

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
 Data File : VU037007.D
 Acq On : 02 Mar 2020 18:21
 Operator : JC/MD
 Sample : L1729-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 03 03:25:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 03 03:21:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	272872	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	262404	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	97536	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81186	35.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.86%
7) Chloroethane-d5	1.93	69	79486	41.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.84%
11) 1,1-Dichloroethene-d2	2.59	63	112453	29.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.60%#
21) 2-Butanone-d5	4.67	46	162025	105.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.41%
24) Chloroform-d	5.11	84	166231	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.74	65	114072	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
32) Benzene-d6	5.76	84	352063	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.73	67	117295	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.42%
41) Toluene-d8	7.92	98	318698	45.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.54%
43) trans-1,3-Dichloropropene-	8.20	79	50337	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.12%
47) 2-Hexanone-d5	8.66	63	113266	94.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.23%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	167097	48.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.42%
64) 1,2-Dichlorobenzene-d4	12.21	152	98981	51.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.82%

Target Compounds

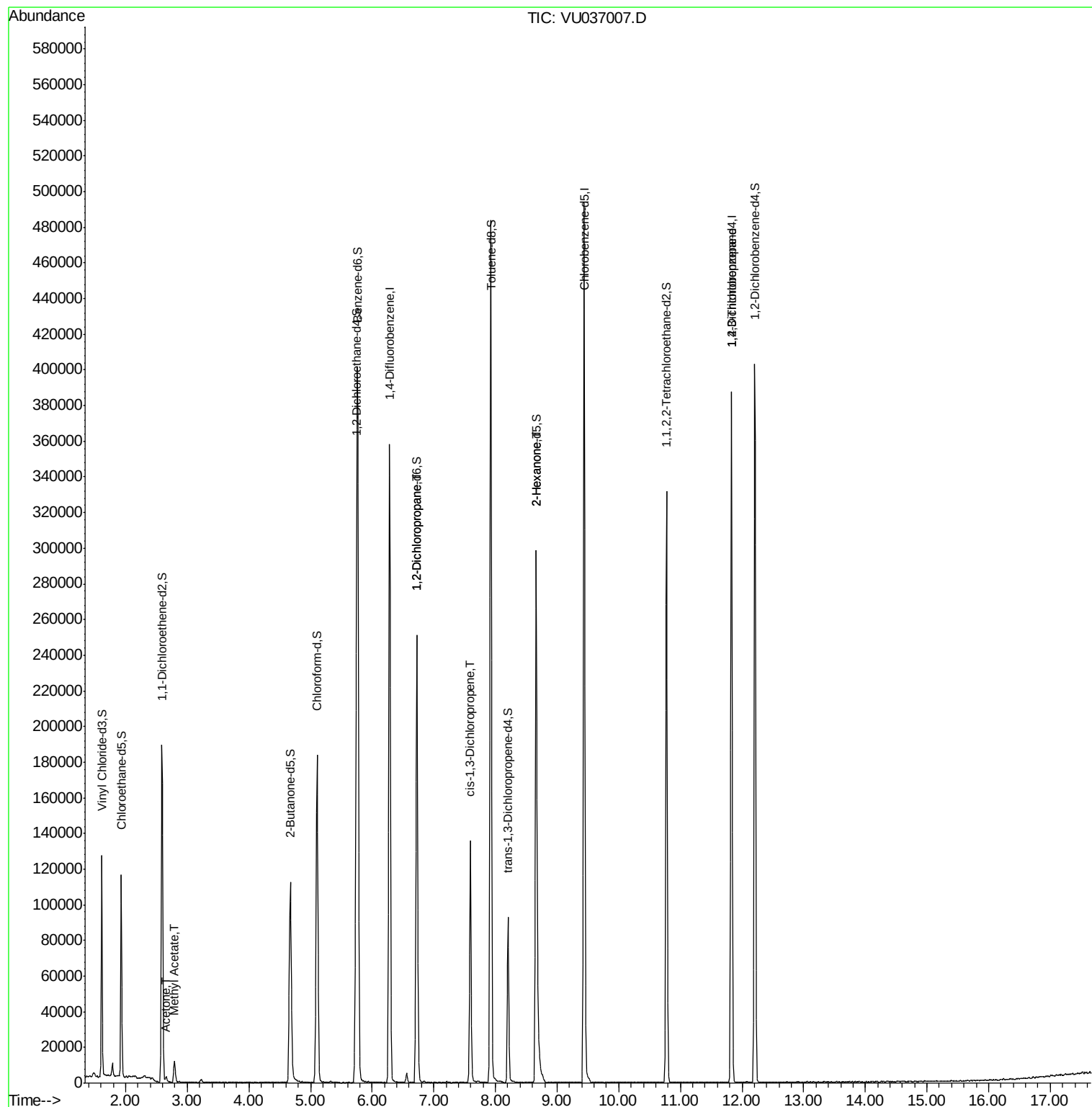
					Ovalue
13) Acetone	2.66	43	3262	2.063 ug/L	99
15) Methyl Acetate	2.79	43	3359	1.394 ug/L #	52
37) 1,2-Dichloropropane	6.73	63	13236	5.930 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3176	0.924 ug/L #	56
48) 2-Hexanone	8.66	43	13874	5.286 ug/L #	74
59) 1,2,3-Trichloropropane	11.83	75	14356	5.000 ug/L	92

