

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031449.D
 Acq On : 23 Apr 2019 19:52
 Operator : JC/SP
 Sample : VU0423WBL03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 24 08:44:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 08:41:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	719778	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	662769	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	271526	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	269889	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.54%
7) Chloroethane-d5	1.68	69	219364	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.27	63	392625	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.40%
21) 2-Butanone-d5	4.19	46	469027	107.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.56%
24) Chloroform-d	4.64	84	451068	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
26) 1,2-Dichloroethane-d4	5.31	65	279933	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
32) Benzene-d6	5.34	84	964236	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
36) 1,2-Dichloropropane-d6	6.32	67	310629	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.84%
41) Toluene-d8	7.56	98	841448	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.85	79	132607	47.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.46%
47) 2-Hexanone-d5	8.31	63	335560	108.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	418670	50.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	275955	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%

Target Compounds

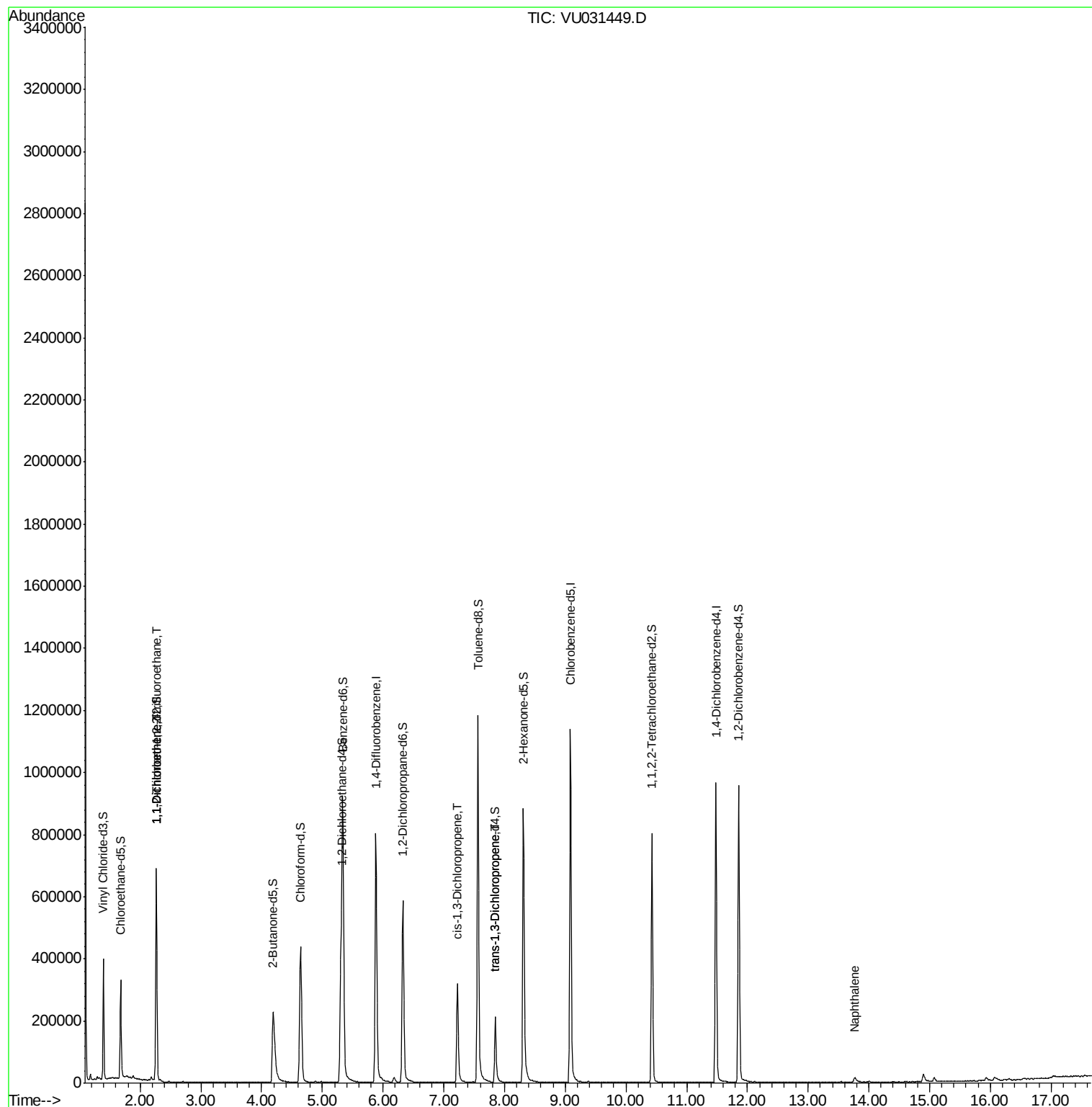
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3494	0.784 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2989	0.682 ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	7003	0.916 ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	4957	0.752 ug/L	94
69) Naphthalene	13.77	128	23310	1.423 ug/L #	76

