

Data File : VW014863.D
Acq On : 04 Feb 2020 17:05
Operator : SY/VA
Sample : L1324-01
Misc : 4.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT58

Quant Time: Feb 05 03:45:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 03:41:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	689250	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	654738	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	287803	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	189624	17.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.24%
7) Chloroethane-d5	2.89	69	192584	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.64%
10) 1,1-Dichloroethene-d2	4.01	63	325852	14.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.84%
20) 2-Butanone-d5	7.07	46	173361	42.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.46%
24) Chloroform-d	7.65	84	452669	20.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.52%
26) 1,2-Dichloroethane-d4	8.31	65	268357	21.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.04%
29) Benzene-d6	8.27	84	941408	20.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.60%
33) 1,2-Dichloropropane-d6	9.27	67	319267	21.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.40%
37) Toluene-d8	10.32	98	824274	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.84%
38) trans-1,3-Dichloropropene-	10.57	79	114838	19.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.72%
39) 2-Hexanone-d5	10.92	63	130330	44.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	252819	21.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	278200	23.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.28%

Target Compounds

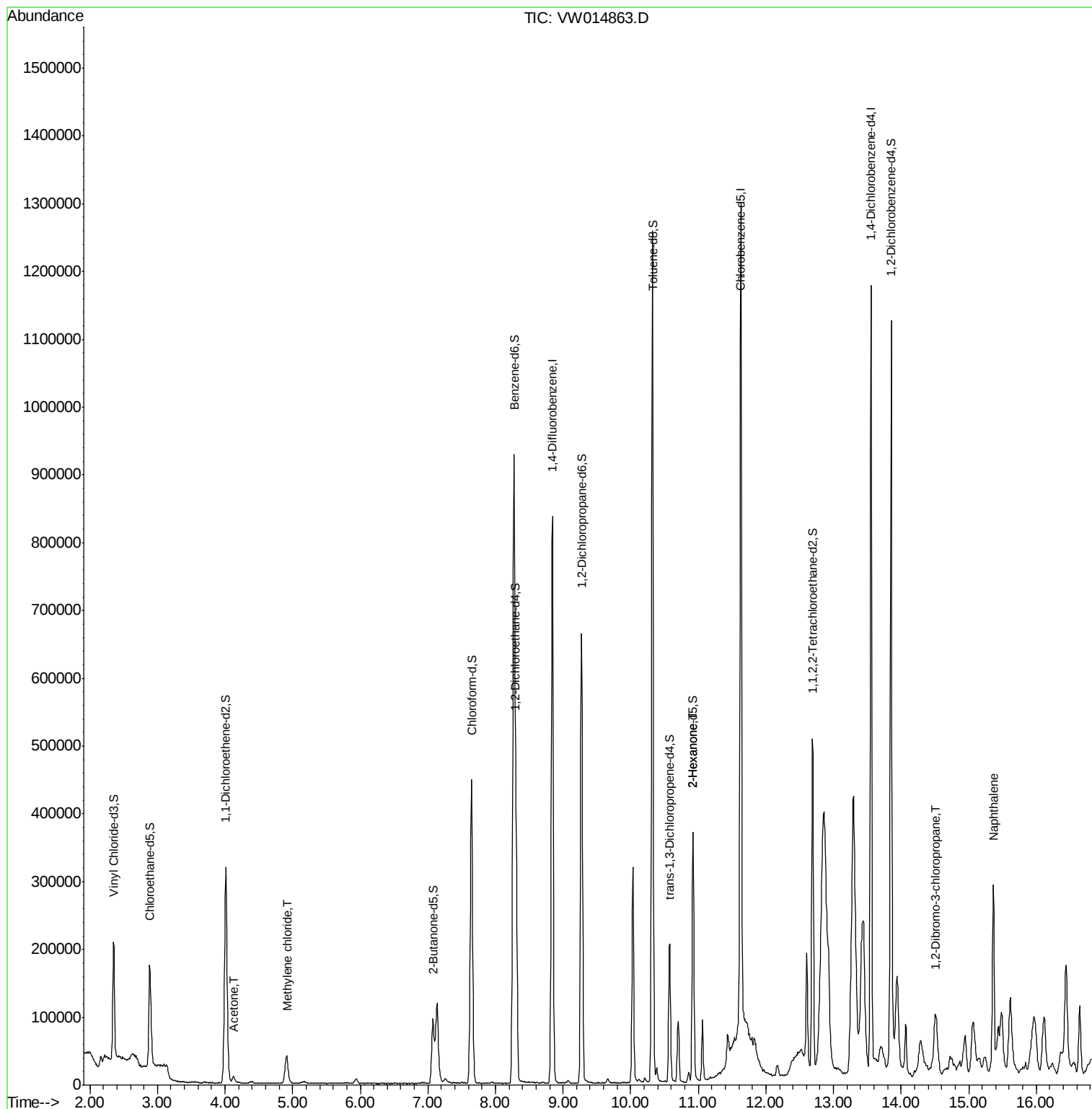
					Qvalue
13) Acetone	4.12	43	18257	4.161 ug/L	99
16) Methylene chloride	4.91	84	29721	2.335 ug/L	99
49) 2-Hexanone	10.92	43	15760	2.516 ug/L #	66
66) 1,2-Dibromo-3-chloropropan	14.50	75	9731	5.673 ug/L #	16
69) Naphthalene	15.36	128	227062	10.473 ug/L	99

