

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016718.D
 Acq On : 09 Jun 2020 15:39
 Operator : SY/MD
 Sample : L2901-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTT3

Quant Time: Jun 10 00:39:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:34:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	368139	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	349956	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167171	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90182	34.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.44%
7) Chloroethane-d5	1.56	69	68812	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.30%
11) 1,1-Dichloroethene-d2	2.12	63	131937	30.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.50%
21) 2-Butanone-d5	3.89	46	188189	97.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.88%
24) Chloroform-d	4.37	84	225841	42.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.52%
26) 1,2-Dichloroethane-d4	5.05	65	163460	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
32) Benzene-d6	5.07	84	436433	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.52%
36) 1,2-Dichloropropane-d6	6.09	67	139321	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.62%
41) Toluene-d8	7.34	98	392207	42.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.74%
43) trans-1,3-Dichloropropene-	7.64	79	66536	40.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.26%
47) 2-Hexanone-d5	8.11	63	123221	89.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190965	45.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	170049	47.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.34%

Target Compounds

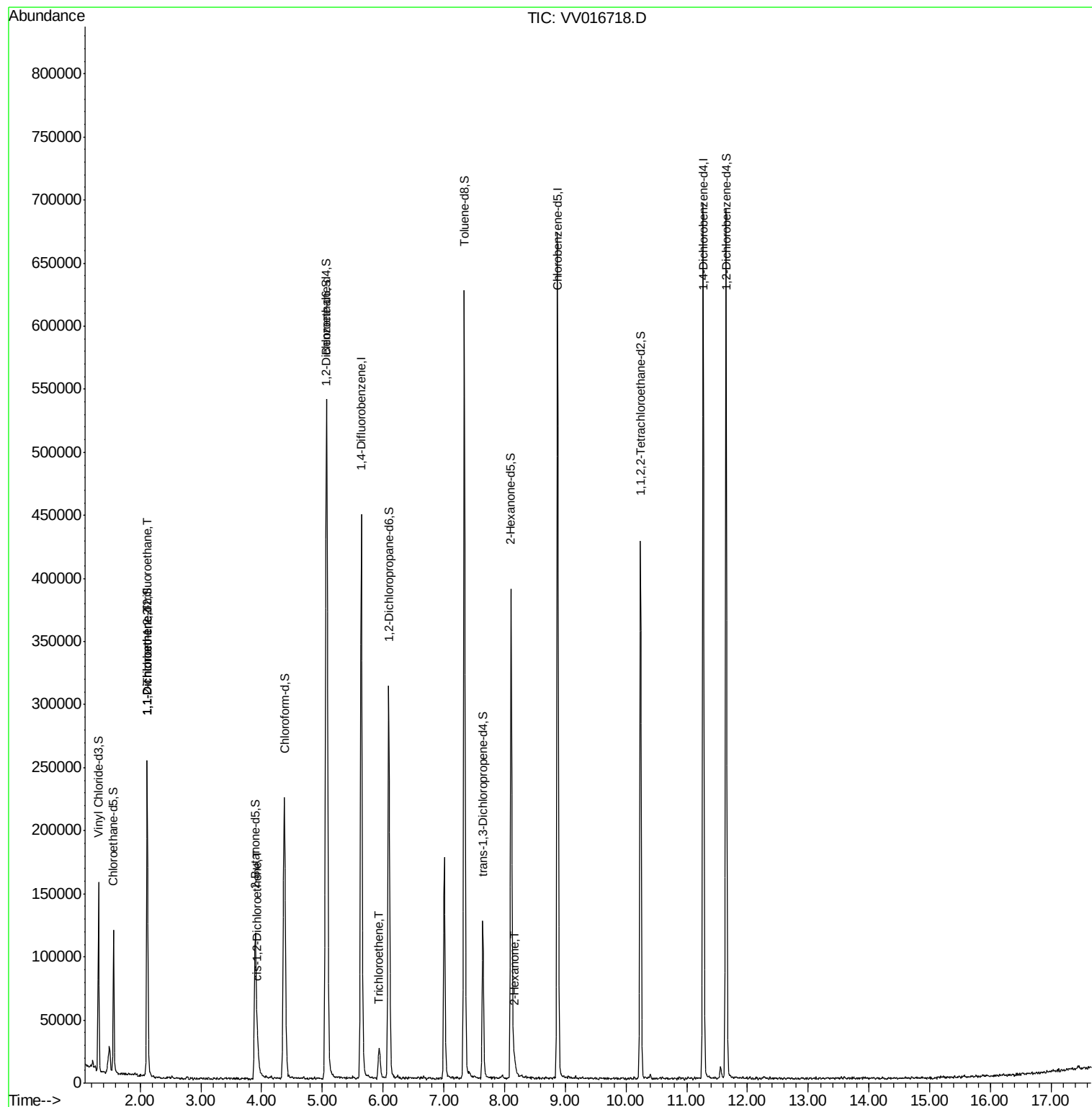
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1415	0.723 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1291	0.707 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	5036	1.854 ug/L	97
34) Trichloroethene	5.94	95	6169	2.222 ug/L	91
48) 2-Hexanone	8.16	43	8335	2.817 ug/L #	43