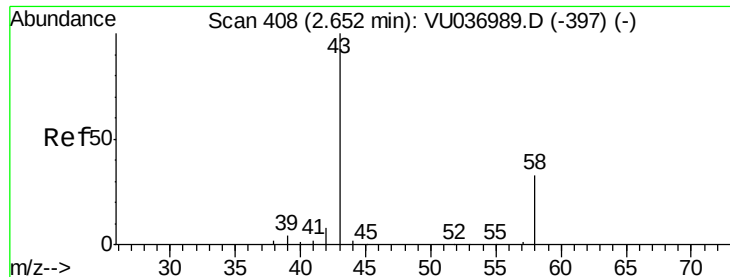
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.063 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037007.D

Acq: 02 Mar 2020 18:21

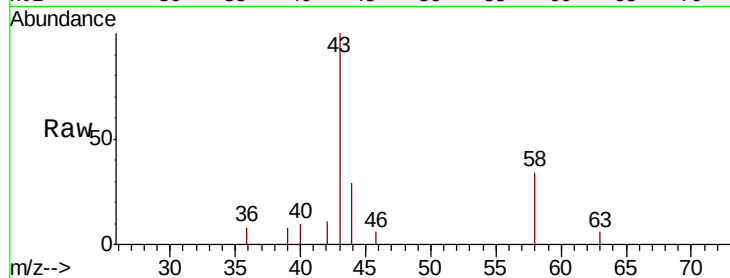
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 3262

Ion Ratio Lower Upper

43 100

58 32.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036989.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU036989.D (-397) (-)

2000

1500

1000

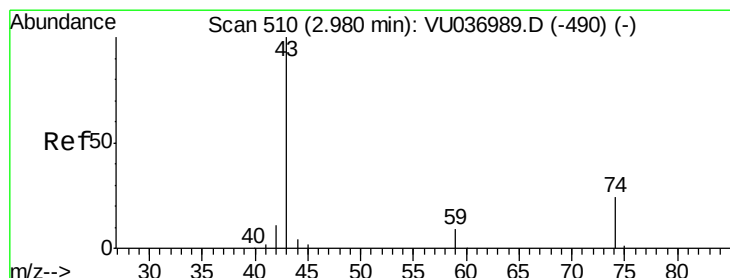
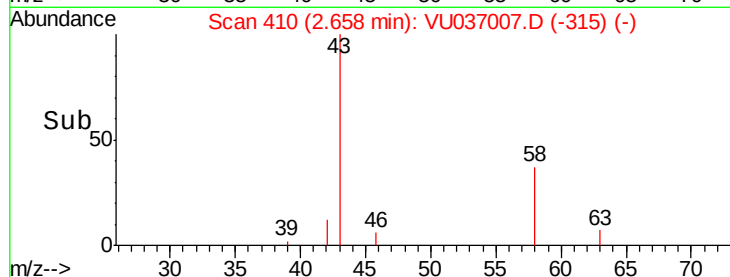
500

