

Data File : VW014777.D
Acq On : 27 Jan 2020 20:32
Operator : SY/VA
Sample : L1271-15
Misc : 4.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT06

Quant Time: Jan 28 07:22:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 28 07:18:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1072602	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1003004	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	468749	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	433426	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.04%
7) Chloroethane-d5	2.89	69	327475	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.76%
10) 1,1-Dichloroethene-d2	4.01	63	557751	18.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.56%
20) 2-Butanone-d5	7.07	46	218612	45.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.64%
24) Chloroform-d	7.65	84	718863	24.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.12%
26) 1,2-Dichloroethane-d4	8.31	65	398363	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.92%
29) Benzene-d6	8.27	84	1516930	24.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.12%
33) 1,2-Dichloropropane-d6	9.27	67	479615	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.76%
37) Toluene-d8	10.32	98	1343471	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.56%
38) trans-1,3-Dichloropropene-	10.57	79	186498	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.40%
39) 2-Hexanone-d5	10.92	63	169794	46.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	356148	23.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	476000	25.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.64%

Target Compounds

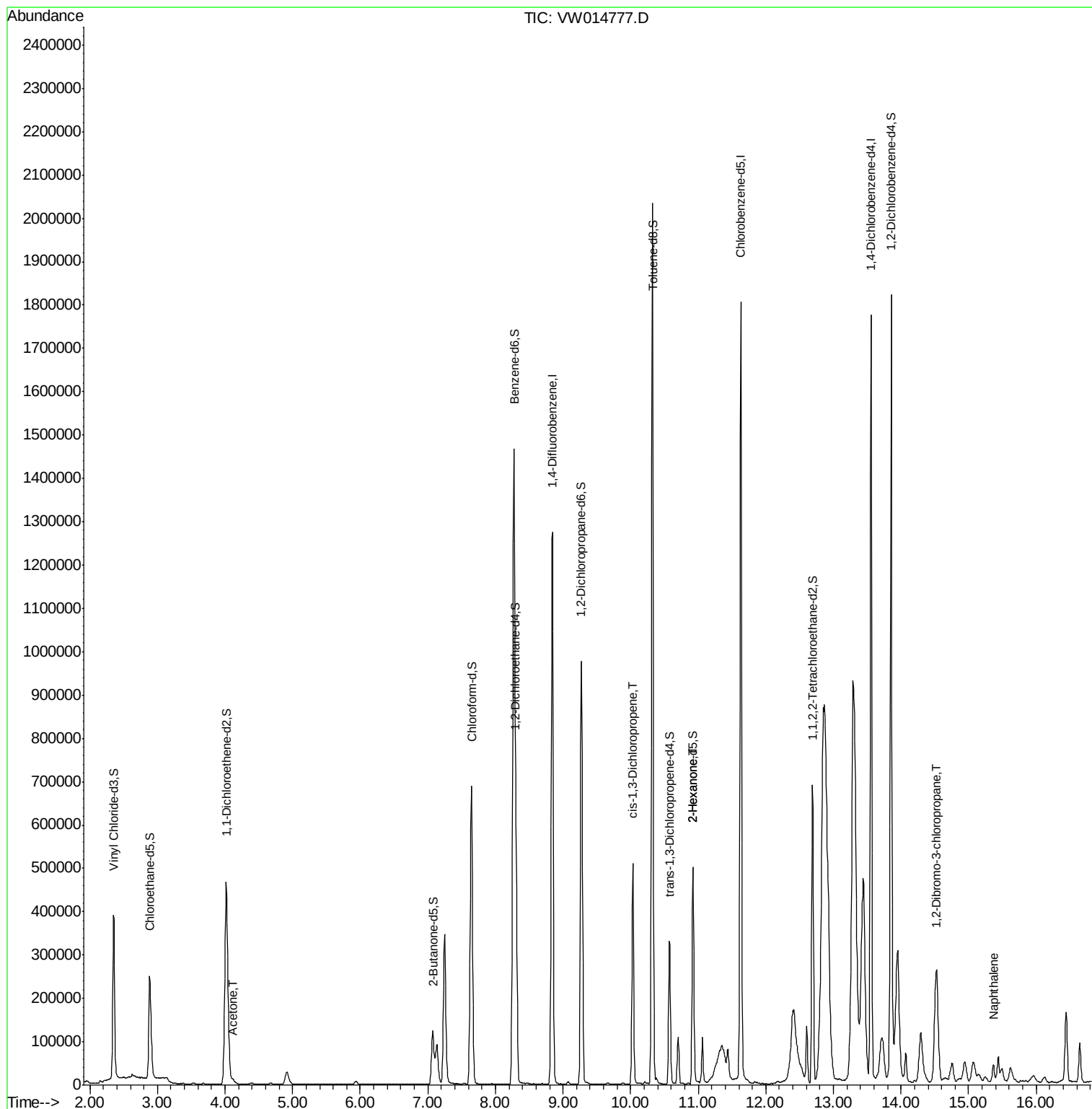
					Qvalue
13) Acetone	4.12	43	14675	2.840 ug/L	92
42) cis-1,3-Dichloropropene	10.03	75	10941	0.460 ug/L #	56
49) 2-Hexanone	10.92	43	20293	2.636 ug/L #	64
66) 1,2-Dibromo-3-chloropropan	14.51	75	23354	10.344 ug/L #	3
69) Naphthalene	15.36	128	35147	1.168 ug/L	96

