

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051520\
 Data File : VU038191.D
 Acq On : 15 May 2020 12:34
 Operator : JC/MD
 Sample : L2657-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 03:32:30 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	370501	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	357370	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	168403	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	117228	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.93	69	116267	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.59	63	157869	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.67	46	437019	52.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.54%
24) Chloroform-d	5.10	84	221049	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.74	65	131442	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.76	84	468460	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.72	67	157091	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.92	98	403972	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	8.20	79	54258	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.65	63	342465	52.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	125564	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	150223	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

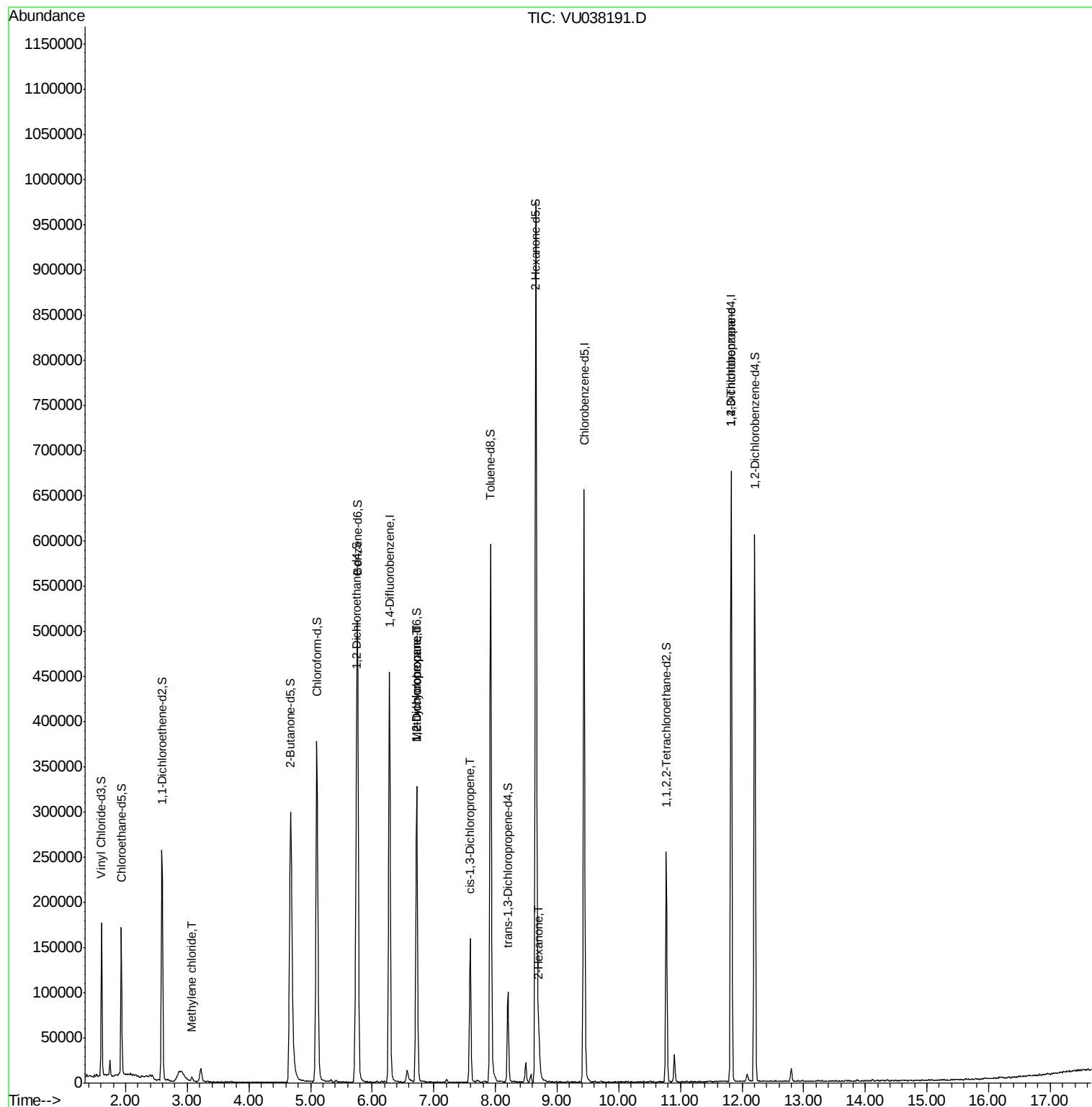
					Ovalue
16) Methylene chloride	3.07	84	1969	0.066 ug/L	98
35) Methylcyclohexane	6.72	83	33535	0.723 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16333	0.525 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3506	0.079 ug/L #	60
48) 2-Hexanone	8.71	43	25762	1.633 ug/L #	96
59) 1,2,3-Trichloropropane	11.83	75	23481	1.125 ug/L	95