0

Time-->

2.60 2.65 2.70

2.66



#15

Methyl Acetate

Concen: 1.394 ug/L

RT: 2.79 min Scan# 451

Delta R.T. -0.19 min

Lab File: VU037007.D

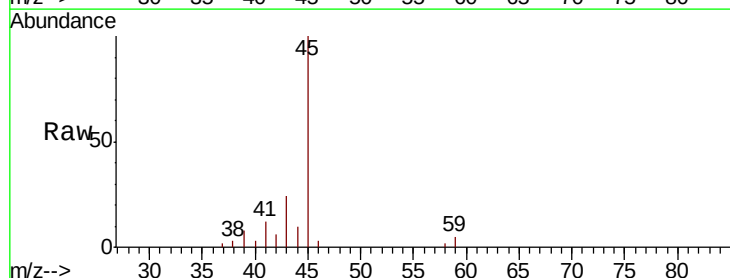
Acq: 02 Mar 2020 18:21

Tgt Ion: 43 Resp: 3359

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VU036989.D (-490) (-)

Ion 74.00 (73.70 to 74.70): VU036989.D (-490) (-)

2000

1500

1000

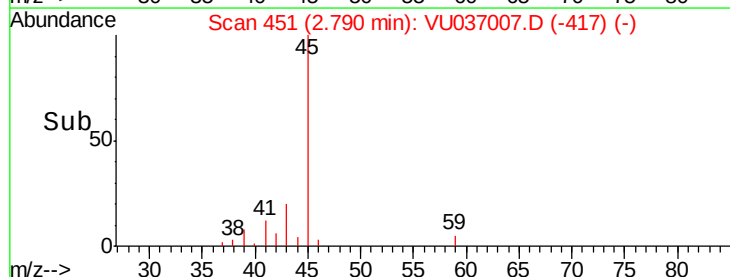
500

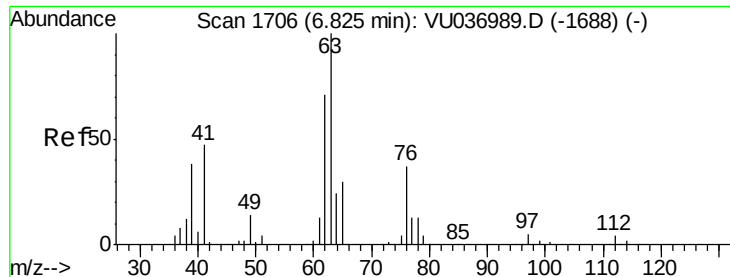
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Time-->