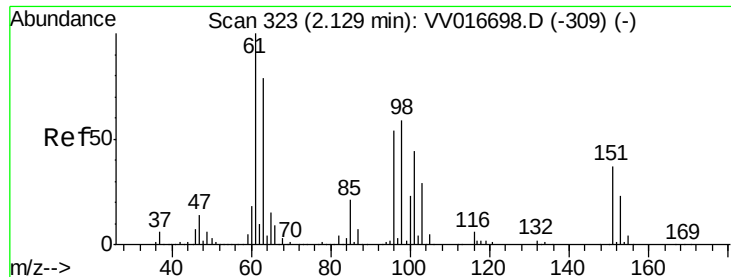
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jun 10 00:34:30 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.723 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016718.D

Acq: 09 Jun 2020 15:39

Instrument :

MSVOA_V

ClientSampled :

ETTT3

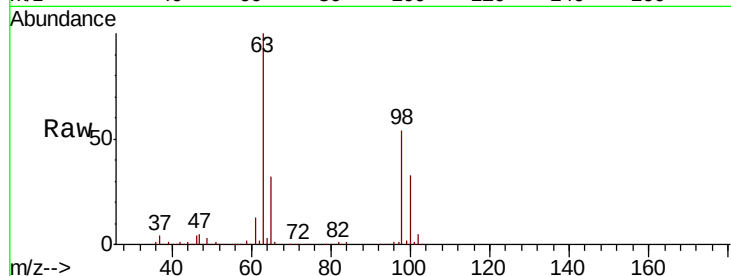
Tot Ion:101 Resp: 1415

Ion Ratio Lower Upper

101 100

85 2.9 35.5 53.3#

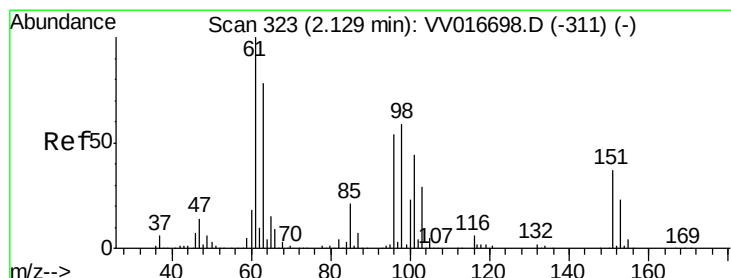
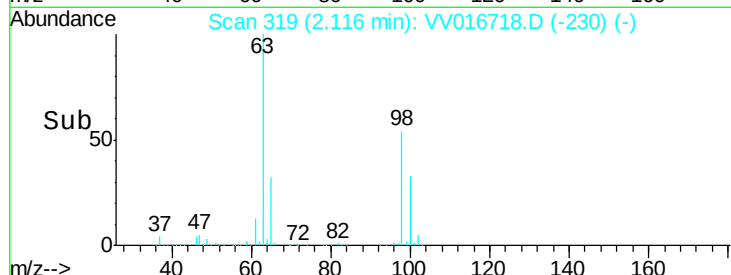
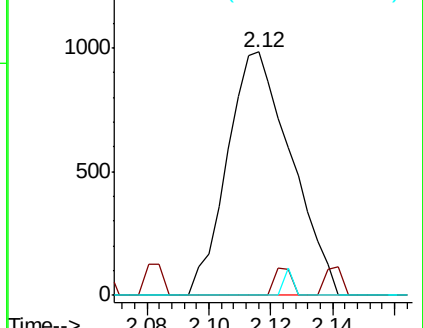
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.707 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016718.D

