

Data File : VV010666.D
Acq On : 03 May 2019 19:30
Operator : SY/MD
Sample : K2603-21
Misc : 5.08G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ73

Quant Time: May 03 23:55:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	161660	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	154676	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69027	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27150	13.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.08%
7) Chloroethane-d5	1.58	69	22054	15.39	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.56%
10) 1,1-Dichloroethene-d2	2.13	63	40956	11.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.64%
20) 2-Butanone-d5	3.93	46	12839	20.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.24%
24) Chloroform-d	4.40	84	74944	17.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.80%
26) 1,2-Dichloroethane-d4	5.08	65	36726	15.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	61.40%#
29) Benzene-d6	5.10	84	149624	18.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.68%
33) 1,2-Dichloropropane-d6	6.12	67	45645	18.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.36%
37) Toluene-d8	7.36	98	142042	18.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.76%
38) trans-1,3-Dichloropropene-	7.66	79	15238	15.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.04%
39) 2-Hexanone-d5	8.13	63	11450	26.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	30735	13.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	55.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	51526	19.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.60%

Target Compounds

					Qvalue
13) Acetone	2.19	43	1102	2.064 ug/L	99
25) Chloroform	4.42	83	3434	0.861 ug/L	89
40) 1,2-Dichloropropane	6.12	63	4875	2.535 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	8181	5.428 ug/L	94
69) Naphthalene	13.55	128	1613910	365.792 ug/L	99

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

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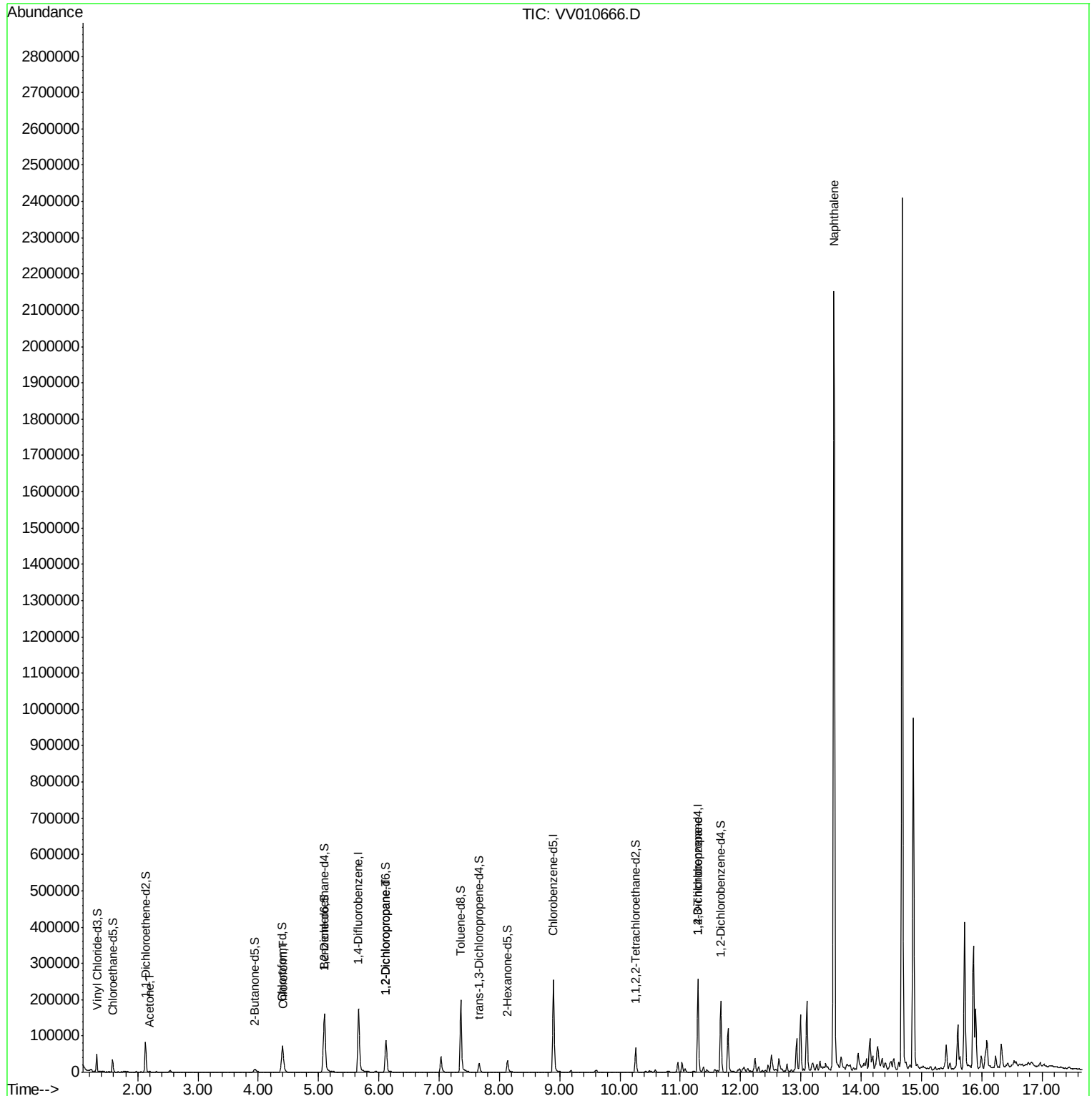
Quant Time: May 03 23:55:00 2019