2.75 2.80 2.85

2.79

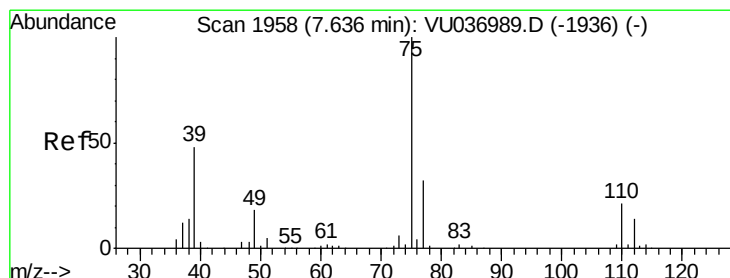
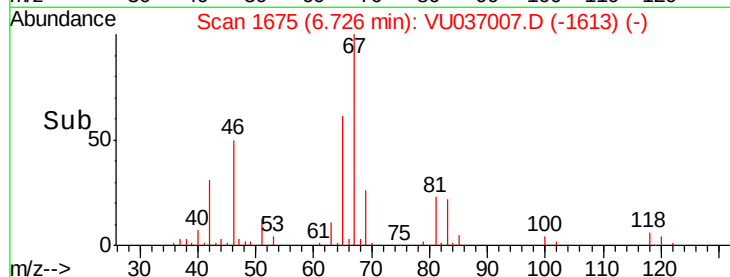
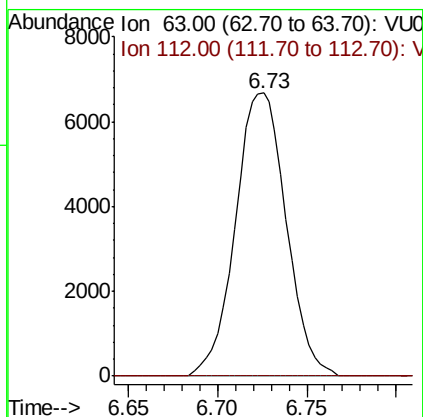
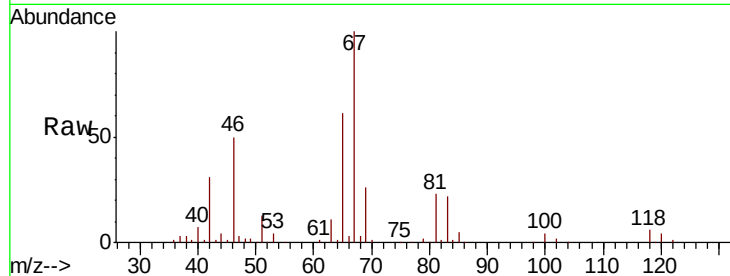




#37
 1,2-Dichloropropane
 Concen: 5.930 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037007.D
 Acq: 02 Mar 2020 18:21

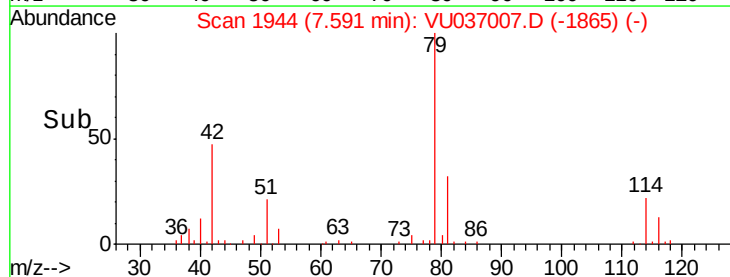
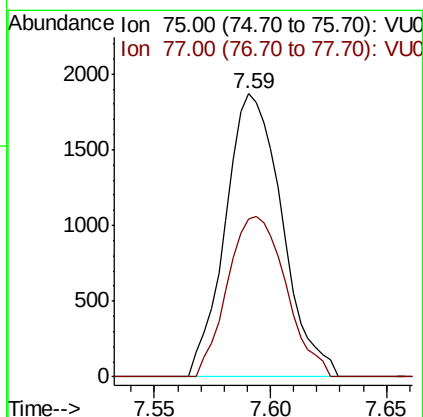
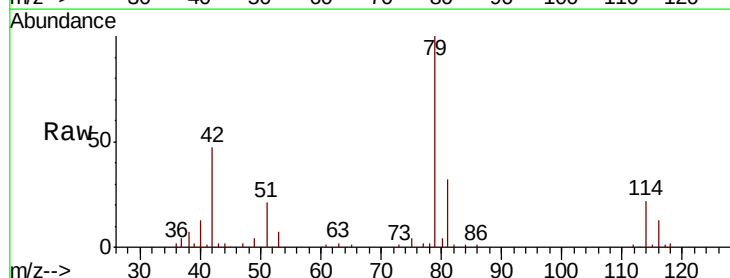
Instrument :
 MSVOA_U
 ClientSampleId :

