

Data File : VV010380.D
Acq On : 19 Apr 2019 11:44
Operator : SY/MD
Sample : K2402-04
Misc : 4.99G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHH6

Quant Time: Apr 20 02:31:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	297752	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	288515	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	145265	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77498	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.00%
7) Chloroethane-d5	1.57	69	77901	24.53	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.12%
10) 1,1-Dichloroethene-d2	2.13	63	156092	17.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.44%
20) 2-Butanone-d5	3.93	46	65036	55.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.46%
24) Chloroform-d	4.40	84	183018	23.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.52%
26) 1,2-Dichloroethane-d4	5.08	65	115835	25.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.28%
29) Benzene-d6	5.10	84	337360	22.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.36%
33) 1,2-Dichloropropane-d6	6.12	67	105720	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.84%
37) Toluene-d8	7.36	98	320900	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.40%
38) trans-1,3-Dichloropropene-	7.66	79	44479	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.68%
39) 2-Hexanone-d5	8.13	63	44817	46.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	105693	24.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	142305	24.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.68%

Target Compounds

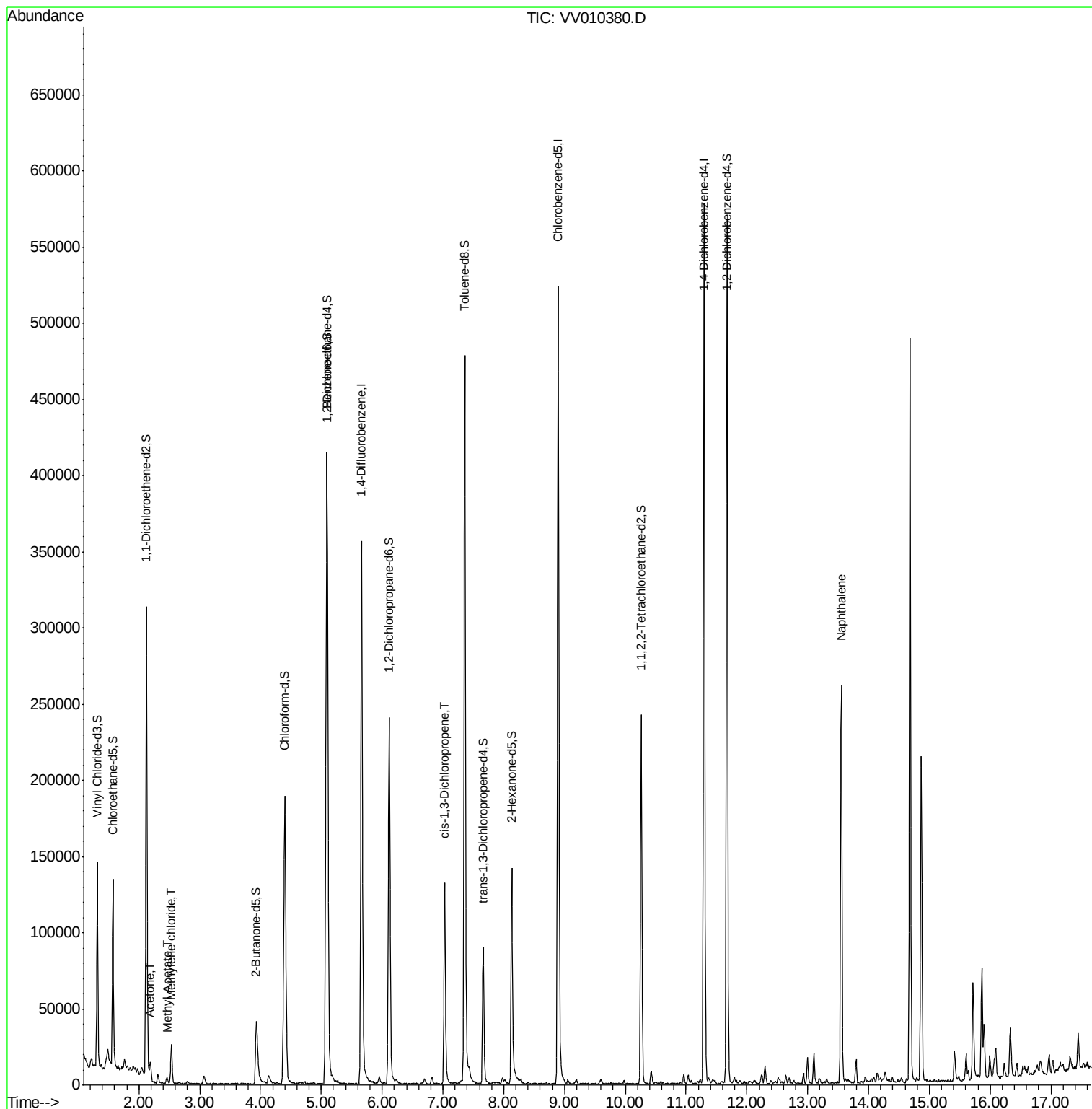
					Qvalue
13) Acetone	2.19	43	4405	3.545 ug/L	99
15) Methyl Acetate	2.46	43	4300	2.120 ug/L #	87
16) Methylene chloride	2.53	84	9958	2.094 ug/L	95
42) cis-1,3-Dichloropropene	7.03	75	4344	0.798 ug/L	87
69) Naphthalene	13.55	128	198907	18.291 ug/L	99

