

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033120\
 Data File : VV015308.D
 Acq On : 31 Mar 2020 12:58
 Operator : SY/MD
 Sample : L1976-18RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 01 01:24:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 01 01:17:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346897	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	336444	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142282	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	162848	64.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	128.76%
7) Chloroethane-d5	1.58	69	156104	66.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	132.64%#
11) 1,1-Dichloroethene-d2	2.12	63	256831	47.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.18%
21) 2-Butanone-d5	4.15	46	460	0.28	ug/L	0.22
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.28%#
24) Chloroform-d	4.38	84	294819	64.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.66%#
26) 1,2-Dichloroethane-d4	5.06	65	208536	70.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	140.32%#
32) Benzene-d6	5.08	84	580600	66.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.22%#
36) 1,2-Dichloropropane-d6	6.10	67	184917	67.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	134.66%#
41) Toluene-d8	7.34	98	541551	63.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	127.48%#
43) trans-1,3-Dichloropropene-	7.64	79	92472	61.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	123.66%
47) 2-Hexanone-d5	8.12	63	190068	147.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	147.51%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	262823	64.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	129.68%#
64) 1,2-Dichlorobenzene-d4	11.65	152	189076	66.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	133.54%#

Target Compounds

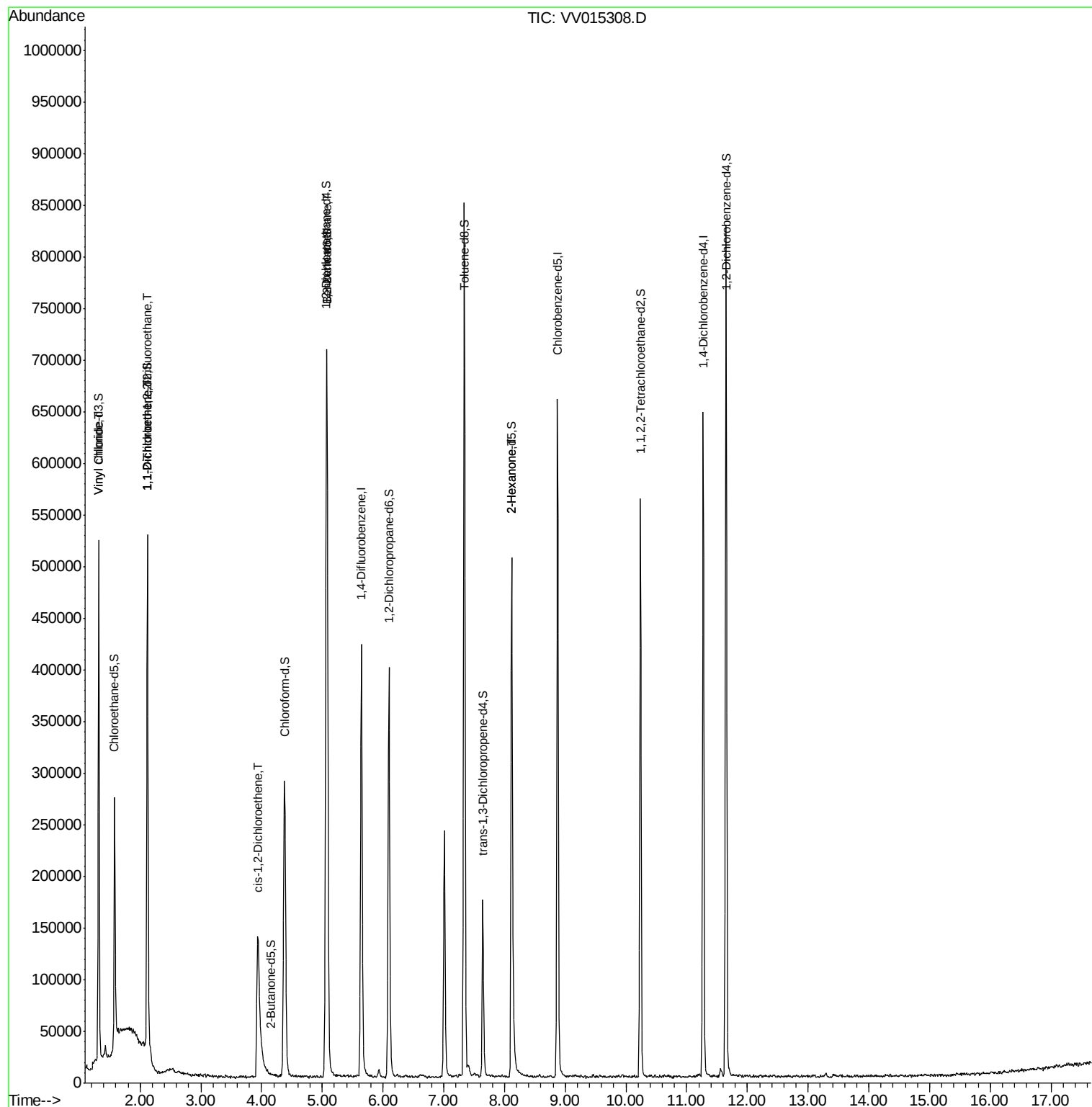
					Ovalue
5) Vinyl chloride	1.32	62	172056	58.846	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2647	0.999	ug/L # 29
12) 1,1-Dichloroethene	2.12	96	1901	0.741	ug/L # 1
20) cis-1,2-Dichloroethene	3.94	96	20928	8.659	ug/L # 95
27) 1,2-Dichloroethane	5.07	62	3521	1.034	ug/L 99
48) 2-Hexanone	8.12	43	23102	8.940	ug/L # 75

