

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017932.D
 Acq On : 12 Aug 2020 17:11
 Operator : SY/MD
 Sample : L3616-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG0D2

Quant Time: Aug 13 04:38:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	256200	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	246747	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	107229	50.00	ug/L	0.00

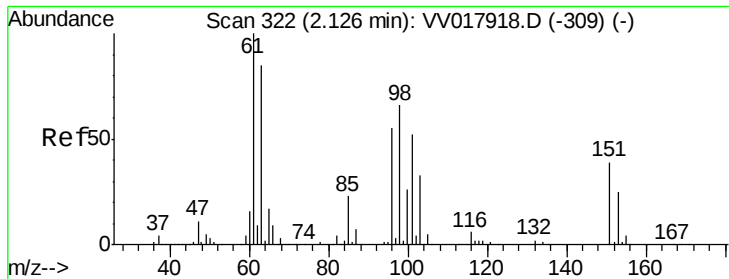
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91642	46.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.76%
7) Chloroethane-d5	1.58	69	77766	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.26%
11) 1,1-Dichloroethene-d2	2.12	63	136415	36.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.96%
21) 2-Butanone-d5	3.91	46	131106	102.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.40%
24) Chloroform-d	4.38	84	171140	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
26) 1,2-Dichloroethane-d4	5.06	65	119466	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.38%
32) Benzene-d6	5.07	84	346654	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.96%
36) 1,2-Dichloropropane-d6	6.09	67	114146	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.68%
41) Toluene-d8	7.34	98	300533	49.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.28%
43) trans-1,3-Dichloropropene-	7.64	79	50293	49.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.76%
47) 2-Hexanone-d5	8.11	63	69856	97.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	142186	49.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	116133	55.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.06%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1274	0.702 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1190	0.692 ug/L #	1
13) Acetone	2.19	43	1964	1.485 ug/L	82
20) cis-1,2-Dichloroethene	3.95	96	2876	1.481 ug/L	95
34) Trichloroethene	5.95	95	2473	1.226 ug/L	96
37) 1,2-Dichloropropane	6.09	63	12689	6.095 ug/L #	87
48) 2-Hexanone	8.17	43	5181	2.361 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	13320	5.181 ug/L	94

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



#10

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

Concen: 0.702 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017932.D

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MSVOA_V

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BG0D2

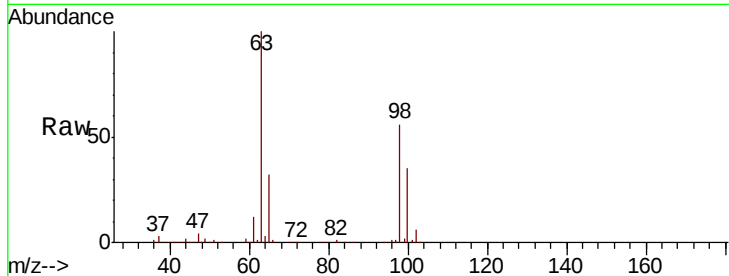
Tot Ion:101 Resp: 1274

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

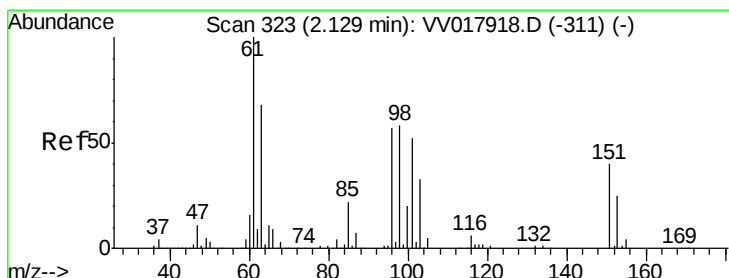
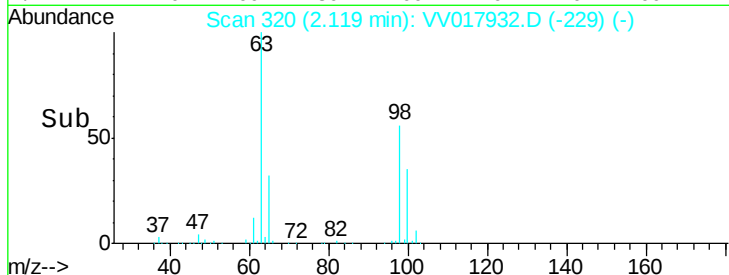
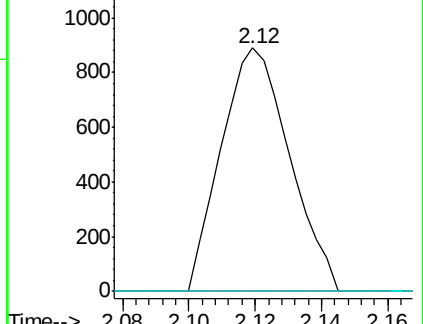
151 0.0 59.1 88.7#



