

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037269.D
 Acq On : 14 Mar 2020 17:48
 Operator : JC/MD
 Sample : L1923-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONGO

Quant Time: Mar 16 05:19:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	117465	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	120865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	49336	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36071	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.93	69	31746	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.60%
11) 1,1-Dichloroethene-d2	2.59	63	52000	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.67	46	100812	51.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.20%
24) Chloroform-d	5.11	84	74252	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.74	65	46558	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.76	84	137769	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.72	67	43968	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.93	98	123545	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.21	79	17006	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.66	63	77739	48.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.28%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	36961	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	44764	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

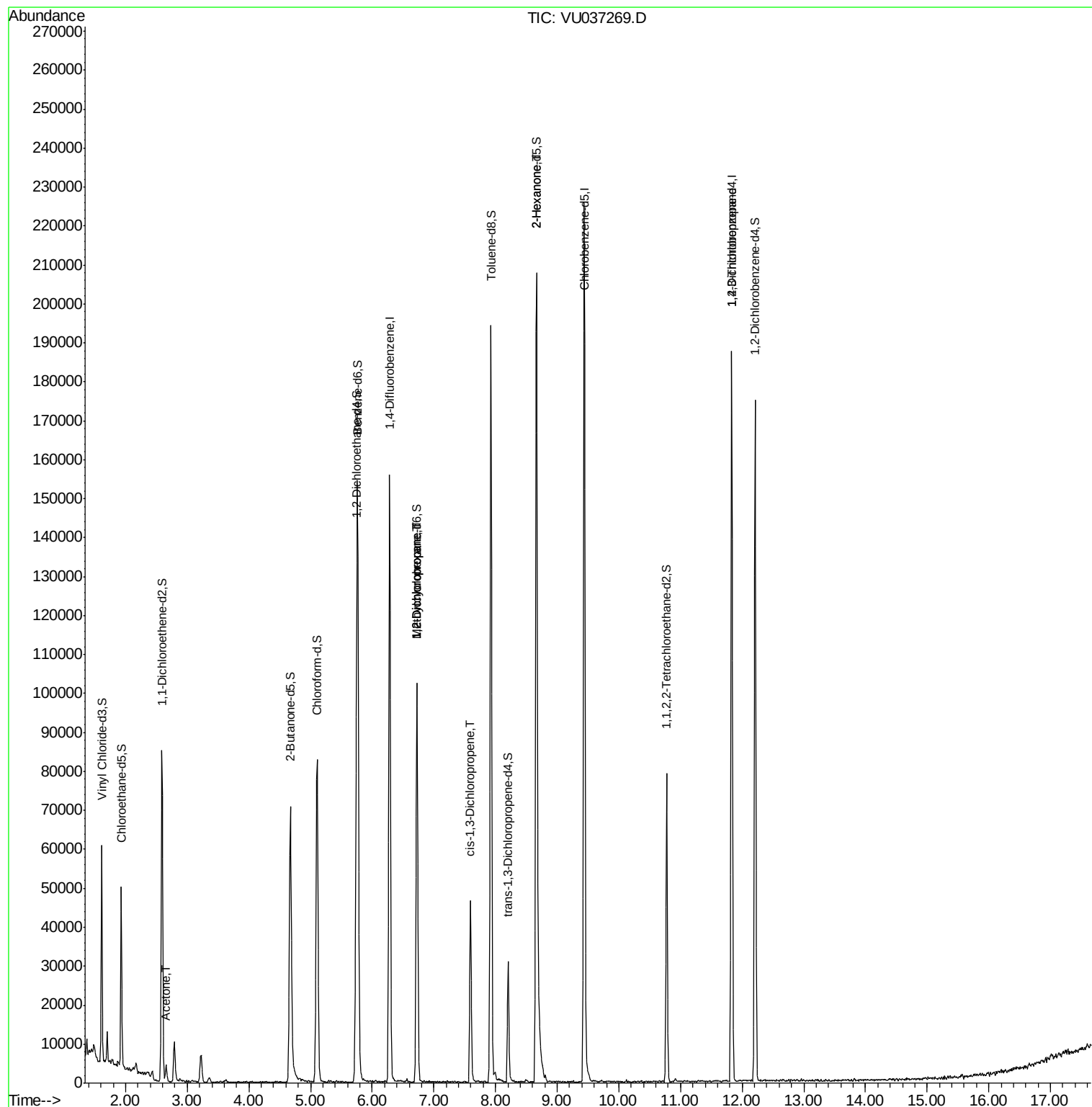
					Ovalue
13) Acetone	2.66	43	4726	2.923 ug/L	94
35) Methylcyclohexane	6.73	83	10688	0.716 ug/L #	15
37) 1,2-Dichloropropane	6.73	63	5607	0.596 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1371	0.102 ug/L	85
48) 2-Hexanone	8.66	43	10642	2.294 ug/L #	70
59) 1,2,3-Trichloropropane	11.83	75	6373	0.947 ug/L	100