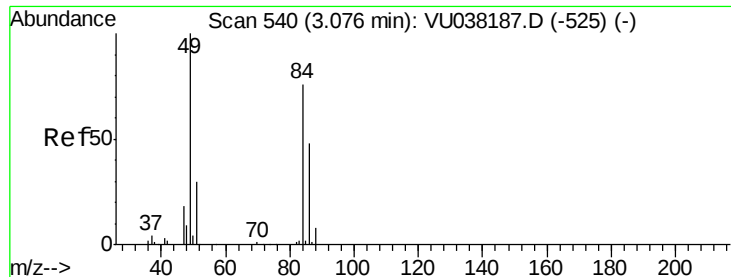
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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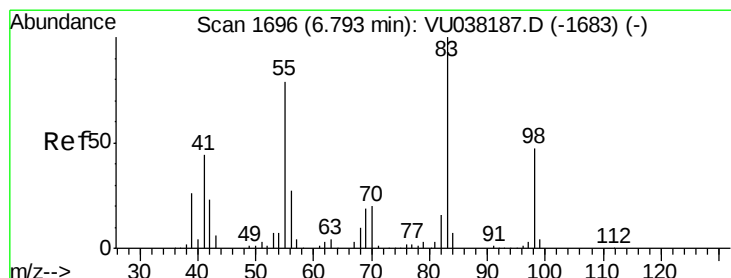
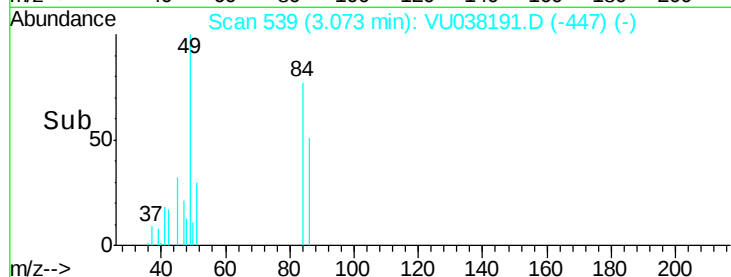
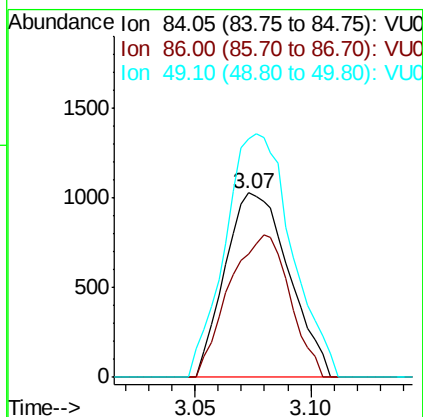
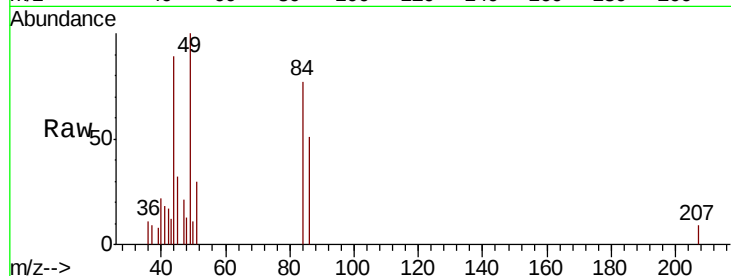