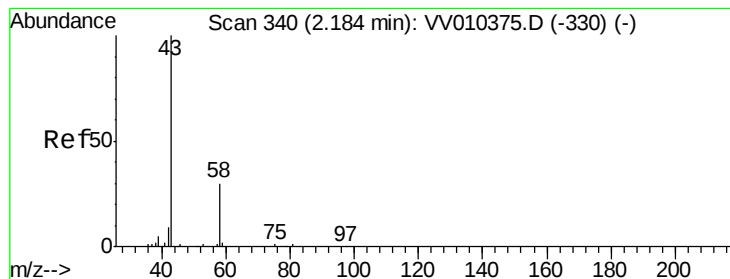
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.545 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

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Acq: 19 Apr 2019 11:44

Instrument :

MSVOA_V

ClientSampleId :

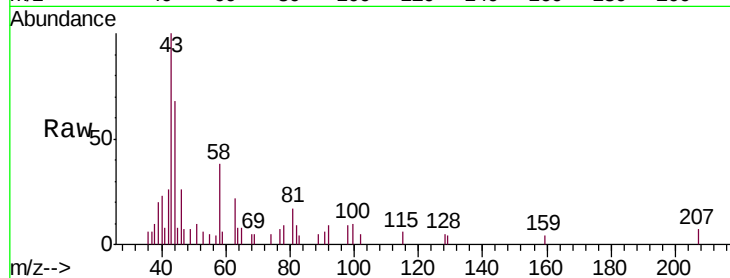
GAHH6

Tgt Ion: 43 Resp: 4405

Ion Ratio Lower Upper

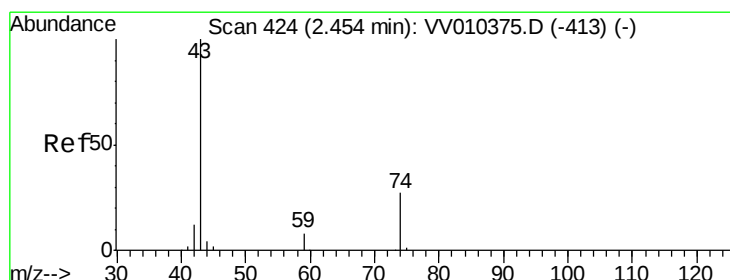
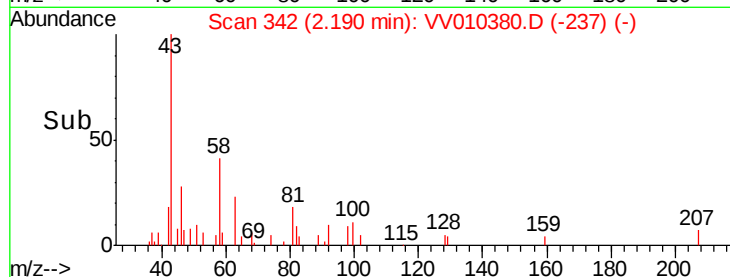
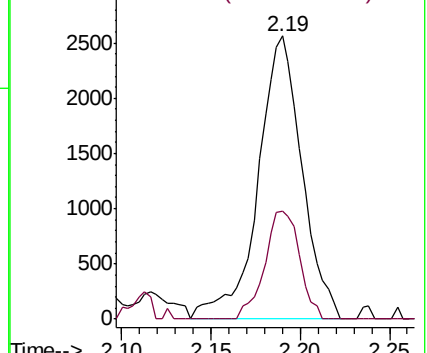
43 100

58 30.4 0.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 2.120 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: VV010380.D