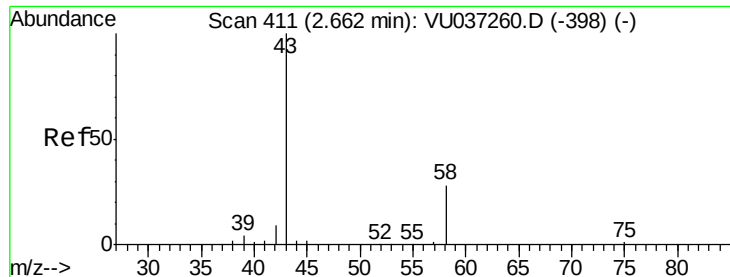
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.923 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU037269.D

Acq: 14 Mar 2020 17:48

Instrument :

MSVOA_U

ClientSampled :

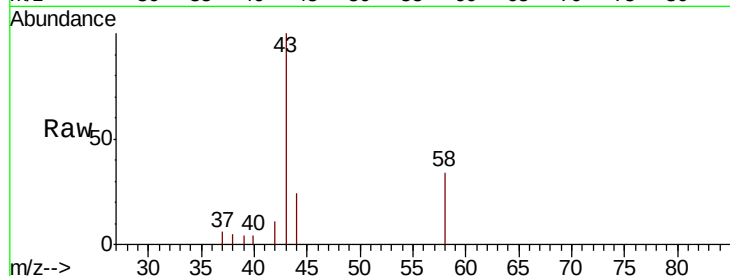
CONGO

Tot Ion: 43 Resp: 4726

Ion Ratio Lower Upper

43 100

58 29.4 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037269.D (-318) (-)

Ion 58.05 (57.75 to 58.75): VU037269.D (-318) (-)

2.66

2500

2000

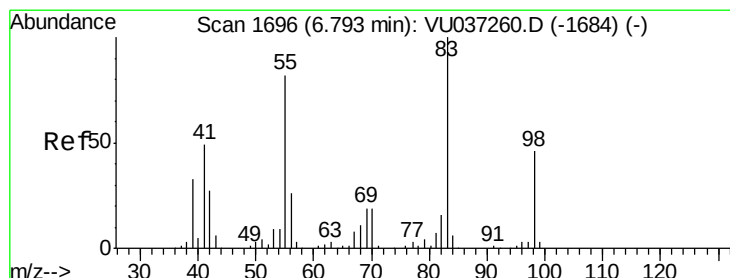
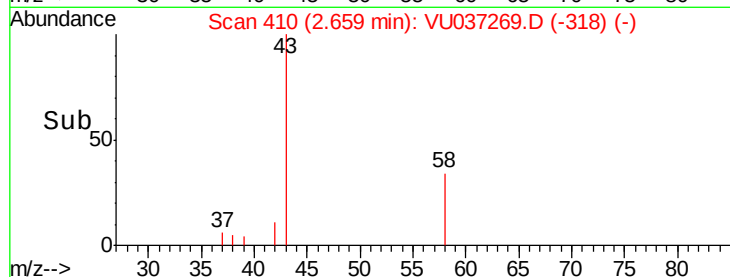
1500

