

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039098.D
 Acq On : 25 Jun 2020 06:03
 Operator : SY/MD
 Sample : L3110-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F46

Quant Time: Jun 25 06:43:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 06:40:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252661	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	258088	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	107375	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90816	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.93	69	83964	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.59	63	135292	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	4.67	46	391130	58.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.16%
24) Chloroform-d	5.10	84	193238	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.74	65	122198	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.76	84	381206	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.72	67	128249	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.92	98	294574	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	8.20	79	49780	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.66	63	299822	55.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110708	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	114505	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

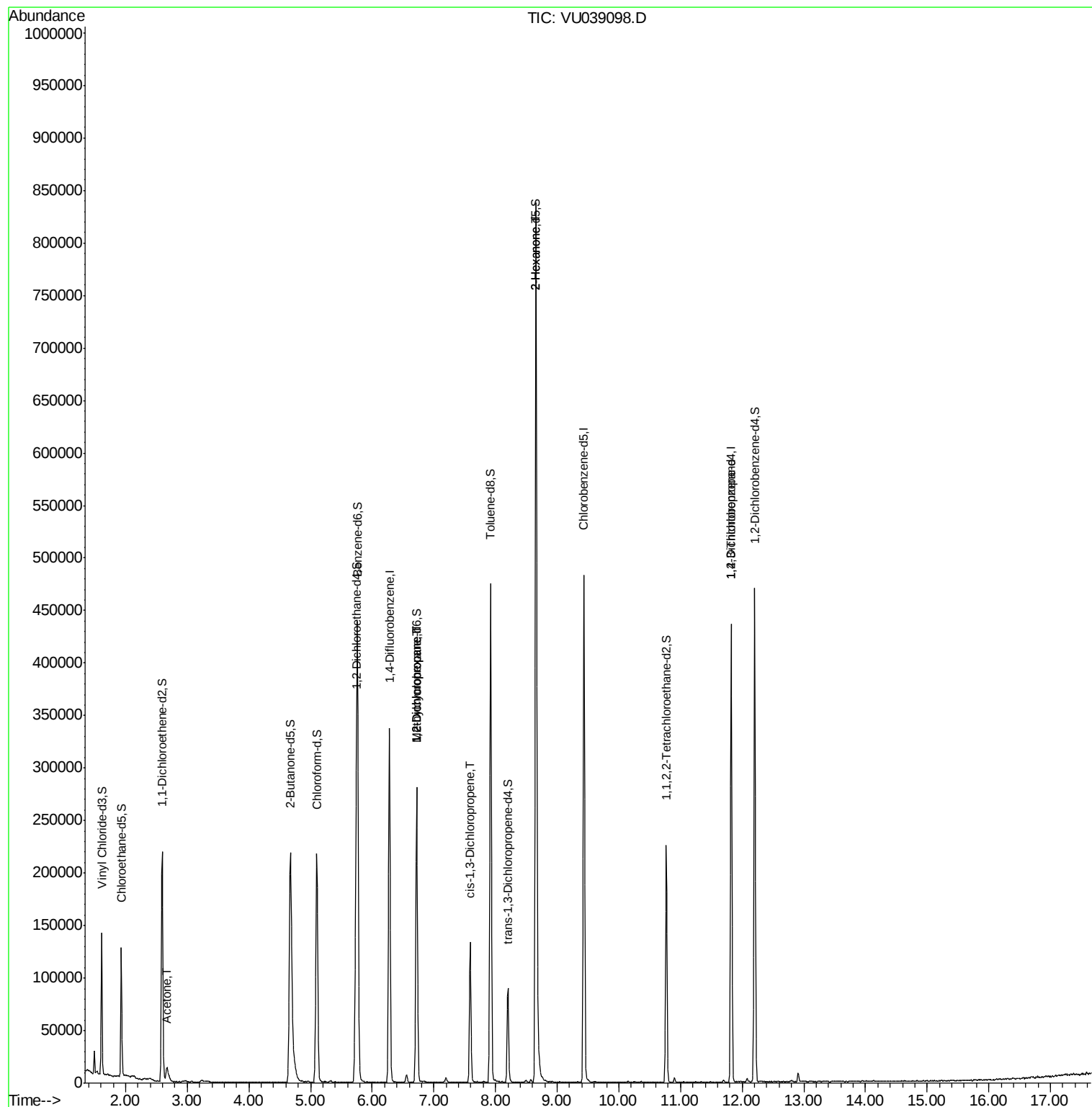
					Ovalue
13) Acetone	2.67	43	25875	5.706 ug/L	95
35) Methylcyclohexane	6.72	83	29805	1.024 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	14603	0.665 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3415	0.112 ug/L #	60
48) 2-Hexanone	8.66	43	39436	3.281 ug/L #	72
59) 1,2,3-Trichloropropane	11.82	75	14874	0.898 ug/L	95

