

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018330.D
 Acq On : 18 Sep 2020 18:07
 Operator : SY/MD
 Sample : L4065-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:44:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 01:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	273739	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272746	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130418	50.00	ug/L	0.00

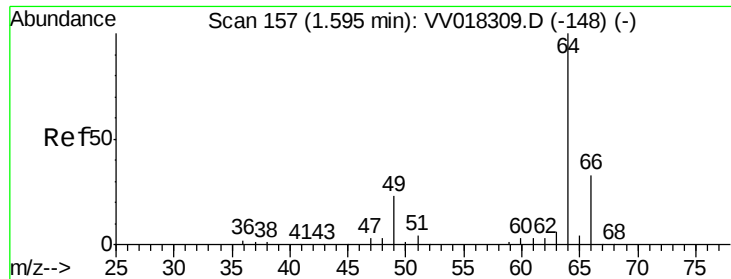
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97664	43.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.56%
7) Chloroethane-d5	1.58	69	81401	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.18%
11) 1,1-Dichloroethene-d2	2.12	63	140837	34.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.84%
21) 2-Butanone-d5	3.92	46	125346	91.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.80%
24) Chloroform-d	4.38	84	172432	44.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.10%
26) 1,2-Dichloroethane-d4	5.06	65	114401	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
32) Benzene-d6	5.08	84	347394	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
36) 1,2-Dichloropropane-d6	6.09	67	110876	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.38%
41) Toluene-d8	7.34	98	303300	42.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.24%
43) trans-1,3-Dichloropropene-	7.64	79	51758	41.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.10%
47) 2-Hexanone-d5	8.11	63	82677	87.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	138299	44.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	128435	47.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.90%

Target Compounds

					Ovalue
8) Chloroethane	1.32	64	1249	0.892 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1349	0.730 ug/L #	19
34) Trichloroethene	5.94	95	16504	7.769 ug/L	99
35) Methylcyclohexane	6.10	83	26543	8.299 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11893	5.755 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2805	0.881 ug/L #	48
48) 2-Hexanone	8.11	43	10215	5.169 ug/L #	73
59) 1,2,3-Trichloropropane	11.27	75	15257	6.277 ug/L	95

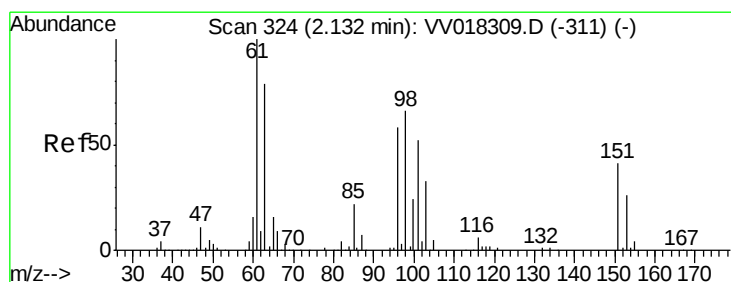
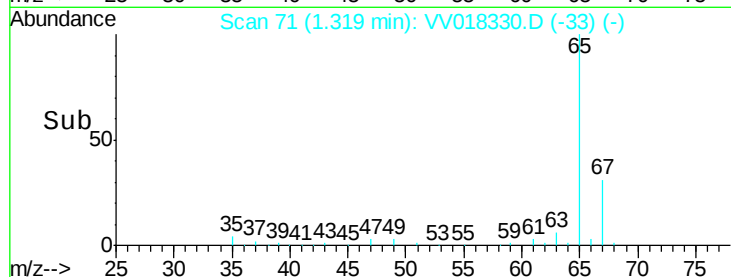
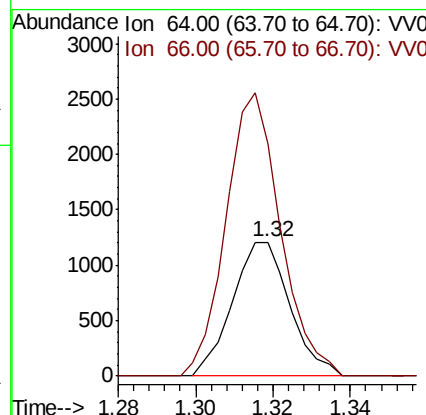
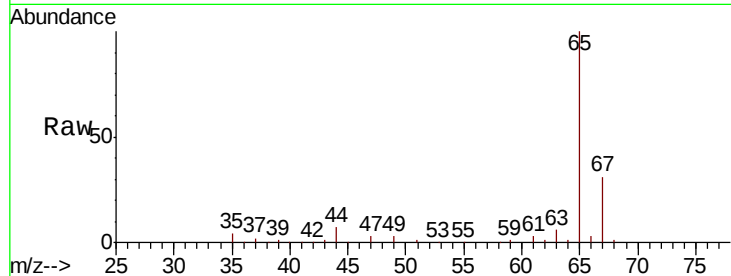
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 0.892 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV018330.D
Acq: 18 Sep 2020 18:07