1000

500

0

Time-->



#35

Methylcyclohexane

Concen: 0.716 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU037269.D

Acq: 14 Mar 2020 17:48

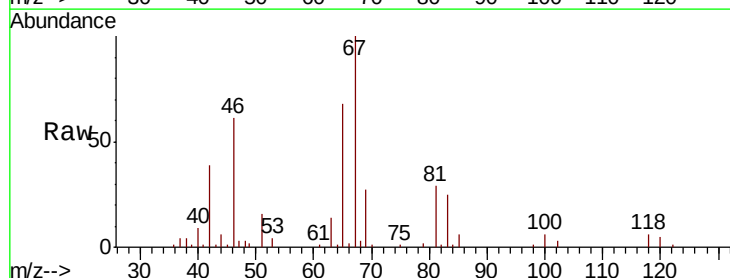
Tgt Ion: 83 Resp: 10688

Ion Ratio Lower Upper

83 100

55 0.0 68.1 102.1#

98 0.7 37.0 55.4#



Abundance Ion 83.15 (82.85 to 83.85): VU037269.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU037269.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU037269.D (-1603) (-)

6.73

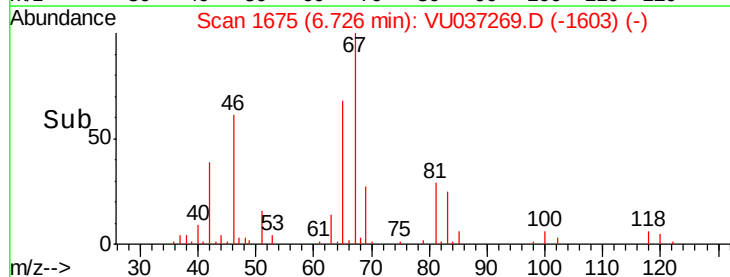
6000

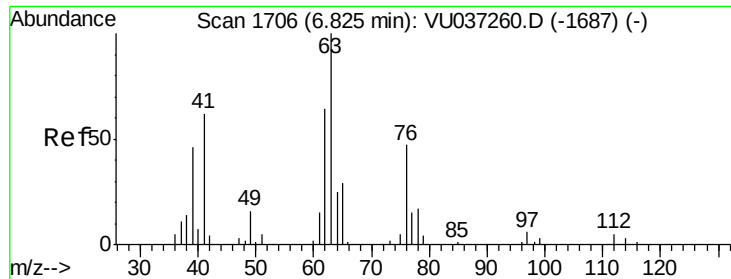
4000

2000

0

Time-->