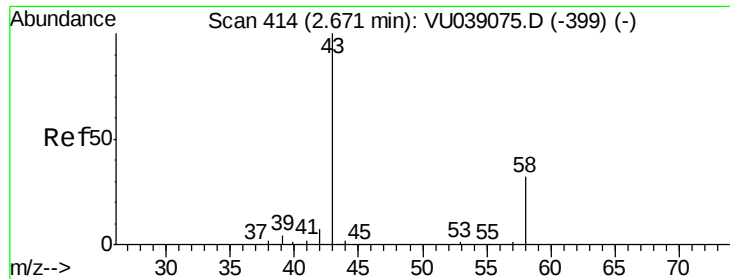
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.706 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU039098.D

Acq: 25 Jun 2020 06:03

Instrument :

MSVOA_U

ClientSampleId :

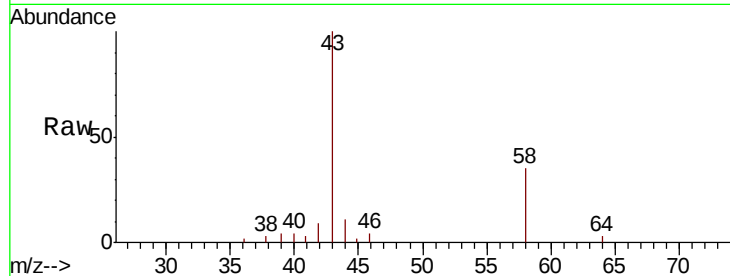
F9F46

Tot Ion: 43 Resp: 25875

Ion Ratio Lower Upper

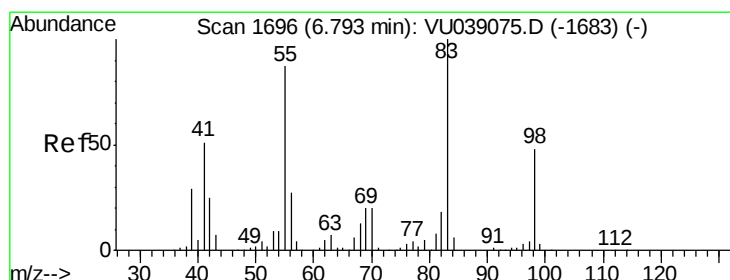
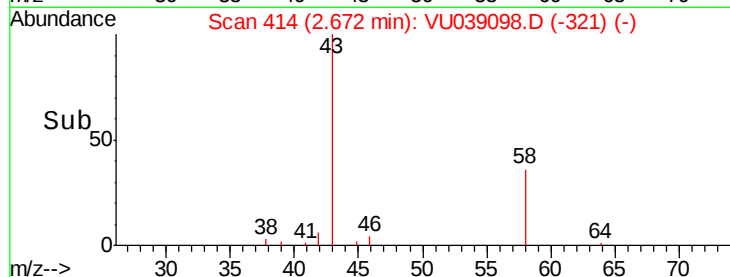
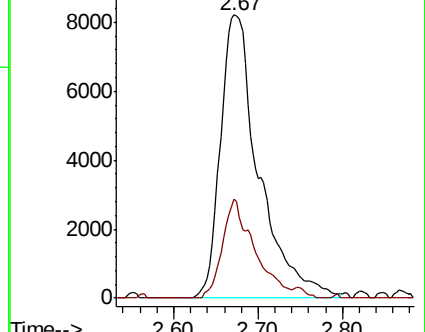
43 100