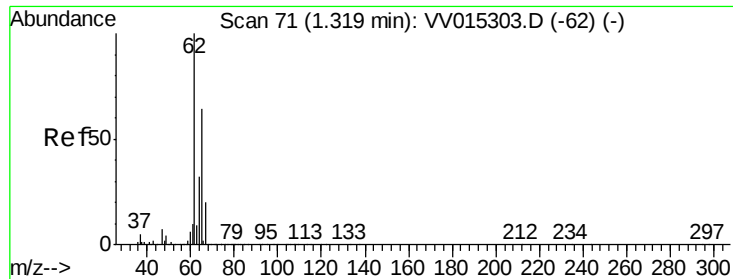
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 01 01:17:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 58.846 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV015308.D

Acq: 31 Mar 2020 12:58

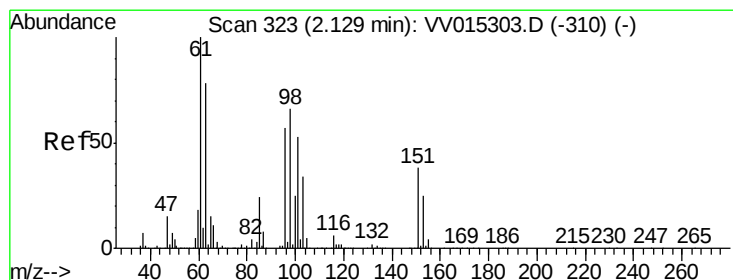
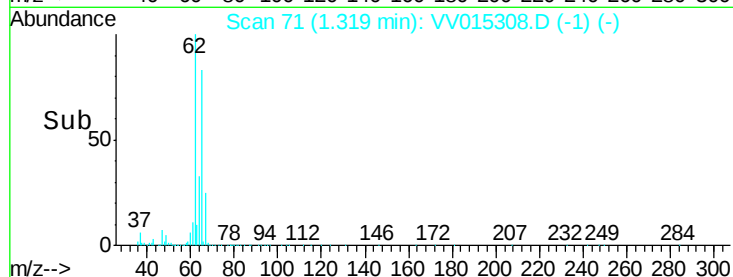
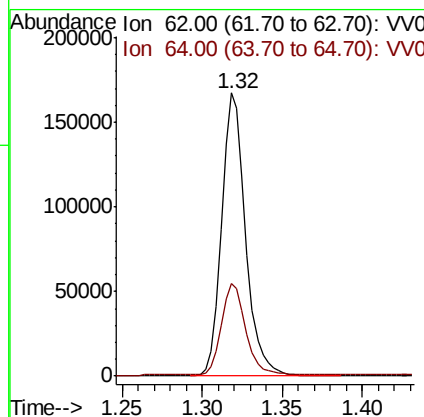
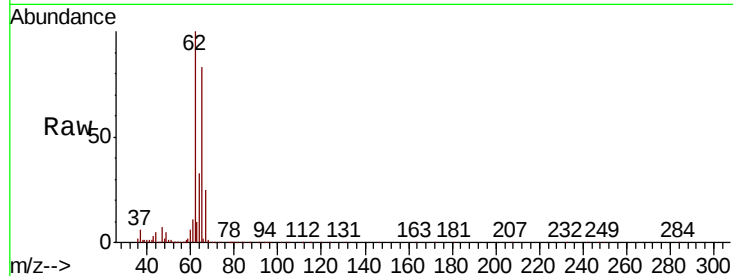
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 172056

