

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010235.D
 Acq On : 11 Apr 2019 10:44
 Operator : SY/MD
 Sample : VV0411SBL01
 Misc : 5.00G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK66

Quant Time: Apr 12 01:27:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	303174	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	290696	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	129970	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87963	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.84%
7) Chloroethane-d5	1.57	69	76760	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.36%
10) 1,1-Dichloroethene-d2	2.13	63	166889	18.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.16%
20) 2-Butanone-d5	3.93	46	38575	43.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.36%
24) Chloroform-d	4.40	84	166120	23.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	5.08	65	92596	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.92%
29) Benzene-d6	5.10	84	357994	25.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.16%
33) 1,2-Dichloropropane-d6	6.12	67	101797	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.68%
37) Toluene-d8	7.36	98	346576	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.40%
38) trans-1,3-Dichloropropene-	7.66	79	37966	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.36%
39) 2-Hexanone-d5	8.13	63	29637	41.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	82469	22.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	122020	25.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.68%

Target Compounds

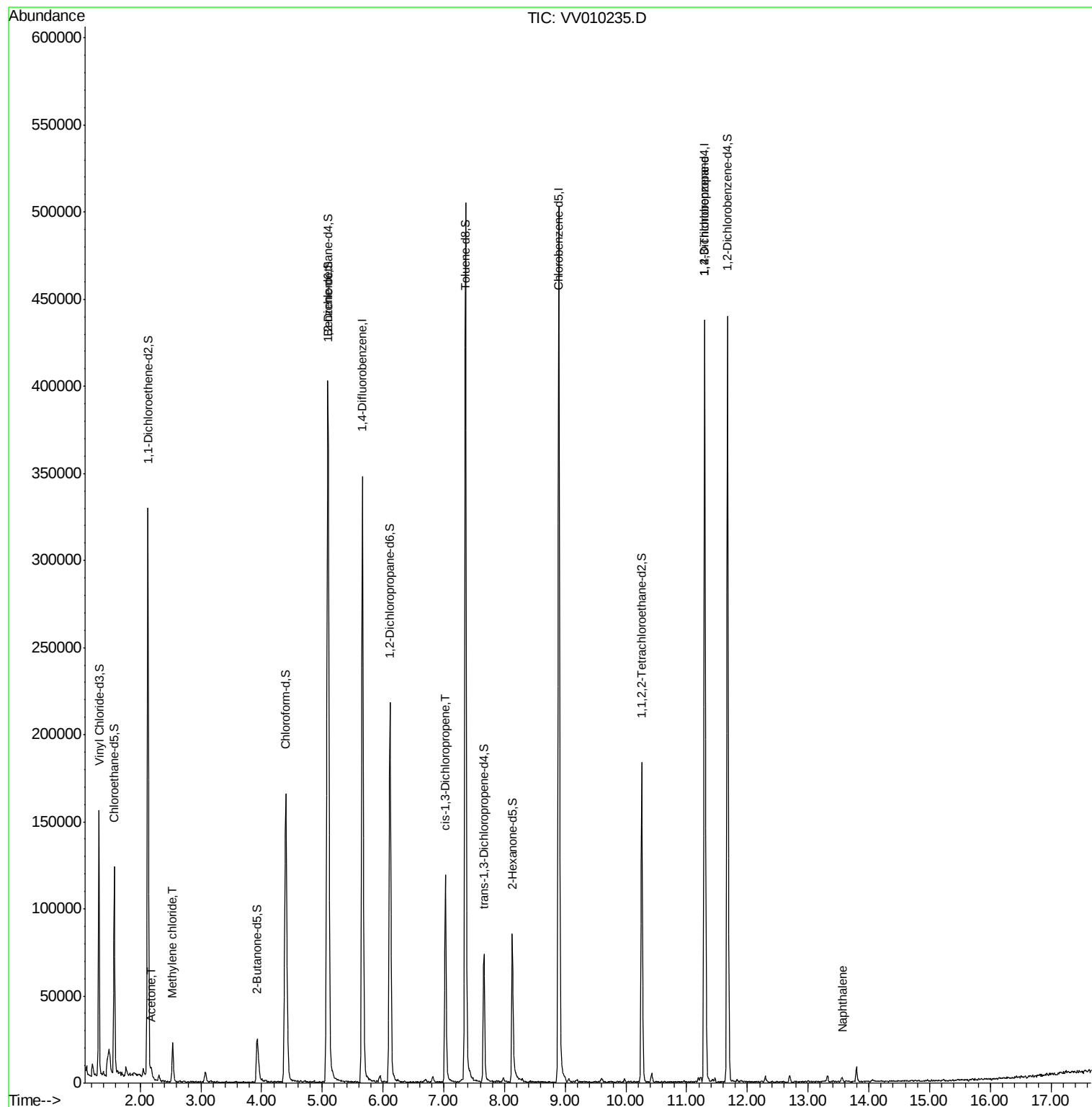
					Qvalue
13) Acetone	2.19	43	1346	1.426 ug/L	85
16) Methylene chloride	2.53	84	9549	1.608 ug/L	88
42) cis-1,3-Dichloropropene	7.03	75	3737	0.684 ug/L #	68
59) 1,2,3-Trichloropropane	11.29	75	16176	5.814 ug/L	95
69) Naphthalene	13.56	128	2789	0.502 ug/L #	88

