

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\
 Data File : VU039242.D
 Acq On : 30 Jun 2020 19:43
 Operator : SY/MD
 Sample : L3116-02RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 01:54:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 01:40:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	234044	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	237156	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	112602	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	77430	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.93	69	63816	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.59	63	105665	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.67	46	190174	29.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.14%
24) Chloroform-d	5.10	84	127013	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.60%
26) 1,2-Dichloroethane-d4	5.74	65	78213	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
32) Benzene-d6	5.76	84	242593	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.72	67	81089	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.60%
41) Toluene-d8	7.92	98	200222	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.20	79	33137	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.66	63	127682	27.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	54.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	59913	3.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	60.00%#
64) 1,2-Dichlorobenzene-d4	12.21	152	82868	4.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.20%

Target Compounds

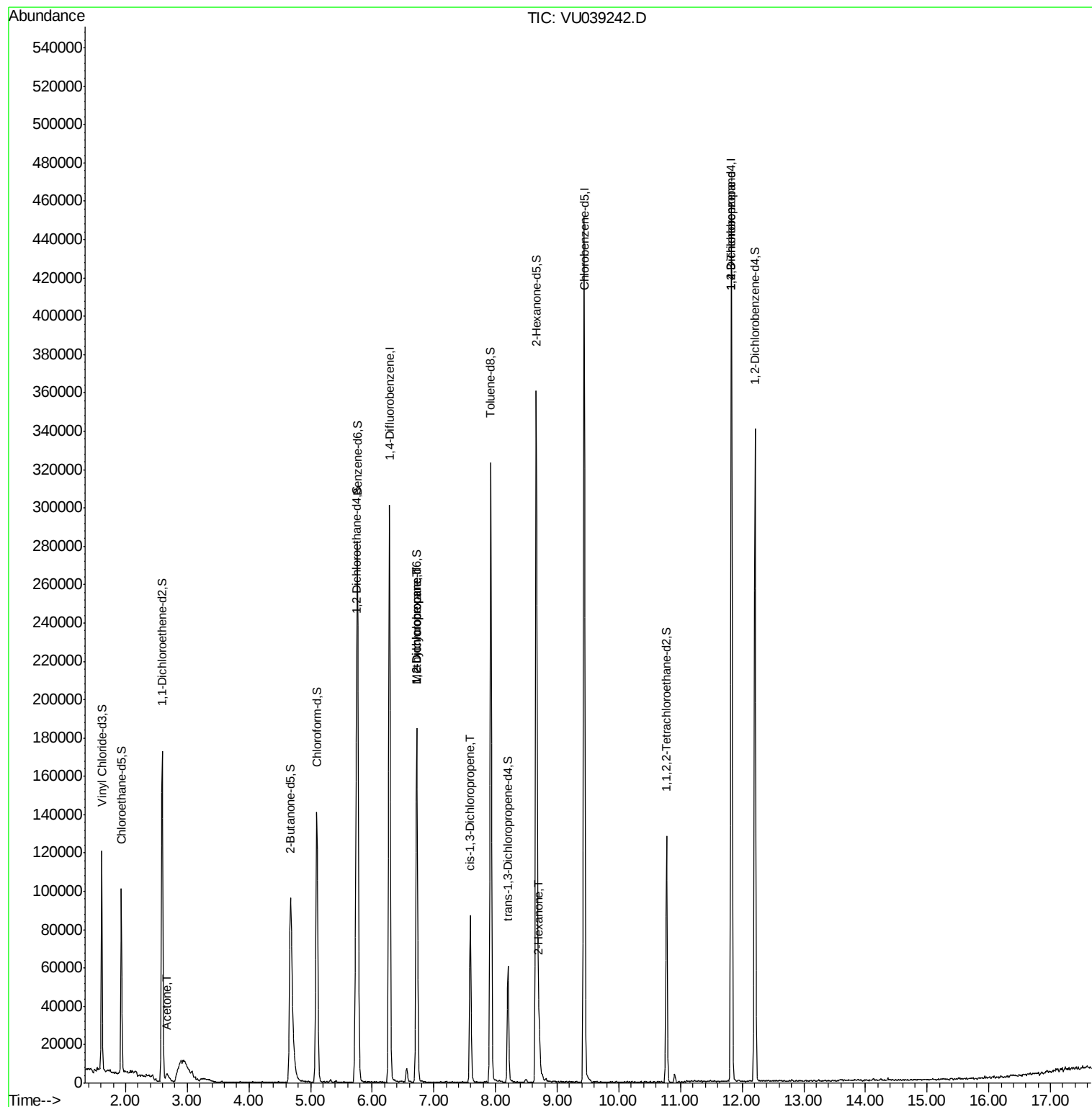
					Ovalue
13) Acetone	2.68	43	7846	1.967	ug/L 74
35) Methylcyclohexane	6.72	83	19523	0.714	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	9646	0.513	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	2106	0.079	ug/L # 57
48) 2-Hexanone	8.71	43	11541	1.061	ug/L # 87
59) 1,2,3-Trichloropropane	11.83	75	17143	1.178	ug/L 92