Ion Ratio Lower Upper

62 100

64 32.8 23.9 44.3



#10

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

Concen: 0.999 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015308.D

Acq: 31 Mar 2020 12:58

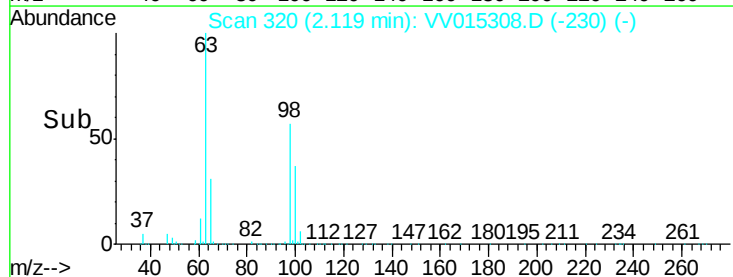
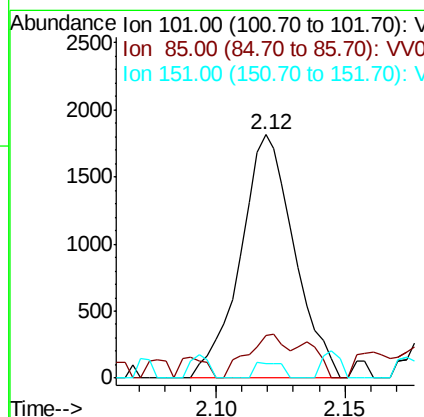
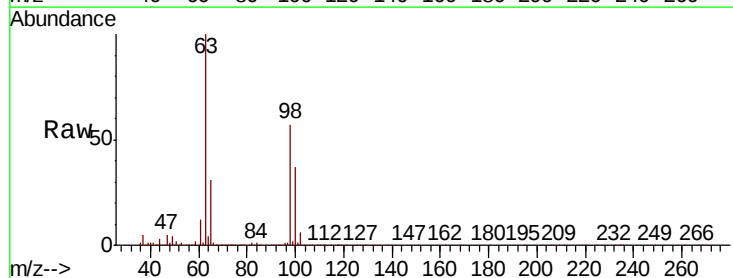
Tgt Ion: 101 Resp: 2647