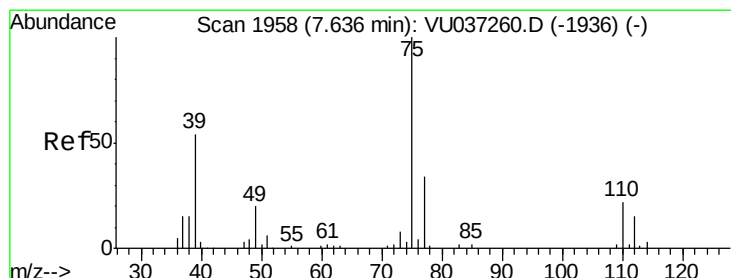
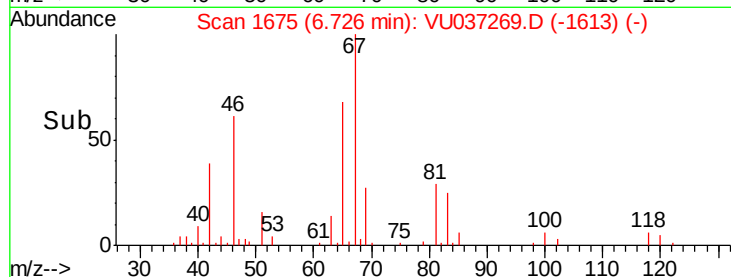
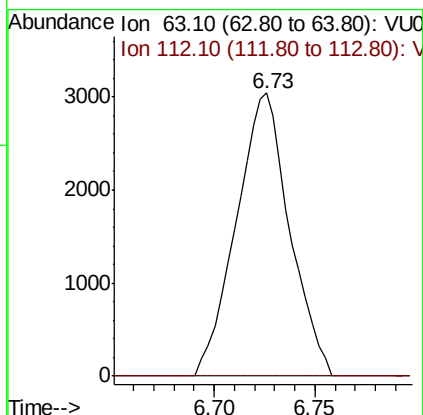
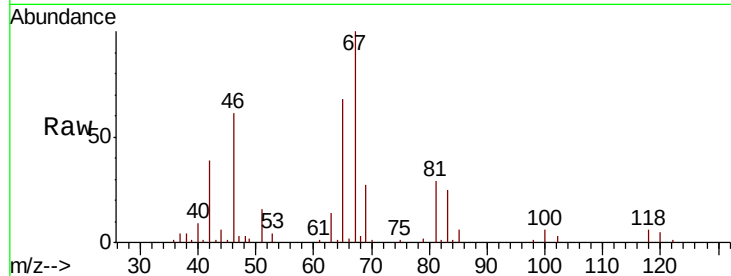




#37
 1,2-Dichloropropane
 Concen: 0.596 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037269.D
 Acq: 14 Mar 2020 17:48

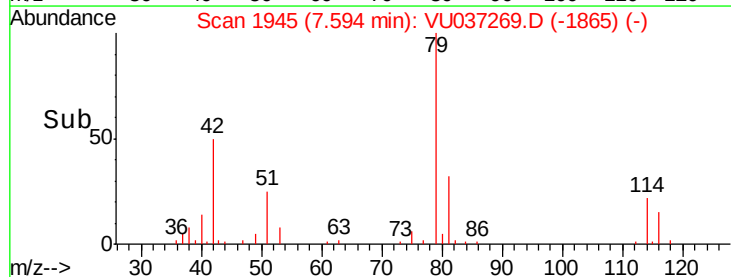
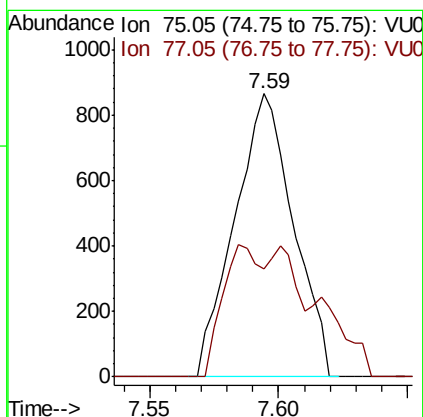
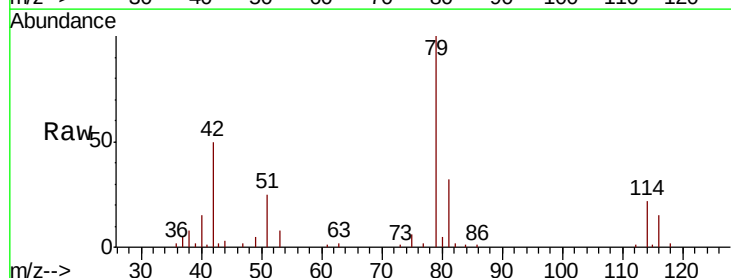
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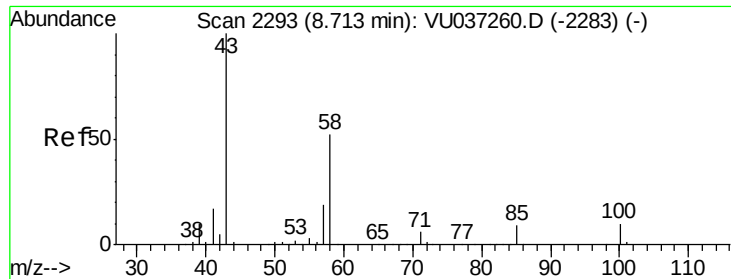
Tot Ion: 63 Resp: 5607
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037269.D
 Acq: 14 Mar 2020 17:48