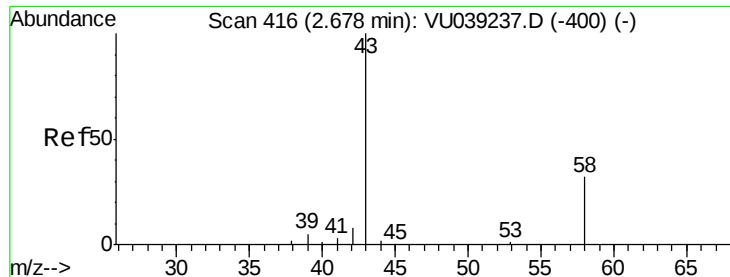
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.967 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.00 min

Lab File: VU039242.D

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Instrument :

MSVOA_U

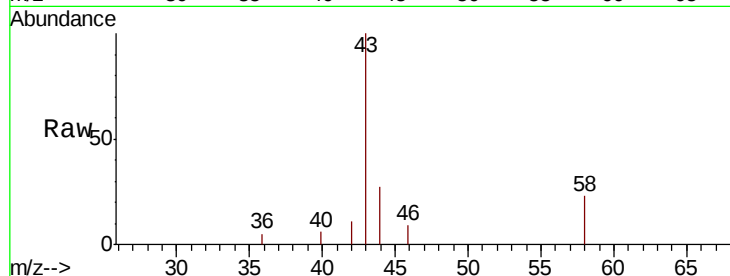
ClientSampled :

Tot Ion: 43 Resp: 7846

Ion Ratio Lower Upper

43 100

58 16.1 0.0 61.0



Abundance Ion 43.05 (42.75 to 43.75): VU039237.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU039237.D (-400) (-)

2500

2000

1500

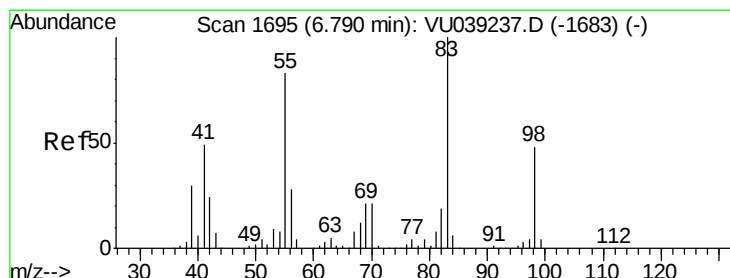
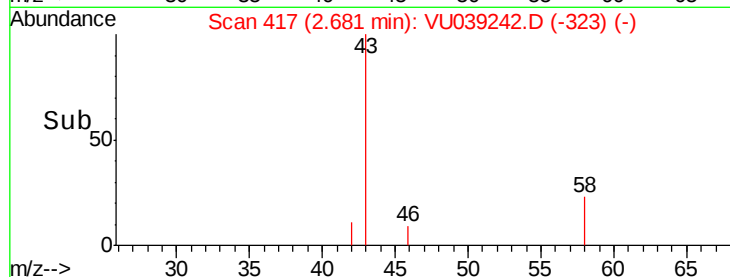
1000