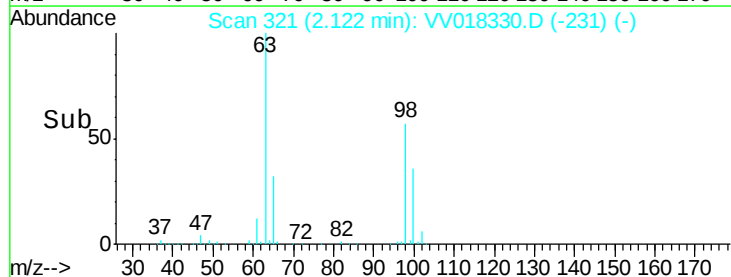
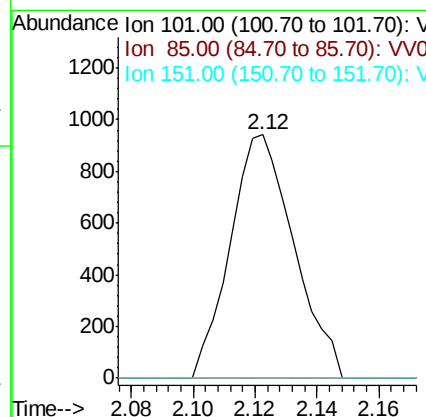
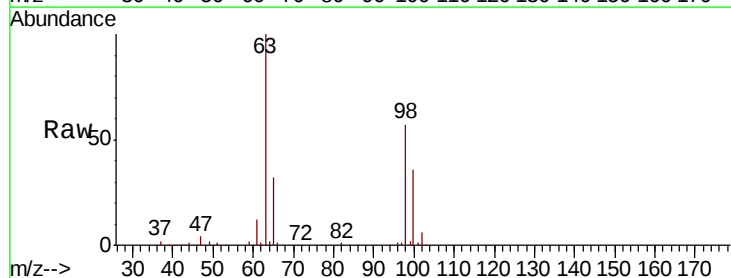
Instrument :
MSVOA_V
ClientSampleId :

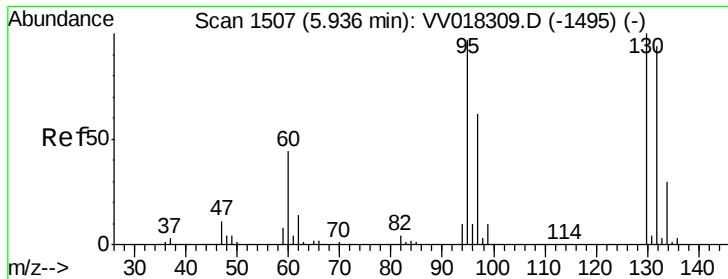
Tot Ion: 64 Resp: 1249
Ion Ratio Lower Upper
64 100
66 173.3 22.5 41.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.730 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV018330.D
Acq: 18 Sep 2020 18:07

Tgt Ion: 101 Resp: 1349
Ion Ratio Lower Upper
101 100
85 0.0 33.5 50.3#
151 0.0 62.2 93.2#