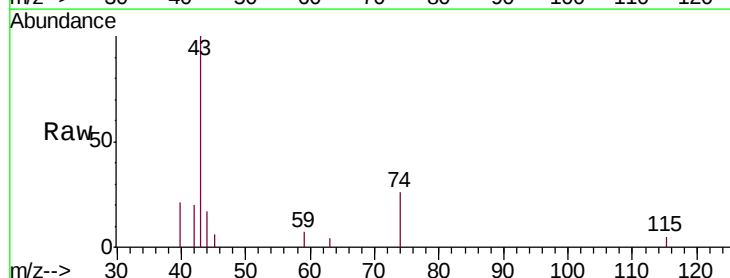
Acq: 19 Apr 2019 11:44

Tgt Ion: 43 Resp: 4300

Ion Ratio Lower Upper

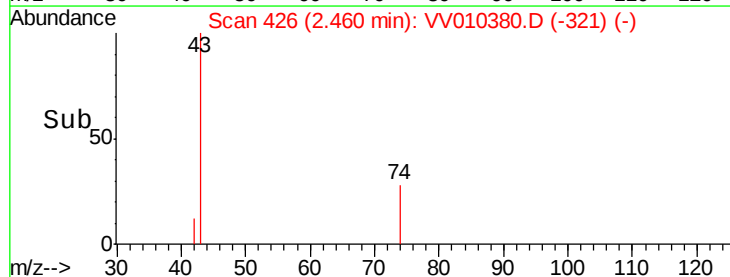
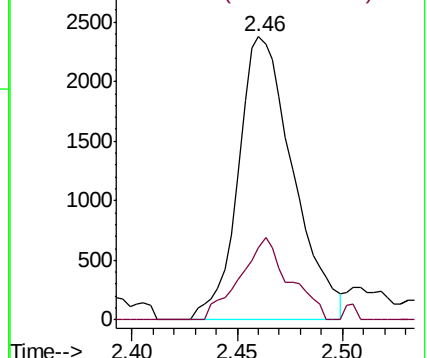
43 100

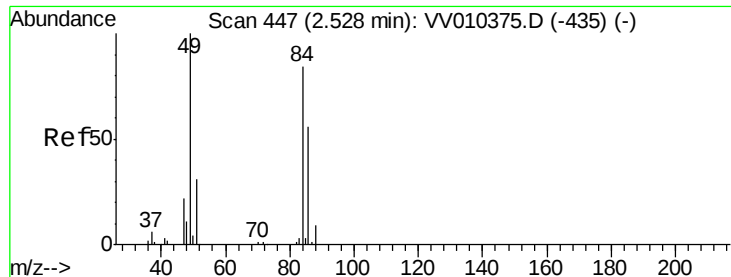
74 20.9 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

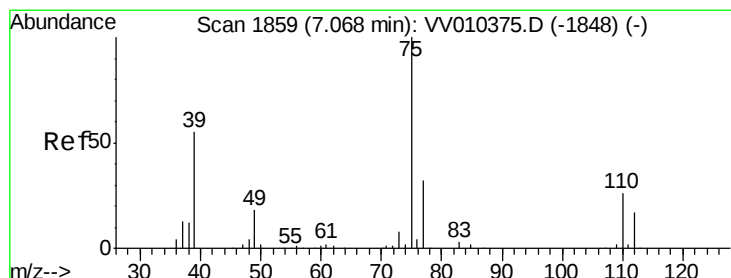
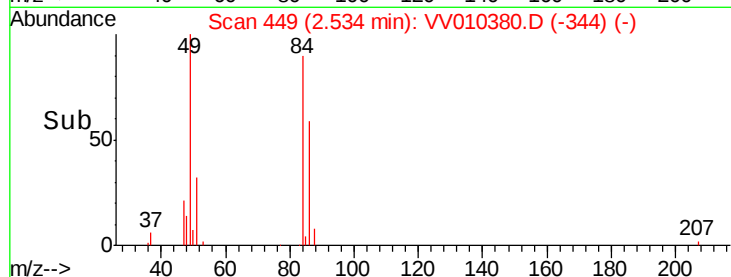
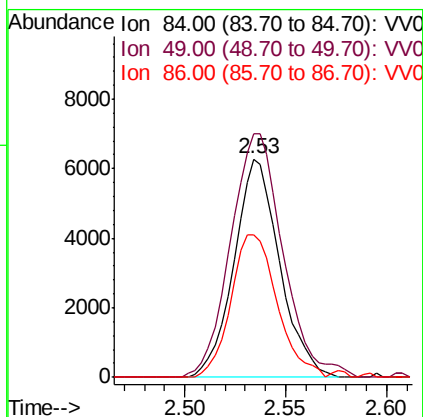
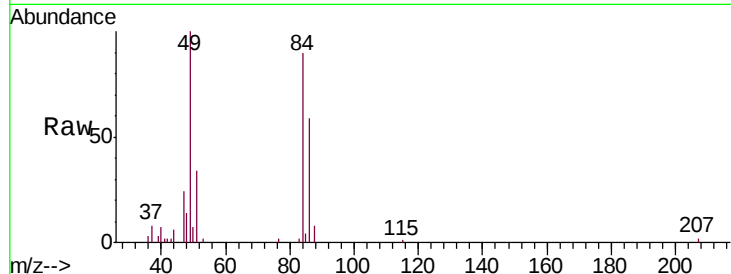




#16
Methylene chloride
Concen: 2.094 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV010380.D
Acq: 19 Apr 2019 11:44