#16
Methvlene chloride
Concen: 0.066 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU038191.D
Acq: 15 May 2020 12:34

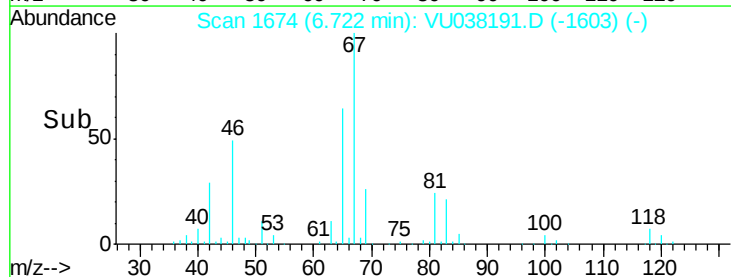
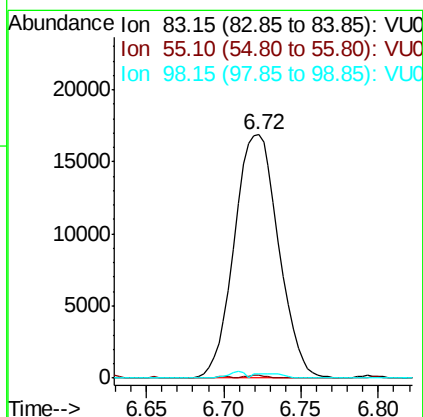
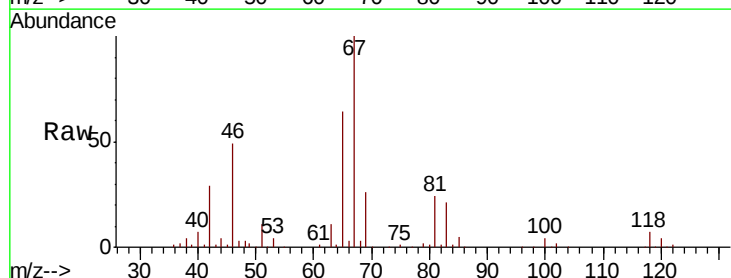
Instrument :
MSVOA_U
ClientSampleId :

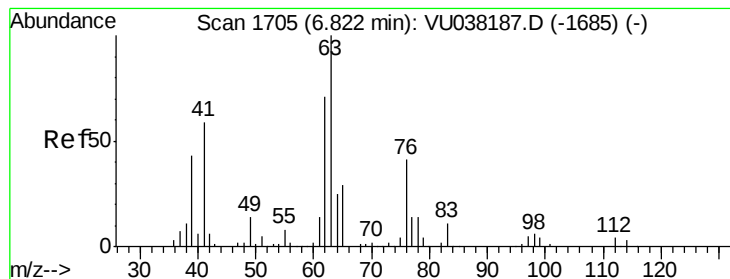
Tot Ion: 84 Resp: 1969
Ion Ratio Lower Upper
84 100
86 66.6 44.9 83.3
49 129.9 92.0 170.9



#35
Methylcyclohexane
Concen: 0.723 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038191.D
Acq: 15 May 2020 12:34

Tgt Ion: 83 Resp: 33535
Ion Ratio Lower Upper
83 100
55 0.5 66.7 100.1#
98 1.1 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.525 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038191.D

Acq: 15 May 2020 12:34

Instrument :