58 29.4 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU039075.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU039075.D (-399) (-)



#35

Methylcyclohexane

Concen: 1.024 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039098.D

Acq: 25 Jun 2020 06:03

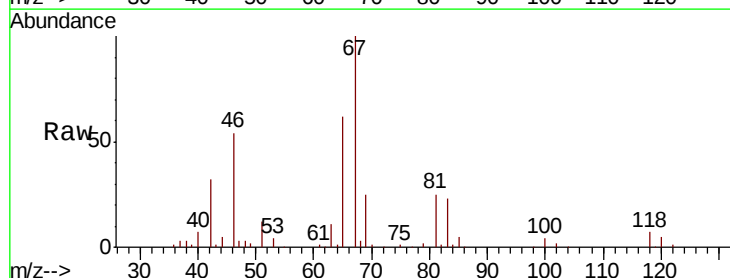
Tgt Ion: 83 Resp: 29805

Ion Ratio Lower Upper

83 100

55 0.8 65.5 98.3#

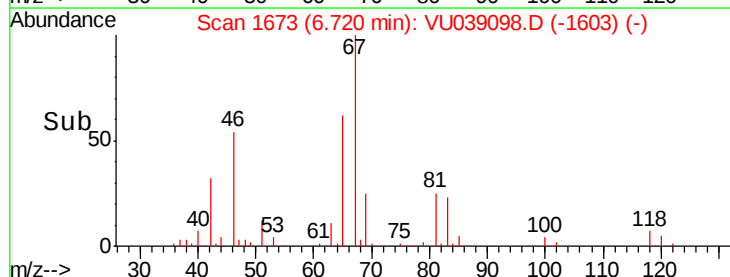
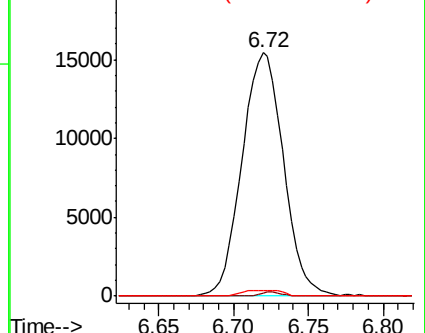
98 2.2 36.5 54.7#

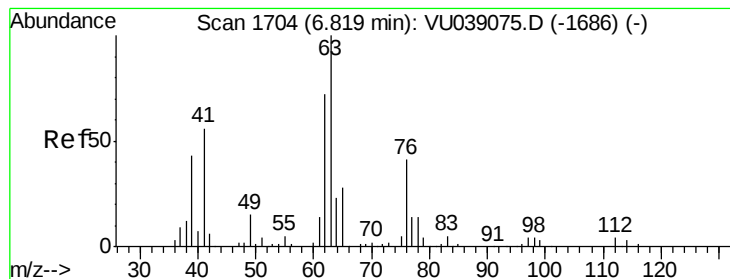


Abundance Ion 83.15 (82.85 to 83.85): VU039075.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU039075.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU039075.D (-1683) (-)





#37

1,2-Dichloropropane

Concen: 0.665 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039098.D

Acq: 25 Jun 2020 06:03

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MSVOA_U

ClientSampleId :

