

Data File : VV010765.D
Acq On : 09 May 2019 13:36
Operator : SY/MD
Sample : VV0509SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK85

Quant Time: May 09 14:22:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 04:43:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	100218	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	103430	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44485	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39328	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.04%
7) Chloroethane-d5	1.55	69	20086	15.68	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.72%
10) 1,1-Dichloroethene-d2	2.12	63	67121	19.88	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.52%
20) 2-Butanone-d5	3.93	46	18757	40.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.30%
24) Chloroform-d	4.40	84	52578	19.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.96%
26) 1,2-Dichloroethane-d4	5.08	65	42511	24.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.64%
29) Benzene-d6	5.09	84	141391	25.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.88%
33) 1,2-Dichloropropane-d6	6.11	67	43971	25.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.40%
37) Toluene-d8	7.36	98	137476	26.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.48%
38) trans-1,3-Dichloropropene-	7.66	79	17363	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.84%
39) 2-Hexanone-d5	8.13	63	15392	42.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.80%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34804	21.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	46275	26.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.44%

Target Compounds

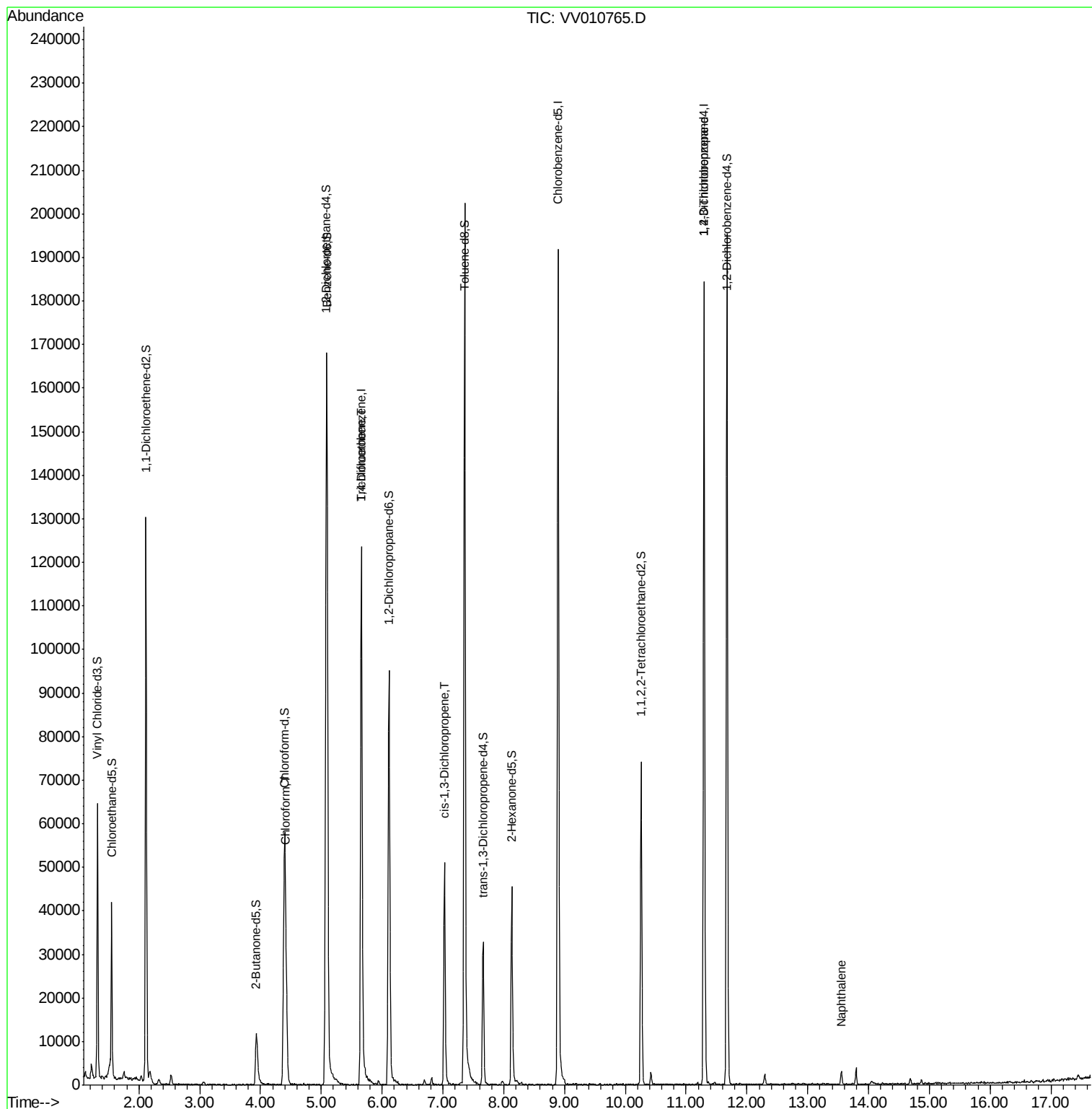
					Qvalue
25) Chloroform	4.42	83	18627	6.141 ug/L	95
35) Trichloroethene	5.66	95	3066	1.803 ug/L #	7
42) cis-1,3-Dichloropropene	7.03	75	1360	0.532 ug/L #	59
59) 1,2,3-Trichloropropane	11.29	75	6136	4.522 ug/L #	83
69) Naphthalene	13.55	128	2755	0.746 ug/L #	82