MSVOA_U

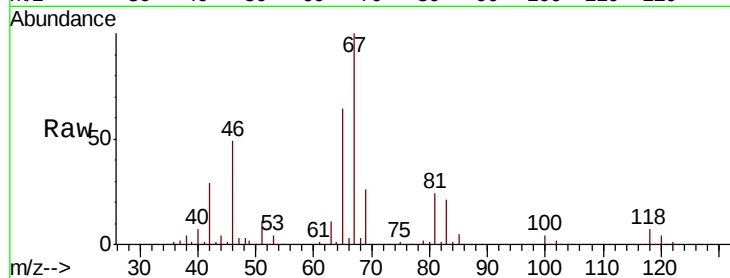
ClientSampleId :

Tot Ion: 63 Resp: 16333

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU038191.D (-1612) (-)

Ion 112.10 (111.80 to 112.80): VU038191.D (-1612) (-)

6.72

10000

8000

6000

4000

2000

0

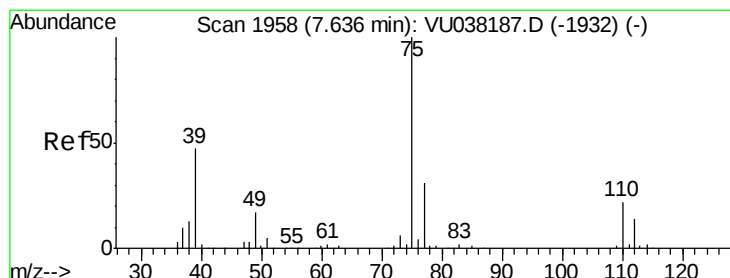
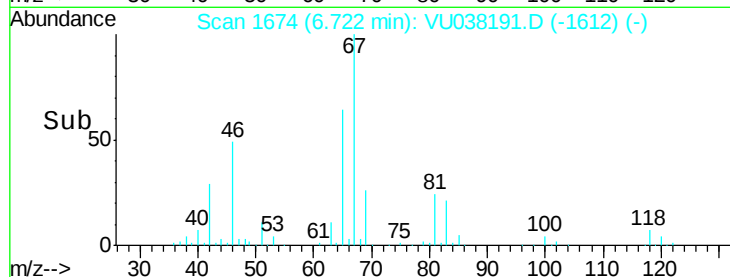
Time-->

6.65

6.70

6.75

6.80



#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.05 min

Lab File: VU038191.D

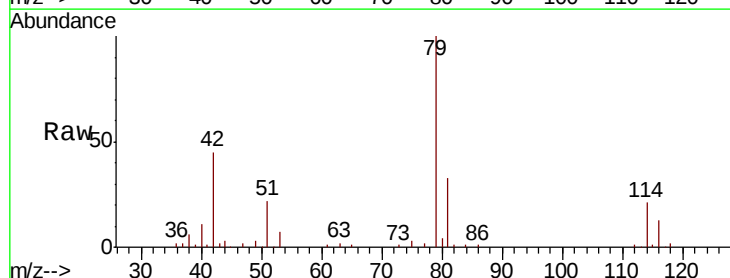
Acq: 15 May 2020 12:34

Tgt Ion: 75 Resp: 3506

Ion Ratio Lower Upper

75 100

77 54.1 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038191.D (-1865) (-)

Ion 77.05 (76.75 to 77.75): VU038191.D (-1865) (-)