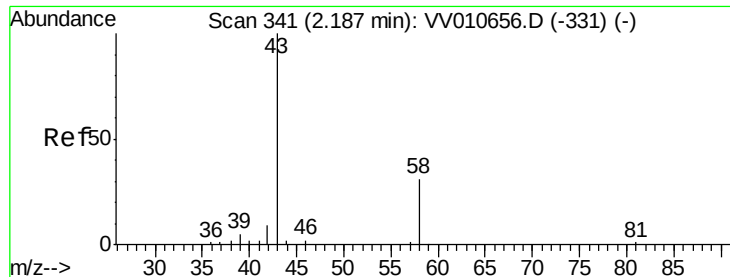
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\S0M2VLM050219S.M

Quant Title : VOC Analysis

QLast Update : Fri May 03 23:50:43 2019

Response via : Initial Calibration





#13

Acetone

Concen: 2.064 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 03 May 2019 19:30

Instrument :

MSVOA_V

ClientSampled :

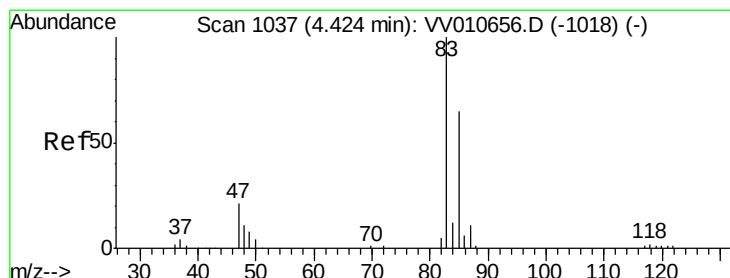
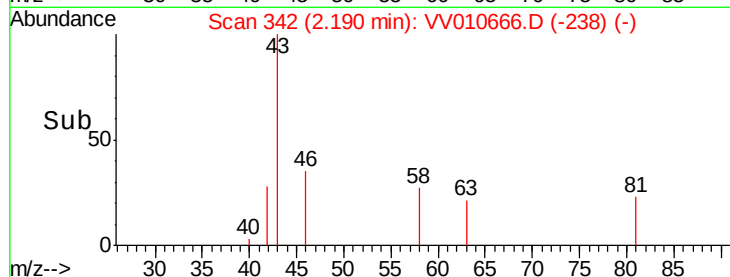
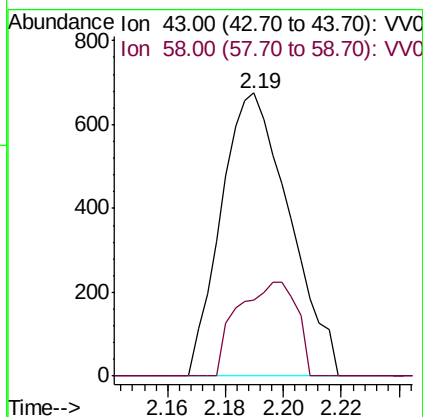
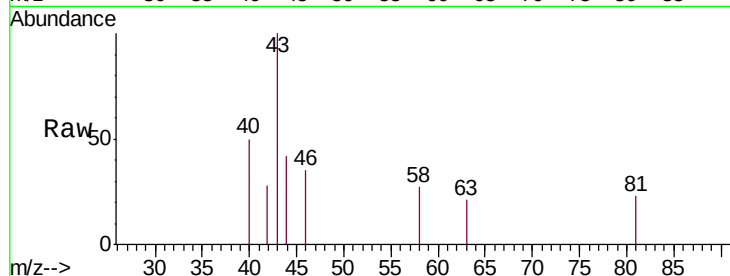
GAJ73