500

0

Time-->

2.60 2.65 2.70 2.75



#35

Methylcyclohexane

Concen: 0.714 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU039242.D

Acq: 30 Jun 2020 19:43

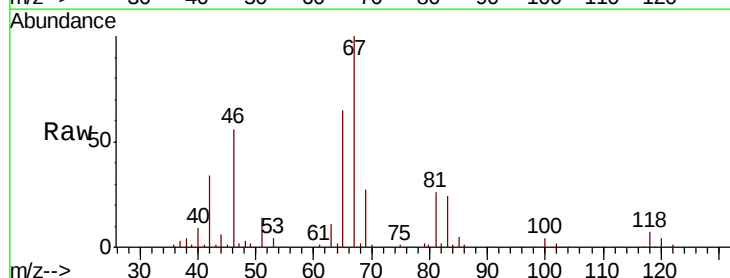
Tgt Ion: 83 Resp: 19523

Ion Ratio Lower Upper

83 100

55 0.0 64.4 96.6#

98 0.8 37.9 56.9#



Abundance Ion 83.15 (82.85 to 83.85): VU039237.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU039237.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU039237.D (-1683) (-)

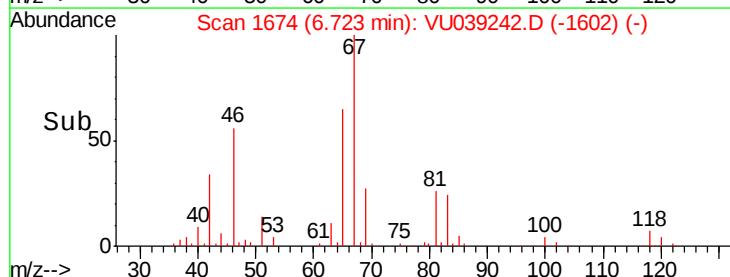
10000