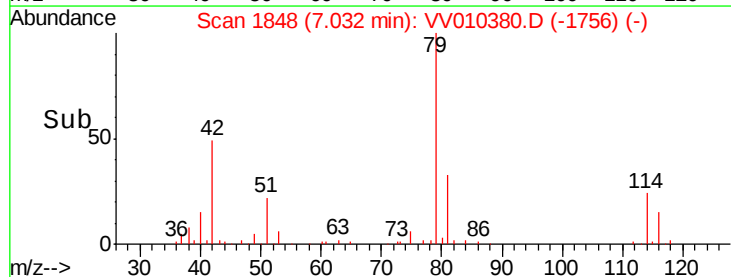
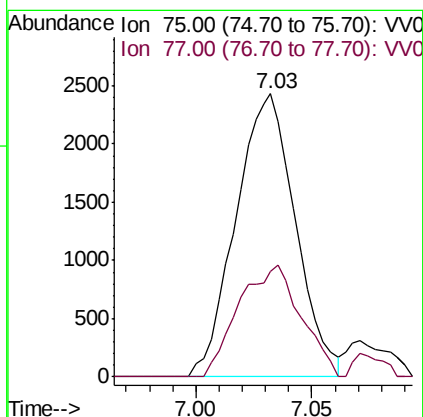
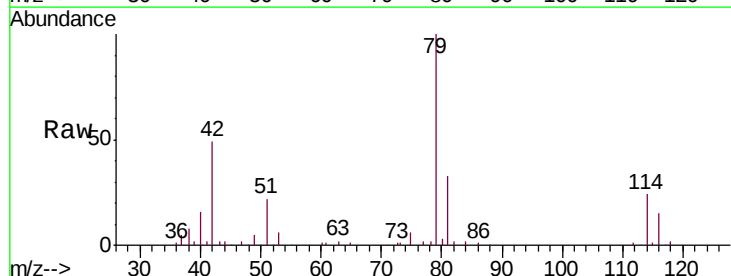
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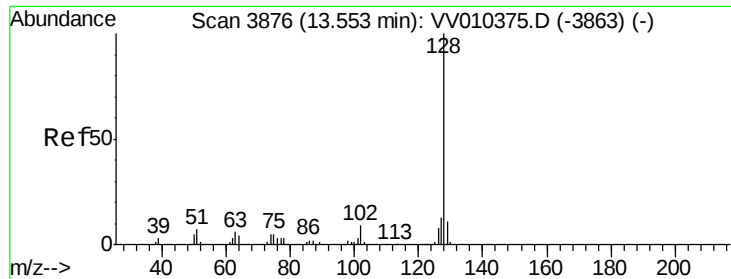
Tgt Ion: 84 Resp: 9958
Ion Ratio Lower Upper
84 100
49 111.5 83.8 155.6
86 65.5 46.1 85.5



#42
cis-1,3-Dichloropropene
Concen: 0.798 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010380.D
Acq: 19 Apr 2019 11:44

Tgt Ion: 75 Resp: 4344
Ion Ratio Lower Upper
75 100
77 37.3 21.1 39.1





#69

Naphthalene

Concen: 18.291 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. -0.00 min

Lab File: VV010380.D

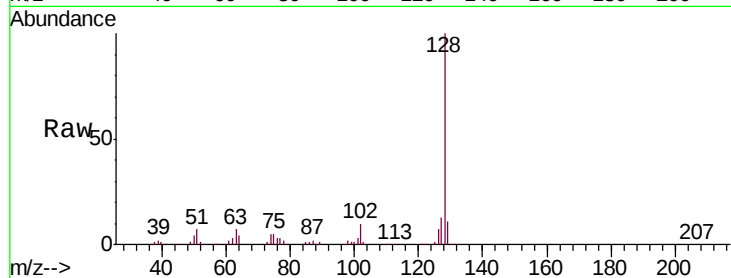
Acq: 19 Apr 2019 11:44

Instrument :

MSVOA_V

ClientSampleId :

GAHH6



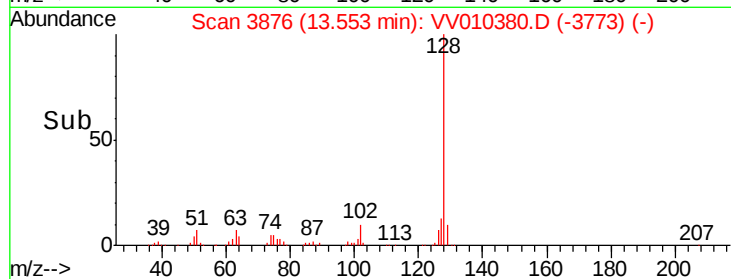
Tgt Ion:128 Resp: 198907

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 12.8 10.7 16.1



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