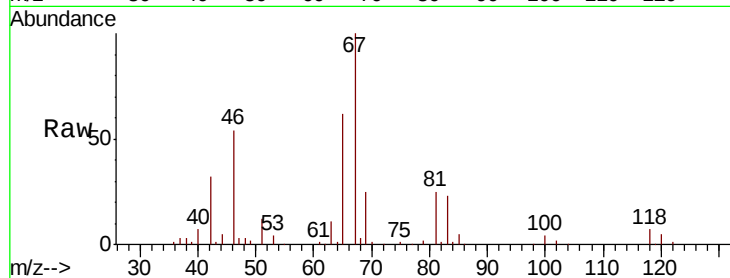
F9F46

Tot Ion: 63 Resp: 14603

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039075.D (-1686) (-)

Ion 112.10 (111.80 to 112.80): VU039075.D (-1686) (-)

8000

6000

4000

2000

0

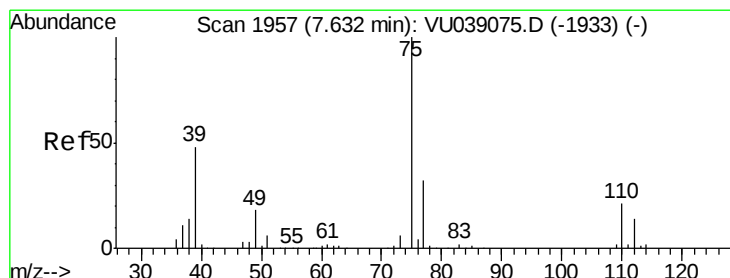
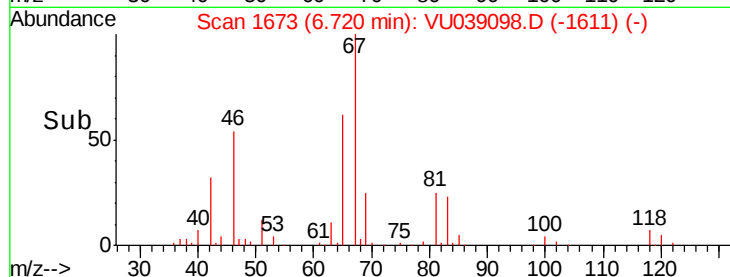
6.65

6.70

6.75

6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU039098.D

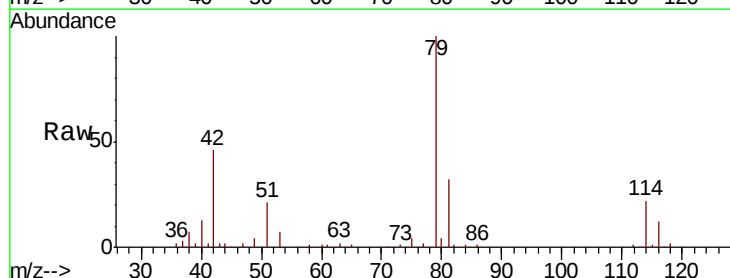
Acq: 25 Jun 2020 06:03

Tgt Ion: 75 Resp: 3415

Ion Ratio Lower Upper

75 100

77 52.5 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039075.D (-1933) (-)

Ion 77.05 (76.75 to 77.75): VU039075.D (-1933) (-)