#34

Trichloroethene

Concen: 7.769 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018330.D

Acq: 18 Sep 2020 18:07

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 16504

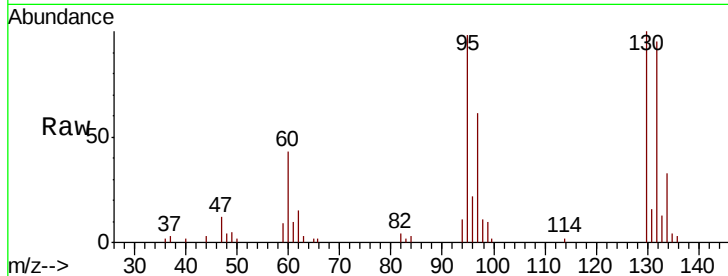
Ion Ratio Lower Upper

95 100

97 63.0 46.3 85.9

132 97.5 68.1 126.5

130 102.6 71.5 132.9

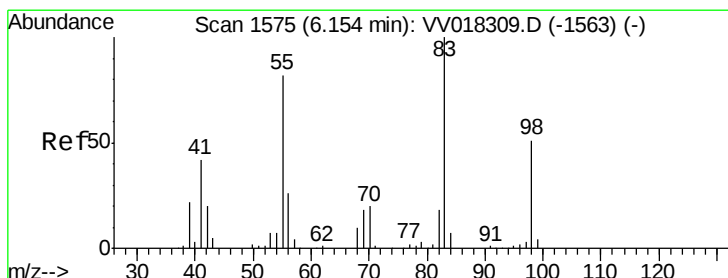
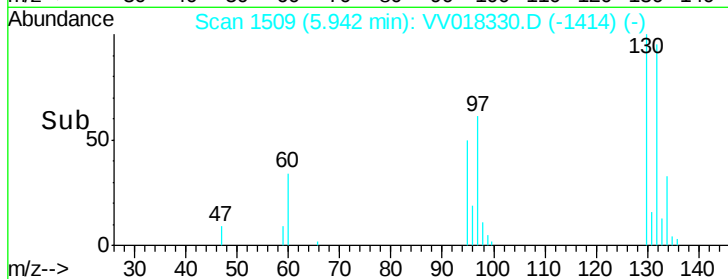
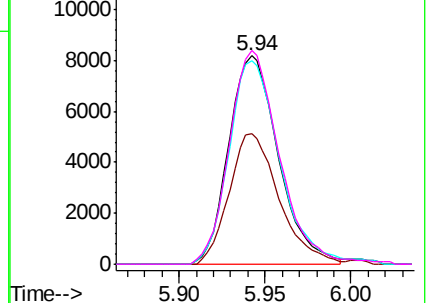


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 8.299 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV018330.D

Acq: 18 Sep 2020 18:07

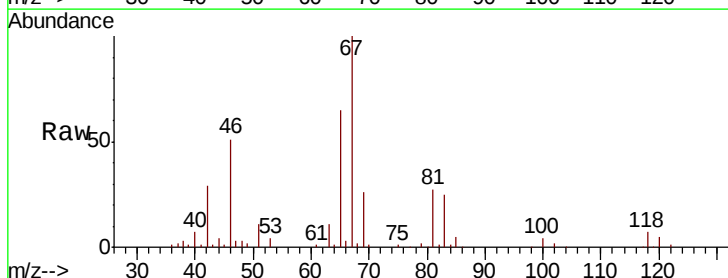
Tgt Ion: 83 Resp: 26543

Ion Ratio Lower Upper

83 100

55 0.0 63.4 95.2#

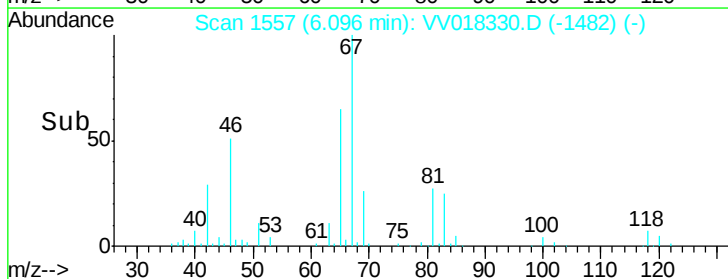
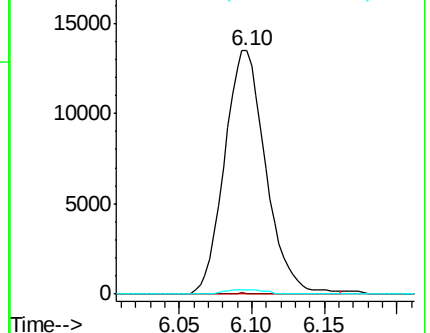
98 1.7 38.8 58.2#

