

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061820\
 Data File : VU038976.D
 Acq On : 18 Jun 2020 17:37
 Operator : SY/MD
 Sample : L3058-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L41

Quant Time: Jun 19 01:21:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 19 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	271425	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	274079	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	126512	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	70590	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.93	69	74312	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.59	63	117551	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.67	46	334697	55.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.00%
24) Chloroform-d	5.10	84	178685	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.74	65	106544	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.76	84	332631	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.72	67	150848	6.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	136.20%
41) Toluene-d8	7.92	98	265571	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.20	79	44137	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.65	63	272306	50.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103109	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	119748	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

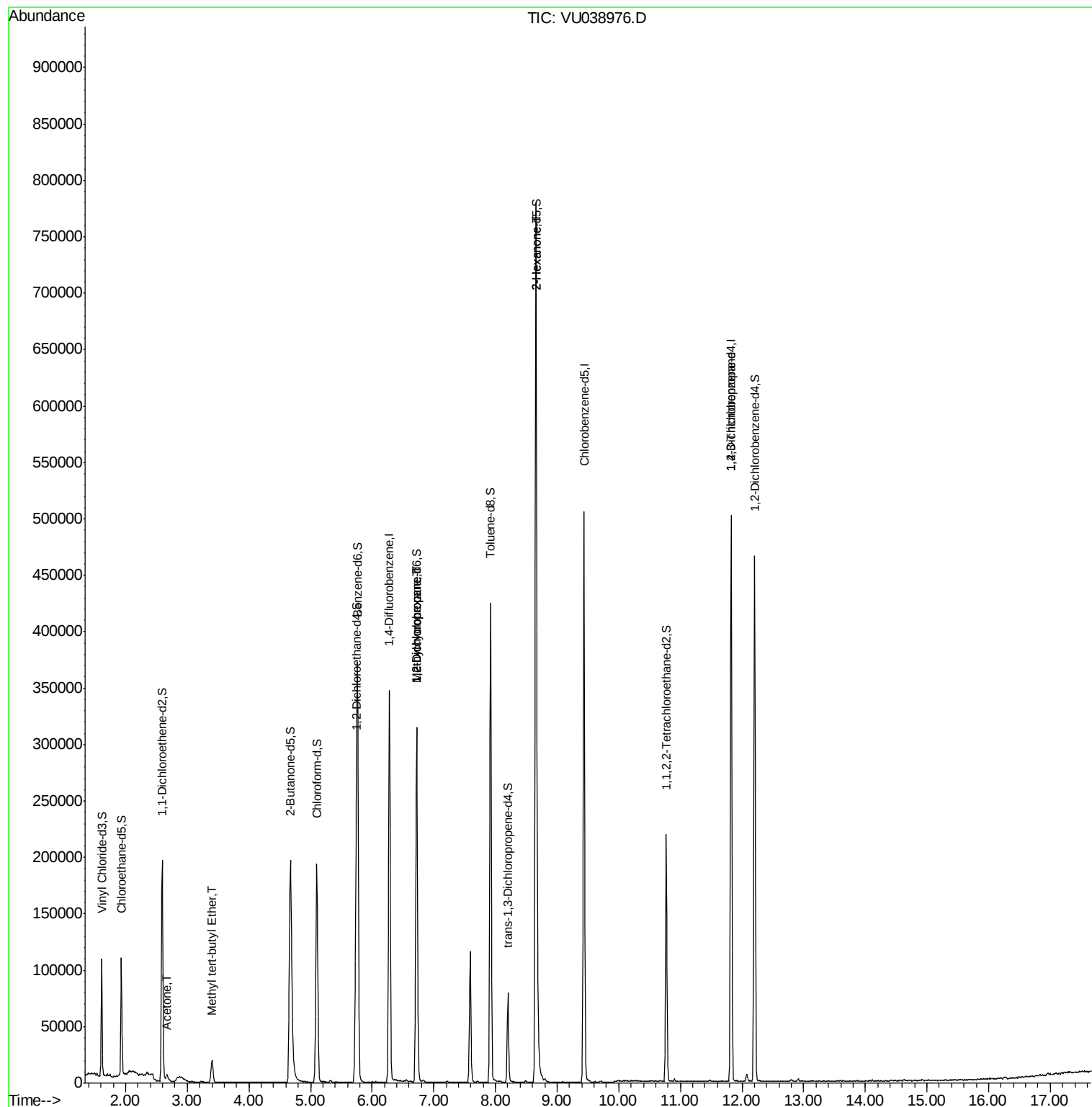
					Ovalue
13) Acetone	2.67	43	9645	2.347 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	20521	0.409 ug/L	99
35) Methylcyclohexane	6.72	83	33263	1.010 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	15924	0.745 ug/L #	86
48) 2-Hexanone	8.66	43	40795	3.655 ug/L #	69
59) 1,2,3-Trichloropropane	11.82	75	16018	0.971 ug/L	89

