

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031620\
 Data File : VV014943.D
 Acq On : 16 Mar 2020 14:06
 Operator : SY/MD
 Sample : L1884-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CON73

Quant Time: Mar 18 03:19:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 03:17:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	373205	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	361291	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177566	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107597	43.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.56%
7) Chloroethane-d5	1.58	69	83844	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.12	63	130366	34.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.36%
21) 2-Butanone-d5	3.93	46	129944	85.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.72%
24) Chloroform-d	4.38	84	221836	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.64%
26) 1,2-Dichloroethane-d4	5.06	65	147208	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.70%
32) Benzene-d6	5.08	84	466084	46.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.66%
36) 1,2-Dichloropropane-d6	6.10	67	138157	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.22%
41) Toluene-d8	7.34	98	442310	44.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.86%
43) trans-1,3-Dichloropropene-	7.64	79	68266	43.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.64%
47) 2-Hexanone-d5	8.12	63	125393	93.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.73%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193151	44.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	184597	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%

Target Compounds

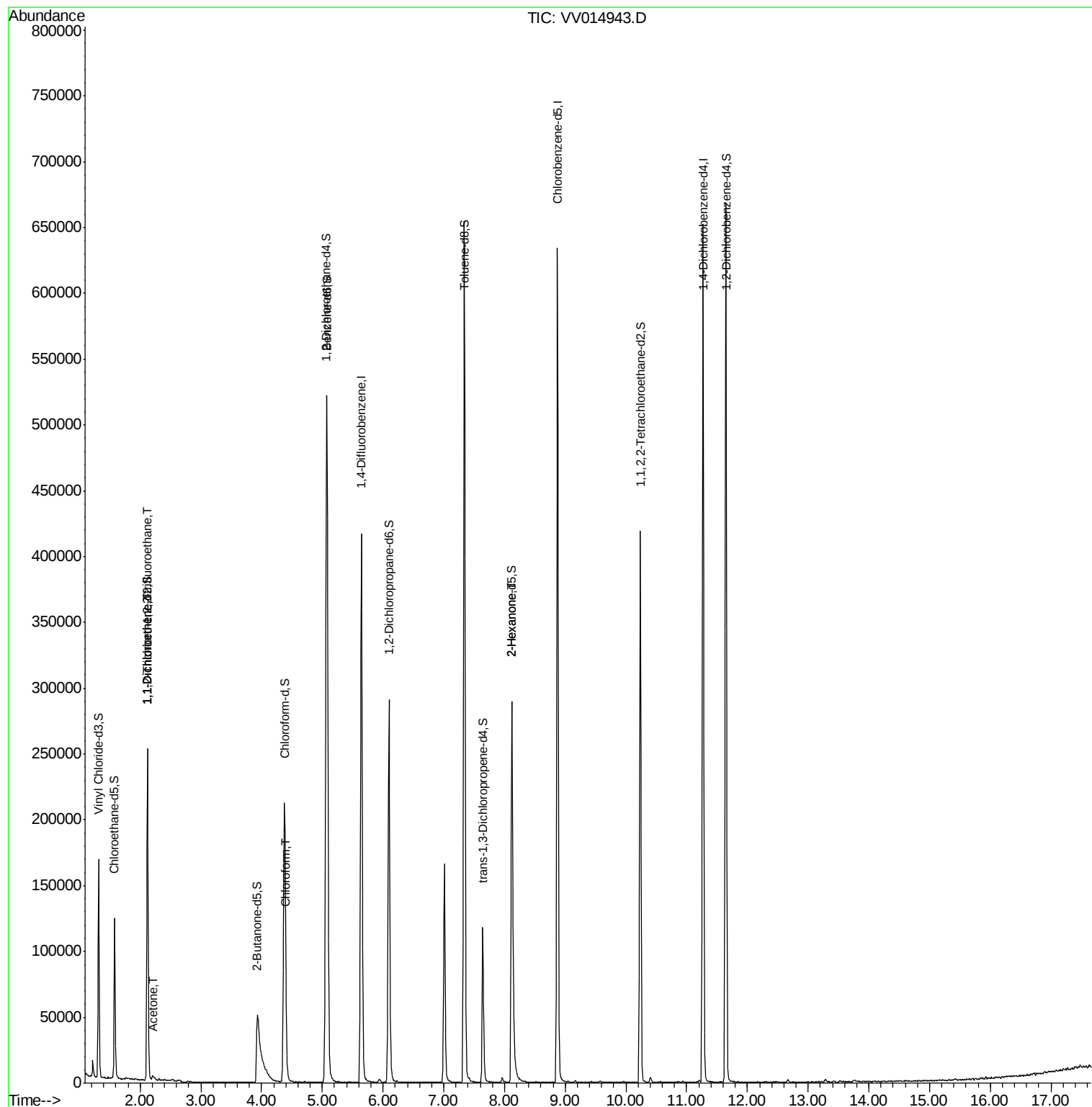
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1482	0.771 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1255	0.716 ug/L #	1
13) Acetone	2.20	43	3913	2.612 ug/L	84
25) Chloroform	4.41	83	6920	1.416 ug/L	93
48) 2-Hexanone	8.12	43	16054	6.099 ug/L #	71