Acq: 09 Jun 2020 15:39

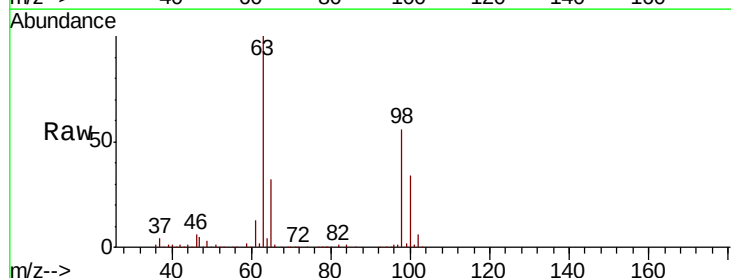
Tgt Ion: 96 Resp: 1291

Ion Ratio Lower Upper

96 100

61 1525.9 130.4 242.2#

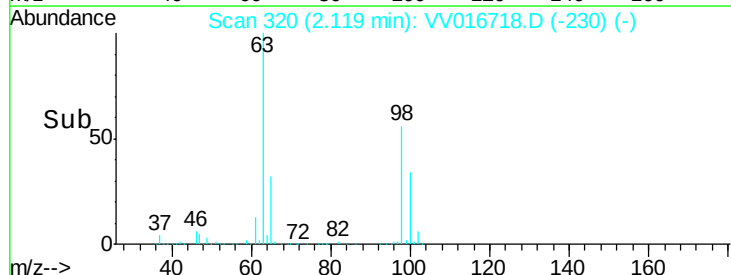
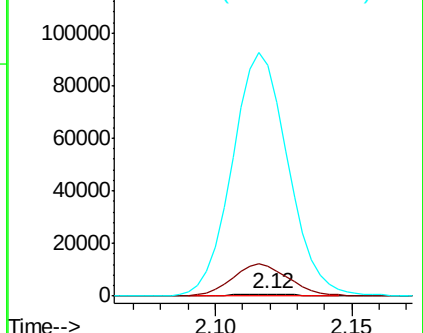
63 11903.5 103.3 191.9#

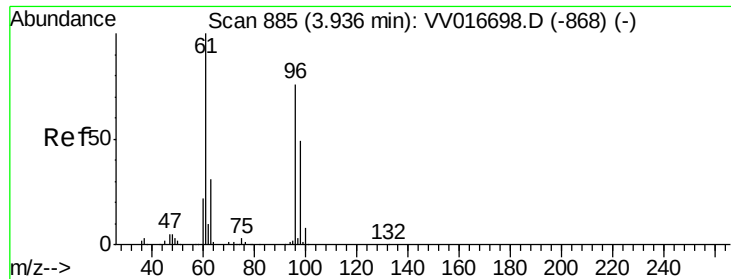


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 1.854 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV016718.D

Acq: 09 Jun 2020 15:39

Instrument :

MSVOA_V

ClientSampleId :

ETTT3

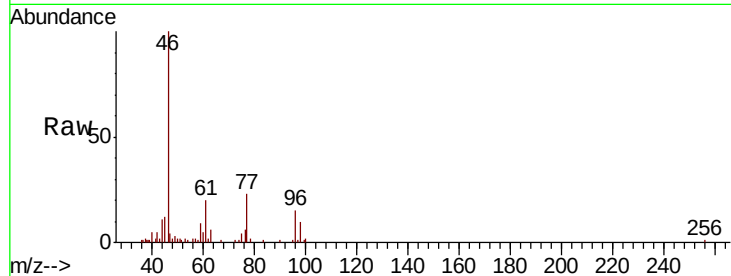
Tot Ion: 96 Resp: 5036

Ion Ratio Lower Upper

96 100

61 130.2 93.4 173.4

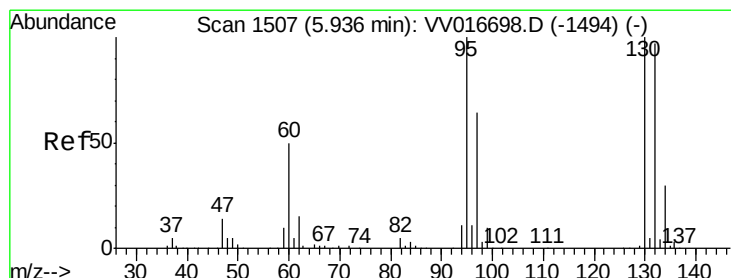
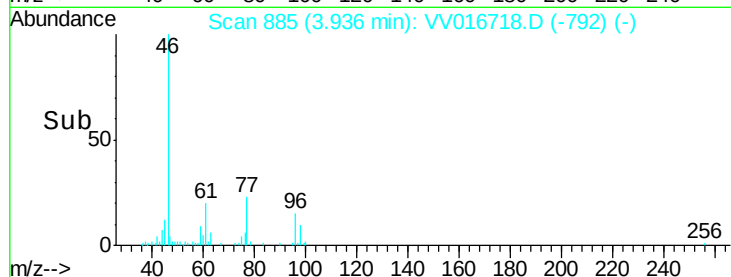
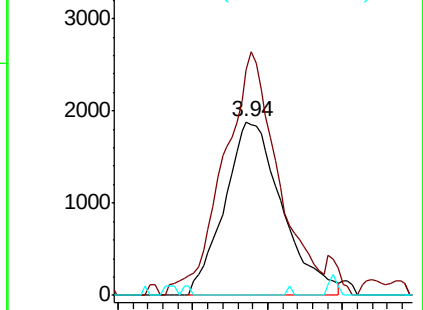
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV016698.D (-868) (-)