7.59

2000

1500

1000

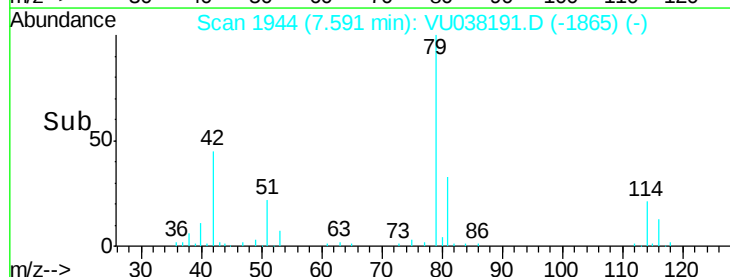
500

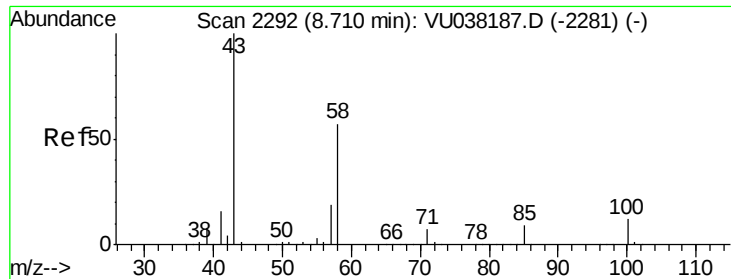
0

Time-->

7.55

7.60

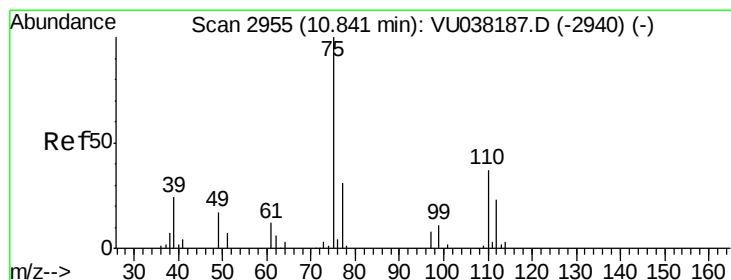
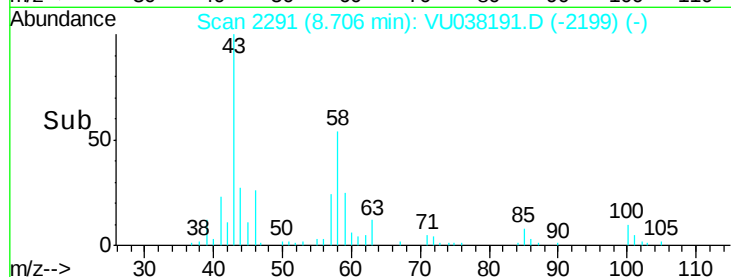
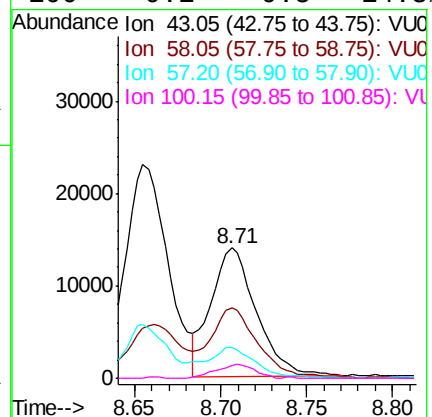
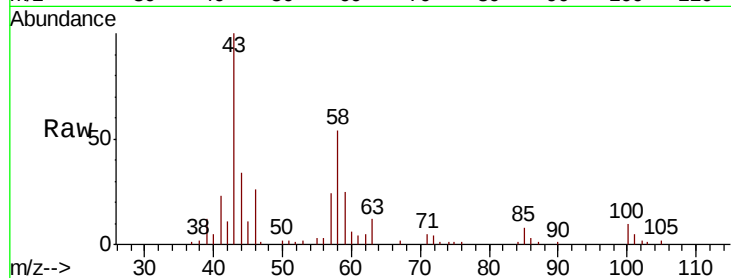




#48
2-Hexanone
Concen: 1.633 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038191.D
Acq: 15 May 2020 12:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 25762
Ion Ratio Lower Upper
43 100
58 55.2 45.2 67.8
57 22.6 15.5 23.3
100 9.1 9.5 14.3#



#59
1,2,3-Trichloropropane
Concen: 1.125 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038191.D
Acq: 15 May 2020 12:34

Tgt Ion: 75 Resp: 23481
Ion Ratio Lower Upper
75 100
77 34.6 25.4 38.0