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: 0.692 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017932.D

Acq: 12 Aug 2020 17:11

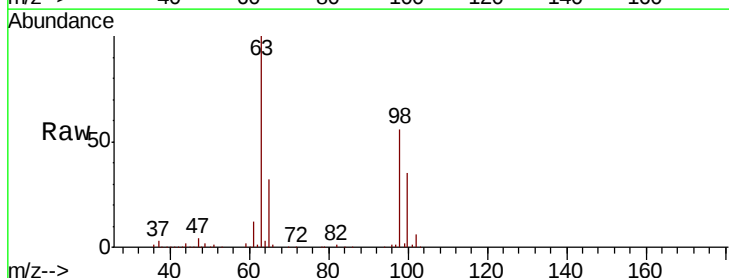
Tgt Ion: 96 Resp: 1190

Ion Ratio Lower Upper

96 100

61 1259.5 127.1 236.0#

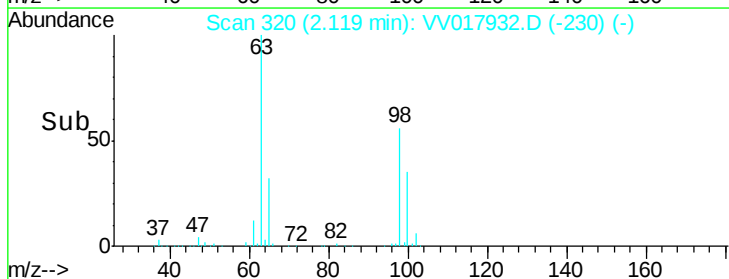
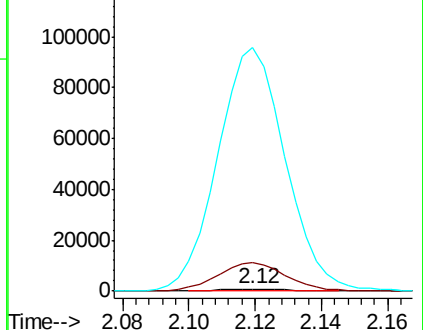
63 10648.3 95.2 176.8#

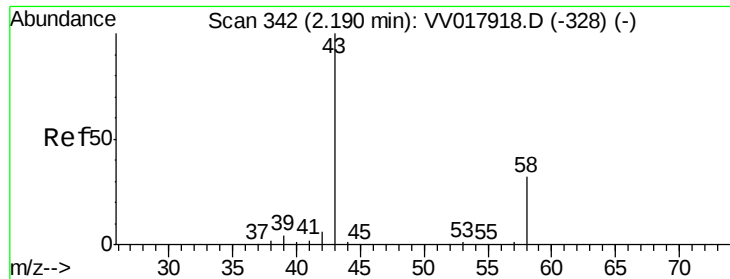


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.485 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017932.D

Acq: 12 Aug 2020 17:11

Instrument :

MSVOA_V

ClientSampleId :