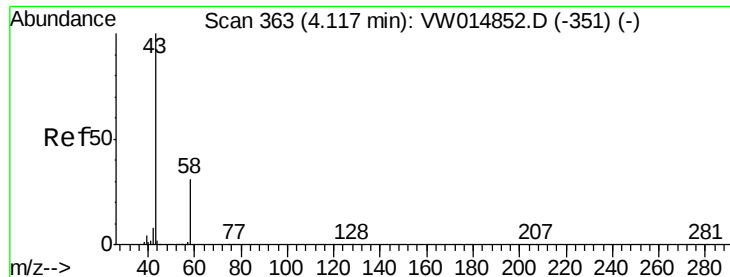
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014863.D
Acq On : 04 Feb 2020 17:05
Operator : SY/VA
Sample : L1324-01
Misc : 4.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT58

Quant Time: Feb 05 03:45:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 03:41:59 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.161 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014863.D

Acq: 04 Feb 2020 17:05

Instrument :

MSVOA_W

ClientSampleId :

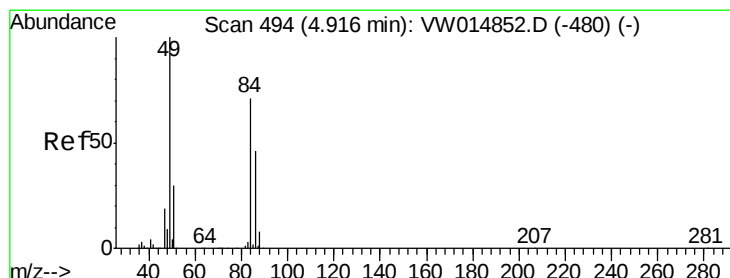
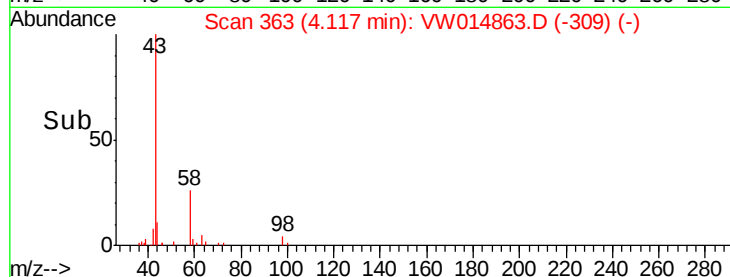
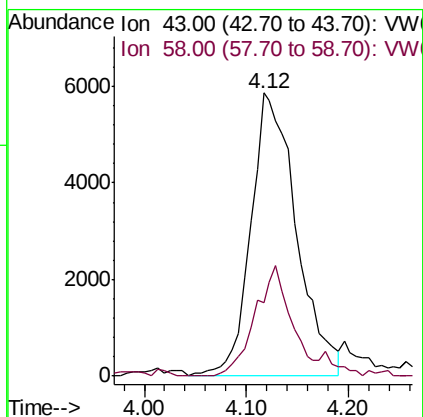
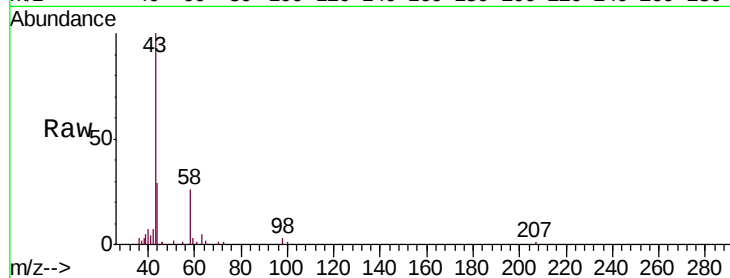
GAT58