Tgt Ion: 43 Resp: 1102

Ion Ratio Lower Upper

43 100

58 28.6 0.0 58.2



#25

Chloroform

Concen: 0.861 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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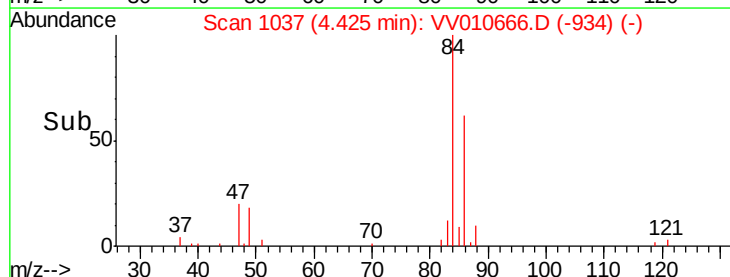
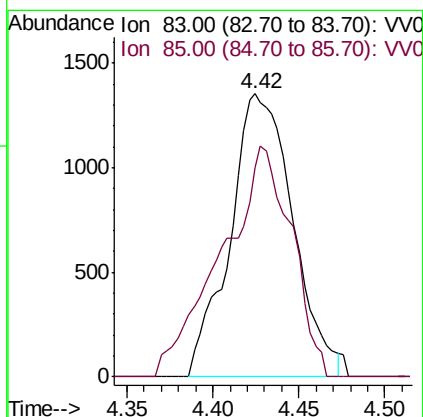
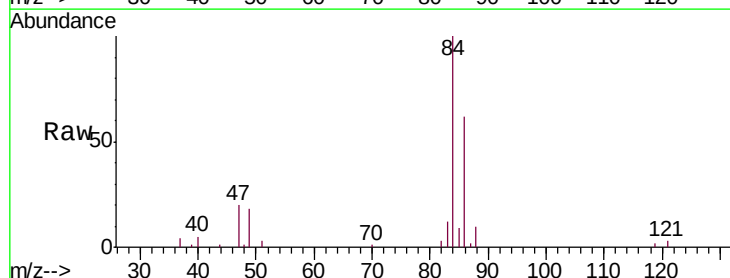
Acq: 03 May 2019 19:30

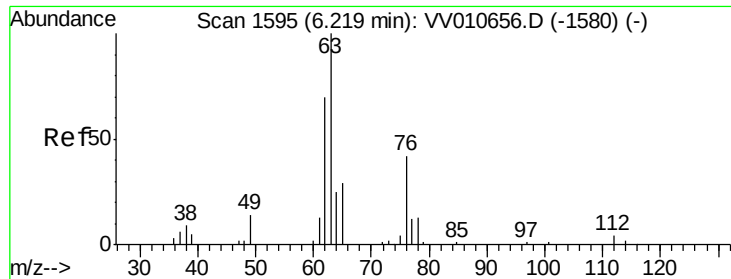
Tgt Ion: 83 Resp: 3434

Ion Ratio Lower Upper

83 100

85 57.3 46.3 86.1

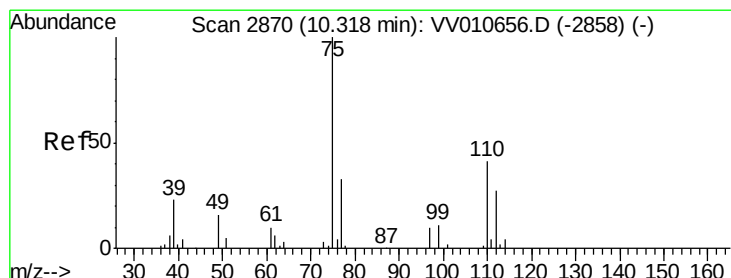
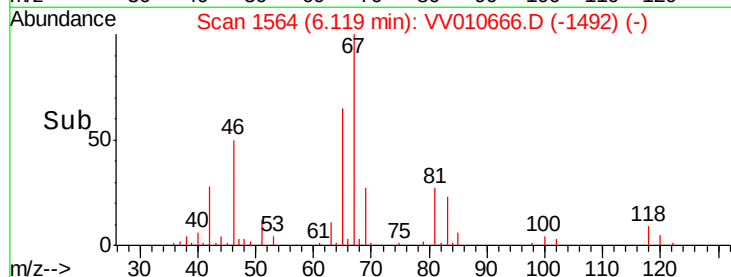
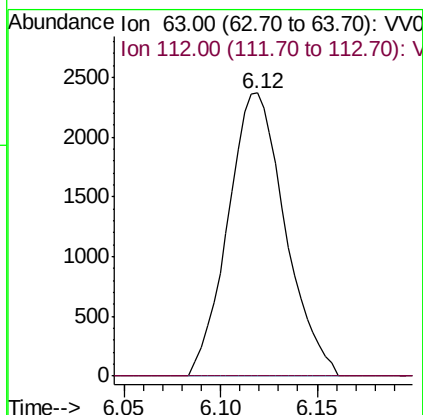
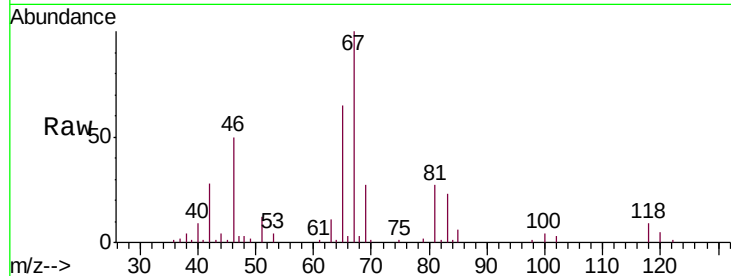