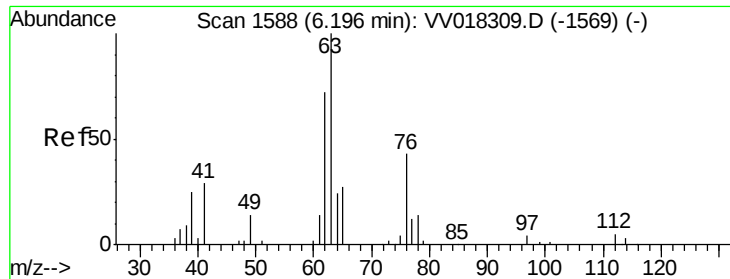


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

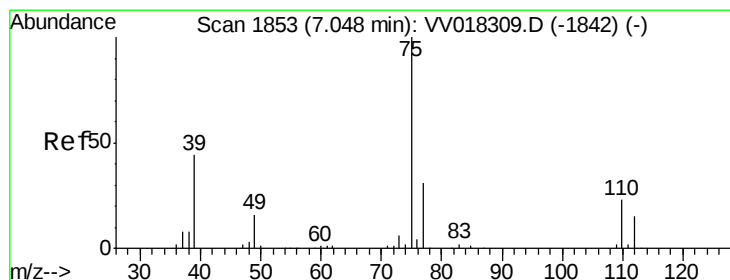
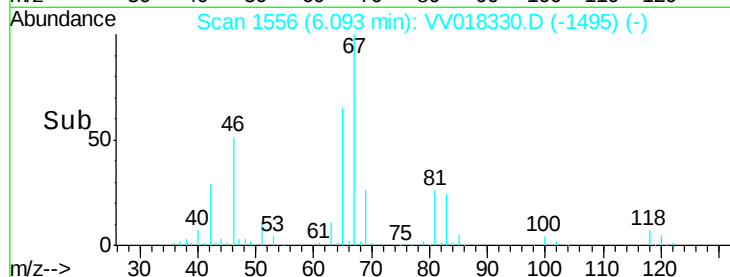
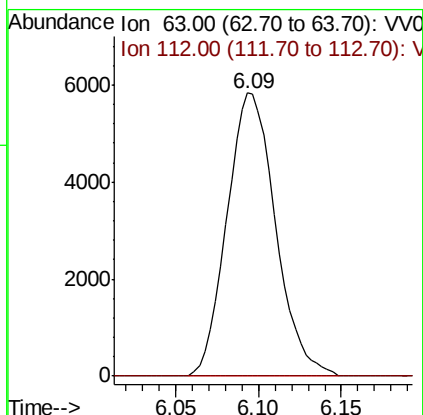
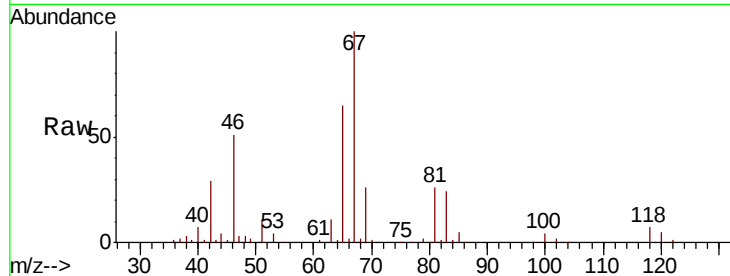




#37
 1,2-Dichloropropane
 Concen: 5.755 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018330.D
 Acq: 18 Sep 2020 18:07

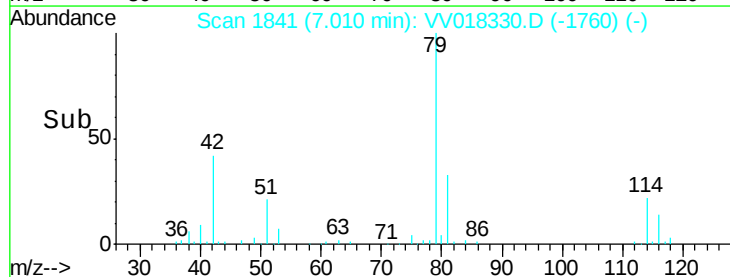
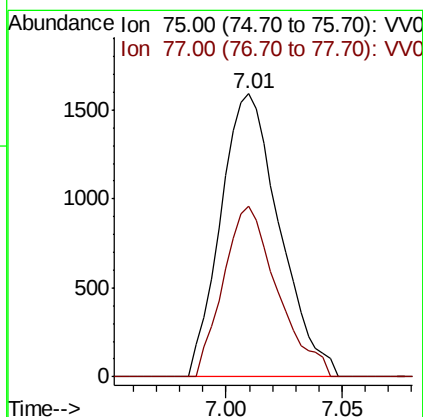
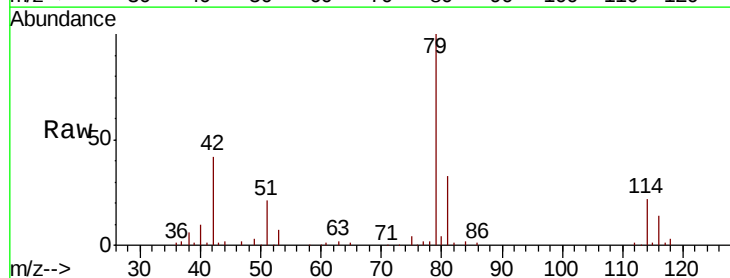
Instrument :
 MSVOA_V
 ClientSampleId :