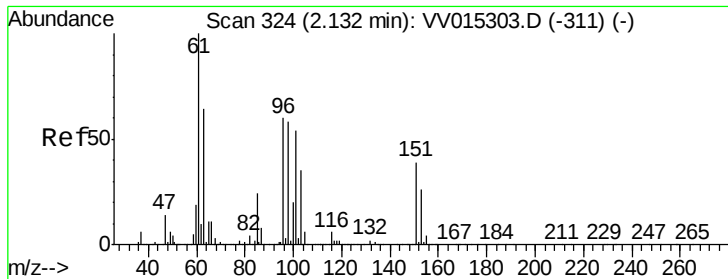
Ion Ratio Lower Upper

101 100

85 13.1 35.0 52.6#

151 0.8 58.2 87.4#

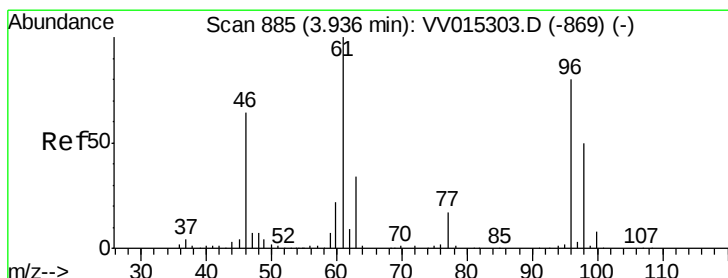
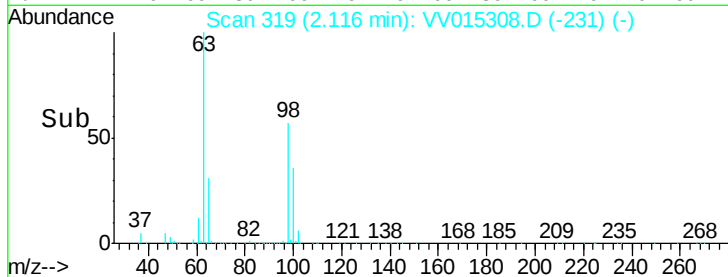
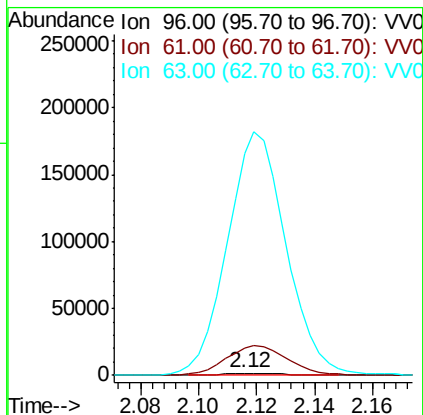
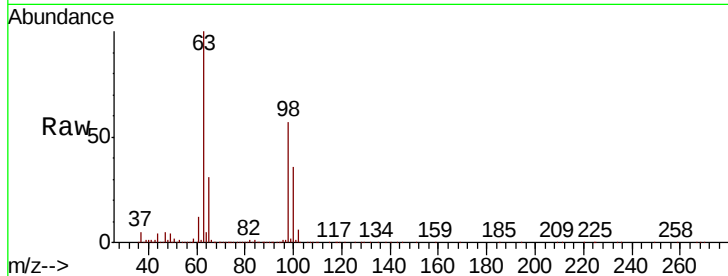




#12
 1,1-Dichloroethene
 Concen: 0.741 ug/L
 RT: 2.12 min Scan# 319
 Delta R.T. -0.02 min
 Lab File: VV015308.D
 Acq: 31 Mar 2020 12:58

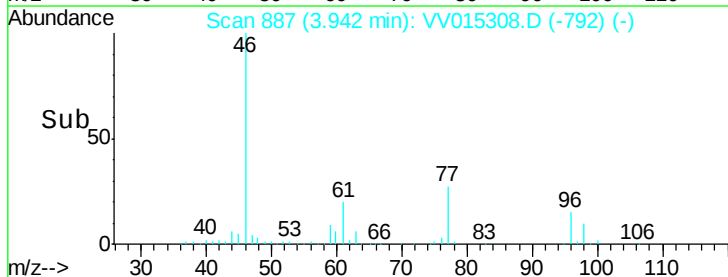
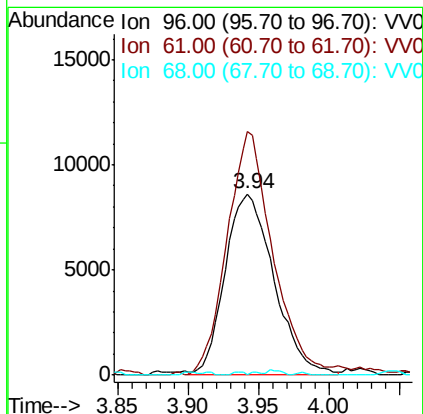
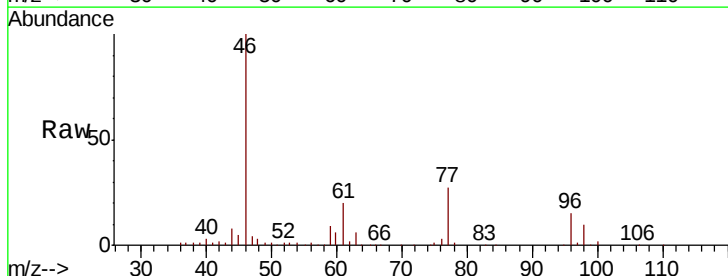
Instrument :
 MSVOA_V
 ClientSampleId :

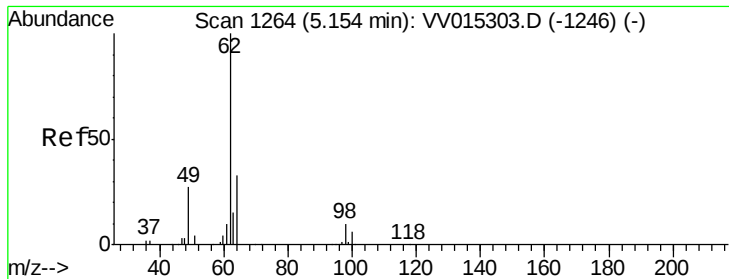
Tot Ion: 96 Resp: 1901
 Ion Ratio Lower Upper
 96 100
 61 1345.7 120.9 224.5#
 63 10934.6 81.2 150.8#