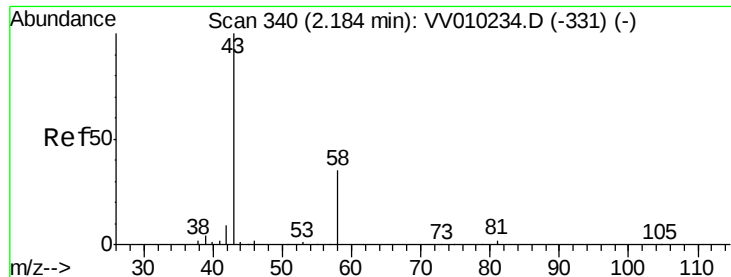
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:24:48 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.426 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010235.D

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MSVOA_V

ClientSampleId :

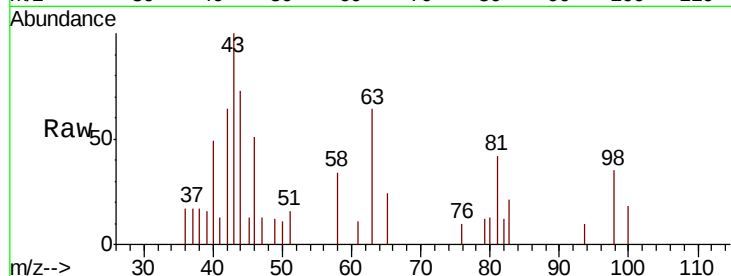
VBLK66

Tgt Ion: 43 Resp: 1346

Ion Ratio Lower Upper

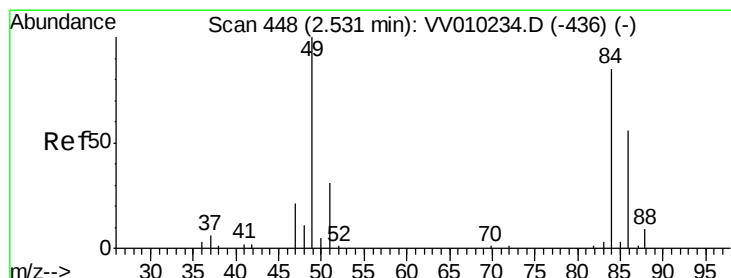
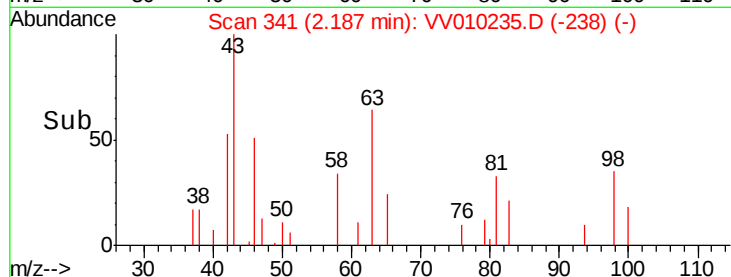
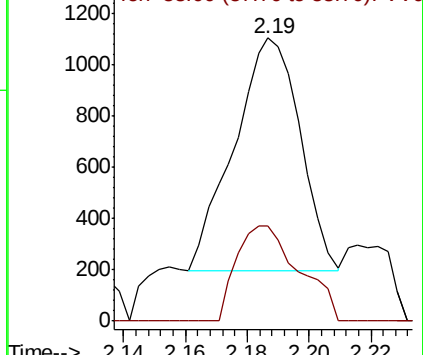
43 100

58 38.9 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 1.608 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010235.D