Tgt Ion: 75 Resp: 1371
 Ion Ratio Lower Upper
 75 100
 77 38.0 21.1 39.1

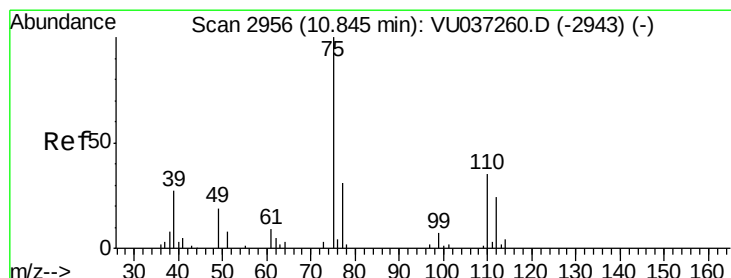
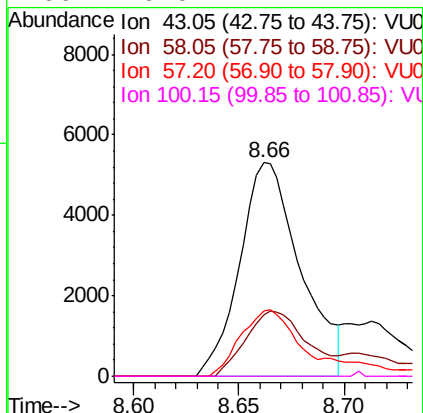
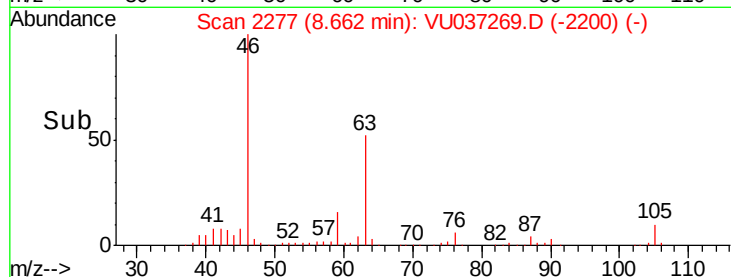
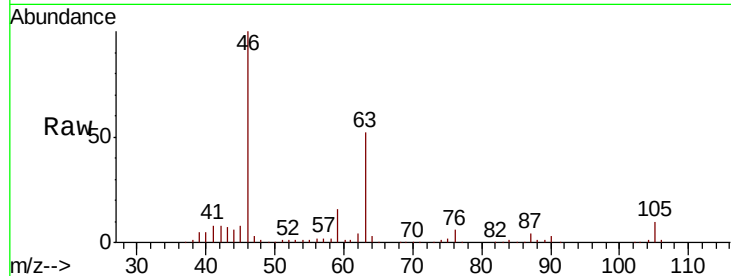




#48
2-Hexanone
Concen: 2.294 ug/L
RT: 8.66 min Scan# 2277
Delta R.T. -0.05 min
Lab File: VU037269.D
Acq: 14 Mar 2020 17:48

Instrument :
MSVOA_U
ClientSampleId :
C0NG0

Tot Ion	Ratio	Lower	Upper
43	100		
58	31.0	38.6	58.0#
57	35.6	13.6	20.4#
100	0.0	7.4	11.2#



#59
1,2,3-Trichloropropane
Concen: 0.947 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.99 min
Lab File: VU037269.D
Acq: 14 Mar 2020 17:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.2	27.4	41.0