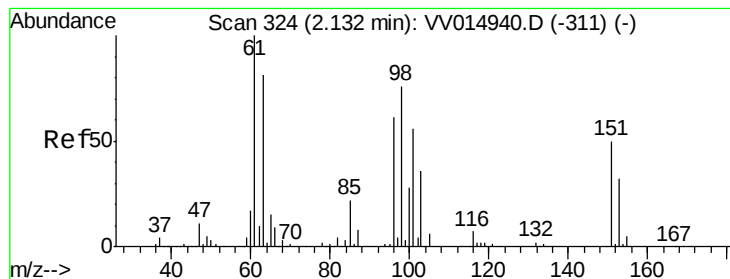
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 18 03:17:46 2020
Response via : Initial Calibration





#10

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

Concen: 0.771 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014943.D

Acq: 16 Mar 2020 14:06

Instrument :

MSVOA_V

ClientSampleId :

CON73

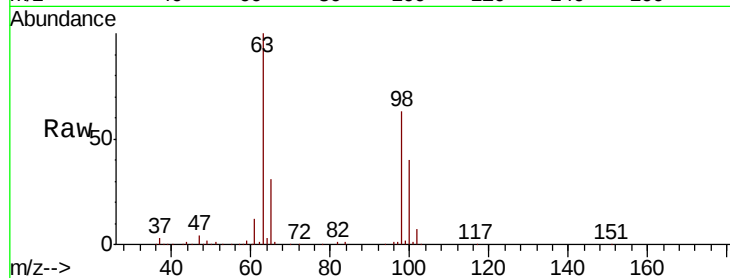
Tot Ion:101 Resp: 1482

Ion Ratio Lower Upper

101 100

85 0.0 33.9 50.9#

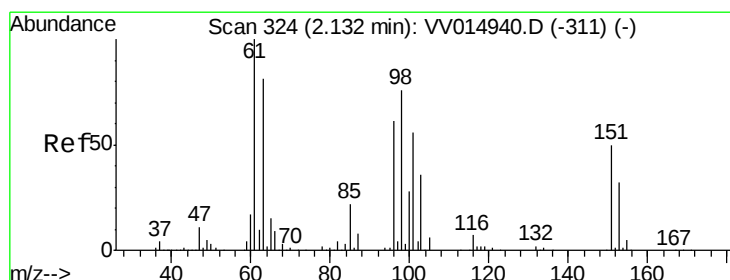
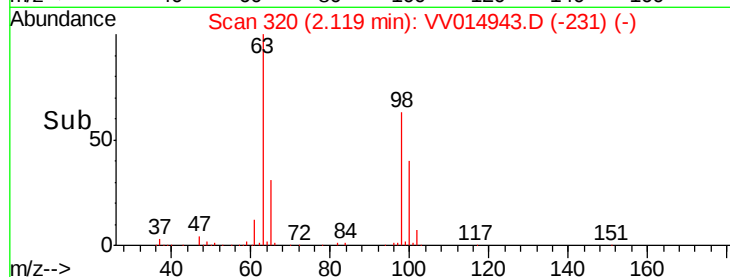
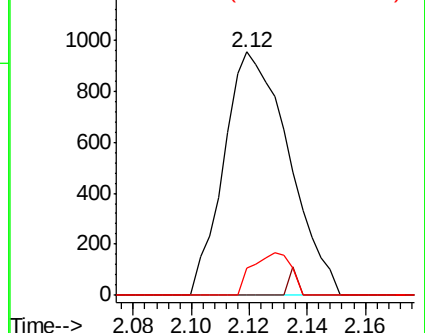
151 10.5 70.1 105.1#



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: 0.716 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014943.D