Acq: 11 Apr 2019 10:44

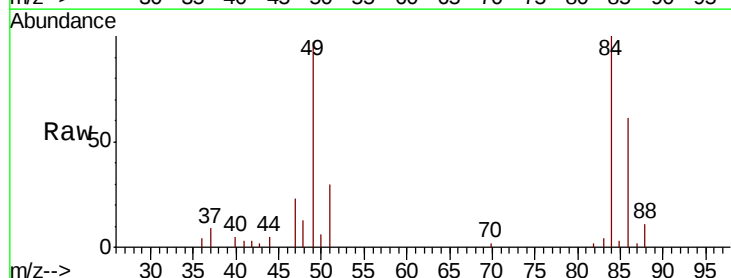
Tgt Ion: 84 Resp: 9549

Ion Ratio Lower Upper

84 100

49 96.8 79.9 148.5

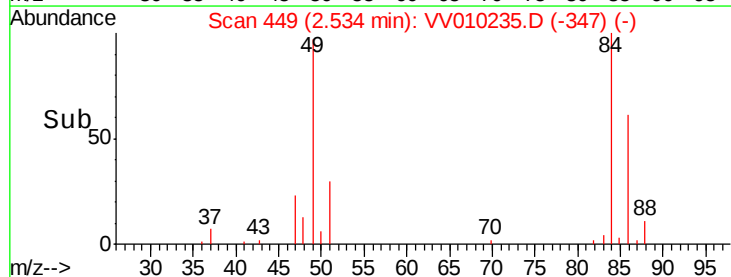
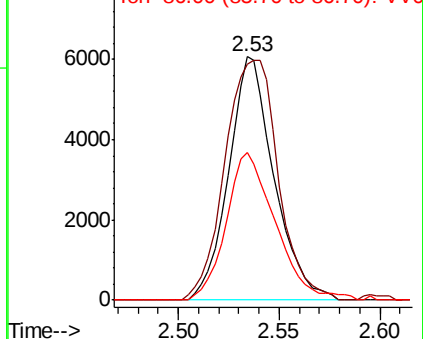
86 60.6 44.5 82.7

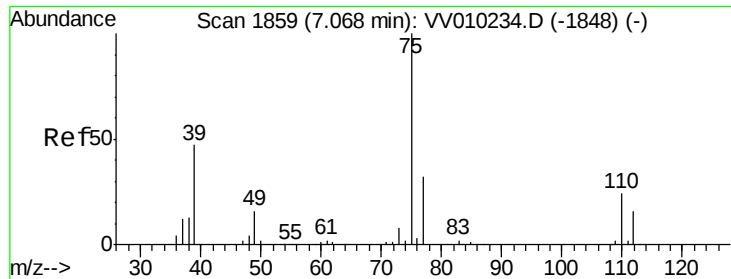


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0



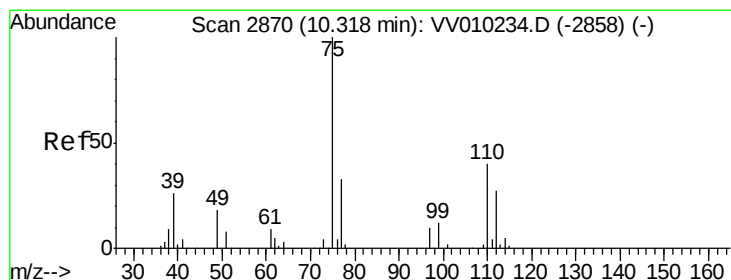
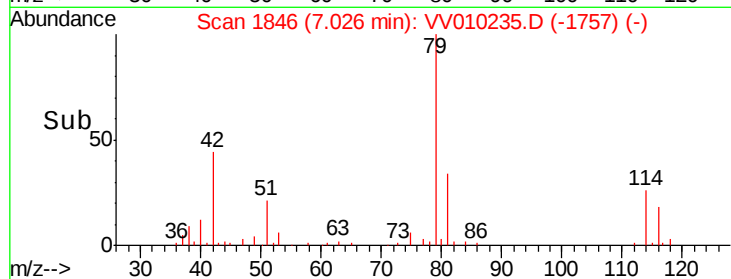
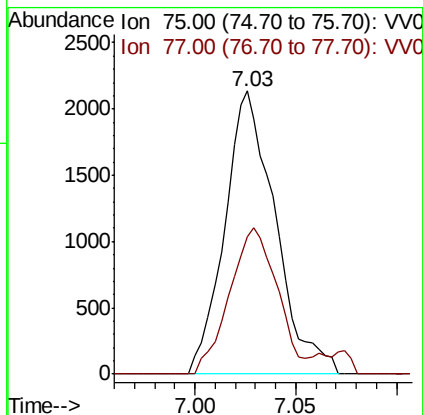
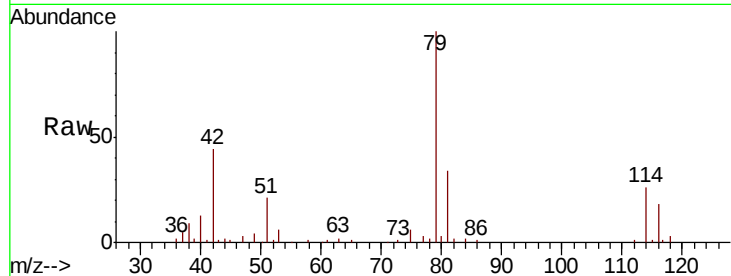


