 15 May 2020 19:09

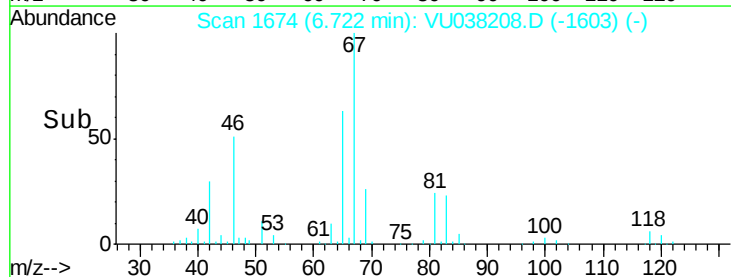
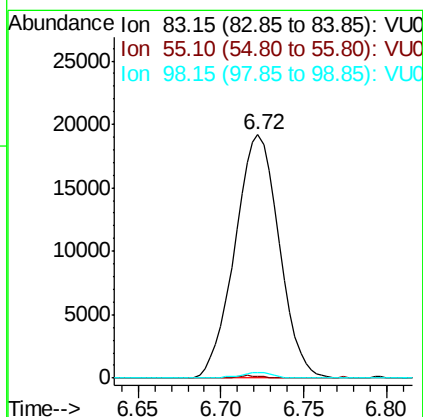
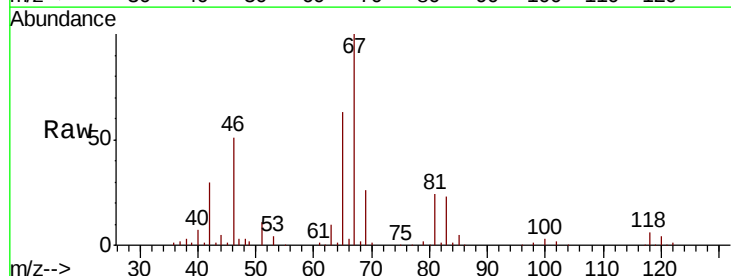
Instrument :
MSVOA_U
ClientSampled :

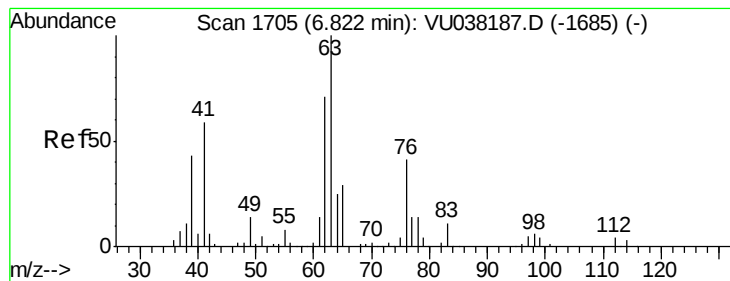
Tot Ion: 84 Resp: 2413
Ion Ratio Lower Upper
84 100
86 69.9 44.9 83.3
49 116.8 92.0 170.9



#35
Methylcyclohexane
Concen: 0.890 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038208.D
Acq: 15 May 2020 19:09

Tgt Ion: 83 Resp: 35673
Ion Ratio Lower Upper
83 100
55 0.5 66.7 100.1#
98 1.6 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.642 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038208.D

Acq: 15 May 2020 19:09

Instrument :

MSVOA_U

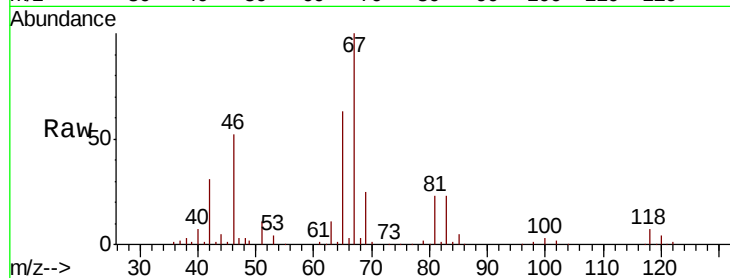
ClientSampleId :

Tot Ion: 63 Resp: 17241

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU038208.D (-1673) (-)

Ion 112.10 (111.80 to 112.80): VU038208.D (-1673) (-)

6.72

10000

8000

6000

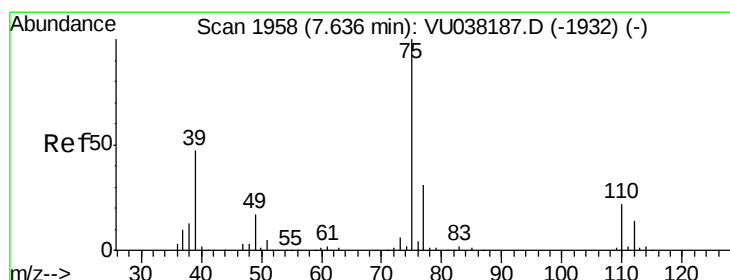
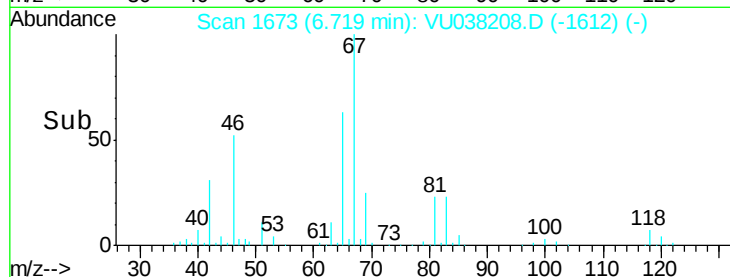
4000