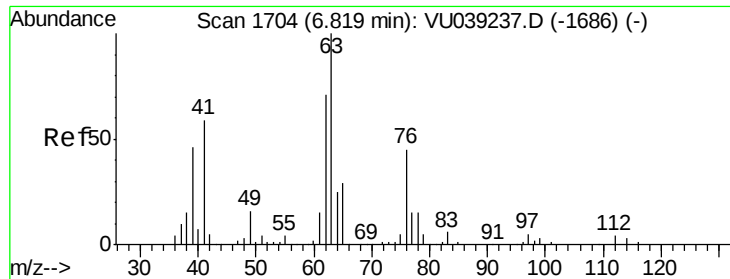
5000

0

Time-->

6.65 6.70 6.75 6.80

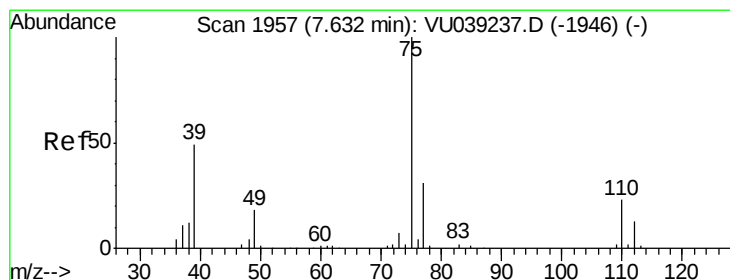
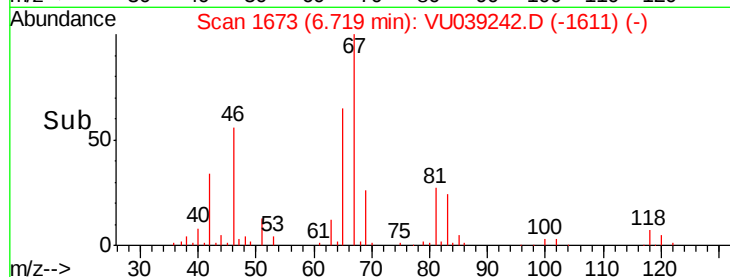
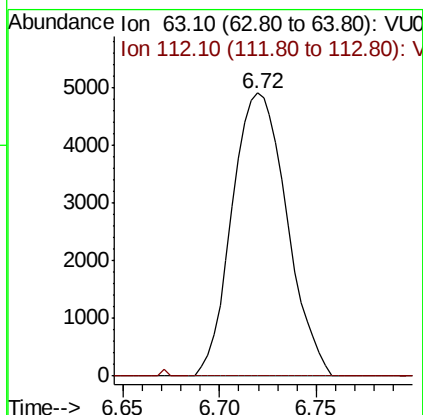
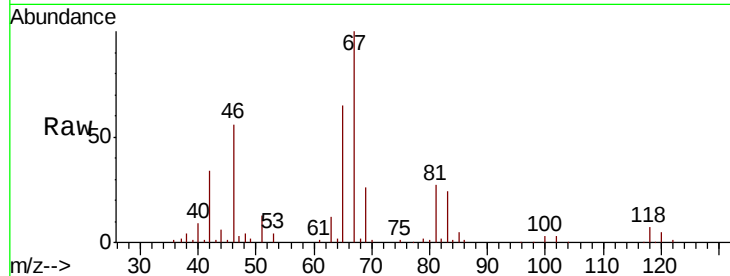




#37
 1,2-Dichloropropane
 Concen: 0.513 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039242.D
 Acq: 30 Jun 2020 19:43

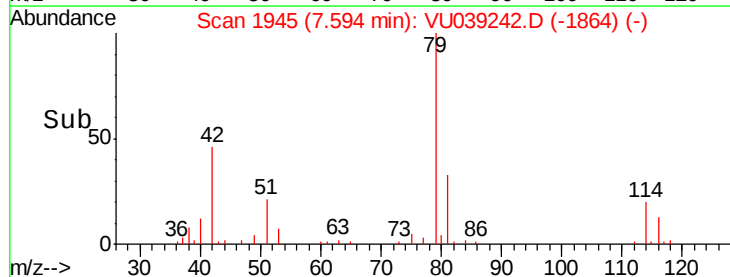
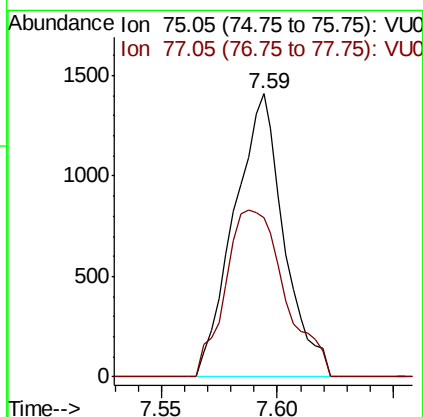
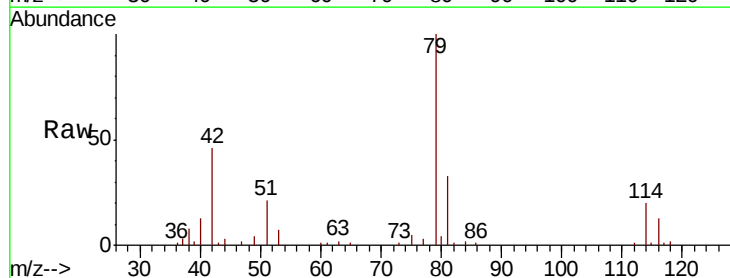
Instrument :
 MSVOA_U
 ClientSampled :