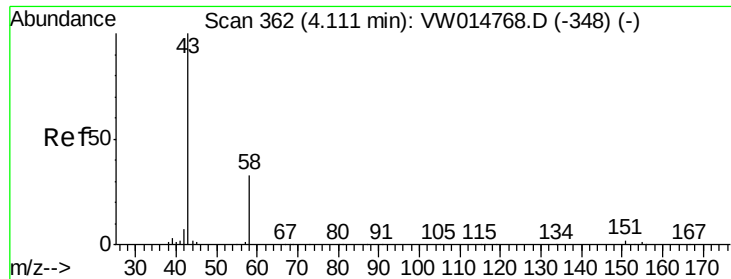
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.840 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 27 Jan 2020 20:32

Instrument :

MSVOA_W

ClientSampled :

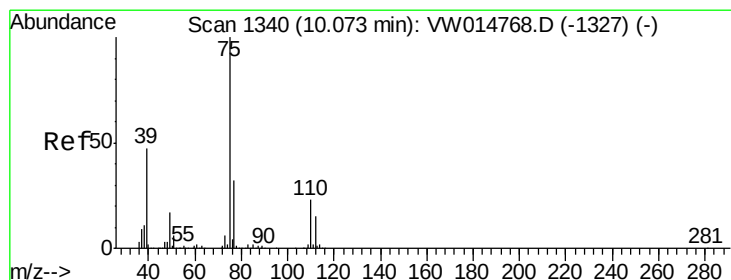
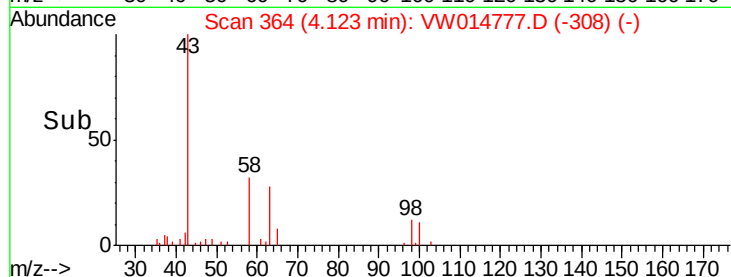
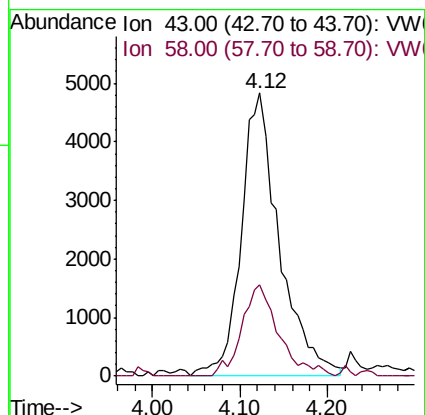
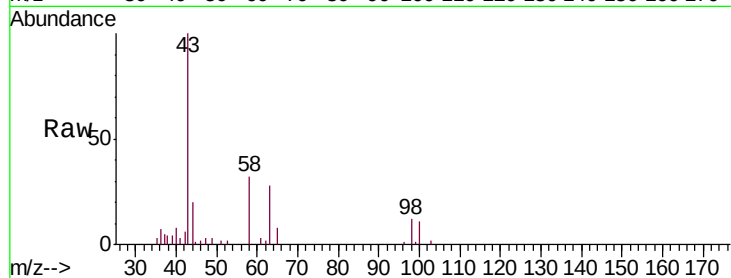
GAT06