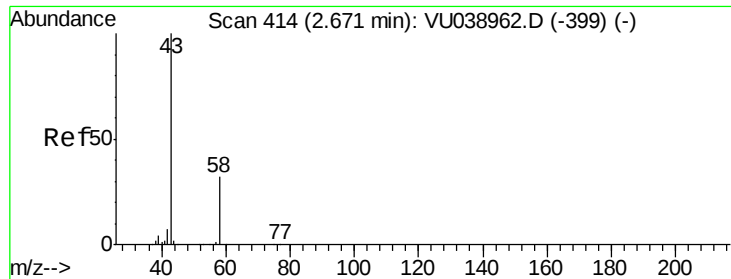
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 01:17:22 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.347 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU038976.D

Acq: 18 Jun 2020 17:37

Instrument :

MSVOA_U

ClientSampleId :

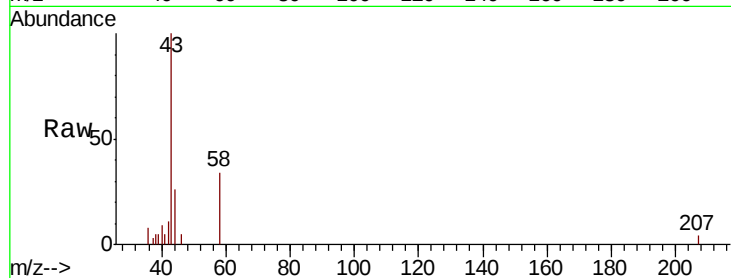
F9L41

Tot Ion: 43 Resp: 9645

Ion Ratio Lower Upper

43 100

58 32.1 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU038976.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU038976.D (-321) (-)

2.67

3000

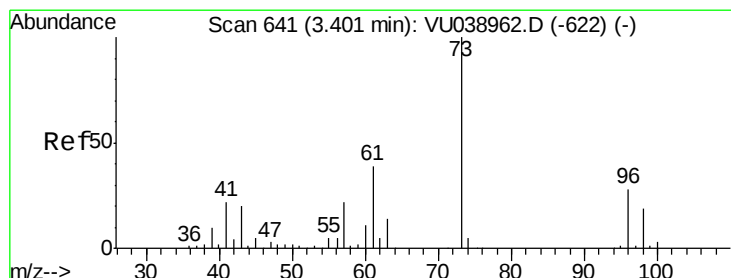
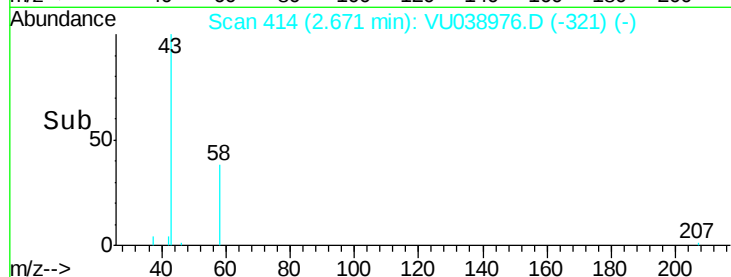
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#17