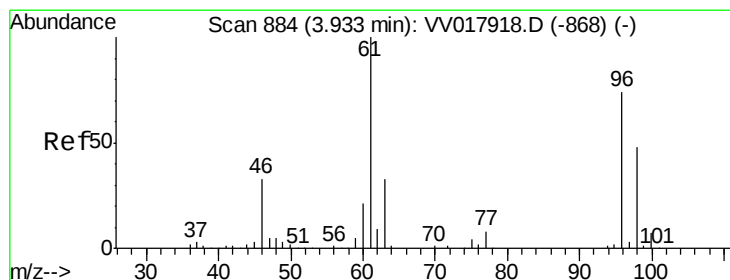
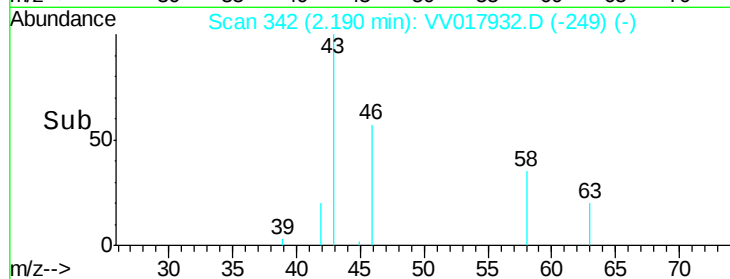
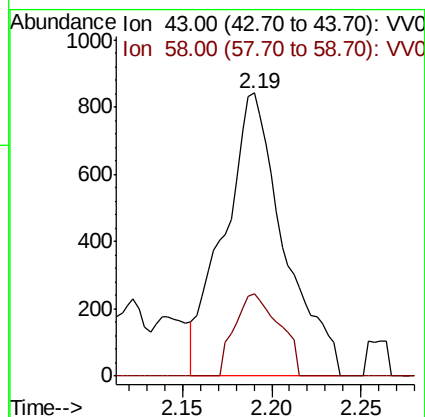
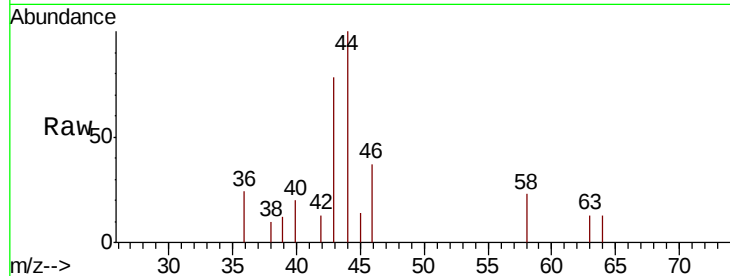
BG0D2

Tot Ion: 43 Resp: 1964

Ion Ratio Lower Upper

43 100

58 21.9 0.0 63.6



#20

cis-1,2-Dichloroethene

Concen: 1.481 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV017932.D

Acq: 12 Aug 2020 17:11

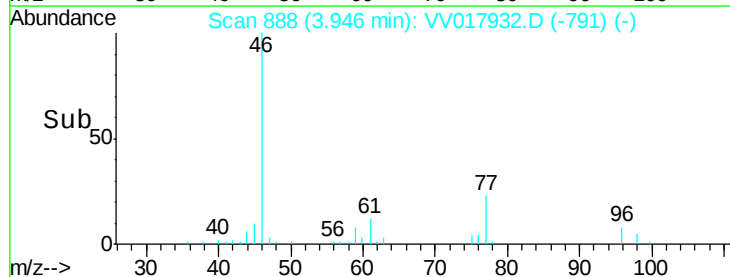
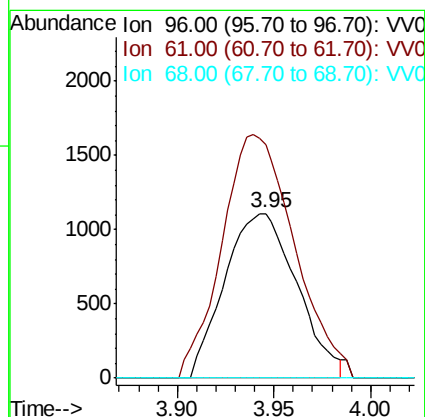
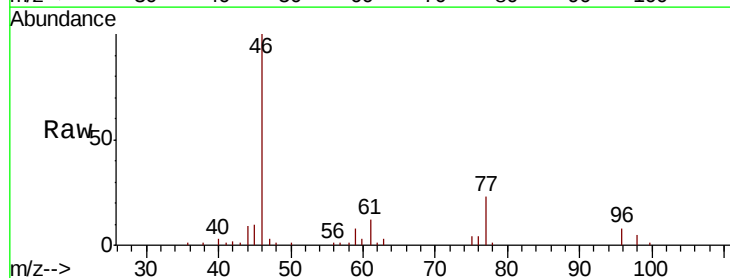
Tgt Ion: 96 Resp: 2876

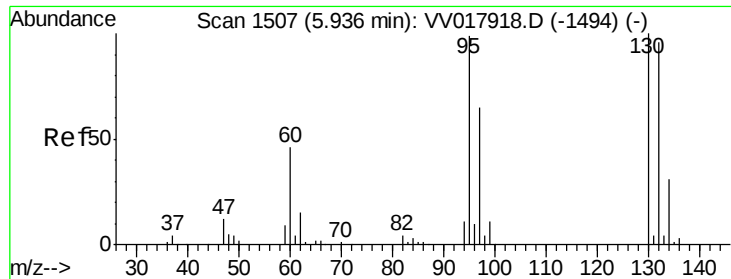
Ion Ratio Lower Upper

96 100

61 141.8 95.0 176.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.226 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017932.D