Ion 61.00 (60.70 to 61.70): VV016698.D (-868) (-)

Ion 68.00 (67.70 to 68.70): VV016698.D (-868) (-)



#34

Trichloroethene

Concen: 2.222 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016718.D

Acq: 09 Jun 2020 15:39

Tgt Ion: 95 Resp: 6169

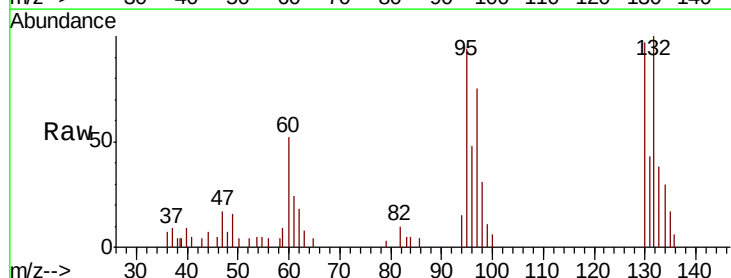
Ion Ratio Lower Upper

95 100

97 80.0 44.3 82.3

132 106.1 67.9 126.1

130 102.9 72.2 134.2

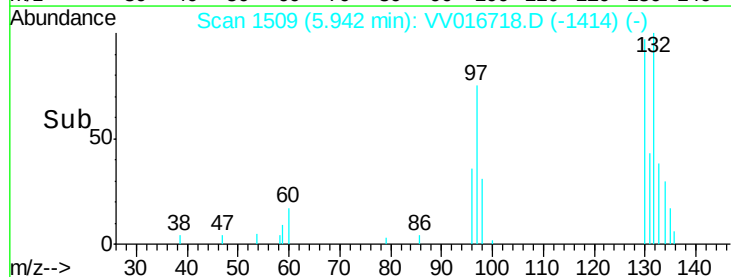
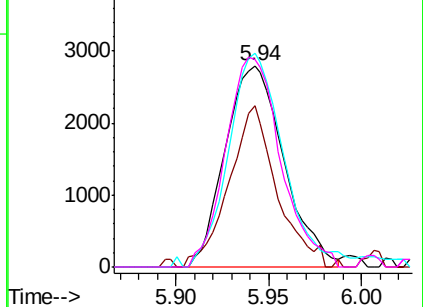


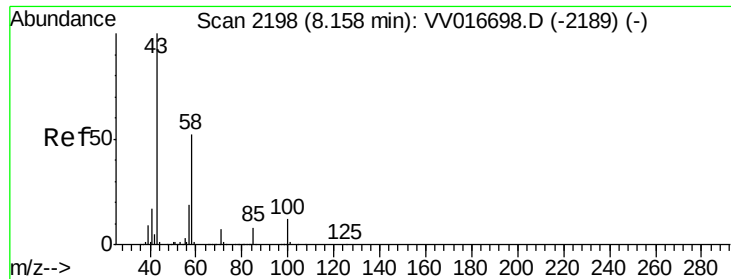
Abundance Ion 95.00 (94.70 to 95.70): VV016698.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV016698.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV016698.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV016698.D (-1494) (-)

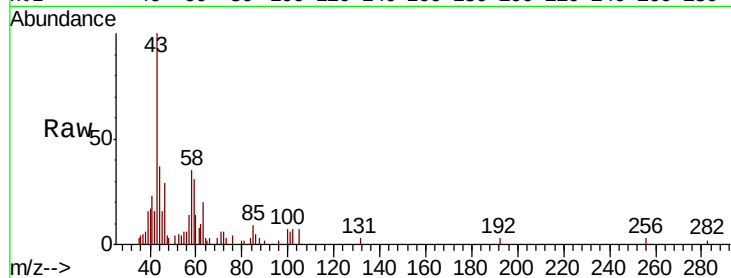




#48
 2-Hexanone
 Concen: 2.817 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV016718.D
 Acq: 09 Jun 2020 15:39

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTT3

Tot Ion:	43	Resp:	8335
Ion	Ratio	Lower	Upper
43	100		
58	3.8	43.1	64.7#
57	0.0	15.3	22.9#
100	2.8	10.0	15.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0
 Ion 58.00 (57.70 to 58.70): VV0
 Ion 57.00 (56.70 to 57.70): VV0
 Ion 100.00 (99.70 to 100.70): VV0