2000

0

Time-->

6.65 6.70 6.75 6.80



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.05 min

Lab File: VU038208.D

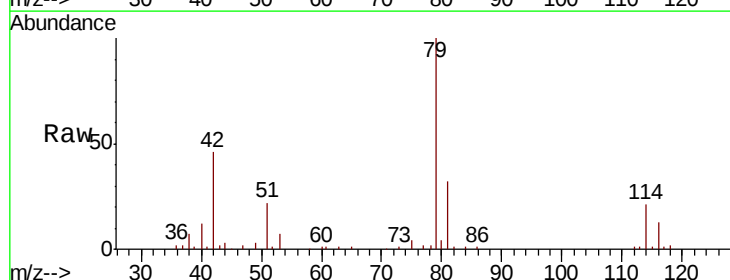
Acq: 15 May 2020 19:09

Tgt Ion: 75 Resp: 3550

Ion Ratio Lower Upper

75 100

77 57.4 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038208.D (-1944) (-)

Ion 77.05 (76.75 to 77.75): VU038208.D (-1944) (-)

7.59

2500

2000

1500

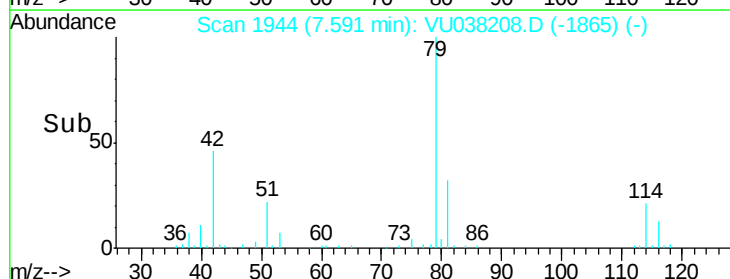
1000

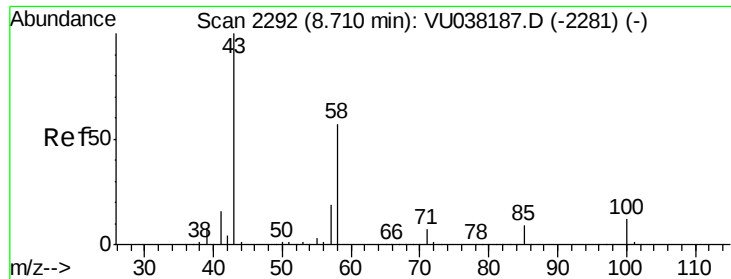
500

0

Time-->

7.55 7.60

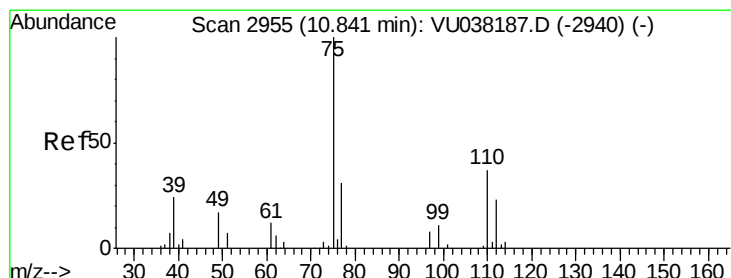
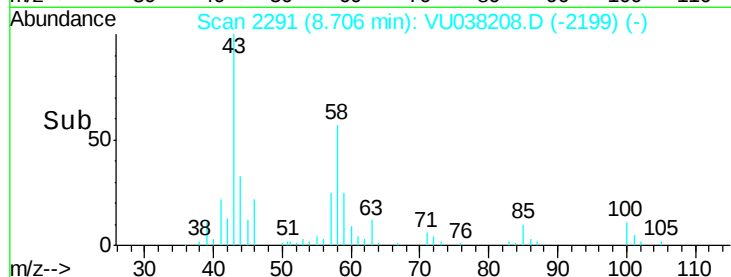
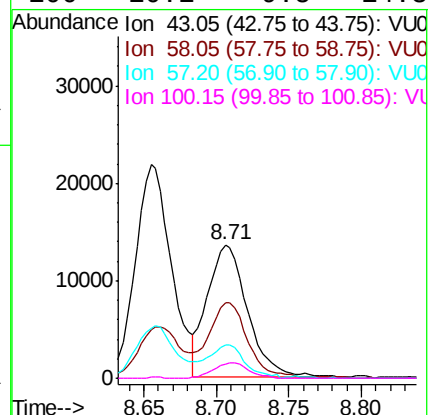
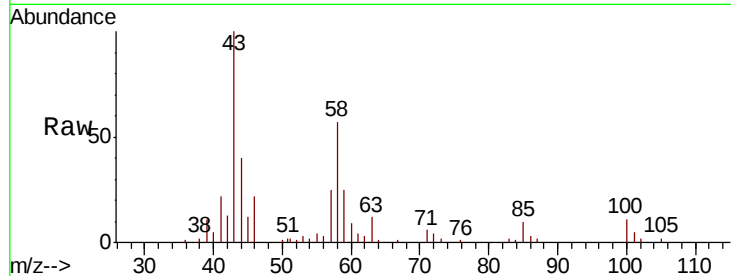




#48
2-Hexanone
Concen: 1.924 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038208.D
Acq: 15 May 2020 19:09

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 26237
Ion Ratio Lower Upper
43 100
58 54.0 45.2 67.8
57 23.9 15.5 23.3#
100 10.1 9.5 14.3



#59
1,2,3-Trichloropropane
Concen: 1.040 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038208.D
Acq: 15 May 2020 19:09

Tgt Ion: 75 Resp: 18750
Ion Ratio Lower Upper
75 100
77 39.7 25.4 38.0#