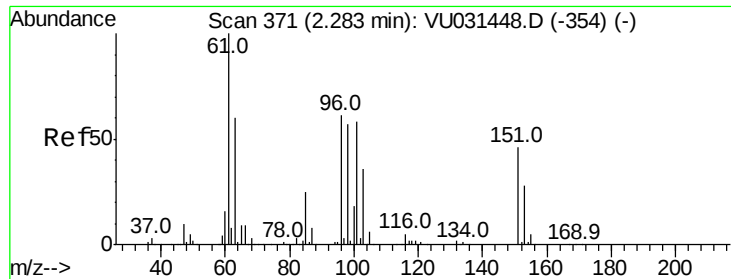
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 24 08:41:52 2019
Response via : Initial Calibration





#10

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

Concen: 0.784 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031449.D

Acq: 23 Apr 2019 19:52

Instrument :

MSVOA_U

ClientSampled :

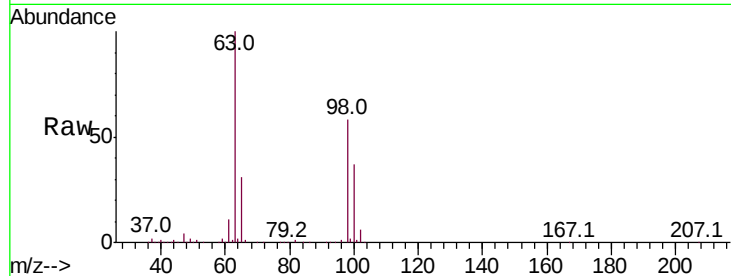
Tot Ion:101 Resp: 3494

Ion Ratio Lower Upper

101 100

85 2.0 33.1 49.7#

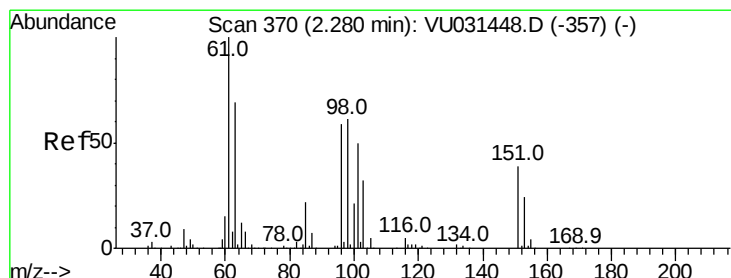
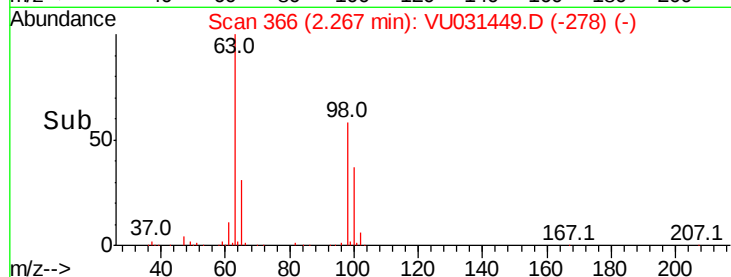
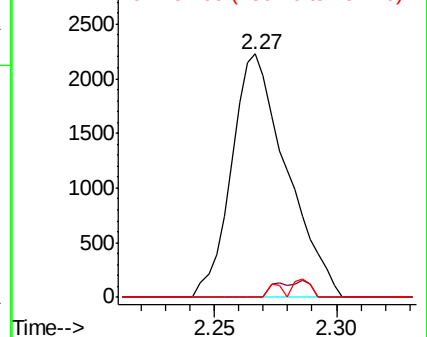
151 1.2 61.4 92.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.682 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031449.D