Tgt Ion: 43 Resp: 14675

Ion Ratio Lower Upper

43 100

58 27.7 0.0 64.6



#42

cis-1,3-Dichloropropene

Concen: 0.460 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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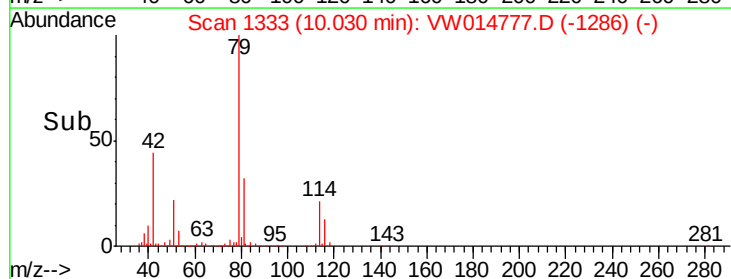
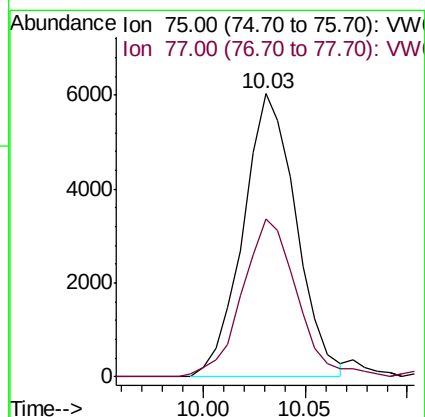
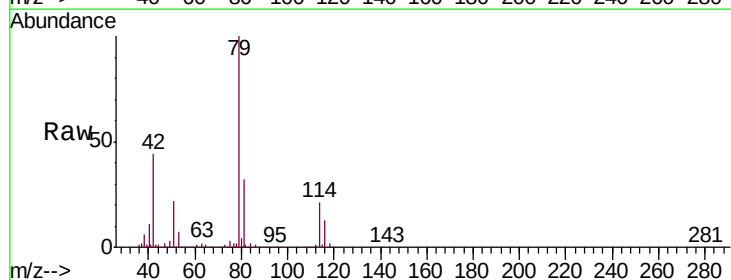
Acq: 27 Jan 2020 20:32

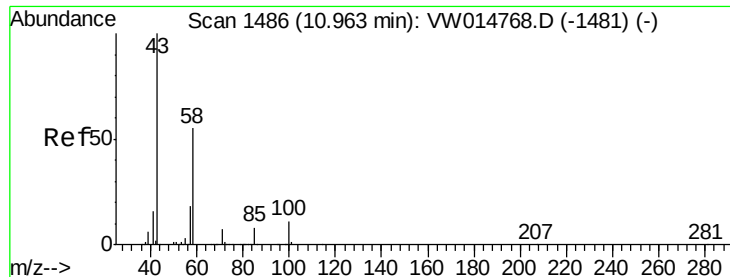
Tgt Ion: 75 Resp: 10941

Ion Ratio Lower Upper

75 100

77 56.0 22.3 41.3#





#49

2-Hexanone

Concen: 2.636 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014777.D

Acq: 27 Jan 2020 20:32

Instrument :

MSVOA_W

ClientSampleId :

GAT06

Tgt Ion: 43 Resp: 20293

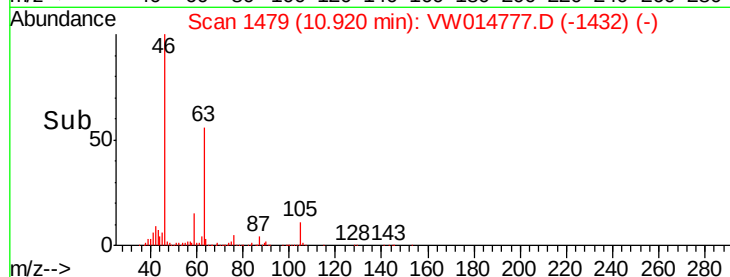
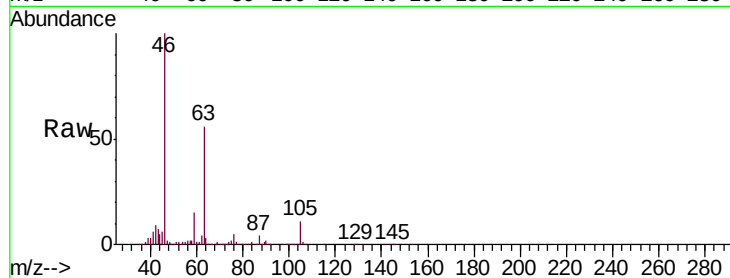
Ion Ratio Lower Upper