Tgt Ion: 43 Resp: 18257

Ion Ratio Lower Upper

43 100

58 30.5 0.0 60.2



#16

Methylene chloride

Concen: 2.335 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW014863.D

Acq: 04 Feb 2020 17:05

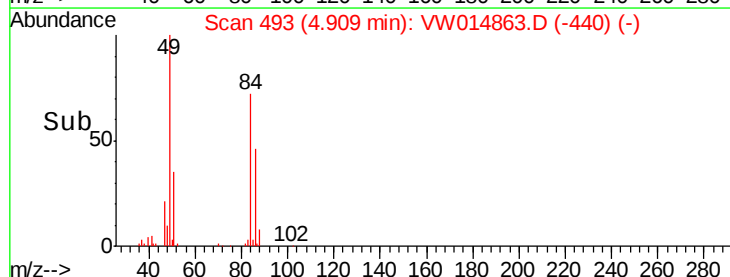
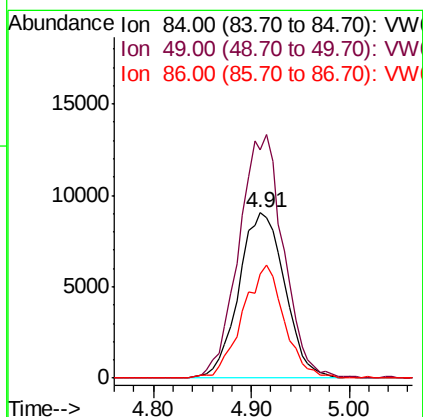
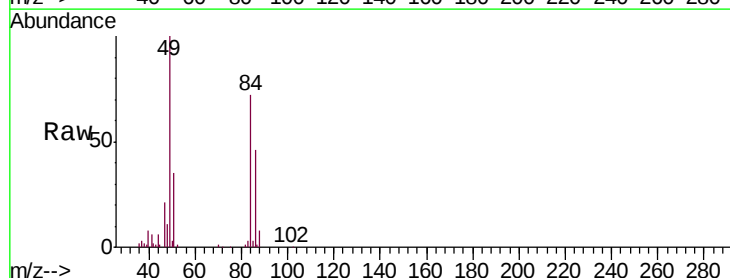
Tgt Ion: 84 Resp: 29721