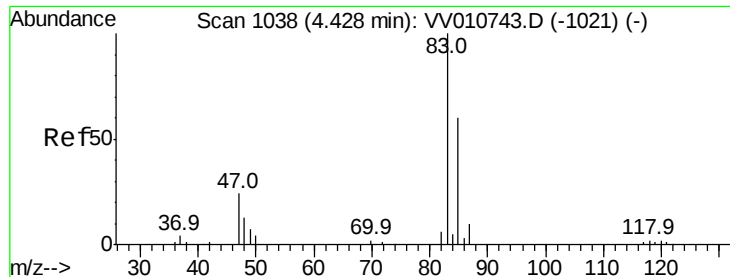
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 6.141 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.01 min

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ClientSampleId :

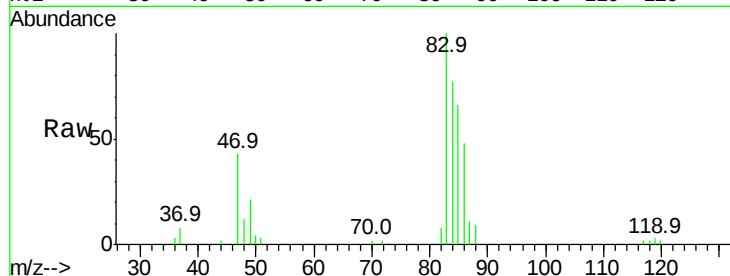
VBLK85

Tgt Ion: 83 Resp: 18627

Ion Ratio Lower Upper

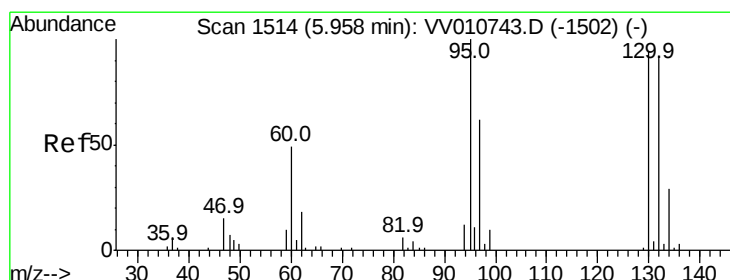
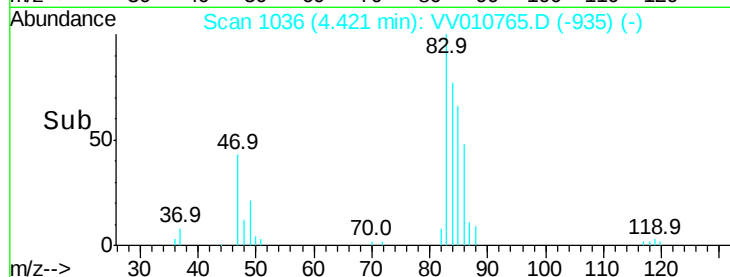
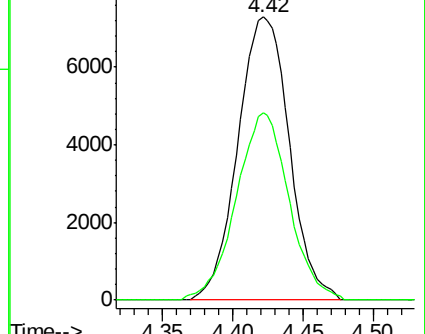
83 100