43 100

58 23.6 43.2 64.8#

57 29.5 14.7 22.1#

100 1.8 9.4 14.0#

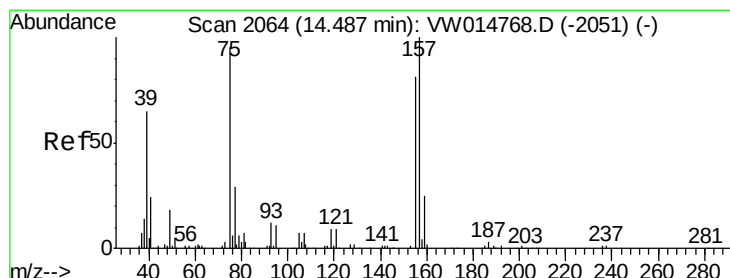
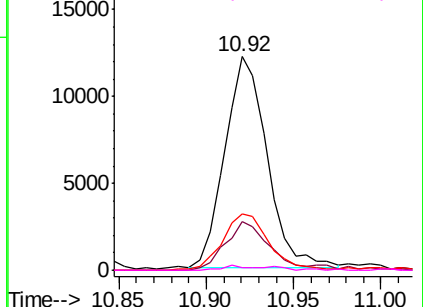


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 10.344 ug/L

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

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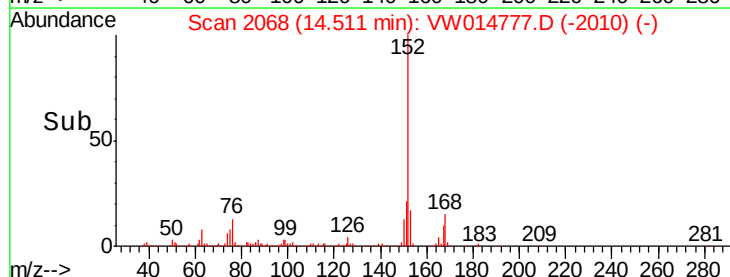
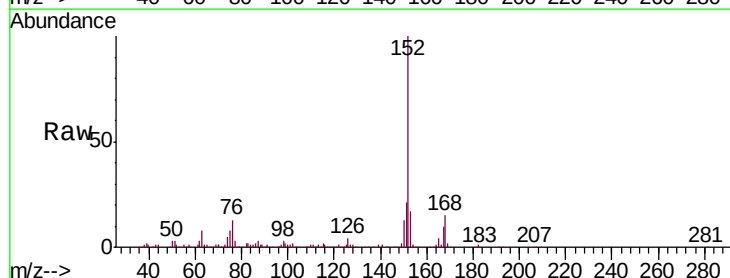
Tgt Ion: 75 Resp: 23354

Ion Ratio Lower Upper

75 100

157 0.0 84.9 127.3#

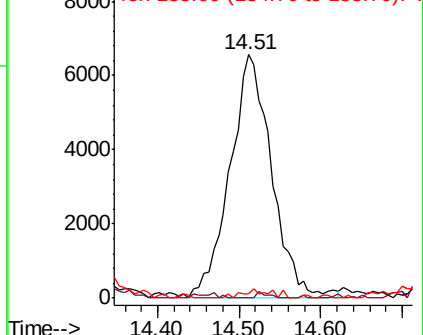
155 1.6 67.1 100.7#

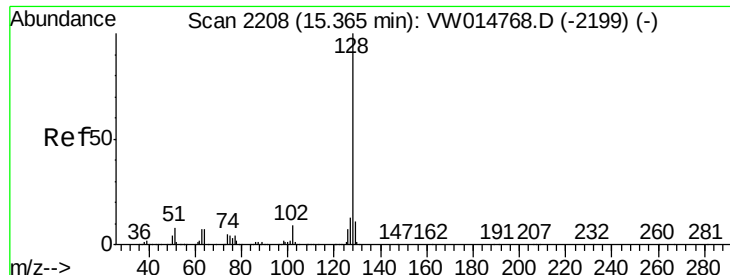


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): VW

Ion 155.00 (154.70 to 155.70): VW





#69

Naphthalene

Concen: 1.168 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

GAT06

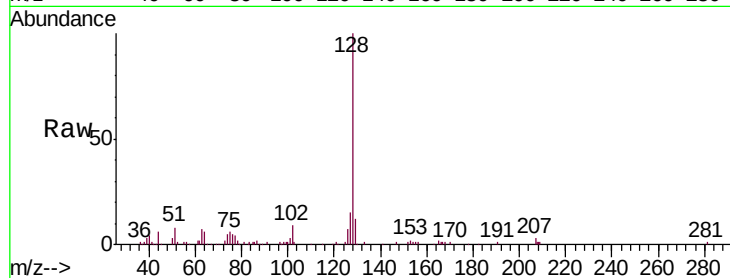
Tgt Ion:128 Resp: 35147

Ion Ratio Lower Upper

128 100

129 11.9 8.6 13.0

127 15.4 10.5 15.7



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