Acq: 16 Mar 2020 14:06

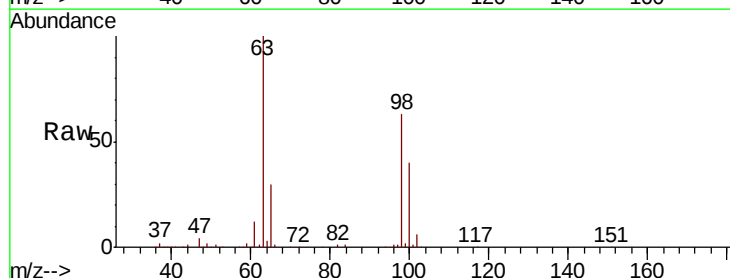
Tgt Ion: 96 Resp: 1255

Ion Ratio Lower Upper

96 100

61 1544.6 115.7 214.9#

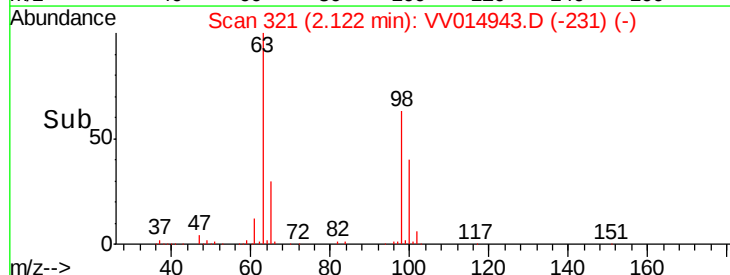
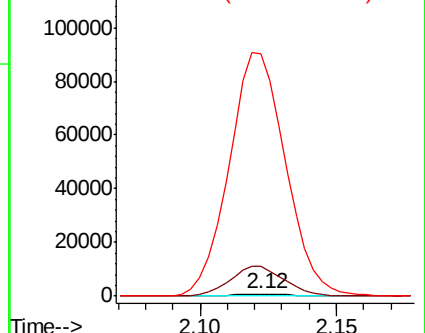
63 12765.0 99.2 184.2#

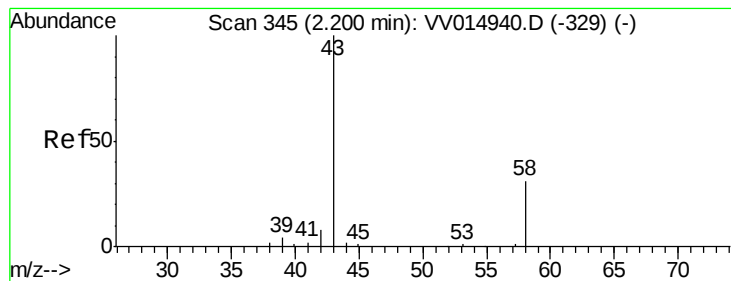


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.612 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV014943.D

Acq: 16 Mar 2020 14:06

Instrument :

MSVOA_V

ClientSampled :

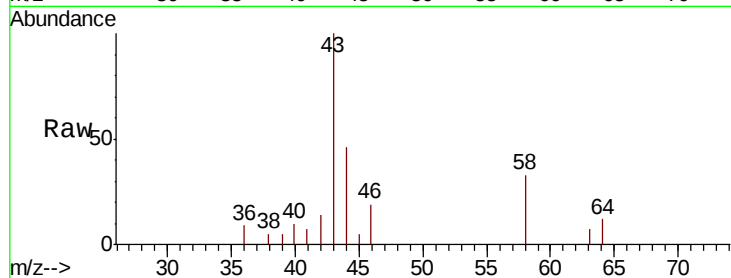
CON73

Tot Ion: 43 Resp: 3913

Ion Ratio Lower Upper

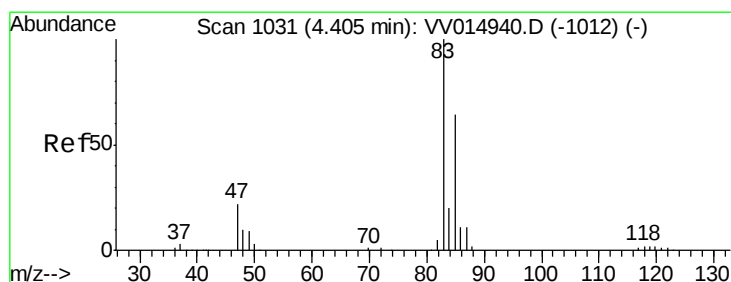
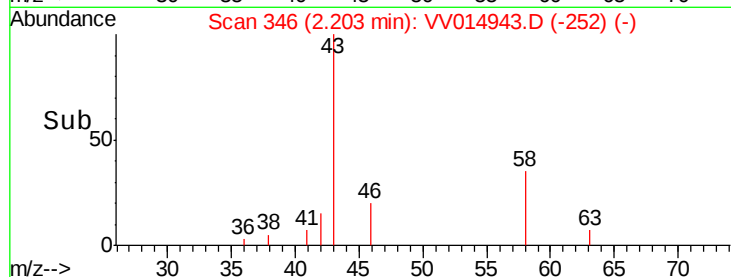
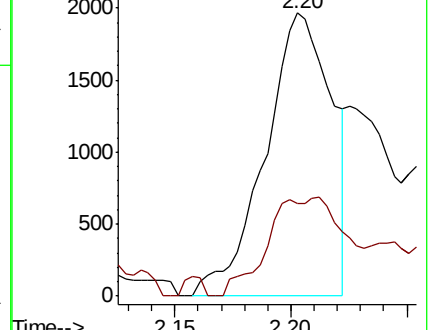
43 100