#20
 cis-1,2-Dichloroethene
 Concen: 8.659 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV015308.D
 Acq: 31 Mar 2020 12:58

Tgt Ion: 96 Resp: 20928
 Ion Ratio Lower Upper
 96 100
 61 134.5 90.2 167.6
 68 0.0 0.1 0.1#





#27

1,2-Dichloroethane

Concen: 1.034 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV015308.D

Acq: 31 Mar 2020 12:58

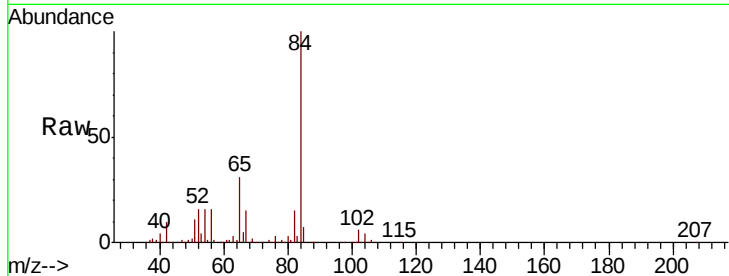
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 3521

Ion Ratio Lower Upper

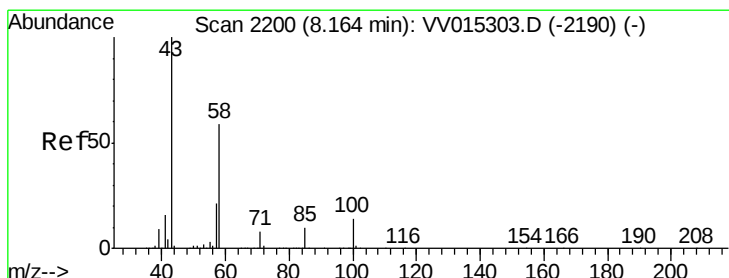
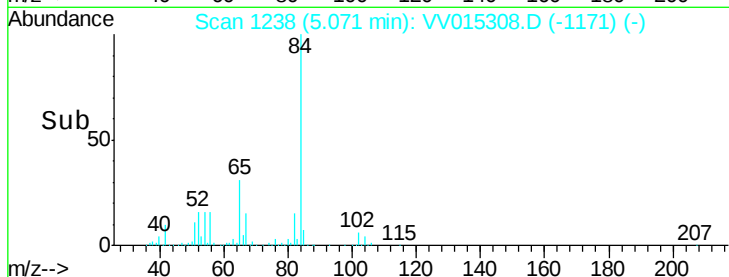
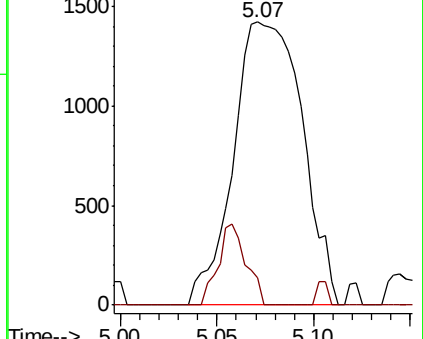
62 100

98 9.5 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#48

2-Hexanone

Concen: 8.940 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV015308.D

Acq: 31 Mar 2020 12:58

Tgt Ion: 43 Resp: 23102

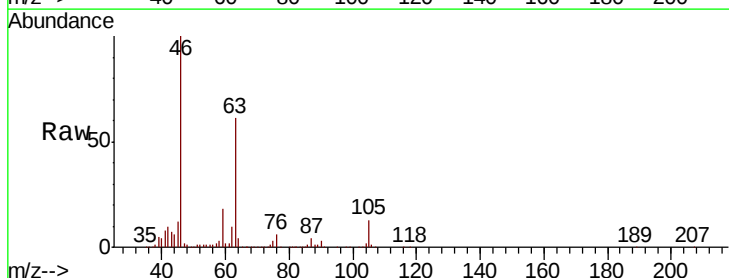
Ion Ratio Lower Upper

43 100

58 38.5 47.0 70.6#

57 25.1 16.2 24.2#

100 0.0 11.0 16.6#



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