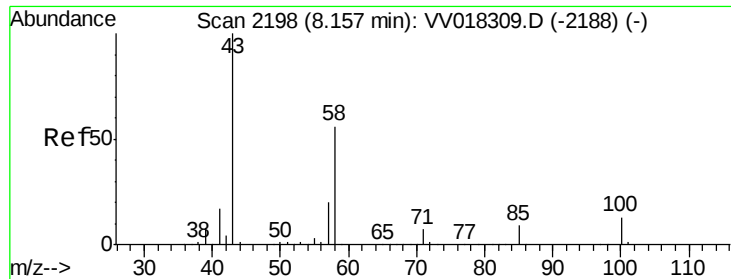
Tot Ion: 63 Resp: 11893
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.881 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018330.D
 Acq: 18 Sep 2020 18:07

Tgt Ion: 75 Resp: 2805
 Ion Ratio Lower Upper
 75 100
 77 60.5 22.3 41.3#

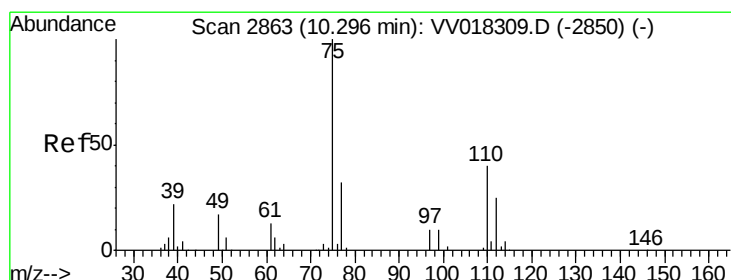
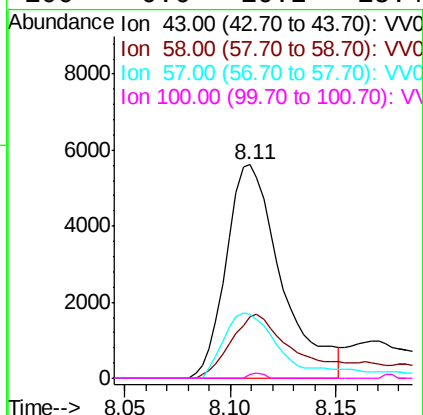
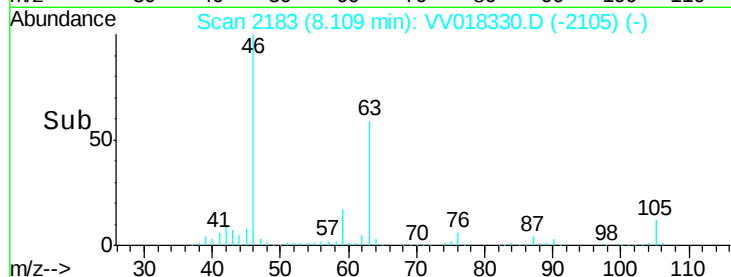
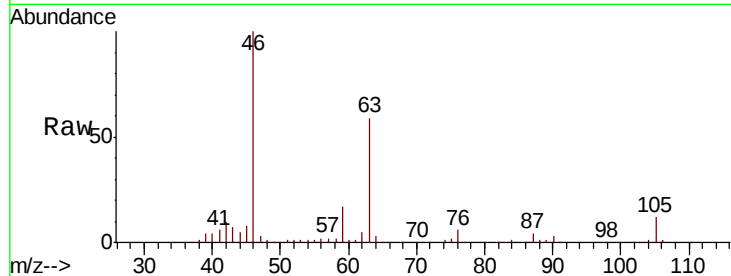




#48
 2-Hexanone
 Concen: 5.169 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018330.D
 Acq: 18 Sep 2020 18:07

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 10215
 Ion Ratio Lower Upper
 43 100
 58 34.5 44.8 67.2#
 57 28.7 15.8 23.6#
 100 0.6 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.277 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV018330.D
 Acq: 18 Sep 2020 18:07

Tgt Ion: 75 Resp: 15257
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.8 38.6