2000

1500

1000

500

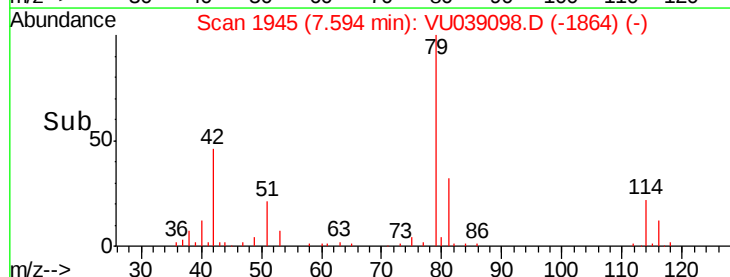
0

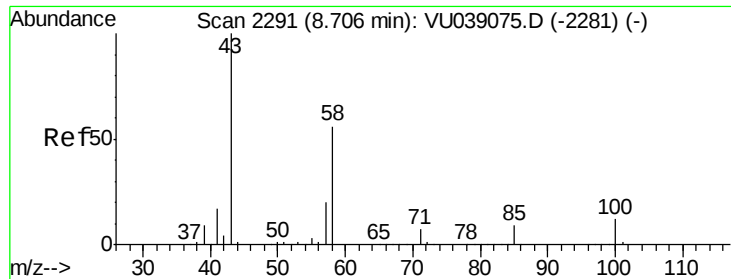
7.55

7.60

7.65

Time-->

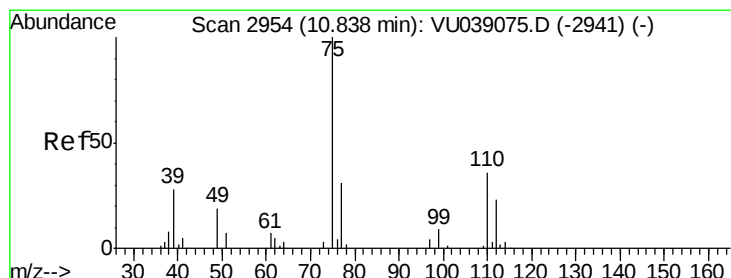
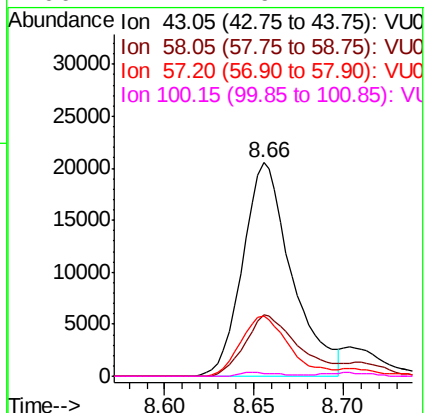
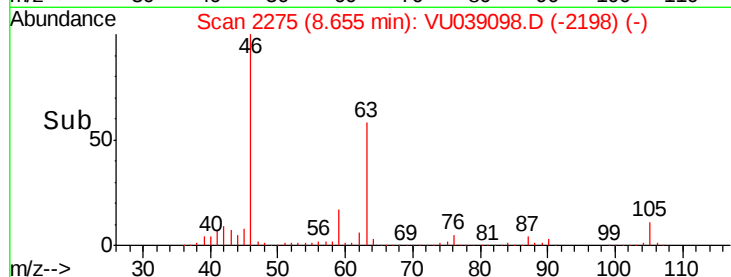
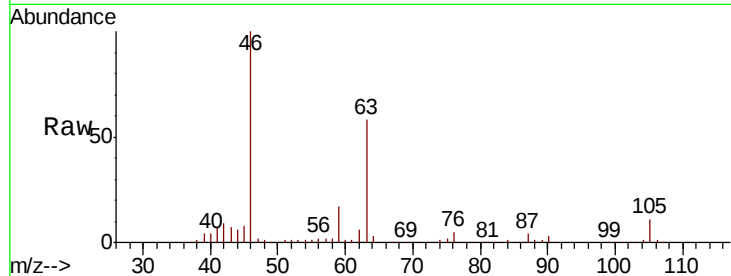




#48
2-Hexanone
Concen: 3.281 ug/L
RT: 8.66 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU039098.D
Acq: 25 Jun 2020 06:03

Instrument :
MSVOA_U
ClientSampleId :
F9F46

Tot Ion: 43 Resp: 39436
Ion Ratio Lower Upper
43 100
58 32.2 44.0 66.0#
57 27.8 15.0 22.6#
100 1.4 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.898 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU039098.D
Acq: 25 Jun 2020 06:03

Tgt Ion: 75 Resp: 14874
Ion Ratio Lower Upper
75 100
77 35.5 26.2 39.2