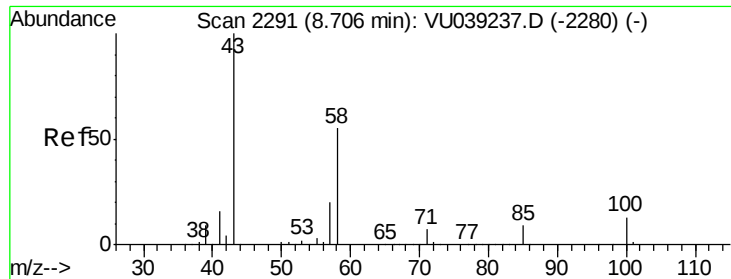
Tot Ion: 63 Resp: 9646
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU039242.D
 Acq: 30 Jun 2020 19:43

Tgt Ion: 75 Resp: 2106
 Ion Ratio Lower Upper
 75 100
 77 56.2 22.5 41.7#

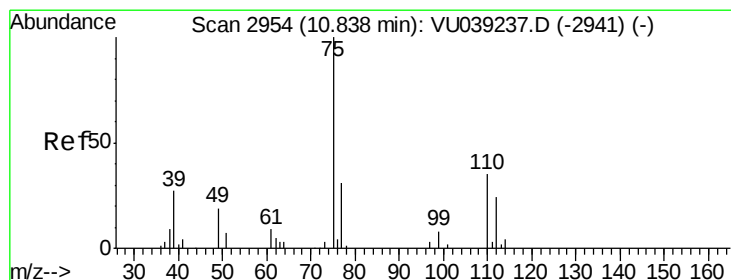
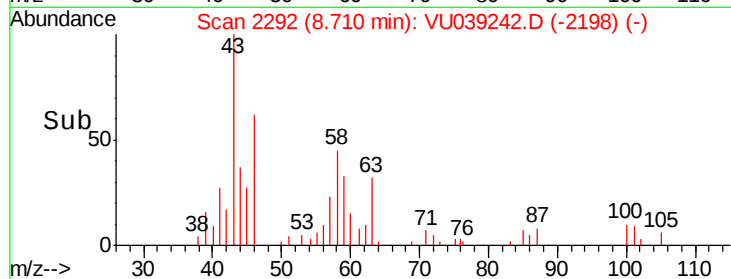
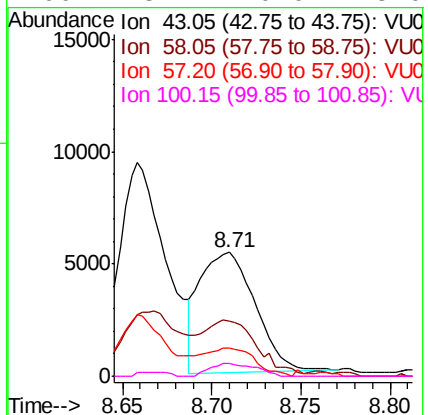
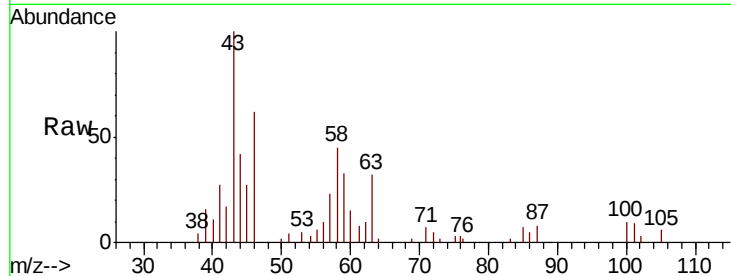




#48
2-Hexanone
Concen: 1.061 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU039242.D
Acq: 30 Jun 2020 19:43

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 11541
Ion Ratio Lower Upper
43 100
58 41.7 43.6 65.4#
57 21.2 15.5 23.3
100 8.7 10.0 15.0#



#59
1,2,3-Trichloropropane
Concen: 1.178 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.99 min
Lab File: VU039242.D
Acq: 30 Jun 2020 19:43

Tgt Ion: 75 Resp: 17143
Ion Ratio Lower Upper
75 100
77 35.0 24.6 36.8