Methyl tert-butyl Ether

Concen: 0.409 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038976.D

Acq: 18 Jun 2020 17:37

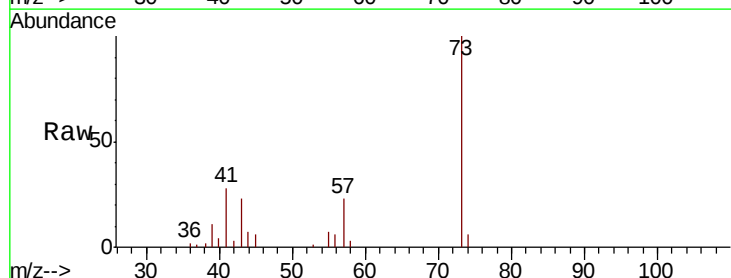
Tgt Ion: 73 Resp: 20521

Ion Ratio Lower Upper

73 100

43 22.5 17.0 25.4

57 22.2 17.7 26.5



Abundance Ion 73.10 (72.80 to 73.80): VU038976.D (-548) (-)

Ion 43.05 (42.75 to 43.75): VU038976.D (-548) (-)

Ion 57.10 (56.80 to 57.80): VU038976.D (-548) (-)

3.40

12000

10000

8000

6000

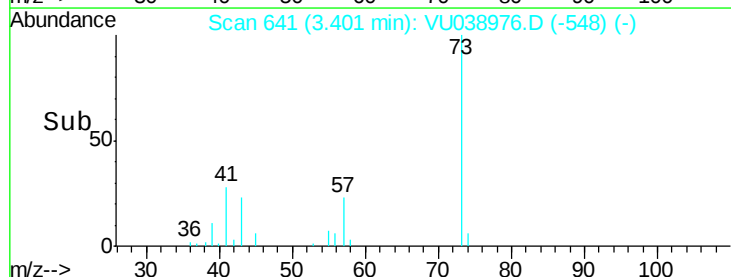
4000

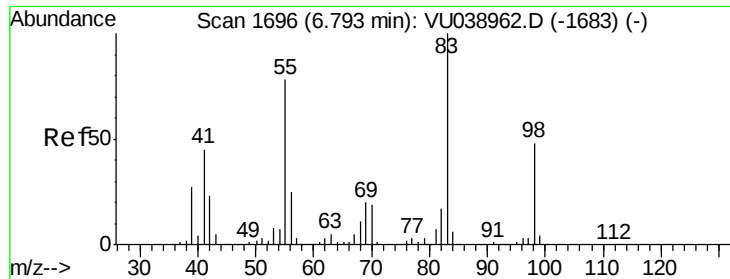
2000

0

Time-->

3.30 3.35 3.40 3.45 3.50