#40
 1,2-Dichloropropane
 Concen: 2.535 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010666.D
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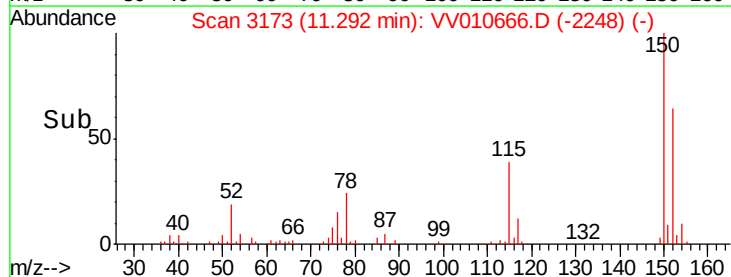
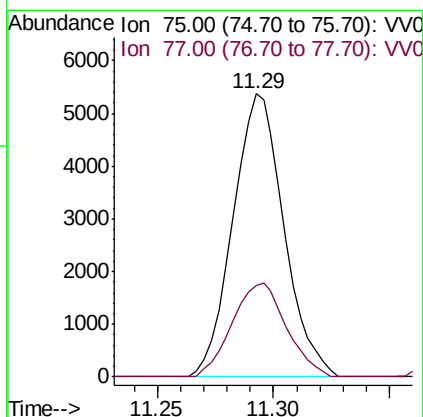
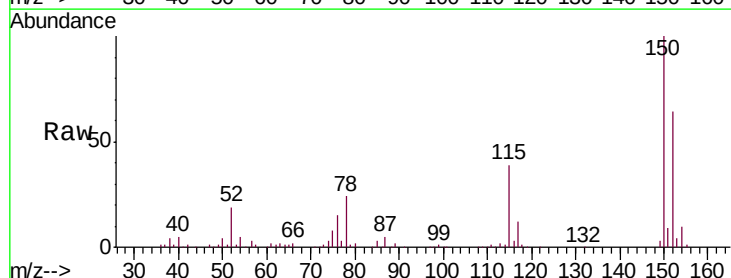
Instrument :
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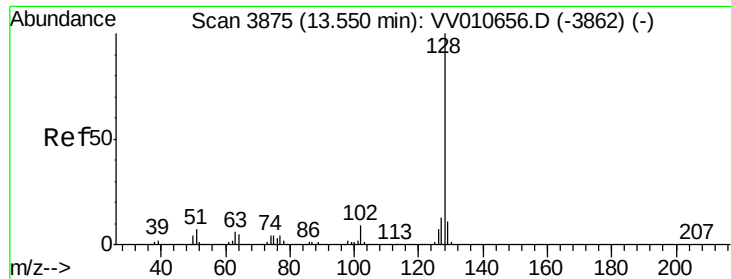
Tgt Ion: 63 Resp: 4875
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.428 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010666.D
 Acq: 03 May 2019 19:30

Tgt Ion: 75 Resp: 8181
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.6 38.4





#69

Naphthalene

Concen: 365.792 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV010666.D

Acq: 03 May 2019 19:30

Instrument :

MSVOA_V

ClientSampleId :

GAJ73

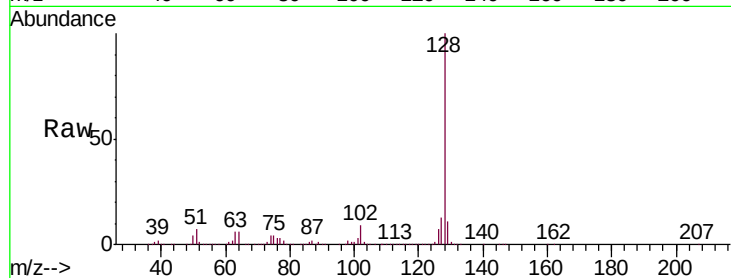
Tgt Ion:128 Resp: 1613910

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 12.9 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