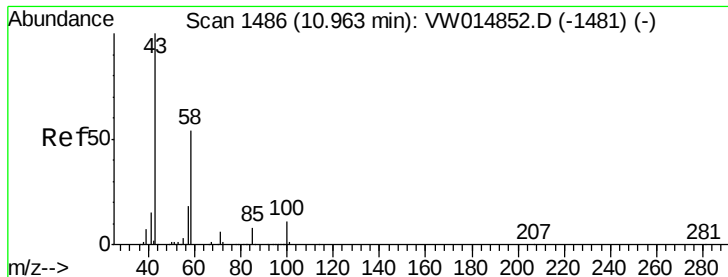
Ion Ratio Lower Upper

84 100

49 138.6 96.6 179.4

86 63.1 43.8 81.4





#49

2-Hexanone

Concen: 2.516 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014863.D

Acq: 04 Feb 2020 17:05

Instrument :

MSVOA_W

ClientSampled :

GAT58

Tgt Ion: 43 Resp: 15760

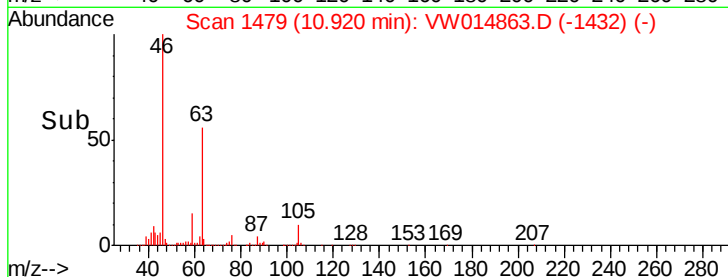
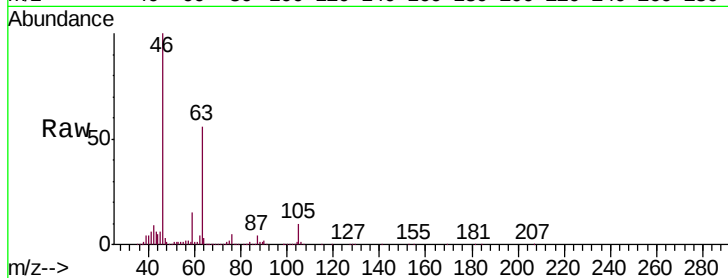
Ion Ratio Lower Upper

43 100

58 23.1 41.1 61.7#

57 27.0 14.1 21.1#

100 0.6 8.1 12.1#

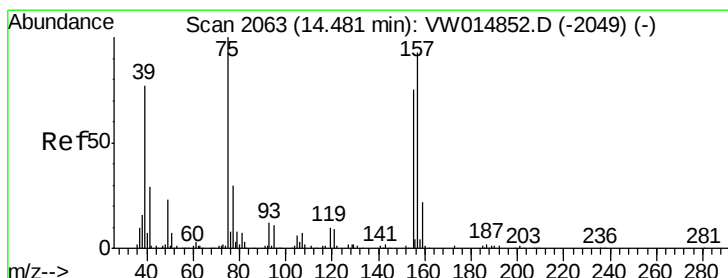
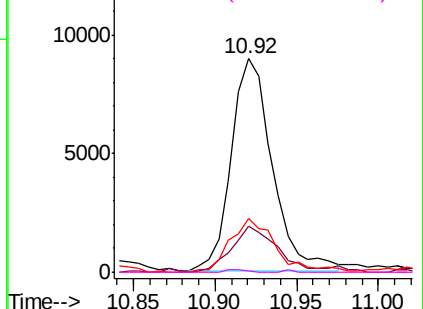