Acq: 23 Apr 2019 19:52

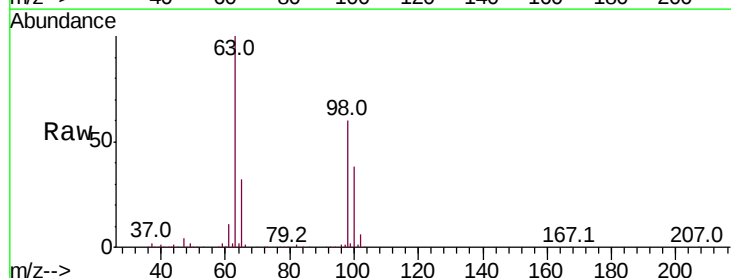
Tgt Ion: 96 Resp: 2989

Ion Ratio Lower Upper

96 100

61 1270.3 118.9 220.9#

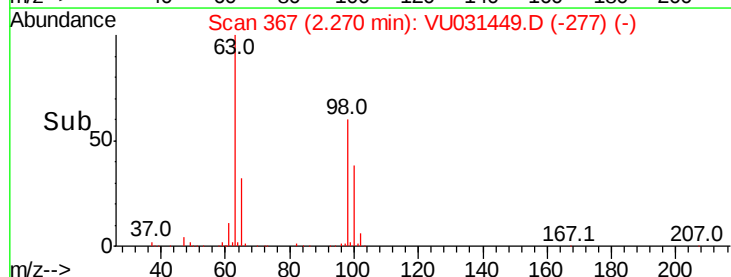
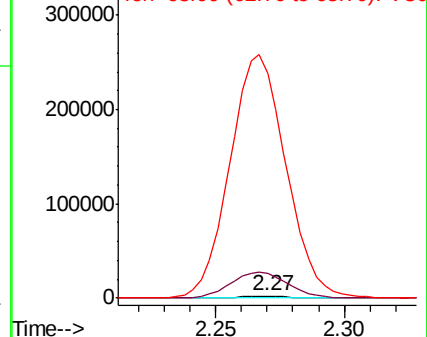
63 11284.1 99.3 184.3#

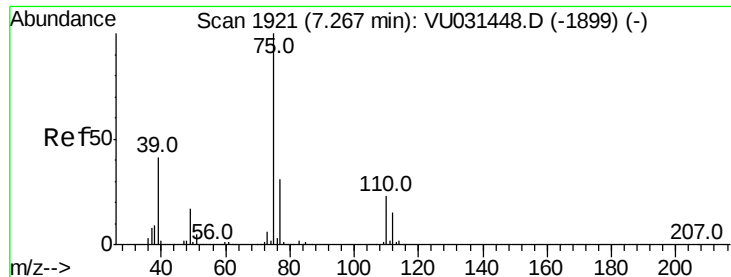


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



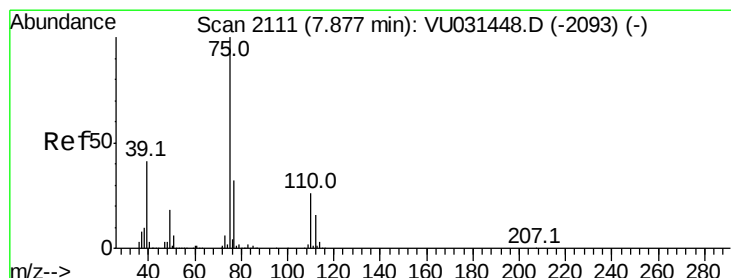
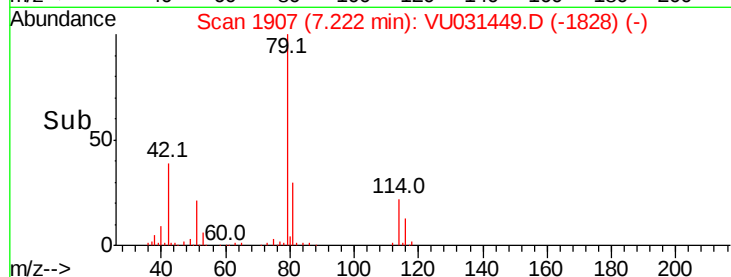
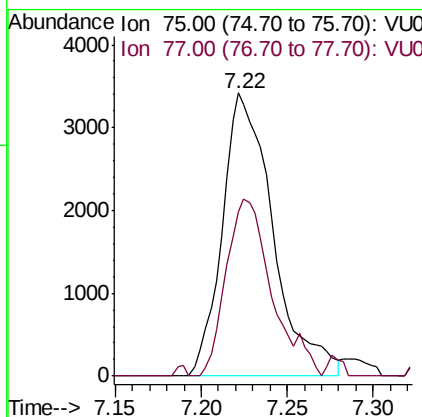
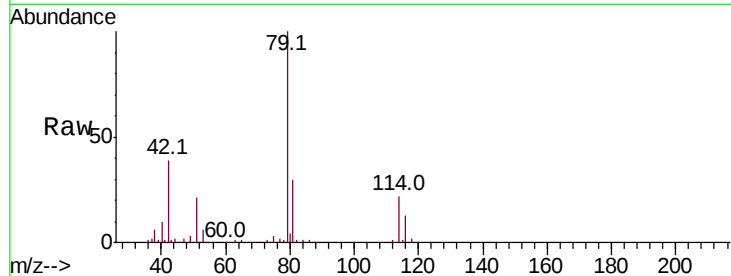