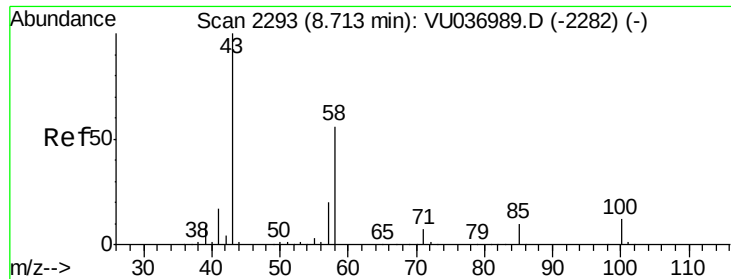
Tot Ion: 63 Resp: 13236
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.924 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037007.D
 Acq: 02 Mar 2020 18:21

Tgt Ion: 75 Resp: 3176
 Ion Ratio Lower Upper
 75 100
 77 55.7 22.0 41.0#

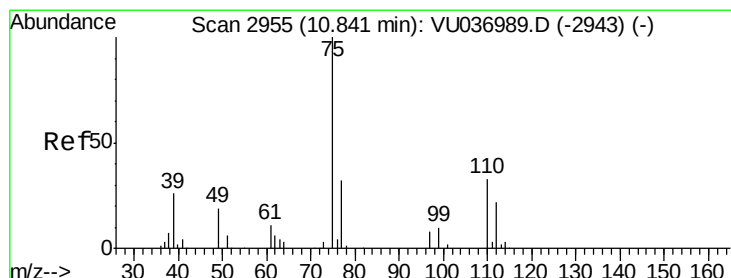
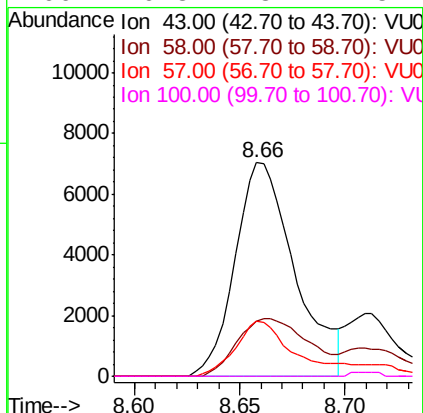
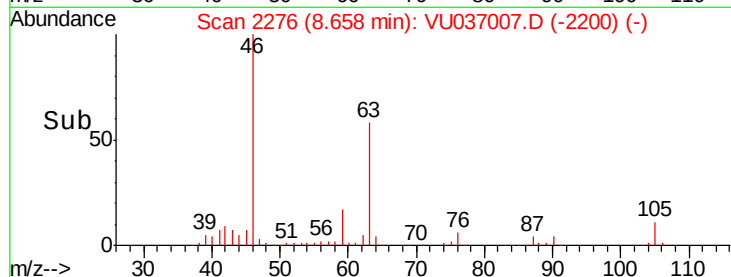
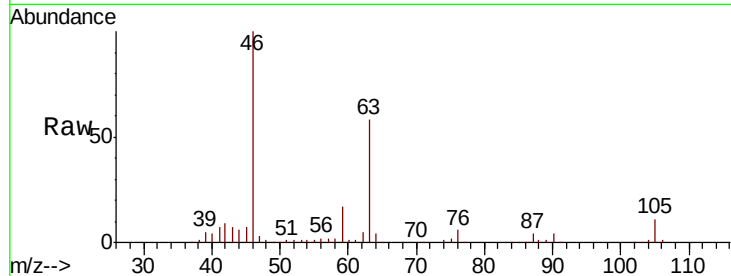




#48
2-Hexanone
Concen: 5.286 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU037007.D
Acq: 02 Mar 2020 18:21

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 13874
Ion Ratio Lower Upper
43 100
58 31.6 43.5 65.3#
57 23.4 15.1 22.7#
100 0.3 8.7 13.1#



#59
1,2,3-Trichloropropane
Concen: 5.000 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.99 min
Lab File: VU037007.D
Acq: 02 Mar 2020 18:21

Tgt Ion: 75 Resp: 14356
Ion Ratio Lower Upper
75 100
77 37.3 26.2 39.2