#42

cis-1,3-Dichloropropene
Concen: 0.684 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
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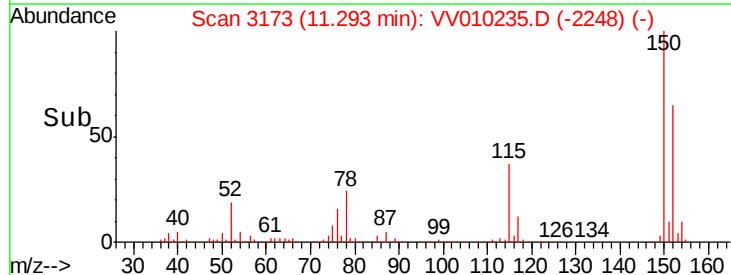
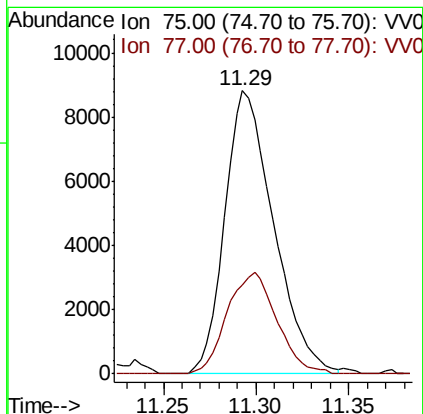
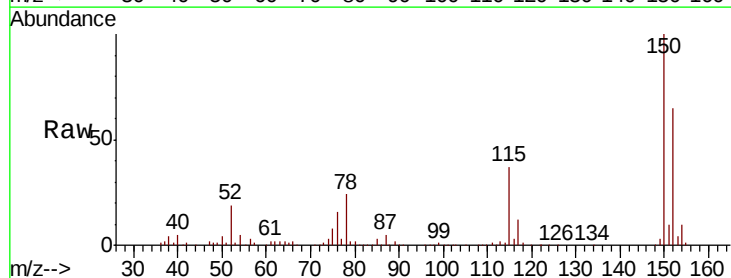
Tgt Ion: 75 Resp: 3737
Ion Ratio Lower Upper
75 100
77 48.7 21.9 40.7#

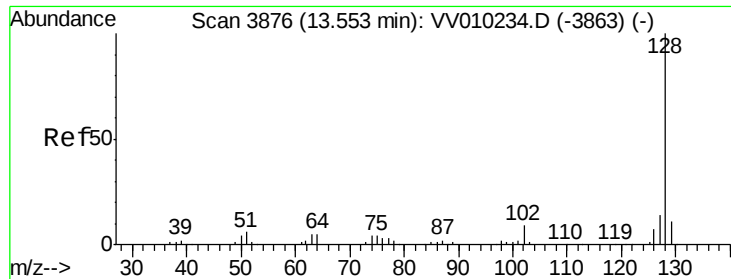


#59

1,2,3-Trichloropropane
Concen: 5.814 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010235.D
Acq: 11 Apr 2019 10:44

Tgt Ion: 75 Resp: 16176
Ion Ratio Lower Upper
75 100
77 36.3 26.9 40.3





#69

Naphthalene

Concen: 0.502 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV010235.D

Acq: 11 Apr 2019 10:44

Instrument :

MSVOA_V

ClientSampleId :

VBLK66

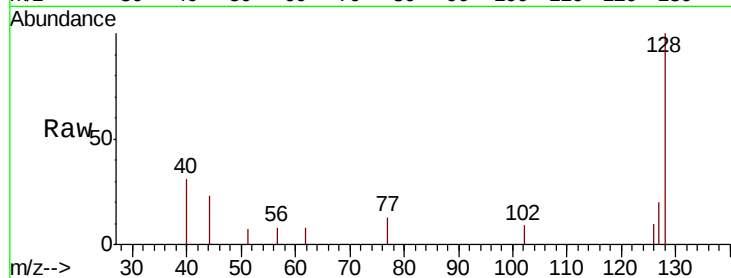
Tgt Ion:128 Resp: 2789

Ion Ratio Lower Upper

128 100

129 3.2 9.0 13.4#

127 11.2 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