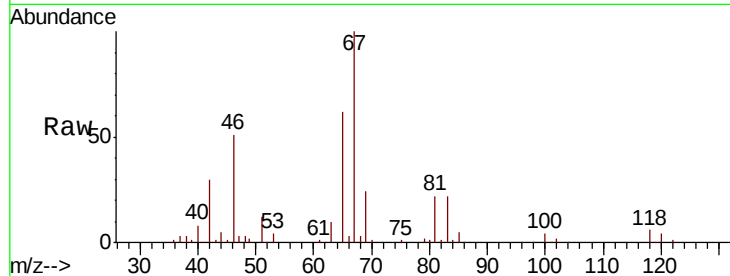




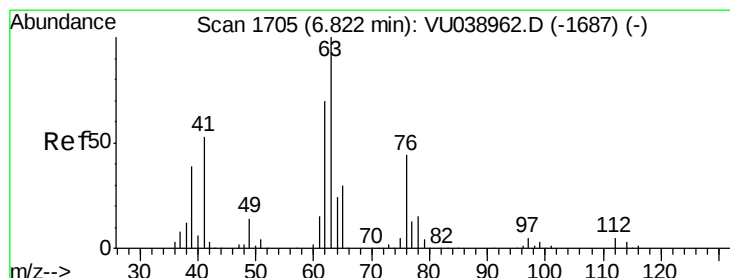
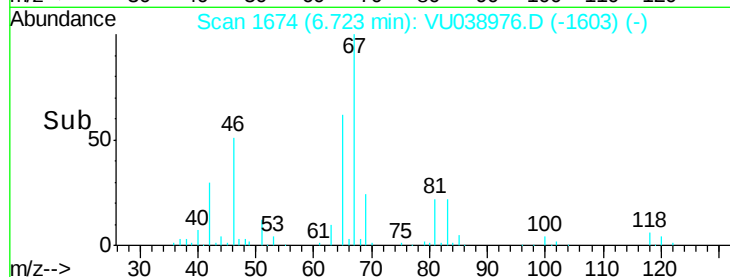
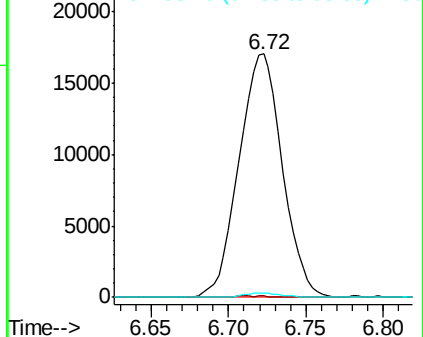
#35
Methvlcvclohexane
Concen: 1.010 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038976.D
Acq: 18 Jun 2020 17:37

Instrument :
MSVOA_U
ClientSampleId :
F9L41

Tot Ion: 83 Resp: 33263
Ion Ratio Lower Upper
83 100
55 0.1 61.8 92.8#
98 1.5 39.3 58.9#

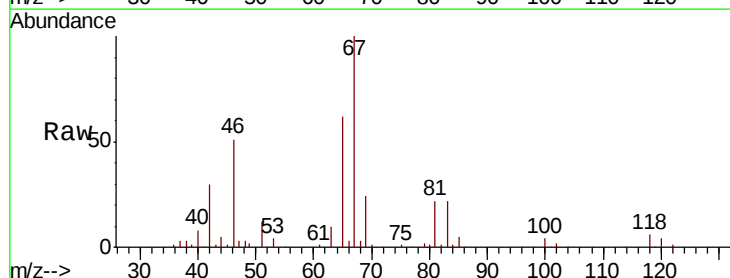


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

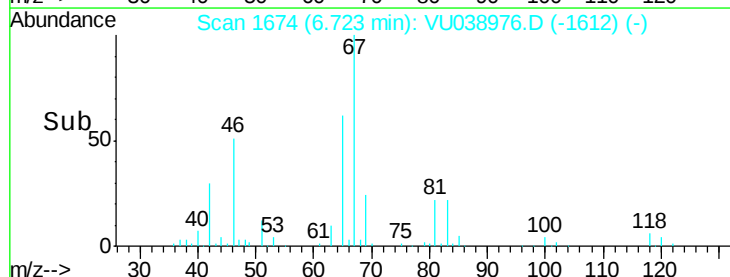
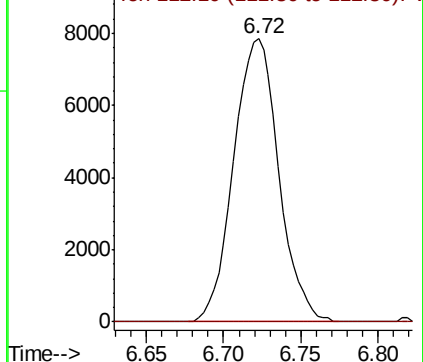