Acq: 12 Aug 2020 17:11

Instrument :

MSVOA_V

ClientSampleId :

BG0D2

Tot Ion: 95 Resp: 2473

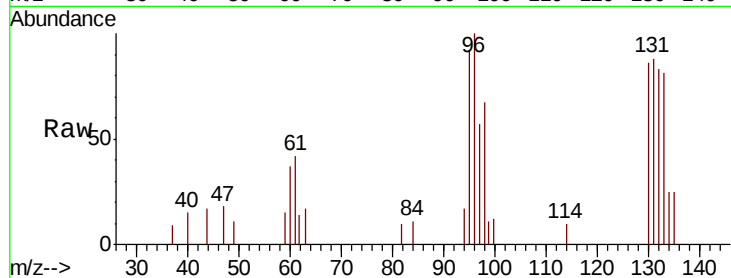
Ion Ratio Lower Upper

95 100

97 62.5 46.0 85.4

132 90.7 65.8 122.2

130 94.0 69.2 128.6

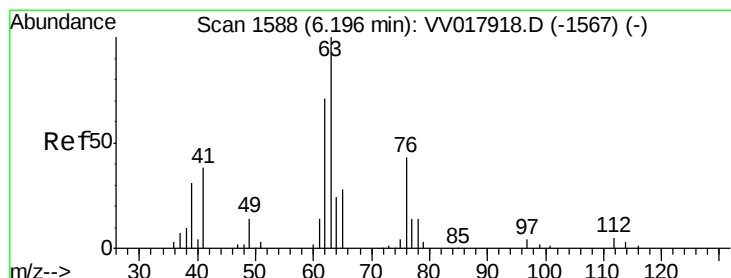
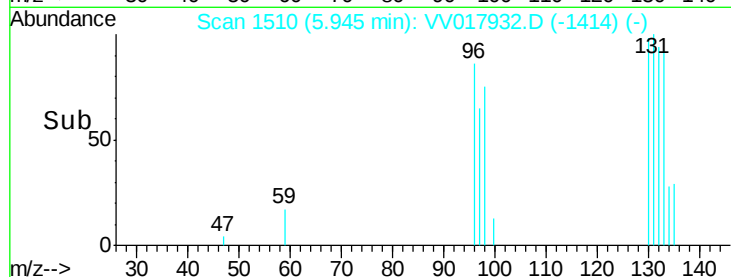
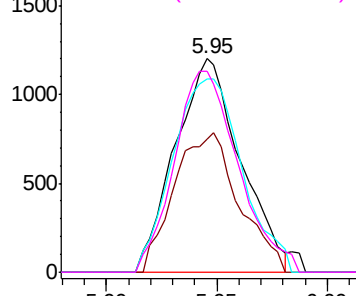


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.095 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017932.D

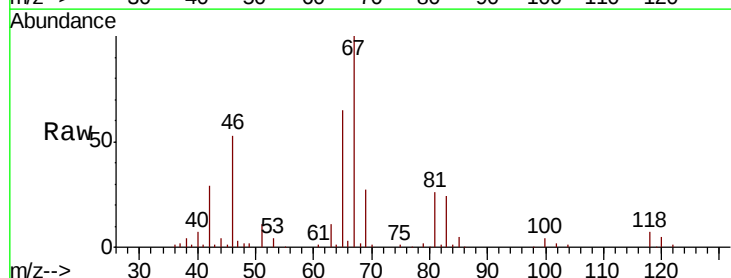
Acq: 12 Aug 2020 17:11

Tgt Ion: 63 Resp: 12689

Ion Ratio Lower Upper

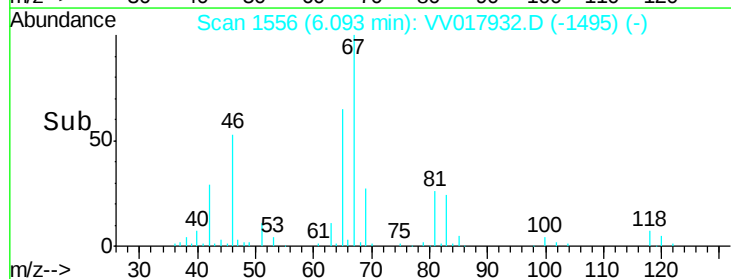
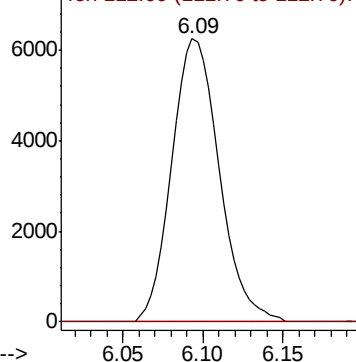
63 100