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#66

1,2-Dibromo-3-chloropropane

Concen: 5.673 ug/L

RT: 14.50 min Scan# 2066

Delta R.T. 0.02 min

Lab File: VW014863.D

Acq: 04 Feb 2020 17:05

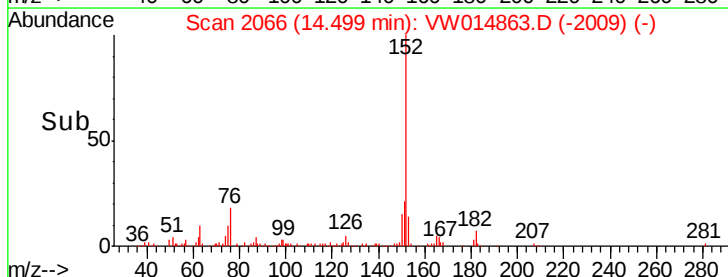
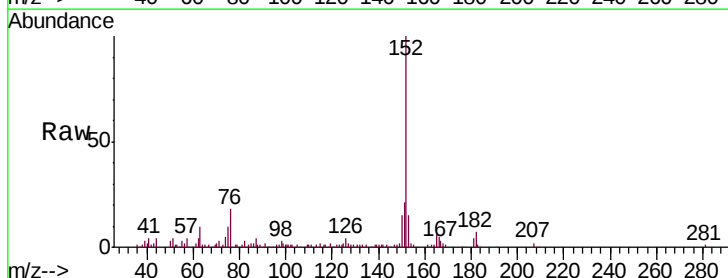
Tgt Ion: 75 Resp: 9731

Ion Ratio Lower Upper

75 100

157 4.0 68.2 102.2#

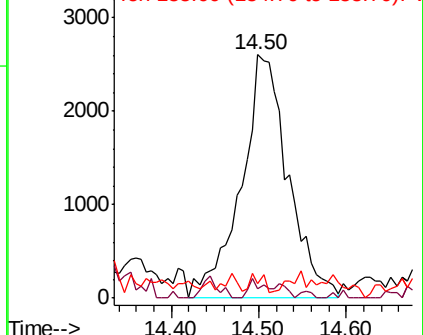
155 6.0 56.0 84.0#

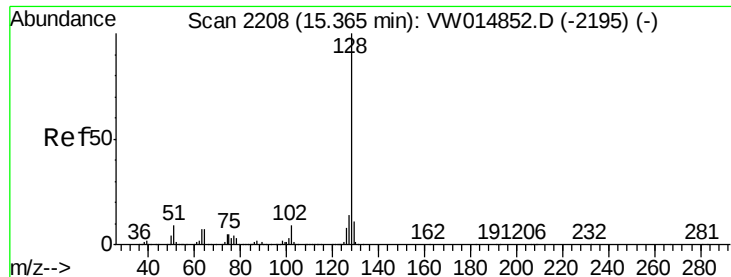


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): VW

Ion 155.00 (154.70 to 155.70): VW





#69

Naphthalene

Concen: 10.473 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014863.D

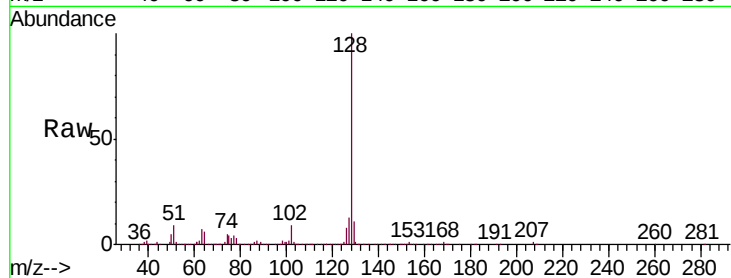
Acq: 04 Feb 2020 17:05

Instrument :

MSVOA_W

ClientSampleId :

GAT58



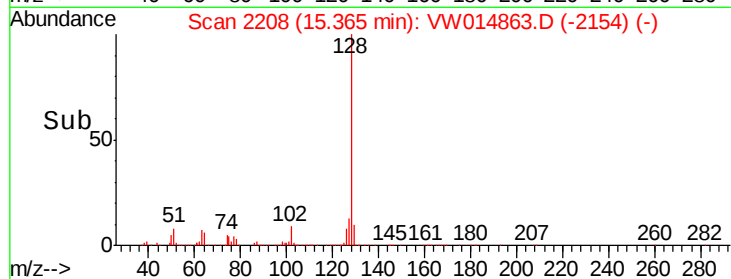
Tgt Ion:128 Resp: 227062

Ion Ratio Lower Upper

128 100

129 10.6 8.7 13.1

127 13.7 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