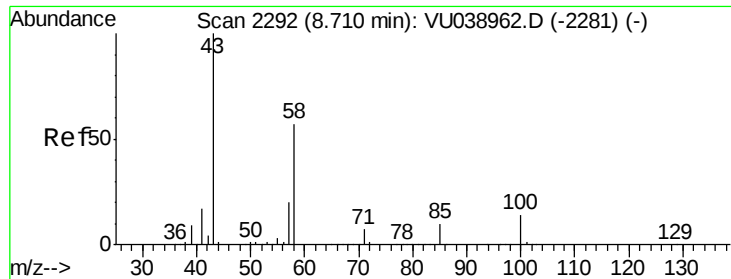
#37
1,2-Dichloropropane
Concen: 0.745 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038976.D
Acq: 18 Jun 2020 17:37

Tgt Ion: 63 Resp: 15924
Ion Ratio Lower Upper
63 100
112 0.1 3.9 5.9#



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

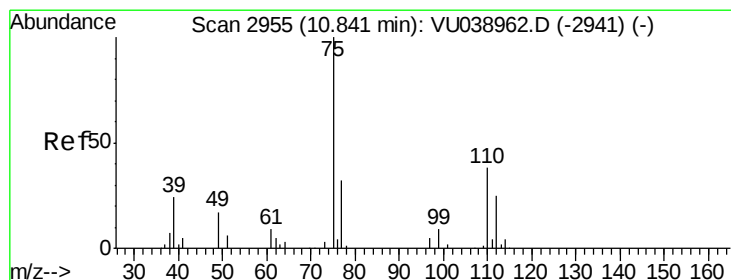
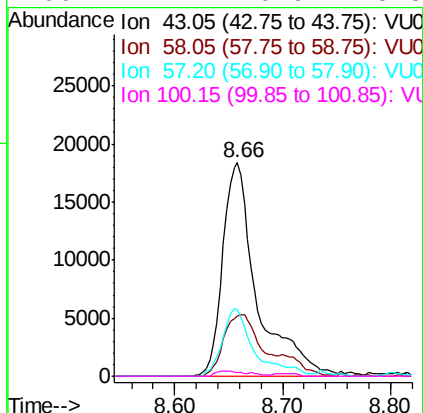
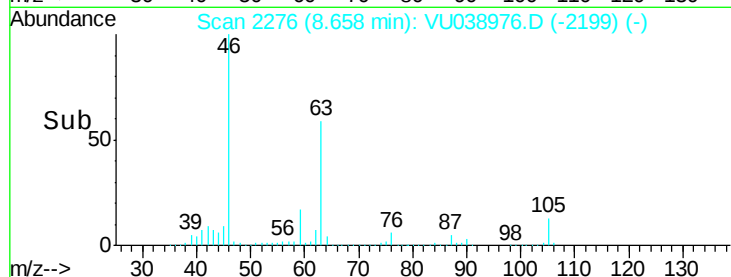
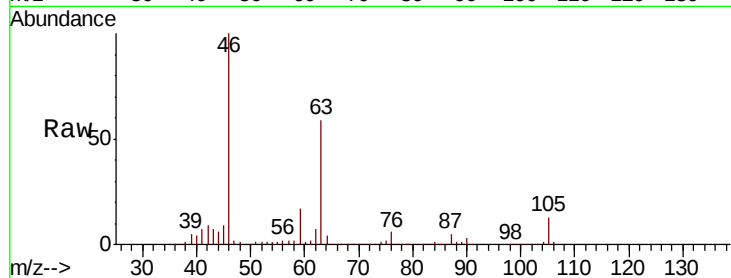




#48
2-Hexanone
Concen: 3.655 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU038976.D
Acq: 18 Jun 2020 17:37

Instrument :
MSVOA_U
ClientSampled :
F9L41

Tot Ion: 43 Resp: 40795
Ion Ratio Lower Upper
43 100
58 30.5 45.2 67.8#
57 29.4 16.1 24.1#
100 2.2 10.9 16.3#



#59
1,2,3-Trichloropropane
Concen: 0.971 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038976.D
Acq: 18 Jun 2020 17:37

Tgt Ion: 75 Resp: 16018
Ion Ratio Lower Upper
75 100
77 37.8 25.4 38.0