#39

cis-1,3-Dichloropropene
 Concen: 0.916 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU031449.D
 Acq: 23 Apr 2019 19:52

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 MSVOA_U
 ClientSampleId :

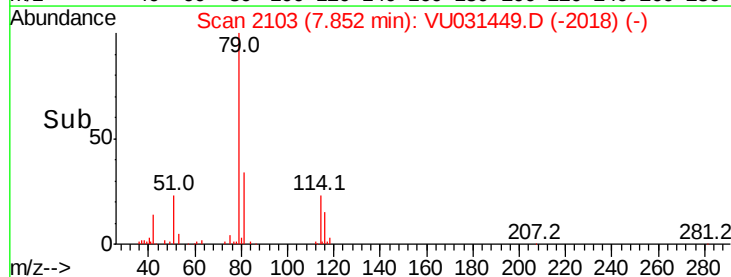
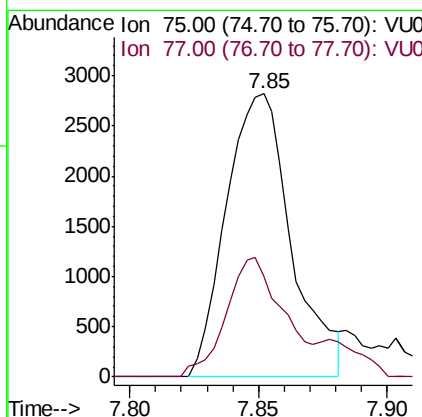
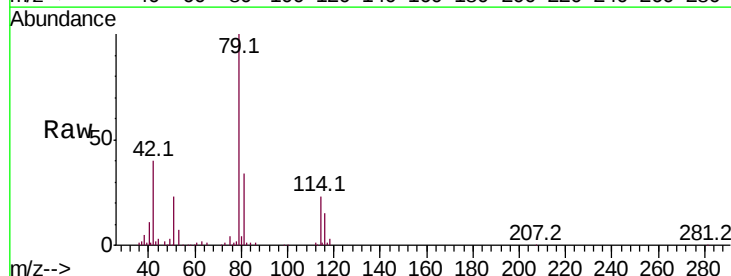
Tot Ion: 75 Resp: 7003
 Ion Ratio Lower Upper
 75 100
 77 58.2 23.0 42.8#

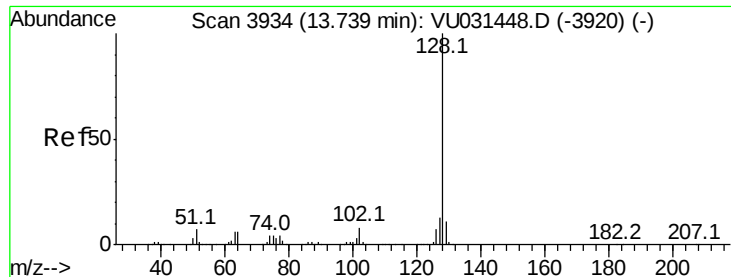


#44

trans-1,3-Dichloropropene
 Concen: 0.752 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.03 min
 Lab File: VU031449.D
 Acq: 23 Apr 2019 19:52

Tgt Ion: 75 Resp: 4957
 Ion Ratio Lower Upper
 75 100
 77 35.4 22.3 41.3





#69

Naphthalene

Concen: 1.423 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.03 min

Lab File: VU031449.D

Acq: 23 Apr 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

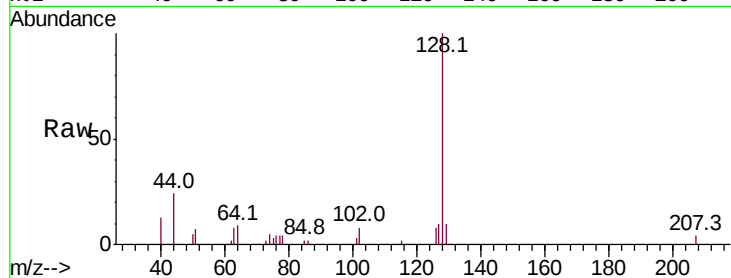
Tot Ion:128 Resp: 23310

Ion Ratio Lower Upper

128 100

127 5.0 10.2 15.4#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