58 17.9 0.0 51.6



Abundance Ion 43.00 (42.70 to 43.70): VV014940.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV014940.D (-329) (-)



#25

Chloroform

Concen: 1.416 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VV014943.D

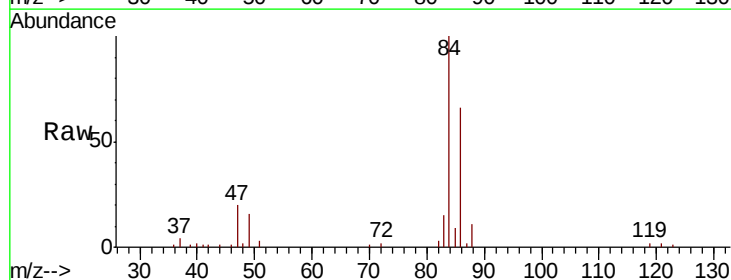
Acq: 16 Mar 2020 14:06

Tgt Ion: 83 Resp: 6920

Ion Ratio Lower Upper

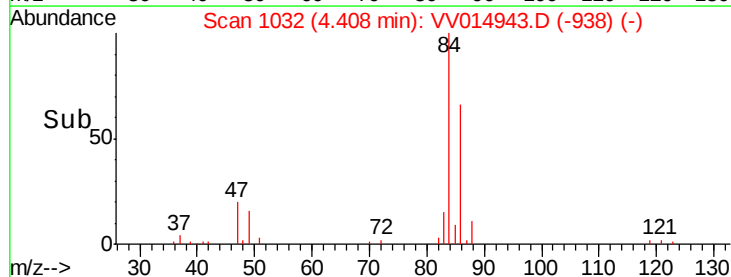
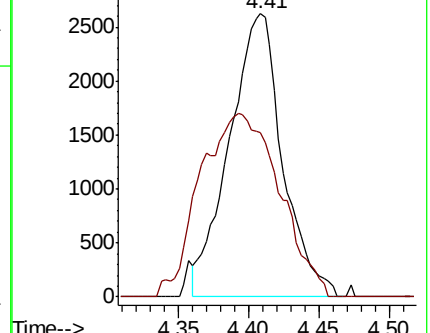
83 100

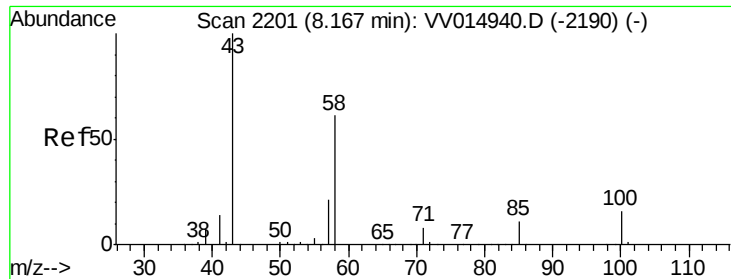
85 58.2 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV014940.D (-1012) (-)

Ion 85.00 (84.70 to 85.70): VV014940.D (-1012) (-)





#48

2-Hexanone

Concen: 6.099 ug/L

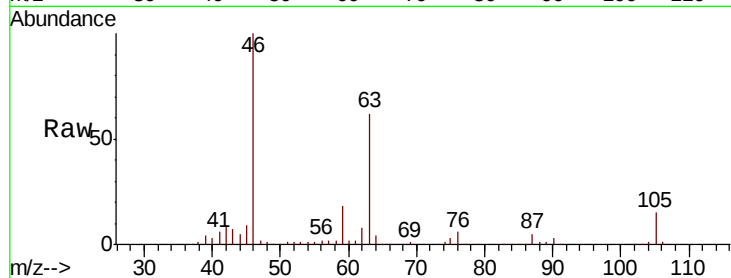
RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV014943.D

Acq: 16 Mar 2020 14:06

Instrument :
MSVOA_V
ClientSampleId :
CON73



Tot Ion:	43	Resp:	16054
Ion	Ratio	Lower	Upper
43	100		
58	32.2	46.9	70.3#
57	22.6	16.2	24.4
100	0.0	11.9	17.9#