85 67.8 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Trichloroethene

Concen: 1.803 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

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Tgt Ion: 95 Resp: 3066

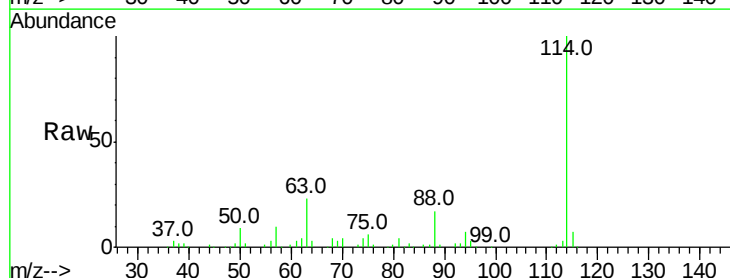
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#

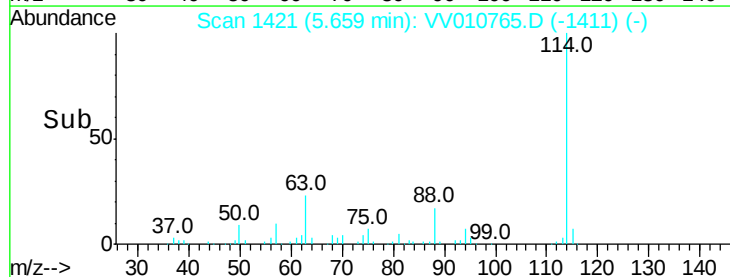
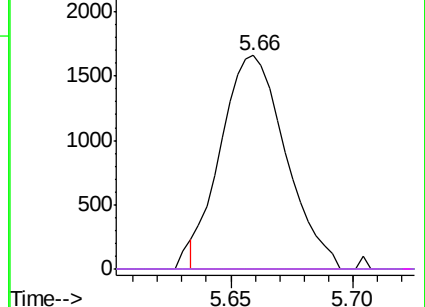


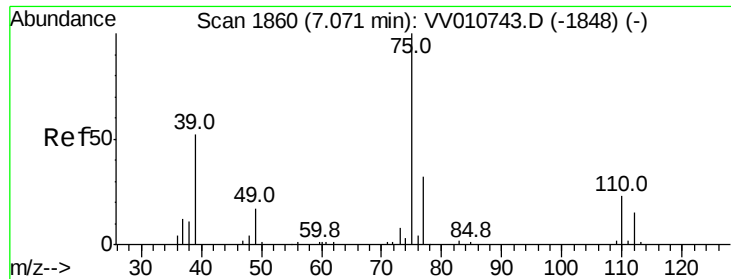
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.532 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

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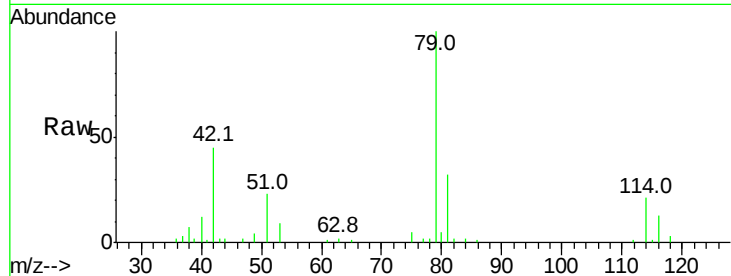
VBLK85

Tgt Ion: 75 Resp: 1360

Ion Ratio Lower Upper

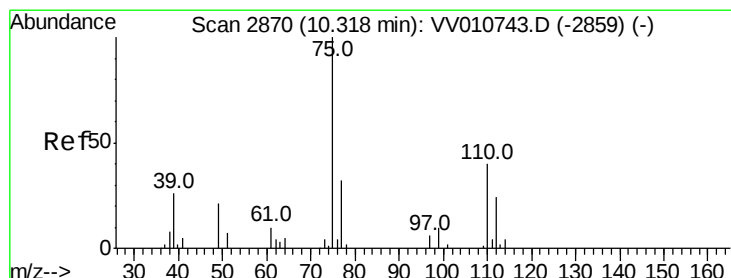
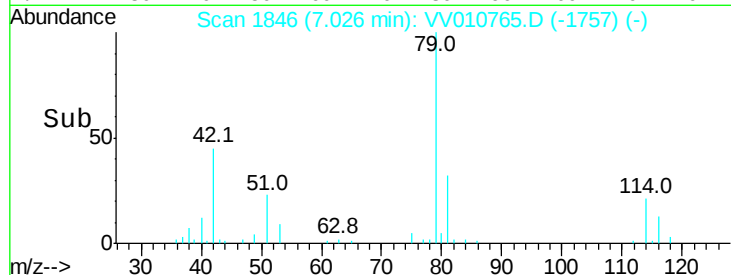
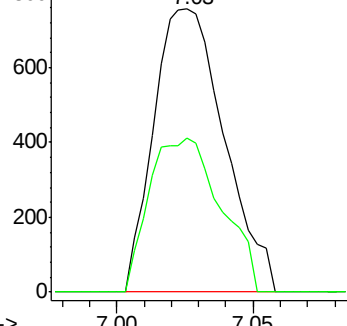
75 100