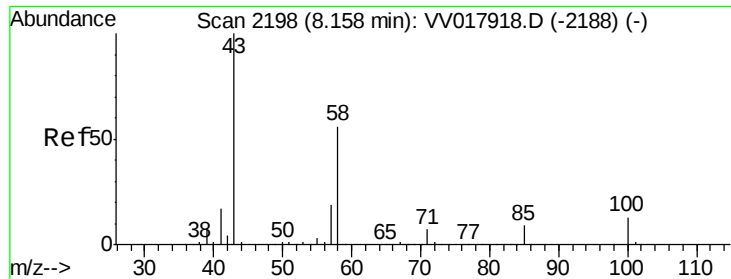
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

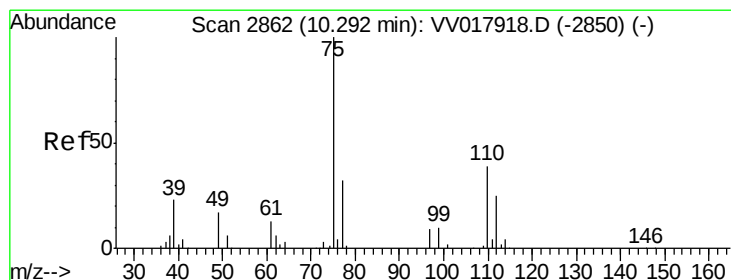
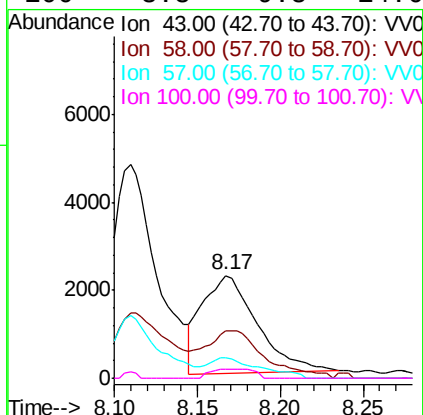
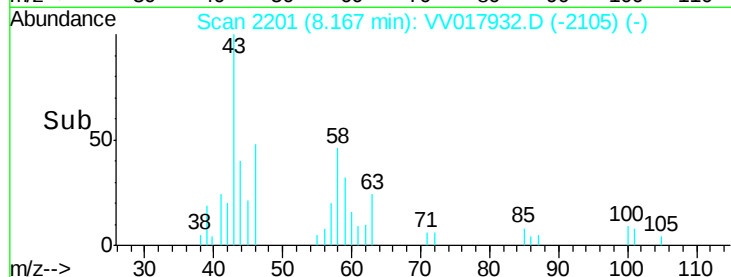
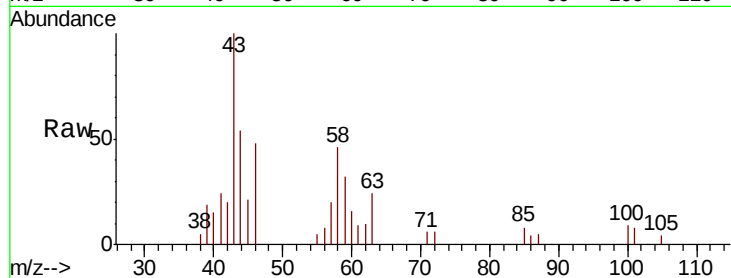




#48
2-Hexanone
Concen: 2.361 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017932.D
Acq: 12 Aug 2020 17:11

Instrument :
MSVOA_V
ClientSampleId :
BG0D2

Tot Ion: 43 Resp: 5181
Ion Ratio Lower Upper
43 100
58 41.8 44.4 66.6#
57 10.8 15.2 22.8#
100 3.8 9.8 14.6#



#59
1,2,3-Trichloropropane
Concen: 5.181 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV017932.D
Acq: 12 Aug 2020 17:11

Tgt Ion: 75 Resp: 13320
Ion Ratio Lower Upper
75 100
77 35.4 25.7 38.5