77 54.4 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 4.522 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

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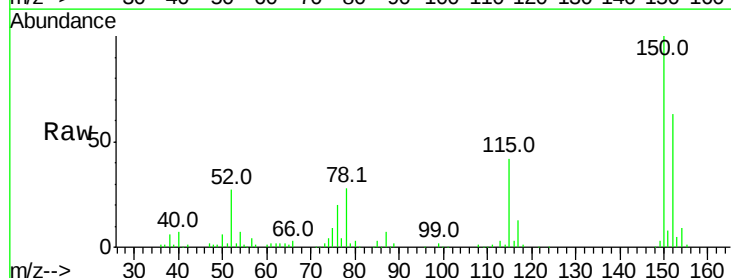
Acq: 09 May 2019 13:36

Tgt Ion: 75 Resp: 6136

Ion Ratio Lower Upper

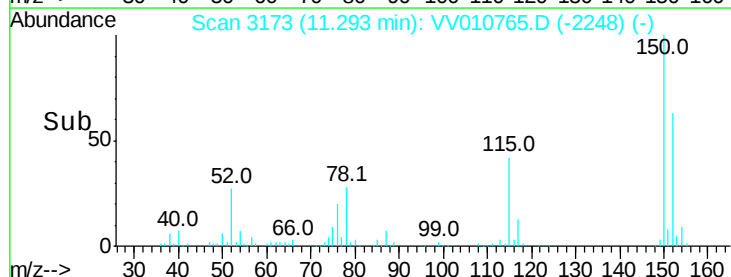
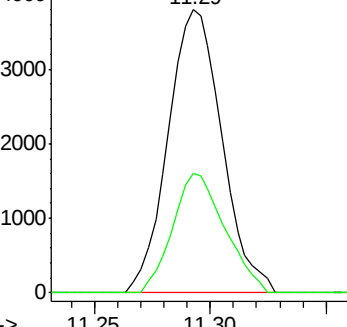
75 100

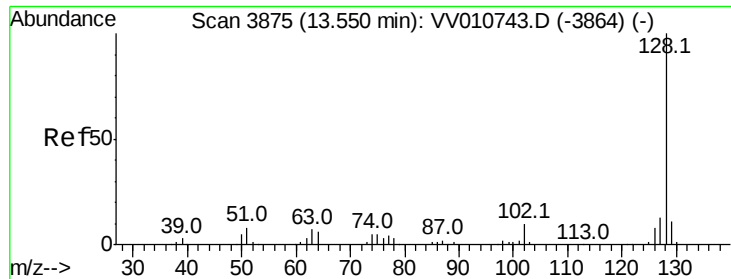
77 40.8 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#69

Naphthalene

Concen: 0.746 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV010765.D

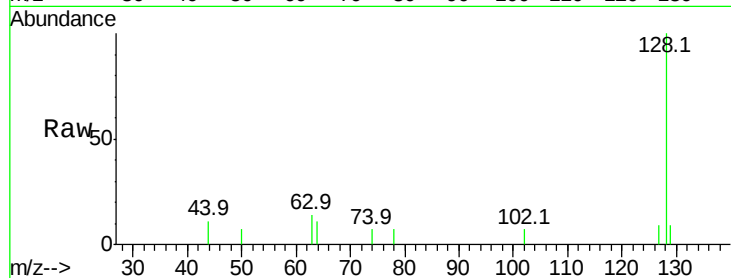
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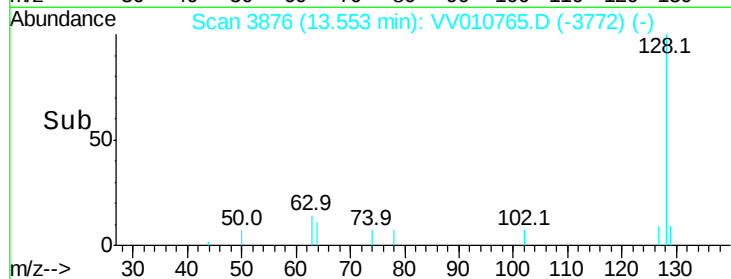
Tgt Ion:128 Resp: 2755

Ion Ratio Lower Upper

128 100

129 3.9 8.3 12.5#

127 5.7 10.8 16.2#



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

